

Cover Page

Order ID : Q2106

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

Client : ENTACT

Lab Sample Number

Q2106-01

Client Sample Number

TW-WTS-09

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: 5/27/2025

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 #: Q2106

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: NISHADH PATEL

Date: 05/27/2025

LAB CHRONICLE

OrderID:	Q2106	OrderDate:	5/22/2025 10:35:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2106-01	TW-WTS-09	Water	SVOCMS Group4	8270E	05/19/25	05/23/25	05/23/25	05/21/25



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Hit Summary Sheet
SW-846

SDG No.: Q2106
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.: Q2106

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168143BL	PB168143BL	2-Fluorophenol	150	125	84		15 (10)	110 (139)
		Phenol-d6	150	126	84		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.4	78		30 (49)	130 (133)
		2-Fluorobiphenyl	100	73.4	73		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	133	89		15 (44)	110 (137)
		Terphenyl-d14	100	69.5	70		30 (48)	130 (125)
PB168143BS	PB168143BS	2-Fluorophenol	150	120	80		15 (10)	110 (139)
		Phenol-d6	150	124	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	75.5	76		30 (49)	130 (133)
		2-Fluorobiphenyl	100	71.3	71		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	132	88		15 (44)	110 (137)
		Terphenyl-d14	100	75.5	75		30 (48)	130 (125)
PB168143BSD	PB168143BSD	2-Fluorophenol	150	119	79		15 (10)	110 (139)
		Phenol-d6	150	121	80		15 (10)	110 (134)
		Nitrobenzene-d5	100	73.8	74		30 (49)	130 (133)
		2-Fluorobiphenyl	100	70.7	71		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	127	84		15 (44)	110 (137)
		Terphenyl-d14	100	75.0	75		30 (48)	130 (125)
Q2106-01	TW-WTS-09	2-Fluorophenol	150	61.0	41		15 (10)	110 (139)
		Phenol-d6	150	34.5	23		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.7	70		30 (49)	130 (133)
		2-Fluorobiphenyl	100	70.5	71		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	152	101		15 (44)	110 (137)
		Terphenyl-d14	100	81.0	81		30 (48)	130 (125)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2106

Client: ENTACT

Analytical Method: 8270E DataFile: BF142556.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168143BS	Phenol	50	42.5	ug/L	85				20 (66)	160 (118)	
	1,4-Dichlorobenzene	50	42.0	ug/L	84				70 (76)	130 (103)	
	1,2,4-Trichlorobenzene	50	42.8	ug/L	86				70 (41)	130 (115)	
	Naphthalene	50	42.4	ug/L	85				70 (64)	130 (107)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2106

Client: ENTACT

Analytical Method: 8270E DataFile: BF142557.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB168143BSD	Phenol	50	41.7	ug/L	83	2			20 (66)	160 (118)	20 (20)
	1,4-Dichlorobenzene	50	41.8	ug/L	84	0			70 (76)	130 (103)	20 (20)
	1,2,4-Trichlorobenzene	50	42.1	ug/L	84	2			70 (41)	130 (115)	20 (20)
	Naphthalene	50	41.9	ug/L	84	1			70 (64)	130 (107)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168143BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: Q2106

SAS No.: Q2106 SDG NO.: Q2106

Lab File ID: BF142555.D

Lab Sample ID: PB168143BL

Instrument ID: BNA_F

Date Extracted: 05/23/2025

Matrix: (soil/water) Water

Date Analyzed: 05/27/2025

Level: (low/med) LOW

Time Analyzed: 11:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168143BS	PB168143BS	BF142556.D	05/27/2025
PB168143BSD	PB168143BSD	BF142557.D	05/27/2025
TW-WTS-09	Q2106-01	BP024804.D	05/23/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q2106SDG NO.: Q2106Lab File ID: BF142465.DDFTPP Injection Date: 05/20/2025Instrument ID: BNA_FDFTPP Injection Time: 11:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.4
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	24.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
275	10.0 - 60.0% of mass 198	22.3
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (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
SSTDICC2.5	SSTDICC2.5	BF142467.D	05/20/2025	12:10
SSTDICC005	SSTDICC005	BF142468.D	05/20/2025	12:38
SSTDICC010	SSTDICC010	BF142469.D	05/20/2025	13:07
SSTDICC020	SSTDICC020	BF142470.D	05/20/2025	13:36
SSTDICCC040	SSTDICCC040	BF142471.D	05/20/2025	14:05
SSTDICC050	SSTDICC050	BF142472.D	05/20/2025	14:34
SSTDICC060	SSTDICC060	BF142473.D	05/20/2025	15:03
SSTDICC080	SSTDICC080	BF142474.D	05/20/2025	15:31



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q2106 SDG NO.: Q2106Lab File ID: BF142551.DDFTPP Injection Date: 05/27/2025Instrument ID: BNA_FDFTPP Injection Time: 09:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.1
68	Less than 2.0% of mass 69	0.4 (1.9) 1
69	Mass 69 relative abundance	22.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	30.6
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	4.5
275	10.0 - 60.0% of mass 198	21.2
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BF142552.D	05/27/2025	10:15
PB168143BL	PB168143BL	BF142555.D	05/27/2025	11:42
PB168143BS	PB168143BS	BF142556.D	05/27/2025	12:11
PB168143BSD	PB168143BSD	BF142557.D	05/27/2025	12:39



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q2106SDG NO.: Q2106Lab File ID: BP024613.DDFTPP Injection Date: 05/13/2025Instrument ID: BNA_PDFTPP Injection Time: 10:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.8
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (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	BP024614.D	05/13/2025	10:41
SSTDICC005	SSTDICC005	BP024615.D	05/13/2025	11:22
SSTDICC010	SSTDICC010	BP024616.D	05/13/2025	12:03
SSTDICC020	SSTDICC020	BP024617.D	05/13/2025	12:43
SSTDICCC040	SSTDICCC040	BP024618.D	05/13/2025	13:24
SSTDICC050	SSTDICC050	BP024619.D	05/13/2025	14:05
SSTDICC060	SSTDICC060	BP024620.D	05/13/2025	14:45
SSTDICC080	SSTDICC080	BP024621.D	05/13/2025	15:26



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q2106SDG NO.: Q2106Lab File ID: BP024787.DDFTPP Injection Date: 05/23/2025Instrument ID: BNA_PDFTPP Injection Time: 10:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.4
68	Less than 2.0% of mass 69	0.1 (0.7) 1
69	Mass 69 relative abundance	20.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	30.9
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	4.7
275	10.0 - 60.0% of mass 198	23.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024788.D	05/23/2025	11:40
TW-WTS-09	Q2106-01	BP024804.D	05/23/2025	22:34

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2106 SAS No.: Q2106 SDG NO.: Q2106

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/27/2025

Lab File ID: BF142552.D Time Analyzed: 10:15

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	106761	6.898	418300	8.19	232077	9.94
UPPER LIMIT	213522	7.398	836600	8.686	464154	10.439
LOWER LIMIT	53380.5	6.398	209150	7.686	116039	9.439
EPA SAMPLE NO.						
01 PB168143BL	109703	6.90	422020	8.18	239387	9.93
02 PB168143BS	120106	6.90	472385	8.19	264185	9.94
03 PB168143BSD	110909	6.90	436992	8.19	243793	9.94

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.: Q2106 SAS No.: Q2106 SDG NO.: Q2106

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/27/2025

Lab File ID: BF142552.D Time Analyzed: 10:15

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	411171	11.427	239311	14.068	215066	15.562
UPPER LIMIT	822342	11.927	478622	14.568	430132	16.062
LOWER LIMIT	205586	10.927	119656	13.568	107533	15.062
EPA SAMPLE NO.						
01 PB168143BL	439419	11.42	295396	14.06	234182	15.56
02 PB168143BS	473279	11.43	277045	14.07	252806	15.56
03 PB168143BSD	424557	11.43	233295	14.07	236170	15.56

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.: Q2106 SAS No.: Q2106 SDG NO.: Q2106

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/23/2025

Lab File ID: BP024788.D Time Analyzed: 11:40

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	85825	7.646	348651	10.42	223501	14.28
UPPER LIMIT	171650	8.146	697302	10.916	447002	14.781
LOWER LIMIT	42912.5	7.146	174326	9.916	111751	13.781
EPA SAMPLE NO.						
01 TW-WTS-09	99275	7.65	401101	10.42	275482	14.28

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.: Q2106 SAS No.: Q2106 SDG NO.: Q2106

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/23/2025

Lab File ID: BP024788.D Time Analyzed: 11:40

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

01

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	457187	17.086	596427	21.51	763679	24.786
UPPER LIMIT	914374	17.586	1192850	22.01	1527360	25.286
LOWER LIMIT	228594	16.586	298214	21.01	381840	24.286
EPA SAMPLE NO.						
TW-WTS-09	605361	17.08	699433	21.50	860223	24.77

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:	05/19/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/21/25
Client Sample ID:	TW-WTS-09	SDG No.:	Q2106
Lab Sample ID:	Q2106-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 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
BP024804.D	1	05/23/25 08:31	05/23/25 22:34	PB168143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.93	U	0.93	5.10	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	0.54	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.55	U	0.55	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	61.0		15 (10) - 110 (139)	41%	SPK: 150
13127-88-3	Phenol-d6	34.5		15 (10) - 110 (134)	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.7		30 (49) - 130 (133)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.5		30 (52) - 130 (132)	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	152		15 (44) - 110 (137)	101%	SPK: 150
1718-51-0	Terphenyl-d14	81.0		30 (48) - 130 (125)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	99300		7.652		
1146-65-2	Naphthalene-d8	401000		10.416		
15067-26-2	Acenaphthene-d10	275000		14.275		
1517-22-2	Phenanthrene-d10	605000		17.08		
1719-03-5	Chrysene-d12	699000		21.504		
1520-96-3	Perylene-d12	860000		24.774		

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_P\Data\BP052325\
Data File : BP024804.D
Acq On : 23 May 2025 22:34
Operator : RC/JU
Sample : Q2106-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

Quant Time: May 24 00:05:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

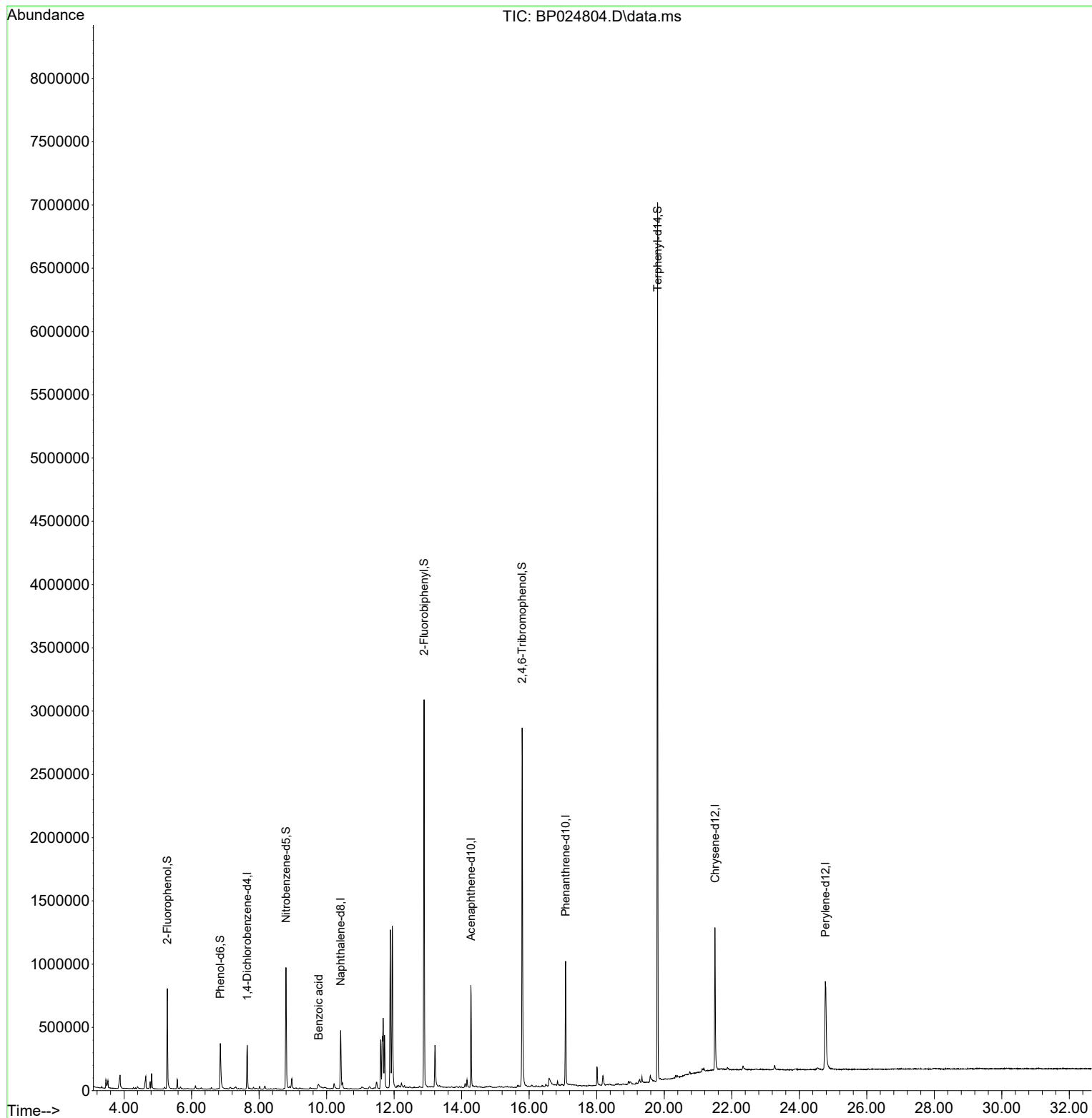
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	99275	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	401101	20.000	ng	-0.02
39) Acenaphthene-d10	14.275	164	275482	20.000	ng	-0.03
64) Phenanthrene-d10	17.080	188	605361	20.000	ng	-0.02
76) Chrysene-d12	21.504	240	699433	20.000	ng	-0.02
86) Perylene-d12	24.774	264	860223	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	353785	60.952	ng	0.00
7) Phenol-d6	6.852	99	255826	34.534	ng	0.00
23) Nitrobenzene-d5	8.799	82	553336	69.703	ng	-0.01
42) 2,4,6-Tribromophenol	15.792	330	707976	151.594	ng	-0.02
45) 2-Fluorobiphenyl	12.887	172	1482668	70.512	ng	-0.02
79) Terphenyl-d14	19.804	244	3304539	81.012	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.763	122	26633	12.821	ng	99

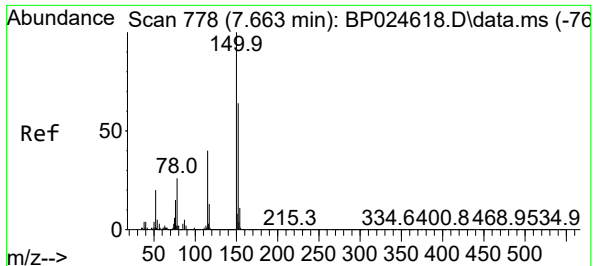
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024804.D
Acq On : 23 May 2025 22:34
Operator : RC/JU
Sample : Q2106-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

Quant Time: May 24 00:05:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

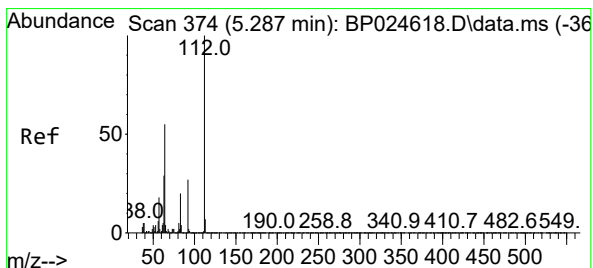
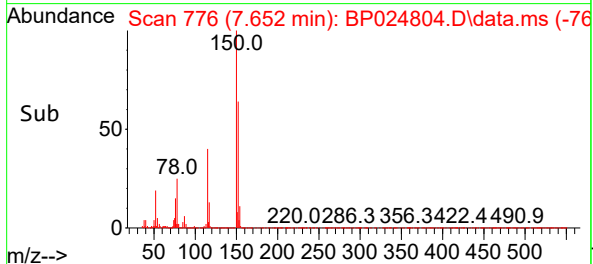
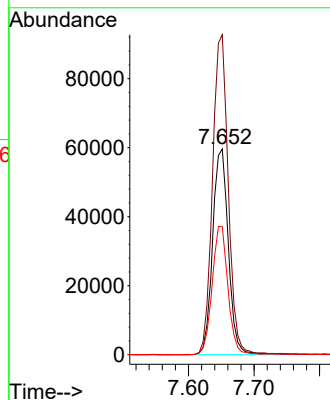
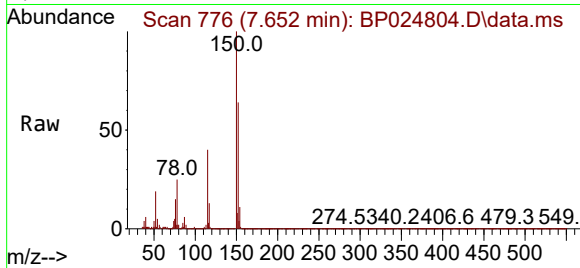




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

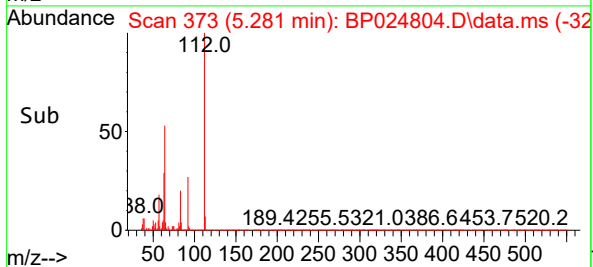
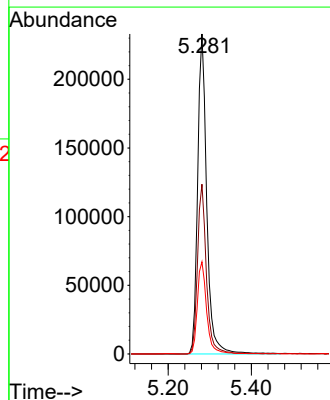
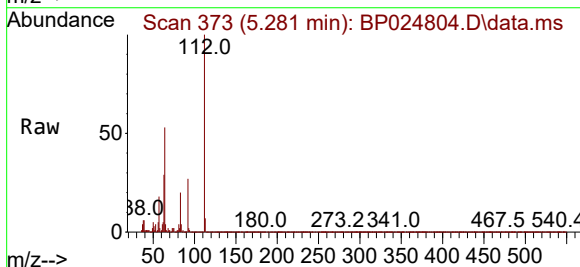
Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

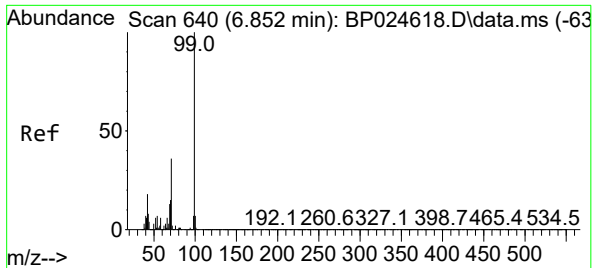
Tgt Ion:152 Resp: 99275
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 62.2 50.1 75.1



#5
2-Fluorophenol
Concen: 60.952 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion:112 Resp: 353785
Ion Ratio Lower Upper
112 100
64 53.1 44.1 66.1
63 28.8 23.5 35.3

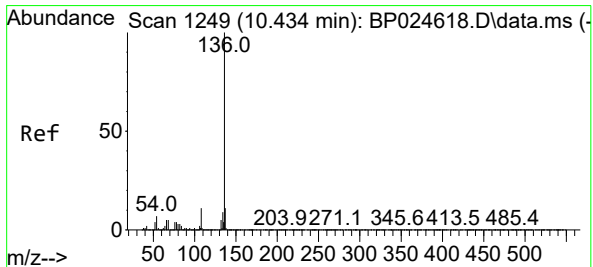
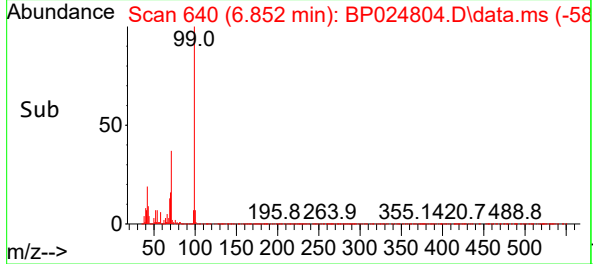
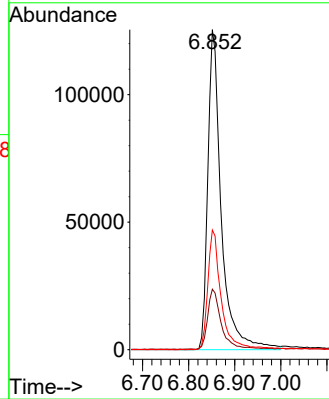
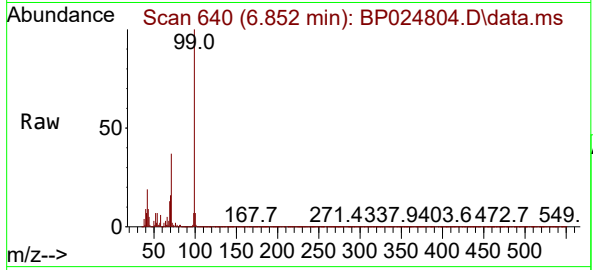




#7
Phenol-d6
Concen: 34.534 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

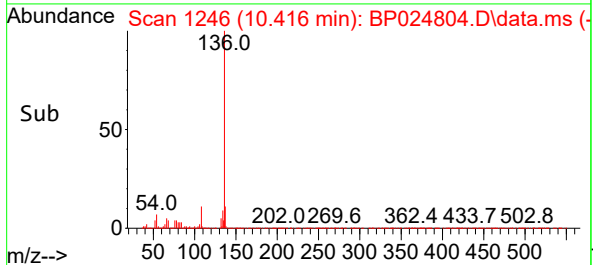
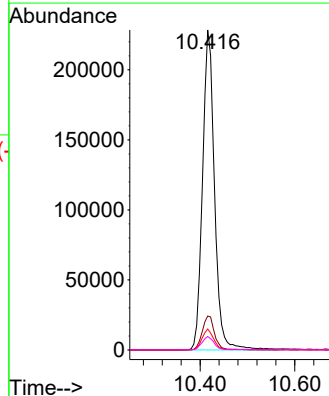
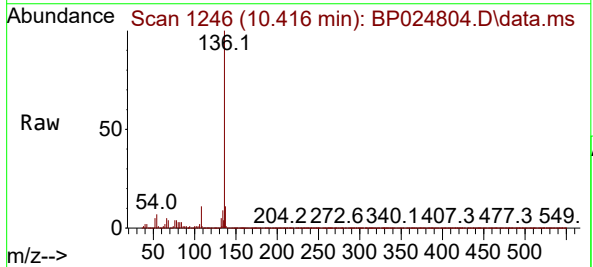
Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

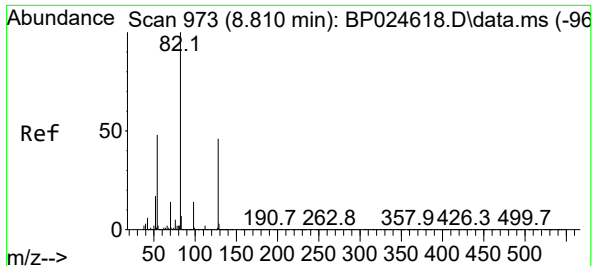
Tgt Ion: 99 Resp: 255826
Ion Ratio Lower Upper
99 100
42 18.9 14.4 21.6
71 37.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion: 136 Resp: 401101
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 5.5 8.3
68 4.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 69.703 ng

RT: 8.799 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024804.D

Acq: 23 May 2025 22:34

Instrument :

BNA_P

ClientSampleId :

TW-WTS-09

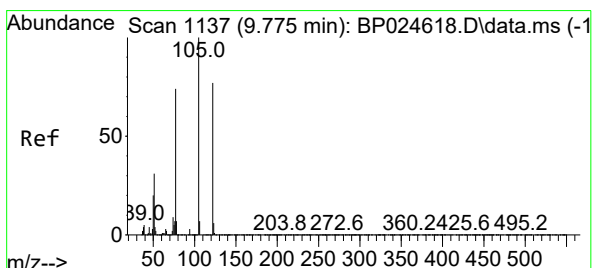
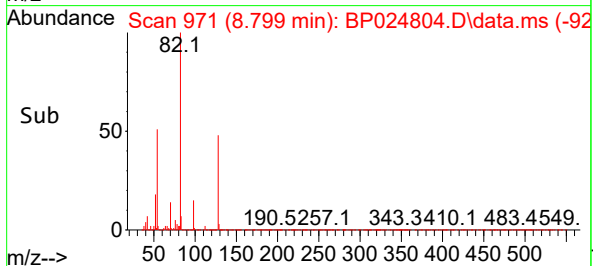
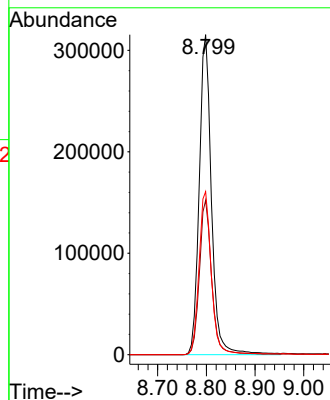
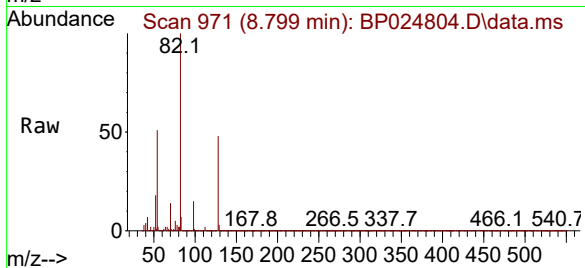
Tgt Ion: 82 Resp: 553336

Ion Ratio Lower Upper

82 100

128 48.3 37.0 55.4

54 51.0 38.7 58.1



#32

Benzoic acid

Concen: 12.821 ng

RT: 9.763 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BP024804.D

Acq: 23 May 2025 22:34

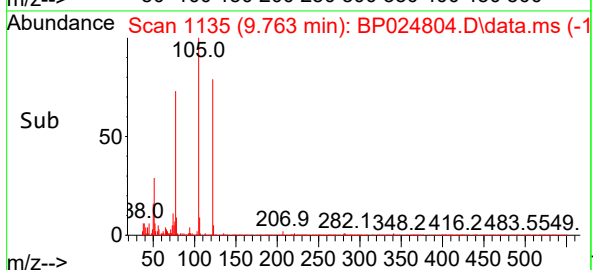
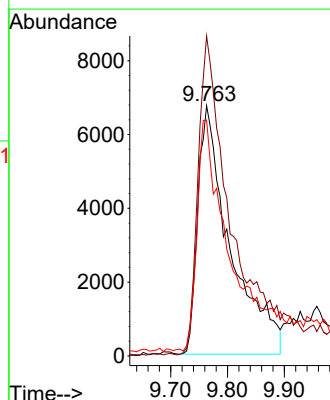
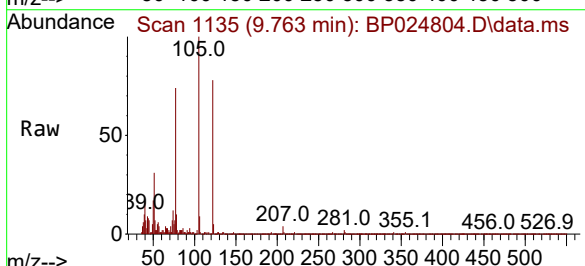
Tgt Ion: 122 Resp: 26633

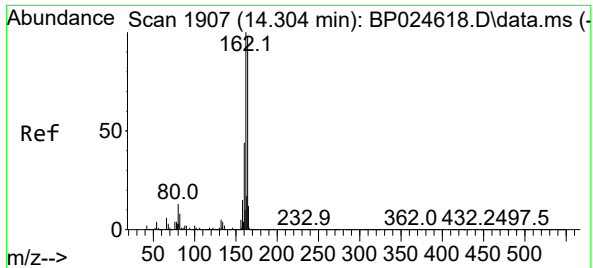
Ion Ratio Lower Upper

122 100

105 127.8 106.9 146.9

77 94.3 75.1 115.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.275 min Scan# 1907

Delta R.T. -0.029 min

Lab File: BP024804.D

Acq: 23 May 2025 22:34

Instrument :

BNA_P

ClientSampleId :

TW-WTS-09

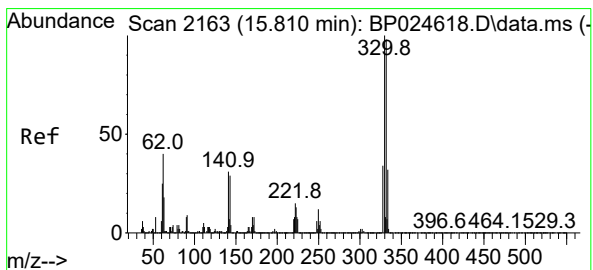
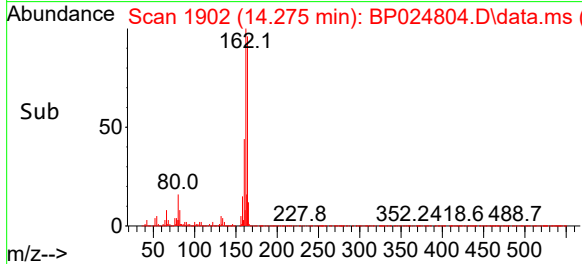
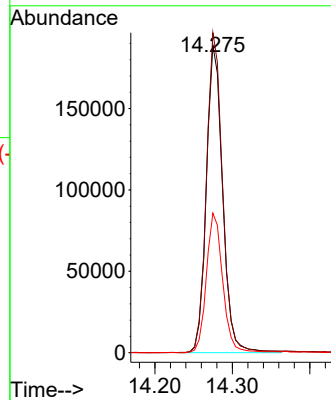
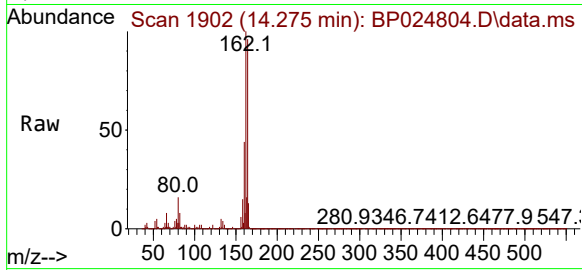
Tgt Ion:164 Resp: 275482

Ion Ratio Lower Upper

164 100

162 104.0 81.8 122.6

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 151.594 ng

RT: 15.792 min Scan# 2160

Delta R.T. -0.018 min

Lab File: BP024804.D

Acq: 23 May 2025 22:34

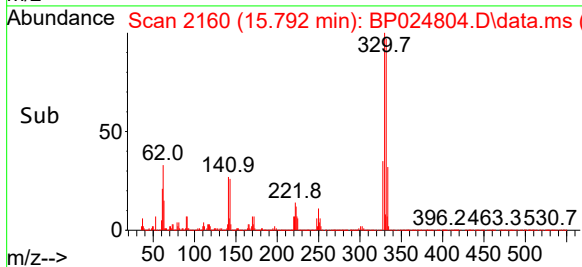
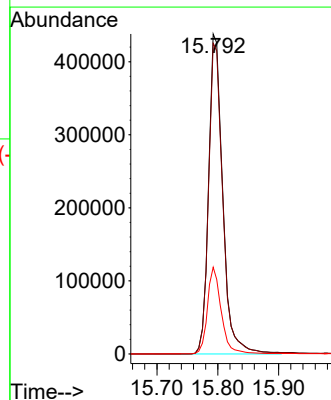
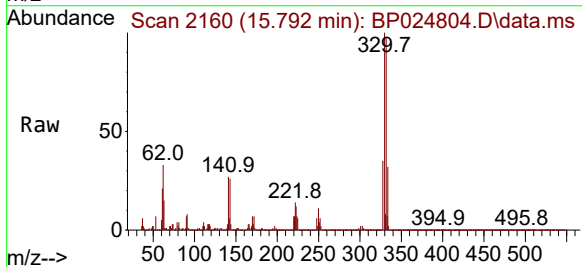
Tgt Ion:330 Resp: 707976

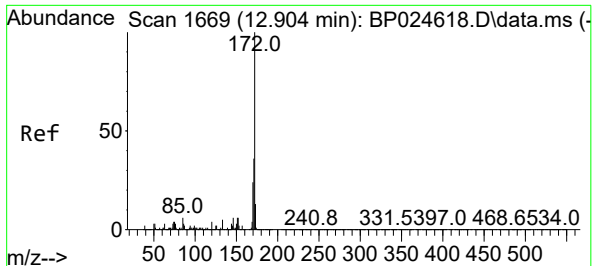
Ion Ratio Lower Upper

330 100

332 98.1 78.2 117.4

141 26.5 24.3 36.5

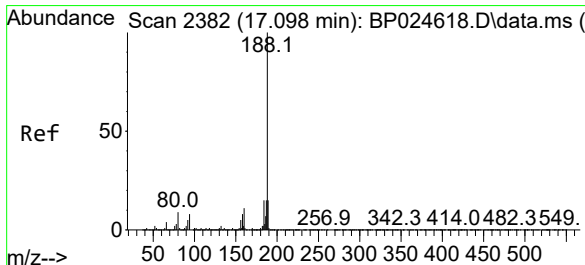
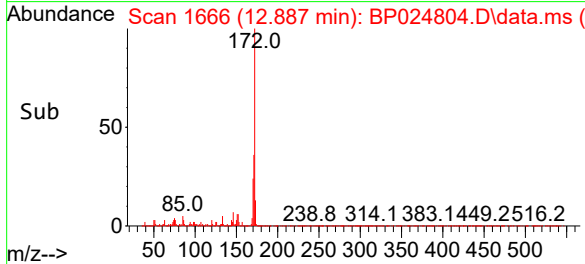
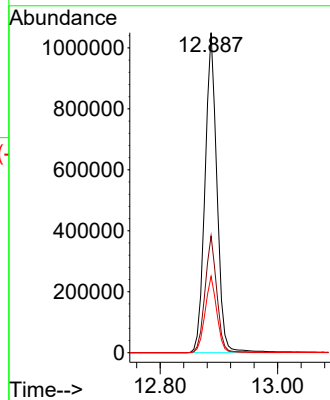
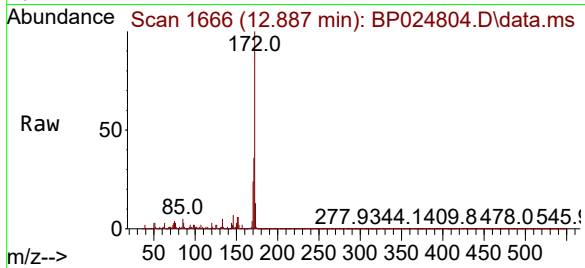




#45
2-Fluorobiphenyl
Concen: 70.512 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

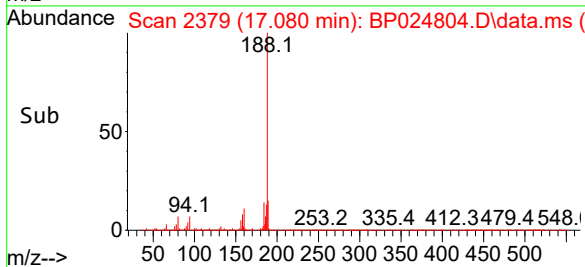
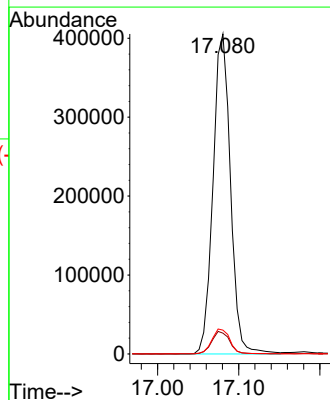
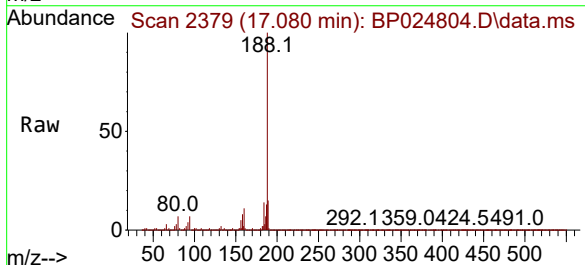
Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

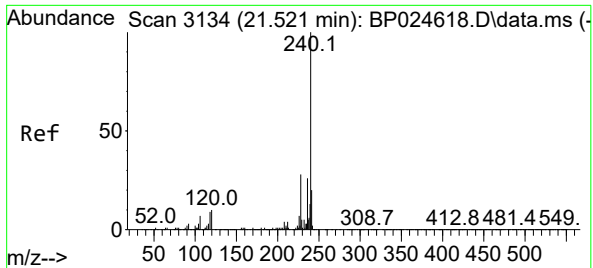
Tgt Ion:172 Resp: 1482668
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 23.8 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion:188 Resp: 605361
Ion Ratio Lower Upper
188 100
94 6.5 6.5 9.7
80 7.5 7.3 10.9

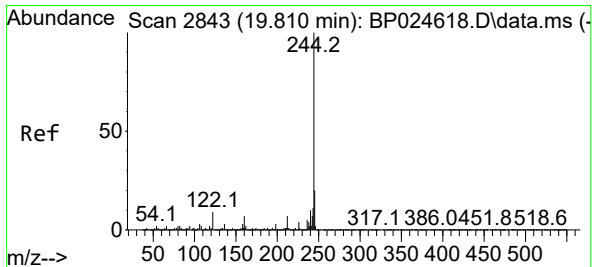
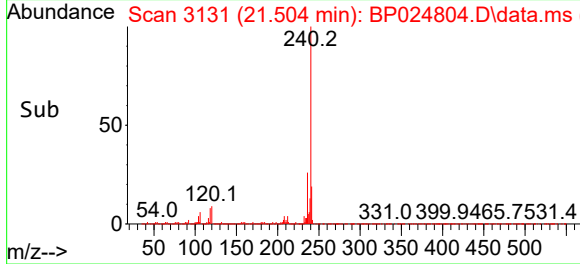
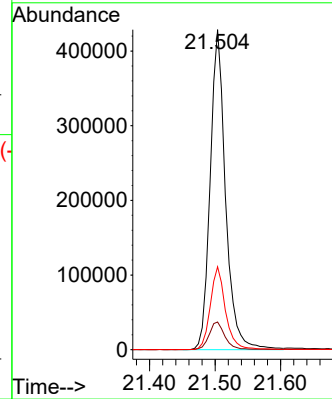
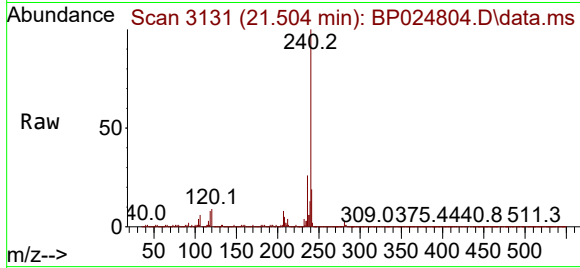




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3134
Delta R.T. -0.018 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

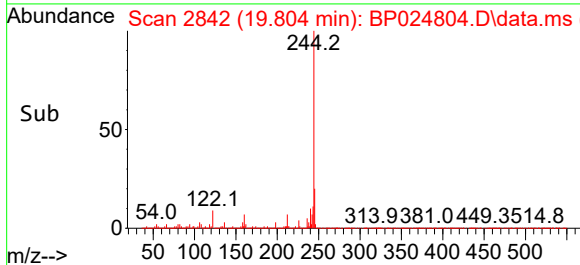
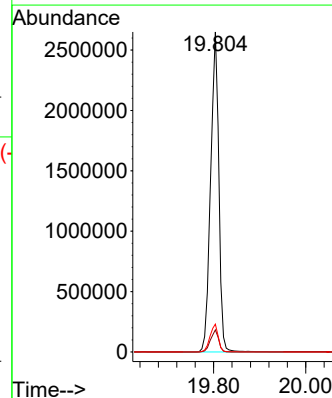
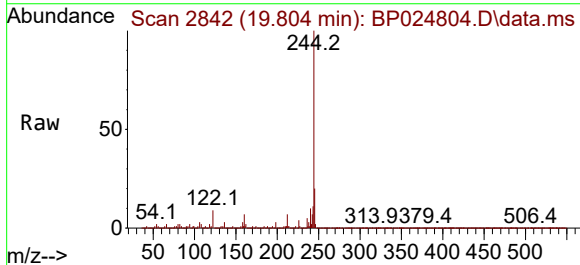
Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

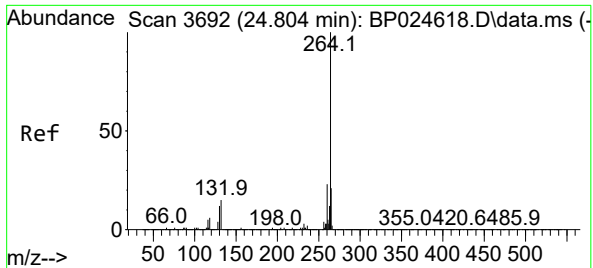
Tgt Ion:240 Resp: 699433
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 81.012 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion:244 Resp: 3304539
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 8.7 7.4 11.0

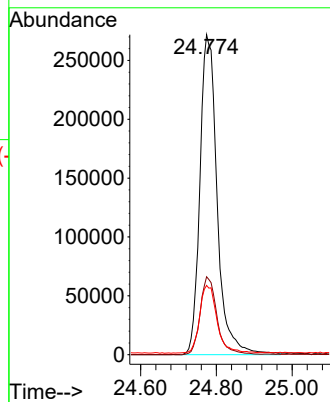
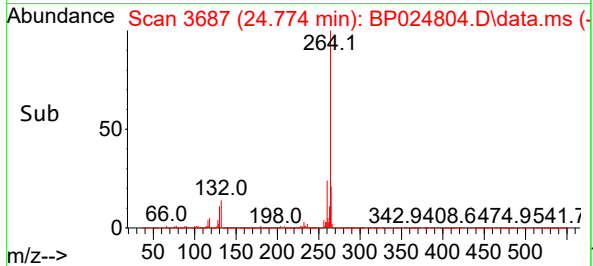
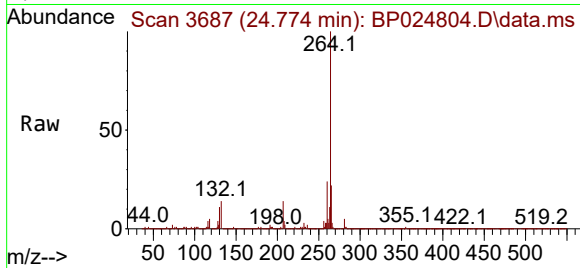




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.774 min Scan# 30
Delta R.T. -0.029 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

Tgt Ion:264 Resp: 860223
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.7 17.0 25.6





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.: Q2106 SAS No.: Q2106 SDG No.: Q2106
 Instrument ID: BNA_F Calibration Date(s): 05/20/2025 05/20/2025
 Calibration Time(s): 12:10 15:31

LAB FILE ID:		RRF2.5 = BF142467.D		RRF005 = BF142468.D		RRF010 = BF142469.D		
		RRF020 = BF142470.D		RRF040 = BF142471.D		RRF050 = BF142472.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.264	1.214	1.225	1.125	1.220	1.187	5.0
Phenol-d6		1.530	1.449	1.459	1.367	1.467	1.429	4.8
Phenol		1.716	1.621	1.646	1.530	1.657	1.608	4.8
1,4-Dichlorobenzene		1.540	1.476	1.491	1.407	1.495	1.453	4.7
Nitrobenzene-d5		0.376	0.365	0.379	0.356	0.382	0.367	3.5
1,2,4-Trichlorobenzene		0.325	0.313	0.317	0.295	0.320	0.308	4.9
Naphthalene		1.061	1.021	1.020	0.941	1.007	0.985	5.9
2-Fluorobiphenyl		1.726	1.619	1.558	1.387	1.480	1.490	10.5
2,4,6-Tribromophenol		0.230	0.225	0.234	0.211	0.233	0.222	5.4
Terphenyl-d14		1.624	1.582	1.660	1.423	1.492	1.464	12.8

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-BF052025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue May 20 16:26:47 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF142467.D 5 =BF142468.D 10 =BF142469.D 20 =BF142470.D 40 =BF142471.D 50 =BF142472.D 60 =BF142473.D 80 =BF142474.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.493	0.460	0.474	0.458	0.500	0.486	0.456	0.475	3.79	
3)	Pyridine	1.237	1.150	1.212	1.170	1.273	1.234	1.190	1.210	3.52	
4)	n-Nitrosodimet...	0.612	0.593	0.627	0.619	0.673	0.652	0.621	0.628	4.21	
5) S	2-Fluorophenol	1.264	1.214	1.225	1.125	1.220	1.164	1.098	1.187	5.03	
6)	Aniline	2.044	1.889	1.963	1.844	1.993	1.910	1.808	1.921	4.35	
7) S	Phenol-d6	1.530	1.449	1.459	1.367	1.467	1.403	1.328	1.429	4.77	
8)	2-Chlorophenol	1.345	1.293	1.315	1.252	1.338	1.285	1.223	1.293	3.44	
9)	Benzaldehyde	1.035	0.975	0.969	0.817	0.872	0.758	0.591	0.859	17.81	
10) C	Phenol	1.716	1.621	1.646	1.530	1.657	1.597	1.487	1.608	4.85	
11)	bis(2-Chloroet...	1.202	1.155	1.168	1.108	1.209	1.156	1.105	1.157	3.52	
12)	1,3-Dichlorobe...	1.562	1.470	1.473	1.389	1.482	1.407	1.317	1.443	5.48	
13) C	1,4-Dichlorobe...	1.540	1.476	1.491	1.407	1.495	1.430	1.335	1.453	4.70	
14)	1,2-Dichlorobe...	1.495	1.405	1.436	1.327	1.432	1.357	1.284	1.391	5.20	
15)	Benzyl Alcohol	1.059	1.024	1.058	1.021	1.131	1.073	1.026	1.056	3.69	
16)	2,2'-oxybis(1-...	2.082	1.978	1.983	1.868	2.011	1.898	1.786	1.944	5.11	
17)	2-Methylphenol	1.040	0.992	1.026	0.976	1.053	1.015	0.965	1.010	3.27	
18)	Hexachloroethane	0.533	0.503	0.523	0.489	0.529	0.497	0.477	0.507	4.23	
19) P	n-Nitroso-di-n...	0.923	0.941	0.880	0.900	0.843	0.912	0.866	0.819	0.886	4.69
20)	3+4-Methylphenols	1.412	1.319	1.337	1.246	1.337	1.250	1.149	1.293	6.59	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.480	0.453	0.459	0.429	0.452	0.428	0.399	0.443	5.98	
23) S	Nitrobenzene-d5	0.376	0.365	0.379	0.356	0.382	0.363	0.347	0.367	3.51	
24)	Nitrobenzene	0.338	0.328	0.338	0.323	0.343	0.331	0.316	0.331	2.94	
25)	Isophorone	0.636	0.615	0.620	0.593	0.638	0.607	0.585	0.613	3.26	
26) C	2-Nitrophenol	0.167	0.170	0.180	0.175	0.190	0.182	0.173	0.177	4.44	
27)	2,4-Dimethylph...	0.315	0.315	0.318	0.303	0.325	0.312	0.295	0.312	3.22	
28)	bis(2-Chloroet...	0.406	0.394	0.394	0.364	0.391	0.375	0.358	0.383	4.63	
29) C	2,4-Dichloroph...	0.288	0.282	0.290	0.276	0.300	0.283	0.266	0.283	3.74	
30)	1,2,4-Trichlor...	0.325	0.313	0.317	0.295	0.320	0.300	0.284	0.308	4.89	
31)	Naphthalene	1.061	1.021	1.020	0.941	1.007	0.953	0.891	0.985	5.94	
32)	Benzoic acid		0.153	0.176	0.188	0.211	0.209	0.201	0.190	11.73	
33)	4-Chloroaniline	0.424	0.409	0.416	0.389	0.415	0.397	0.343	0.399	6.87	
34) C	Hexachlorobuta...	0.203	0.192	0.197	0.187	0.198	0.192	0.176	0.192	4.52	
35)	Caprolactam	0.081	0.076	0.083	0.079	0.085	0.078	0.076	0.080	4.29	
36) C	4-Chloro-3-met...	0.304	0.290	0.299	0.282	0.301	0.287	0.271	0.291	4.02	
37)	2-Methylnaphth...	0.679	0.638	0.646	0.590	0.631	0.598	0.556	0.620	6.62	
38)	1-Methylnaphth...	0.703	0.668	0.672	0.615	0.650	0.611	0.566	0.641	7.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF052025.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.592	0.580	0.588	0.552	0.592	0.573	0.544	0.574	3.39	
41) P	Hexachlorocycl...	0.318	0.350	0.383	0.393	0.430	0.425	0.411	0.387	10.57	
42) S	2,4,6-Tribromo...	0.230	0.225	0.234	0.211	0.233	0.218	0.202	0.222	5.39	
43) C	2,4,6-Trichlor...	0.387	0.373	0.406	0.371	0.406	0.388	0.379	0.387	3.69	
44)	2,4,5-Trichlor...	0.410	0.411	0.416	0.395	0.437	0.408	0.381	0.408	4.27	
45) S	2-Fluorobiphenyl	1.726	1.619	1.558	1.387	1.480	1.396	1.268	1.490	10.46	
46)	1,1'-Biphenyl	1.672	1.605	1.595	1.480	1.595	1.507	1.408	1.552	5.82	
47)	2-Chloronaphth...	1.218	1.170	1.177	1.094	1.183	1.122	1.061	1.146	4.84	
48)	2-Nitroaniline	0.333	0.318	0.338	0.324	0.354	0.332	0.320	0.331	3.72	
49)	Acenaphthylene	2.064	1.982	2.027	1.851	1.998	1.885	1.745	1.936	5.85	
50)	Dimethylphthalate	1.441	1.340	1.367	1.255	1.366	1.256	1.211	1.320	6.16	
51)	2,6-Dinitrotol...	0.290	0.283	0.289	0.280	0.302	0.281	0.268	0.285	3.74	
52) C	Acenaphthene	1.259	1.222	1.227	1.120	1.223	1.146	1.077	1.182	5.72	
53)	3-Nitroaniline	0.320	0.309	0.327	0.299	0.330	0.305	0.287	0.311	5.02	
54) P	2,4-Dinitrophenol		0.110	0.137	0.149	0.169	0.160	0.158	0.147	14.36	
55)	Dibenzofuran	1.886	1.766	1.768	1.606	1.736	1.635	1.509	1.701	7.38	
56) P	4-Nitrophenol	0.221	0.217	0.242	0.227	0.252	0.229	0.220	0.230	5.57	
57)	2,4-Dinitrotol...	0.372	0.367	0.387	0.364	0.398	0.372	0.344	0.372	4.62	
58)	Fluorene	1.477	1.399	1.372	1.231	1.343	1.238	1.140	1.314	8.85	
59)	2,3,4,6-Tetrac...	0.347	0.336	0.360	0.333	0.361	0.333	0.317	0.341	4.71	
60)	Diethylphthalate	1.422	1.310	1.359	1.231	1.343	1.218	1.140	1.289	7.51	
61)	4-Chlorophenyl...	0.724	0.678	0.676	0.609	0.653	0.612	0.566	0.646	8.25	
62)	4-Nitroaniline	0.303	0.283	0.303	0.277	0.294	0.265	0.251	0.282	6.95	
63)	Azobenzene	1.239	1.194	1.188	1.107	1.197	1.123	1.055	1.158	5.55	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.086	0.094	0.110	0.115	0.129	0.125	0.123	0.112	14.72	
66) c	n-Nitrosodiphe...	0.712	0.682	0.696	0.649	0.697	0.694	0.660	0.684	3.30	
67)	4-Bromophenyl-...	0.240	0.235	0.239	0.222	0.246	0.243	0.230	0.236	3.45	
68)	Hexachlorobenzene	0.265	0.267	0.263	0.251	0.273	0.262	0.250	0.262	3.19	
69)	Atrazine	0.184	0.174	0.186	0.178	0.196	0.181	0.174	0.182	4.29	
70) C	Pentachlorophenol	0.130	0.135	0.149	0.147	0.162	0.157	0.154	0.148	7.88	
71)	Phenanthrene	1.196	1.094	1.100	1.012	1.085	1.033	0.964	1.069	7.00	
72)	Anthracene	1.191	1.132	1.124	1.036	1.110	1.048	0.996	1.091	6.15	
73)	Carbazole	1.030	0.968	0.982	0.889	0.950	0.877	0.832	0.933	7.39	
74)	Di-n-butylphth...	1.108	1.039	1.083	0.976	1.059	0.974	0.908	1.021	6.95	
75) C	Fluoranthene	1.177	1.081	1.052	0.938	0.997	0.901	0.846	0.999	11.41	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.670	0.782	0.903	0.797	0.805	0.698	0.556	0.744	15.12	
78)	Pyrene	1.929	1.967	2.066	1.859	1.959	1.773	1.507	1.866	9.79	
79) S	Terphenyl-d14	1.624	1.582	1.660	1.423	1.492	1.337	1.126	1.464	12.80	
80)	Butylbenzylpht...	0.462	0.453	0.525	0.526	0.575	0.550	0.517	0.516	8.54	
81)	Benzo(a)anthra...	1.424	1.287	1.403	1.278	1.391	1.327	1.238	1.336	5.36	
82)	3,3'-Dichlorob...	0.360	0.364	0.402	0.407	0.444	0.442	0.417	0.405	8.30	
83)	Chrysene	1.222	1.204	1.193	1.145	1.255	1.223	1.158	1.200	3.20	
84)	Bis(2-ethylhex...	0.510	0.548	0.618	0.673	0.765	0.778	0.727	0.660	15.91	
85) c	Di-n-octyl pht...		0.958	1.108	1.266	1.432	1.542	1.437	1.290	17.30	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.421	1.495	1.583	1.448	1.583	1.546	1.434	1.501	4.64
88)	Benzo(b)fluora...	1.317	1.105	1.293	1.126	1.209	1.122	1.114	1.184	7.62
89)	Benzo(k)fluora...	1.191	1.166	1.032	1.042	1.178	1.128	1.023	1.109	6.68
90) C	Benzo(a)pyrene	1.154	1.081	1.114	1.081	1.185	1.133	1.062	1.116	4.00
91)	Dibenzo(a,h)an...	1.152	1.228	1.275	1.184	1.290	1.245	1.149	1.218	4.67
92)	Benzo(g,h,i)pe...	1.154	1.220	1.270	1.180	1.299	1.245	1.158	1.218	4.64

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142467.D
Acq On : 20 May 2025 12:10
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 20 16:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

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

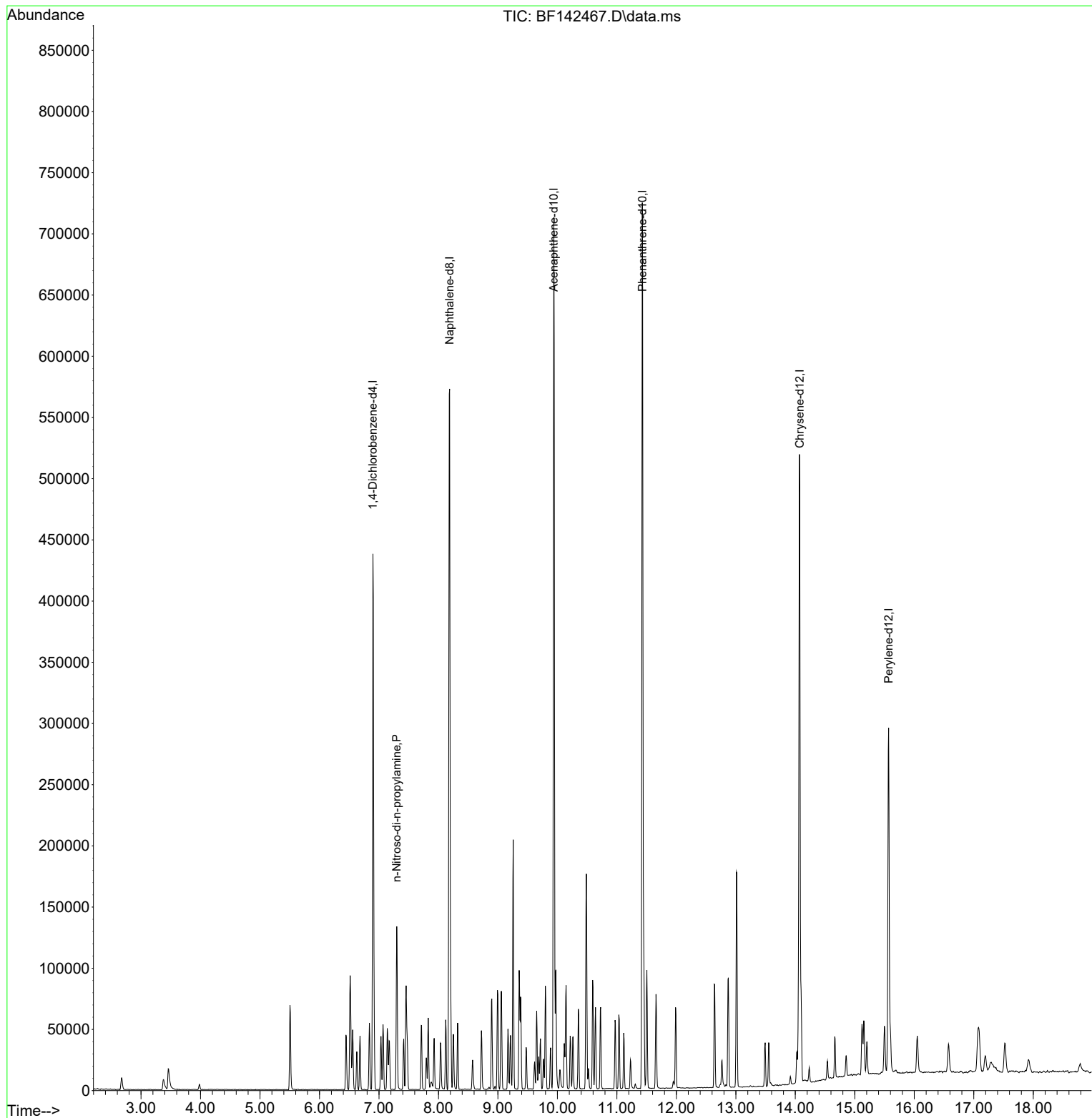
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	93808	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	371457	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	211662	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	381744	20.000	ng	0.00
76) Chrysene-d12	14.074	240	236443	20.000	ng	0.00
86) Perylene-d12	15.568	264	169046	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...	7.298	70	10828	2.607	ng	97

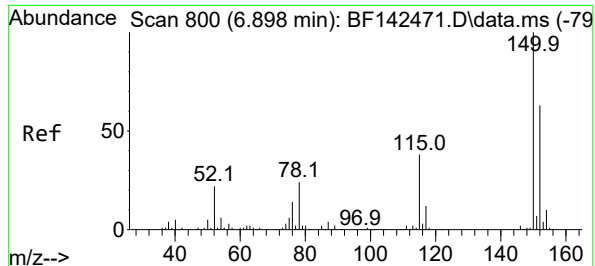
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142467.D
Acq On : 20 May 2025 12:10
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 20 16:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.898 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF142467.D

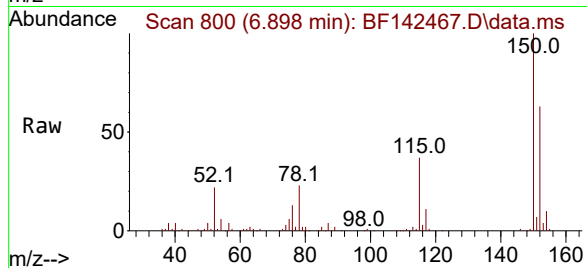
Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



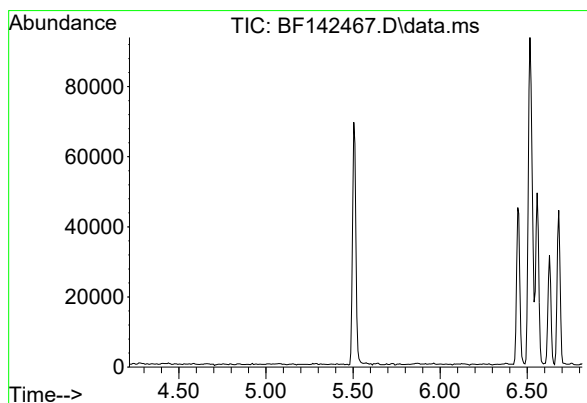
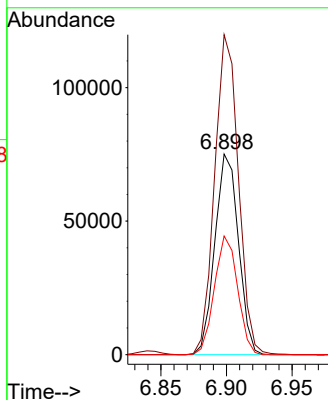
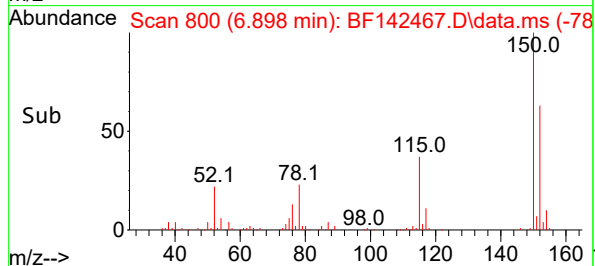
Tgt Ion:152 Resp: 93808

Ion Ratio Lower Upper

152 100

150 159.5 128.2 192.4

115 59.2 48.3 72.5



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.52 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

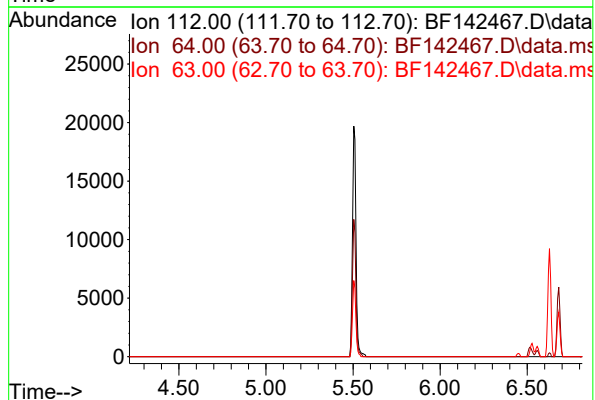
Tgt Ion: 112

Sig Exp Ratio

112 100

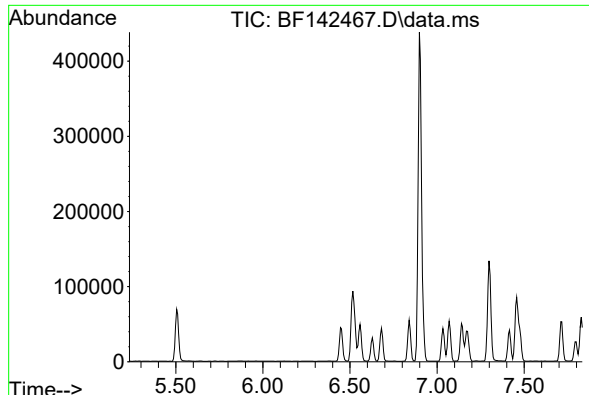
64 59.4

63 31.1



Ion 64.00 (63.70 to 64.70): BF142467.D\data.ms

Ion 63.00 (62.70 to 63.70): BF142467.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.53 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

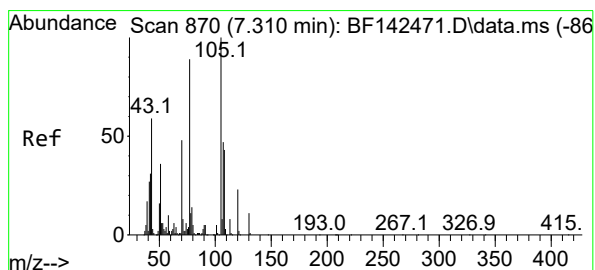
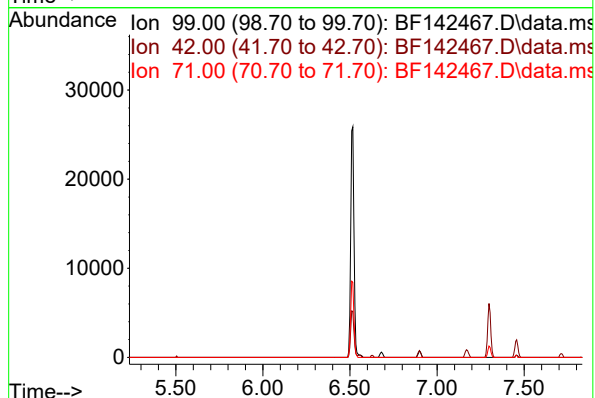
Tgt Ion: 99

Sig Exp Ratio

99 100

42 20.2

71 34.1



#19

n-Nitroso-di-n-propylamine

Concen: 2.607 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.029 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

Tgt Ion: 70 Resp: 10828

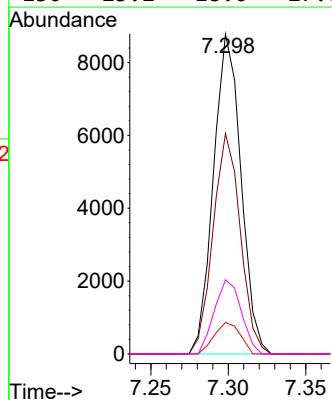
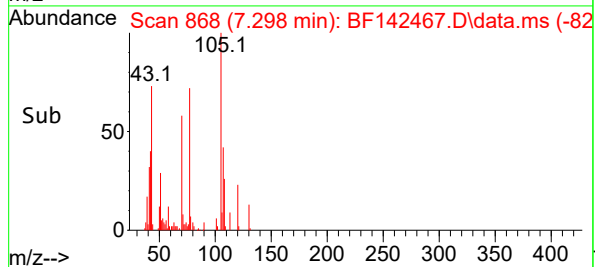
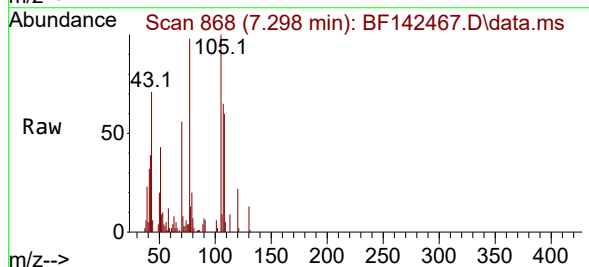
Ion Ratio Lower Upper

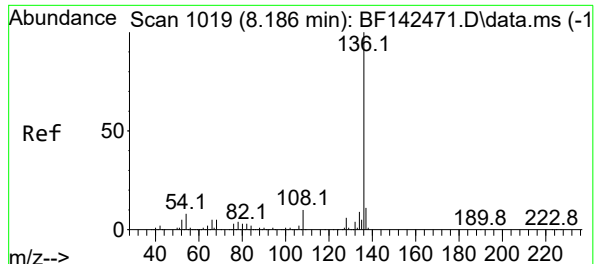
70 100

42 68.8 52.4 78.6

101 9.9 7.8 11.8

130 23.2 18.0 27.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142467.D

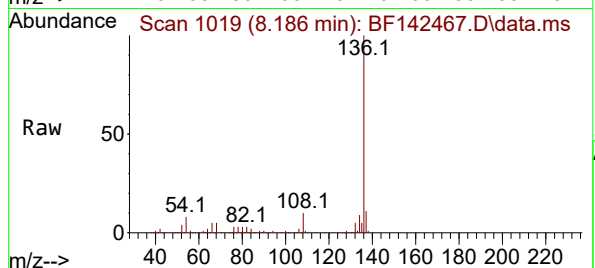
Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 371457

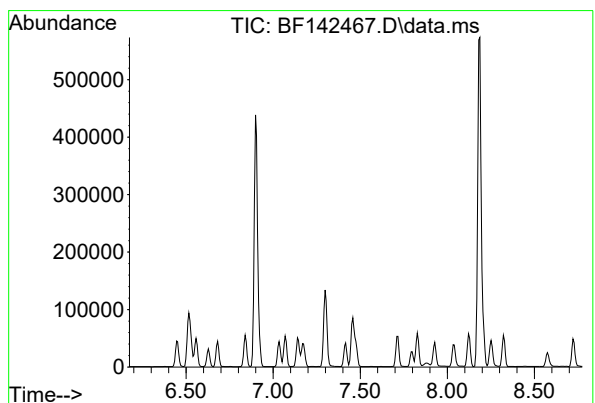
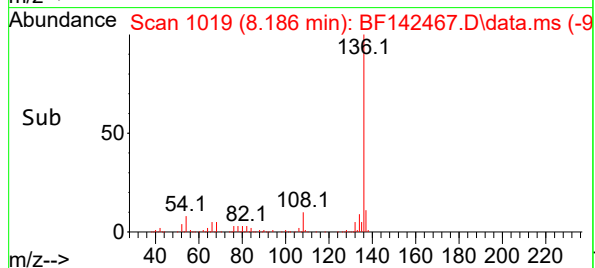
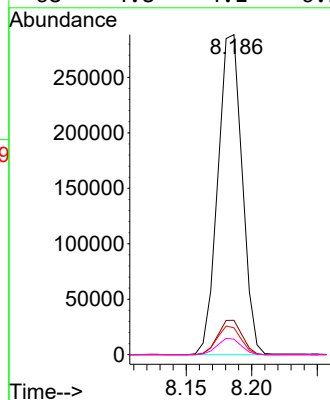
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.4 6.6 10.0

68 4.8 4.1 6.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.47 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

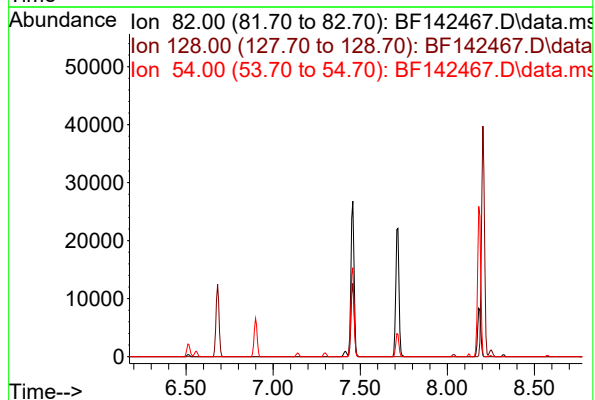
Tgt Ion: 82

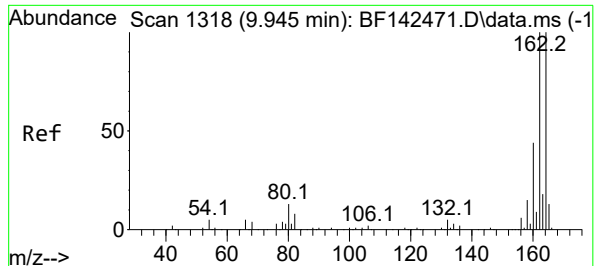
Sig Exp Ratio

82 100

128 46.8

54 58.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142467.D

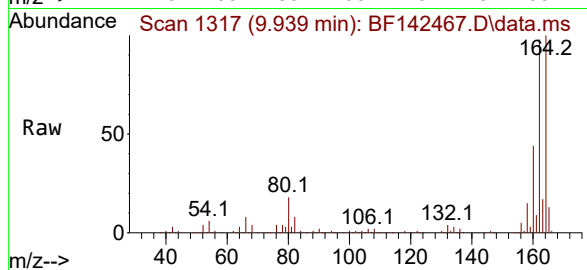
Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



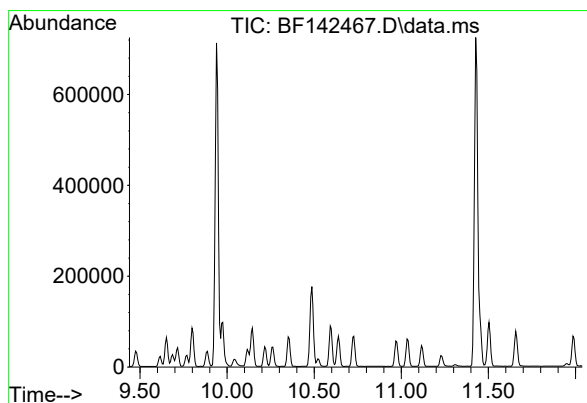
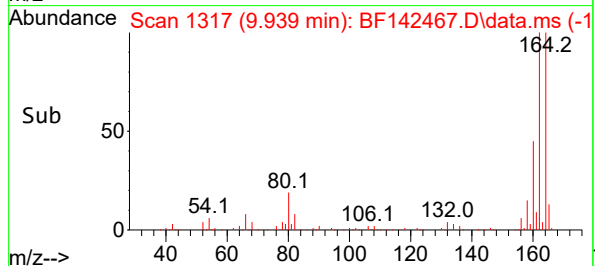
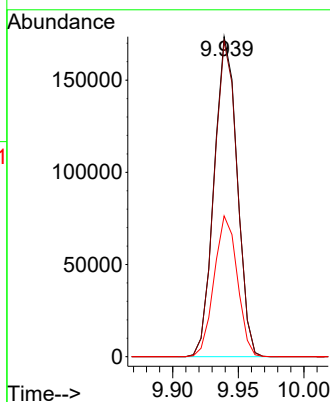
Tgt Ion:164 Resp: 211662

Ion Ratio Lower Upper

164 100

162 98.5 80.2 120.4

160 44.0 35.6 53.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.74 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

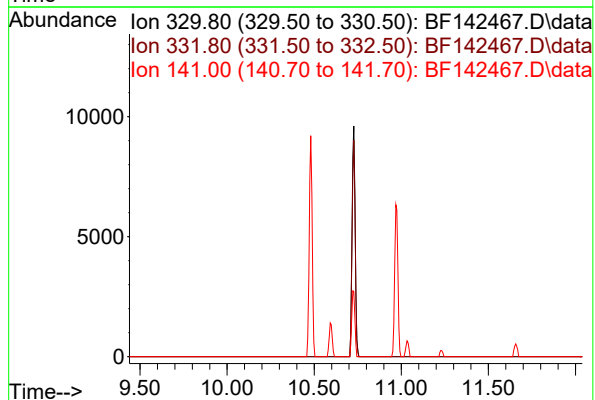
Tgt Ion: 330

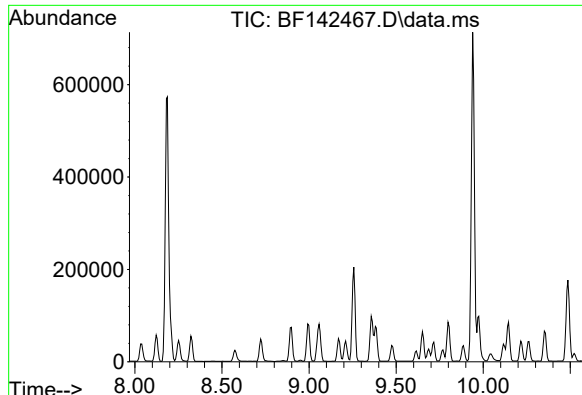
Sig Exp Ratio

330 100

332 97.0

141 30.7





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.27 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

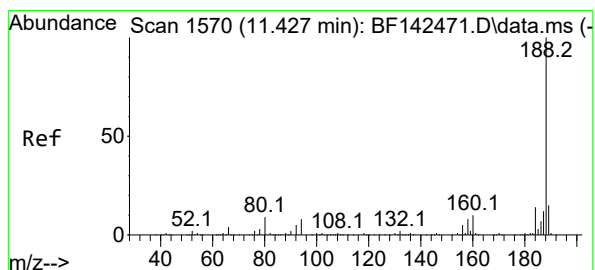
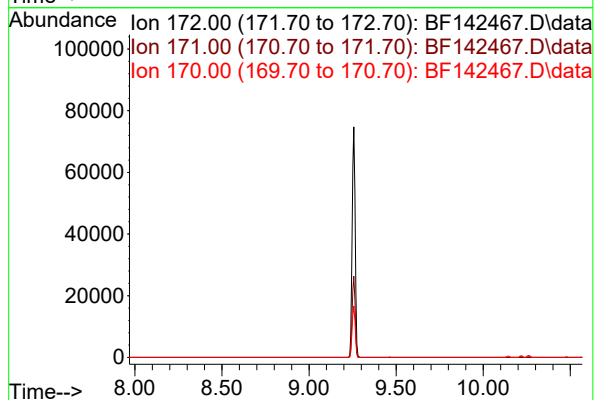
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.7

170 23.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142467.D

Acq: 20 May 2025 12:10

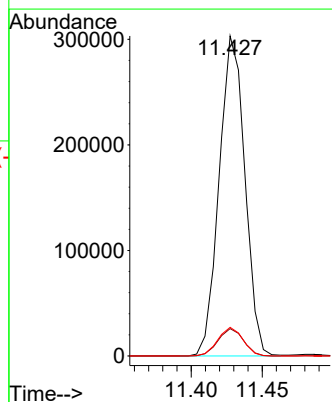
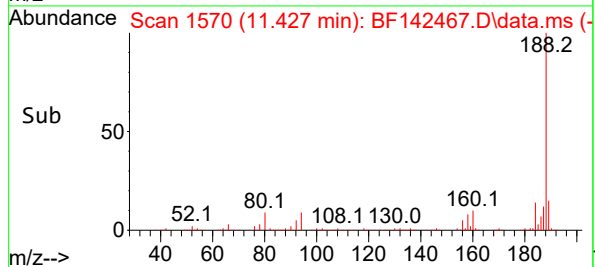
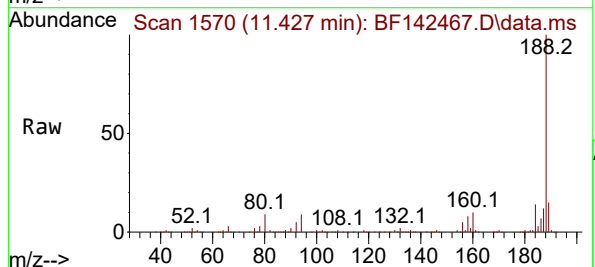
Tgt Ion:188 Resp: 381744

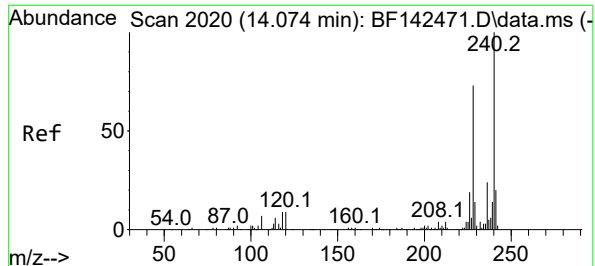
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

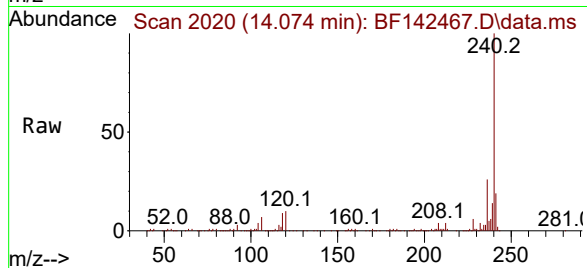
80 9.0 7.4 11.0



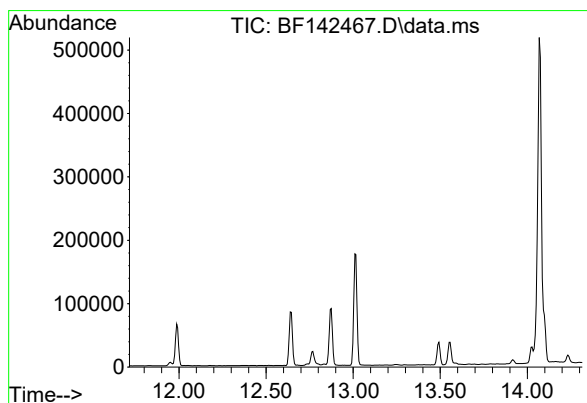
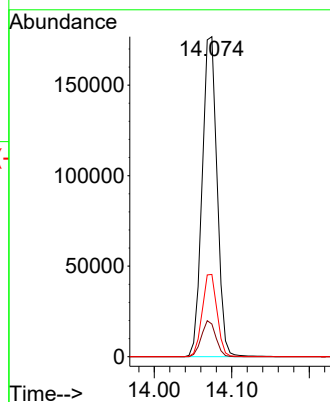
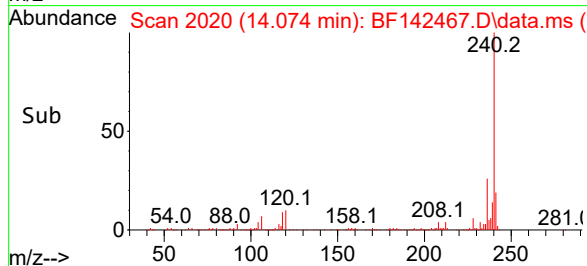


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



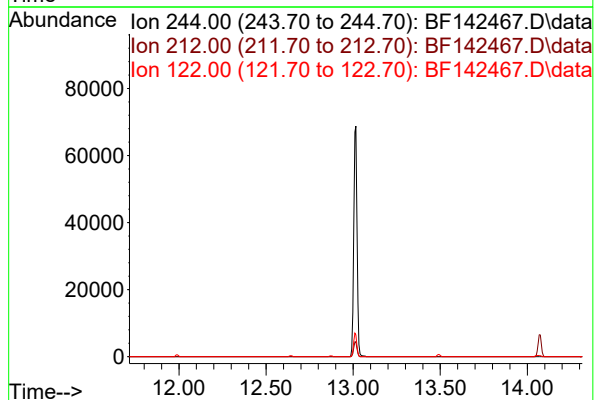
Tgt Ion:240 Resp: 236443
Ion Ratio Lower Upper
240 100
120 10.2 7.5 11.3
236 25.7 19.6 29.4



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.02 min

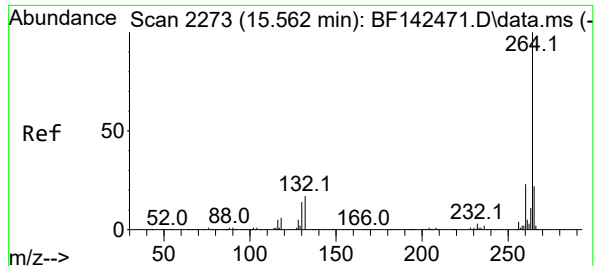
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.6
122 10.2



Ion 212.00 (211.70 to 212.70): BF142467.D\data

Ion 122.00 (121.70 to 122.70): BF142467.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142467.D

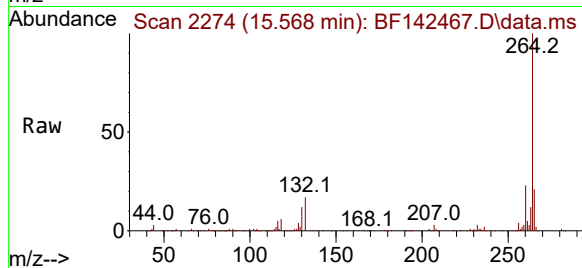
Acq: 20 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



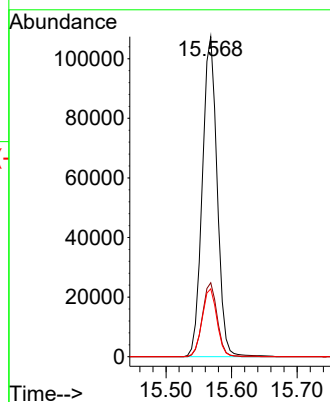
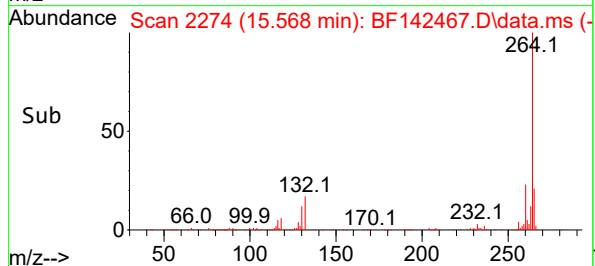
Tgt Ion:264 Resp: 169046

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.2 17.7 26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142468.D
 Acq On : 20 May 2025 12:38
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: May 20 16:54:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	87254	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	345154	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	197100	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	349474	20.000	ng	0.00
76) Chrysene-d12	14.074	240	218524	20.000	ng	0.00
86) Perylene-d12	15.568	264	154887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	55140	10.647	ng	-0.01
7) Phenol-d6	6.516	99	66768	10.710	ng	-0.02
23) Nitrobenzene-d5	7.457	82	64876	10.249	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	22702	10.378	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	170142	11.583	ng	-0.01
79) Terphenyl-d14	13.016	244	177430	11.096	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	10748	5.186	ng	97
3) Pyridine	3.451	79	26993	5.115	ng	98
4) n-Nitrosodimethylamine	3.369	42	13346	4.870	ng	# 97
6) Aniline	6.557	93	44576	5.318	ng	98
8) 2-Chlorophenol	6.681	128	29341	5.201	ng	98
9) Benzaldehyde	6.445	77	22572	6.020	ng	98
10) Phenol	6.528	94	37431	5.336	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	26215	5.192	ng	98
12) 1,3-Dichlorobenzene	6.839	146	34073	5.413	ng	97
13) 1,4-Dichlorobenzene	6.916	146	33593	5.298	ng	99
14) 1,2-Dichlorobenzene	7.069	146	32604	5.374	ng	99
15) Benzyl Alcohol	7.034	79	23103	5.015	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	45414	5.355	ng	99
17) 2-Methylphenol	7.139	107	22693	5.153	ng	98
18) Hexachloroethane	7.416	117	11635	5.255	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	20527	5.313	ng	96
20) 3+4-Methylphenols	7.292	107	30797	5.460	ng	# 88
22) Acetophenone	7.304	105	41438	5.423	ng	99
24) Nitrobenzene	7.475	77	29193	5.114	ng	96
25) Isophorone	7.716	82	54838	5.182	ng	98
26) 2-Nitrophenol	7.798	139	14387	4.716	ng	99
27) 2,4-Dimethylphenol	7.828	122	27170	5.051	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	35010	5.296	ng	97
29) 2,4-Dichlorophenol	8.034	162	24812	5.072	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	28037	5.281	ng	97
31) Naphthalene	8.204	128	91563	5.388	ng	100
33) 4-Chloroaniline	8.251	127	36597	5.314	ng	98
34) Hexachlorobutadiene	8.322	225	17505	5.280	ng	99
35) Caprolactam	8.581	113	7020	5.109	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	26197	5.225	ng	97
37) 2-Methylnaphthalene	8.898	142	58574	5.478	ng	99
38) 1-Methylnaphthalene	8.992	142	60674	5.486	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	29150	5.152	ng	99
41) Hexachlorocyclopentadiene	9.051	237	15667	4.105	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	19079	5.001	ng	99
44) 2,4,5-Trichlorophenol	9.210	196	20200	5.020	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142468.D
 Acq On : 20 May 2025 12:38
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

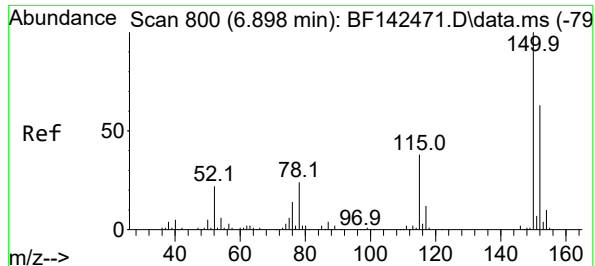
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: May 20 16:54:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	82376	5.387	ng	99
47) 2-Chloronaphthalene	9.386	162	60002	5.311	ng	97
48) 2-Nitroaniline	9.475	65	16399	5.022	ng	95
49) Acenaphthylene	9.798	152	101686	5.330	ng	99
50) Dimethylphthalate	9.651	163	71020	5.461	ng	99
51) 2,6-Dinitrotoluene	9.716	165	14295	5.093	ng	97
52) Acenaphthene	9.975	154	62026	5.325	ng	99
53) 3-Nitroaniline	9.886	138	15749	5.137	ng	99
55) Dibenzofuran	10.145	168	92955	5.545	ng	98
56) 4-Nitrophenol	10.039	139	10876	4.808	ng	93
57) 2,4-Dinitrotoluene	10.116	165	18322	4.998	ng	91
58) Fluorene	10.486	166	72775	5.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	17096	5.090	ng	98
60) Diethylphthalate	10.357	149	70046	5.515	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	35694	5.611	ng	97
62) 4-Nitroaniline	10.492	138	14920	5.366	ng	95
63) Azobenzene	10.639	77	61041	5.351	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	7475	3.833	ng	90
66) n-Nitrosodiphenylamine	10.592	169	62215	5.204	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	20974	5.076	ng	98
68) Hexachlorobenzene	11.039	284	23159	5.067	ng	100
69) Atrazine	11.122	200	16045	5.053	ng	98
70) Pentachlorophenol	11.233	266	11357	4.401	ng	96
71) Phenanthrene	11.451	178	104484	5.594	ng	100
72) Anthracene	11.504	178	104017	5.457	ng	100
73) Carbazole	11.657	167	89967	5.521	ng	99
74) Di-n-butylphthalate	11.986	149	96777	5.426	ng	99
75) Fluoranthene	12.645	202	102797	5.890	ng	99
77) Benzidine	12.763	184	36585	4.499	ng	98
78) Pyrene	12.874	202	105394	5.170	ng	99
80) Butylbenzylphthalate	13.492	149	25251	4.483	ng	96
81) Benzo(a)anthracene	14.063	228	77800	5.332	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	19673	4.445	ng	98
83) Chrysene	14.098	228	66761	5.092	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	27864	3.864	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	55034	4.733	ng	99
88) Benzo(b)fluoranthene	15.121	252	51014	5.565	ng	98
89) Benzo(k)fluoranthene	15.151	252	46114	5.371	ng	98
90) Benzo(a)pyrene	15.498	252	44694	5.172	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	44618	4.731	ng	98
92) Benzo(g,h,i)perylene	17.527	276	44684	4.737	ng	97

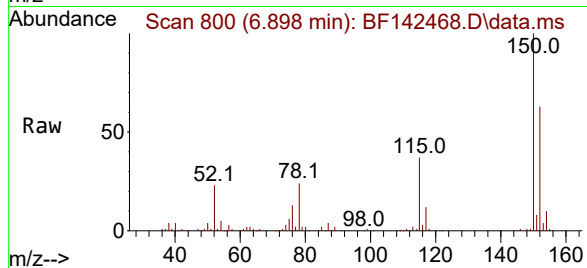
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

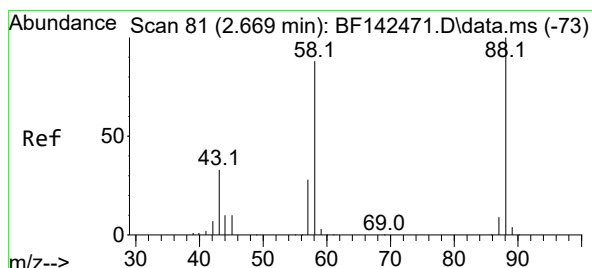
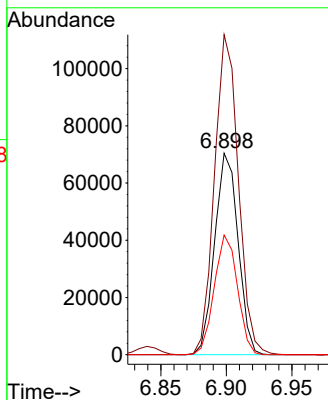
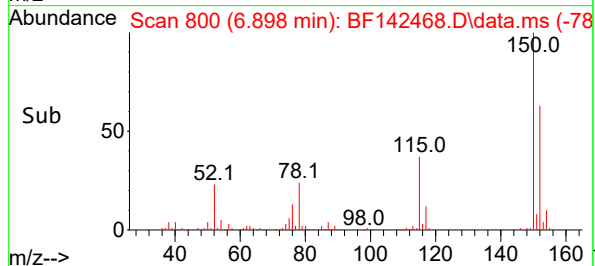


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

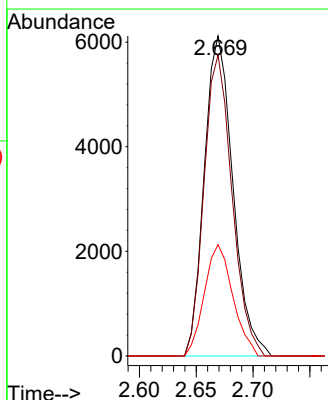
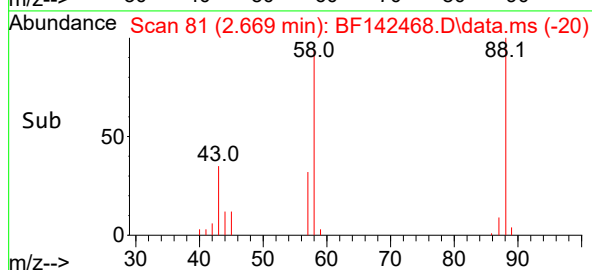
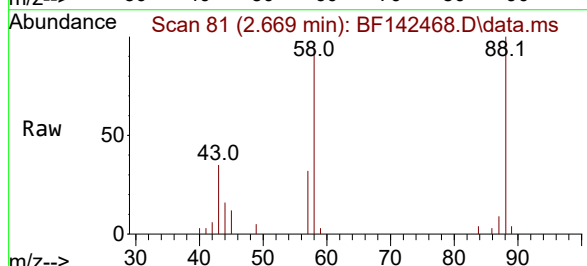


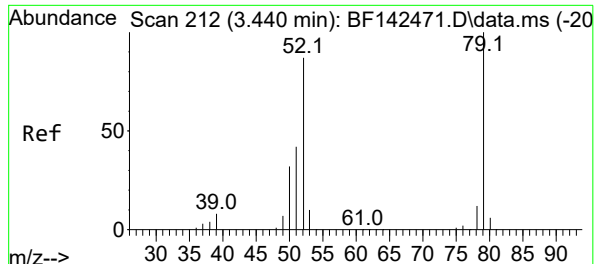
Tgt Ion:152 Resp: 87254
Ion Ratio Lower Upper
152 100
150 158.8 128.2 192.4
115 59.4 48.3 72.5



#2
1,4-Dioxane
Concen: 5.186 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 88 Resp: 10748
Ion Ratio Lower Upper
88 100
58 91.6 70.8 106.2
43 34.5 26.6 40.0





#3

Pyridine

Concen: 5.115 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

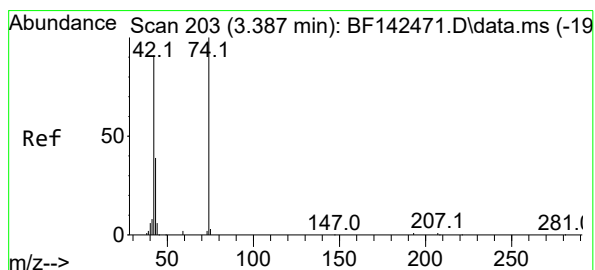
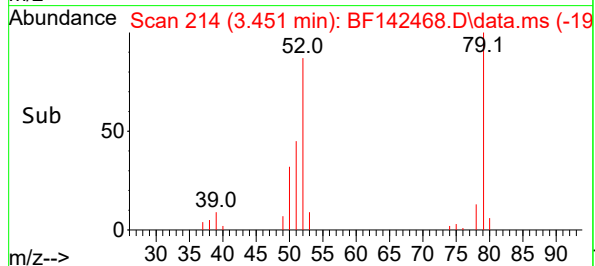
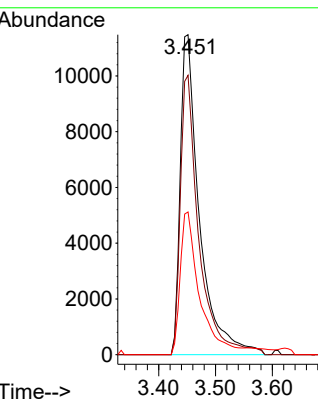
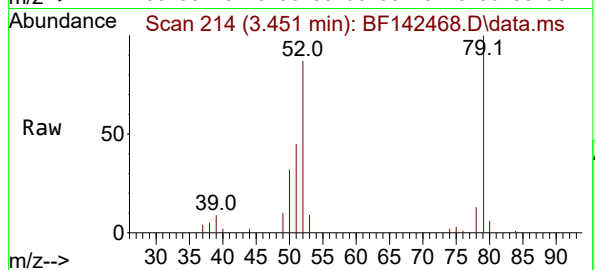
Tgt Ion: 79 Resp: 26993

Ion Ratio Lower Upper

79 100

52 87.3 69.2 103.8

51 44.6 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 4.870 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.035 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

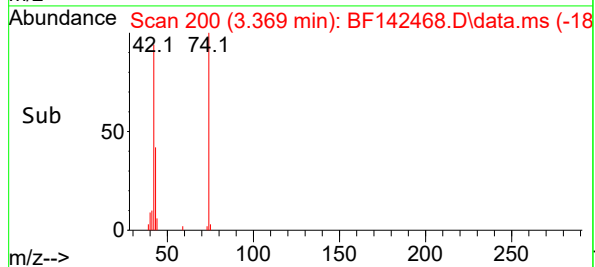
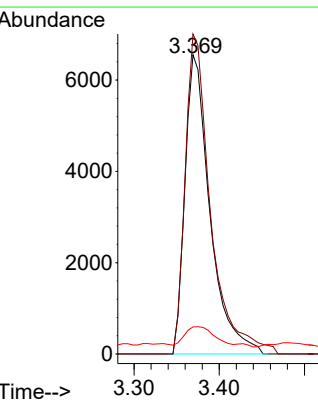
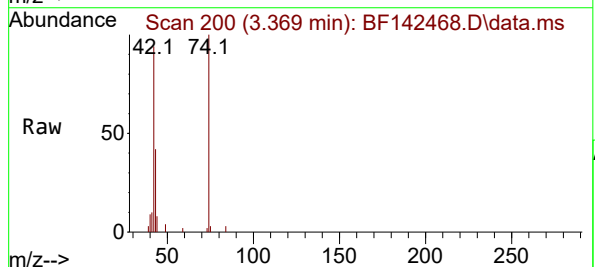
Tgt Ion: 42 Resp: 13346

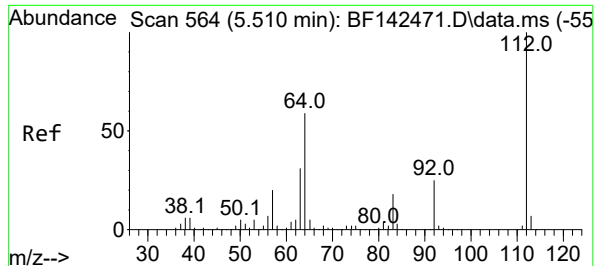
Ion Ratio Lower Upper

42 100

74 106.9 88.2 132.4

44 9.1 5.4 8.2#

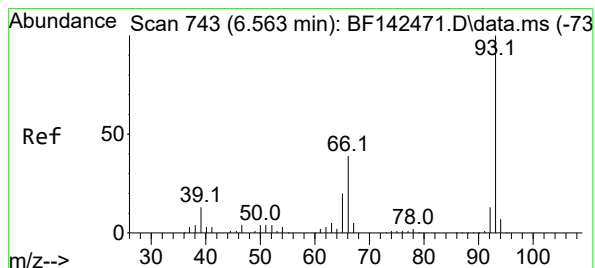
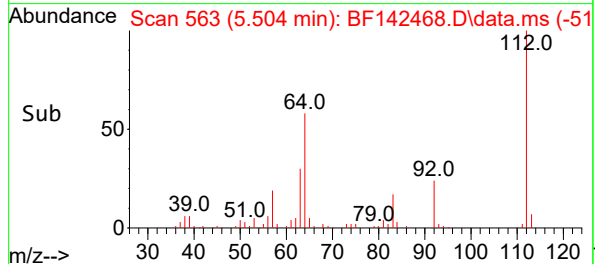
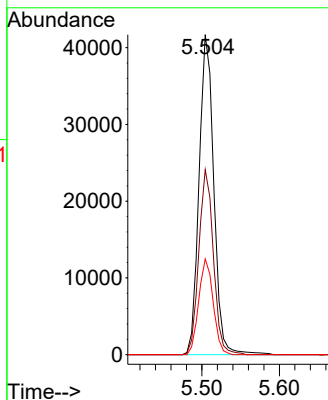
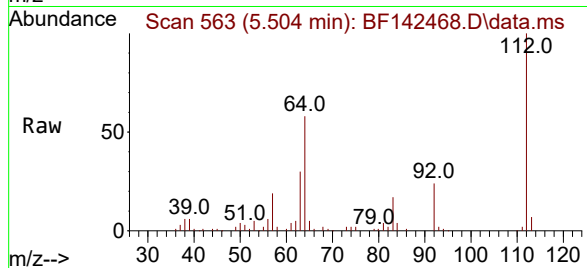




#5
2-Fluorophenol
Concen: 10.647 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

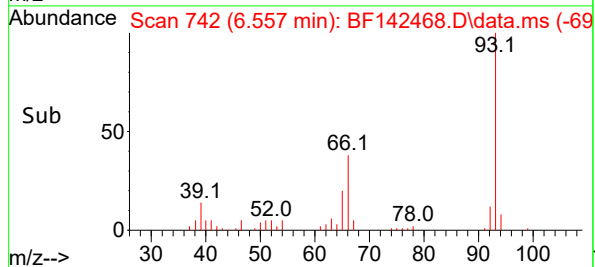
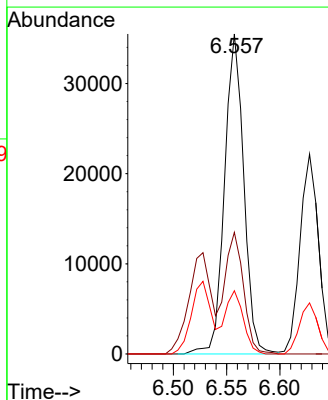
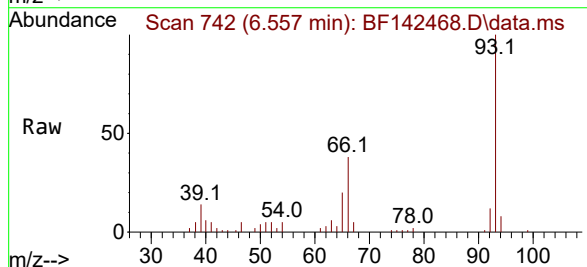
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

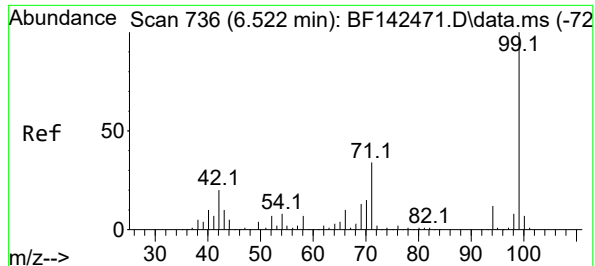
Tgt Ion:112 Resp: 55140
Ion Ratio Lower Upper
112 100
64 57.8 47.5 71.3
63 29.9 24.9 37.3



#6
Aniline
Concen: 5.318 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 93 Resp: 44576
Ion Ratio Lower Upper
93 100
66 38.0 32.0 48.0
65 19.7 16.1 24.1





#7

Phenol-d6

Concen: 10.710 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

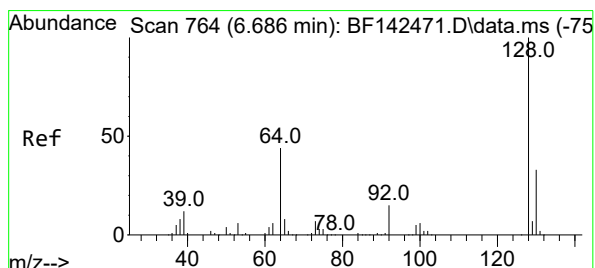
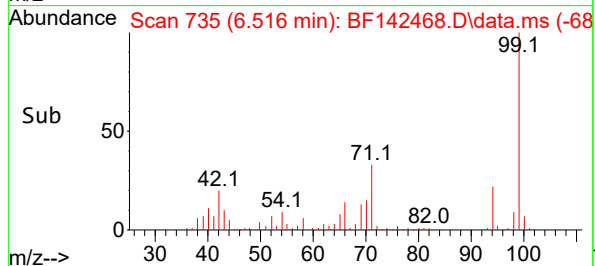
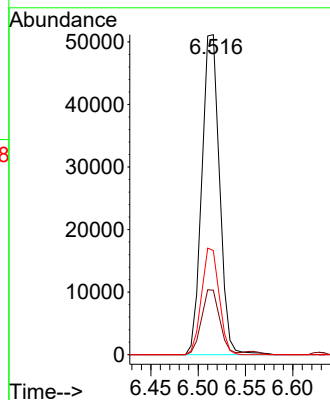
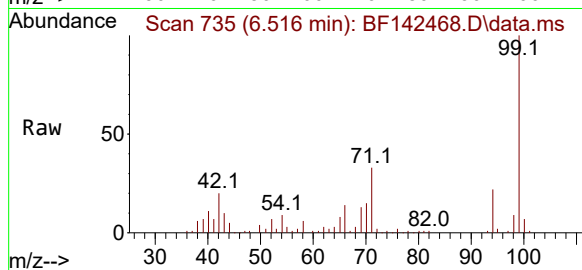
Tgt Ion: 99 Resp: 66768

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

71 32.6 27.3 40.9



#8

2-Chlorophenol

Concen: 5.201 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

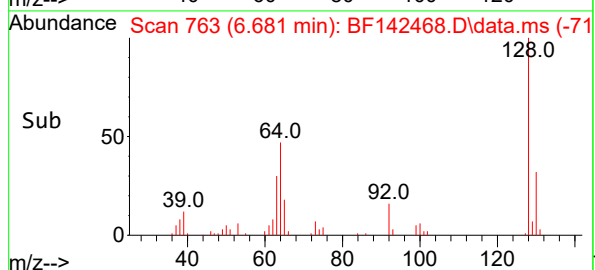
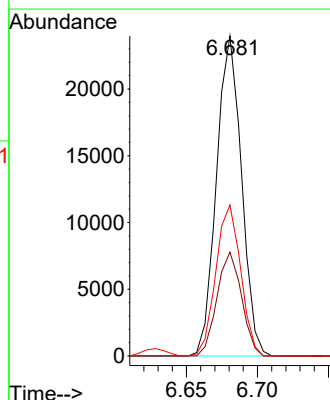
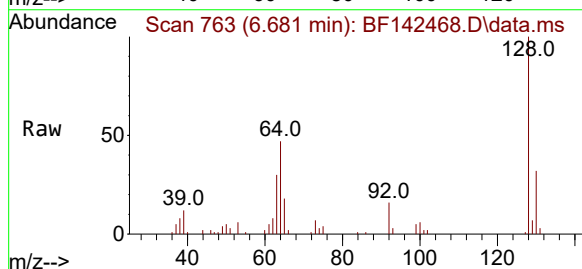
Tgt Ion: 128 Resp: 29341

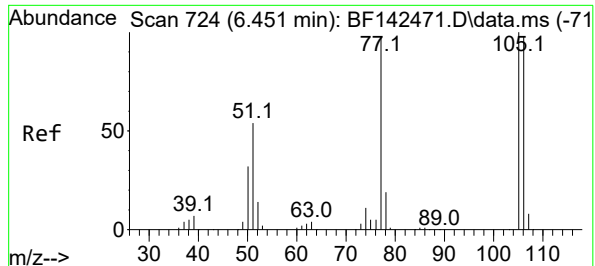
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 47.2 25.1 65.1





#9

Benzaldehyde

Concen: 6.020 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

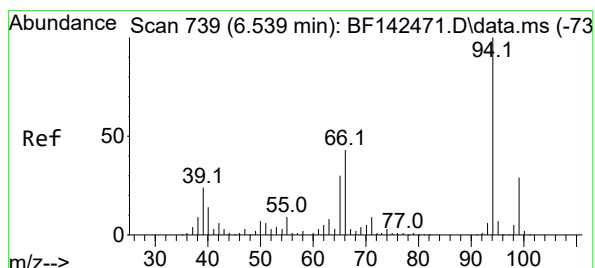
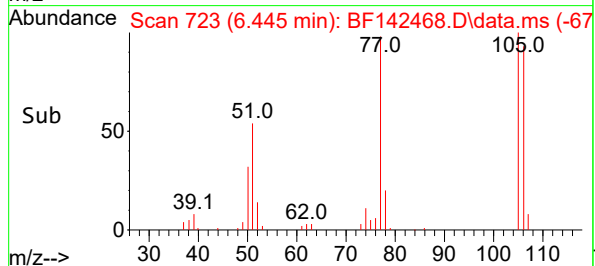
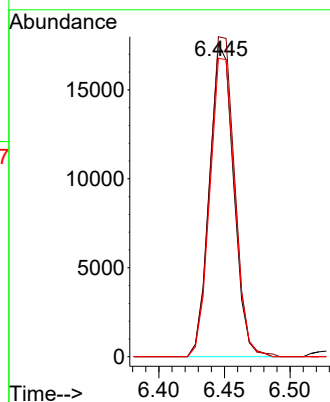
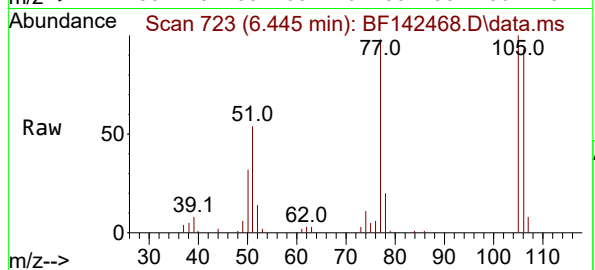
Tgt Ion: 77 Resp: 22572

Ion Ratio Lower Upper

77 100

105 102.2 82.5 122.5

106 95.3 80.0 120.0



#10

Phenol

Concen: 5.336 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.023 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

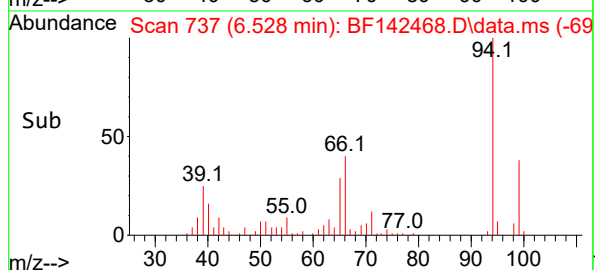
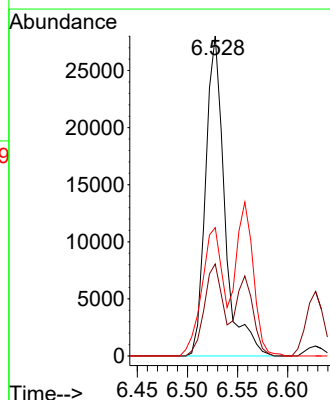
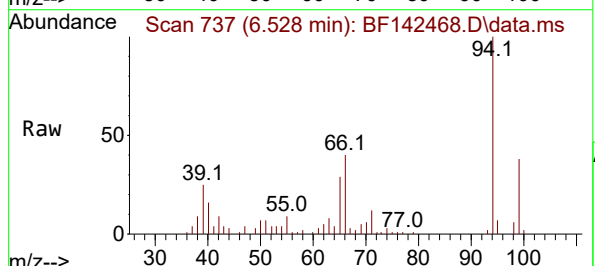
Tgt Ion: 94 Resp: 37431

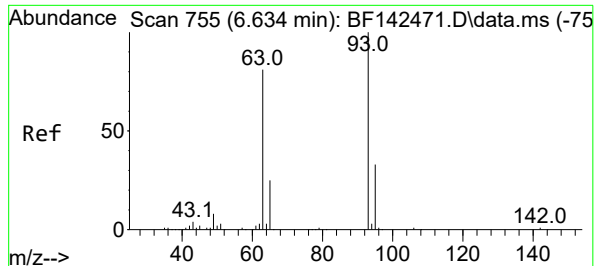
Ion Ratio Lower Upper

94 100

65 28.8 10.3 50.3

66 40.1 22.6 62.6

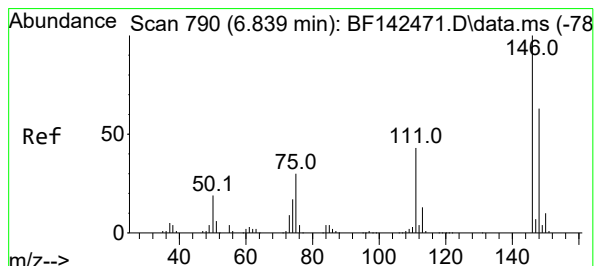
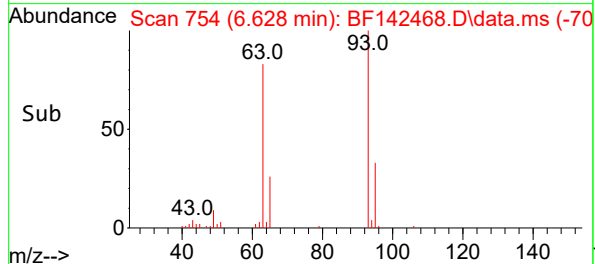
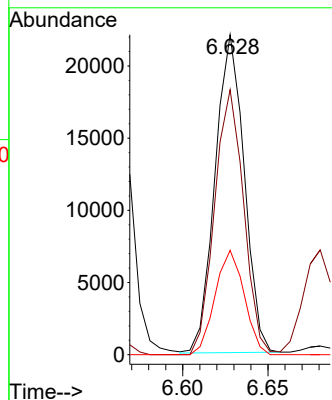
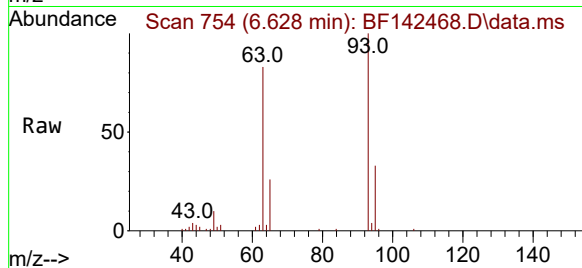




#11
bis(2-Chloroethyl)ether
Concen: 5.192 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

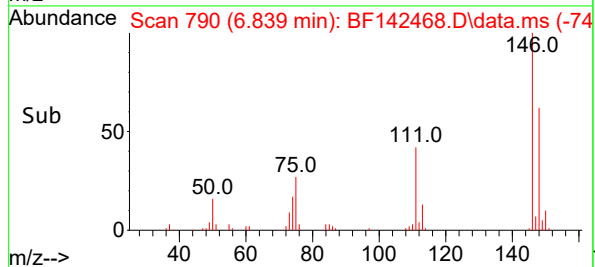
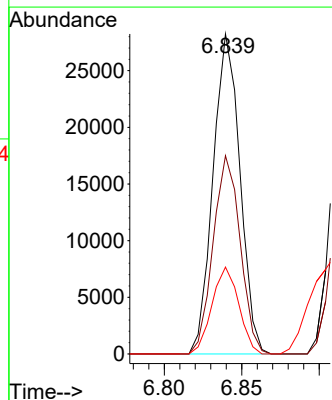
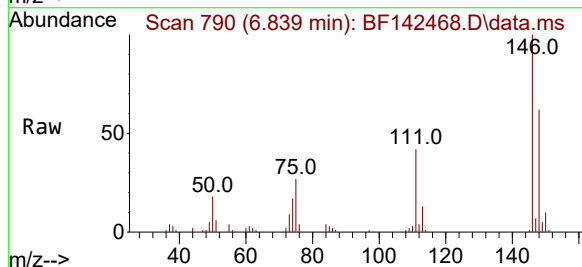
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

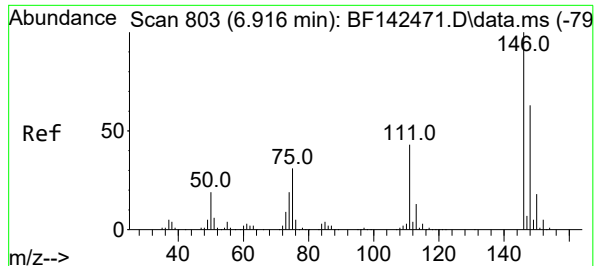
Tgt Ion:	93	Resp:	26215
Ion	Ratio	Lower	Upper
93	100		
63	82.8	60.2	100.2
95	32.6	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 5.413 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:	146	Resp:	34073
Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.6	75.8
75	27.1	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 5.298 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

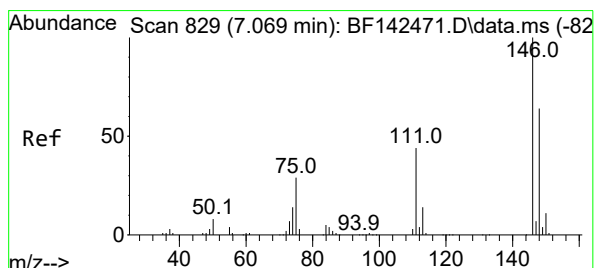
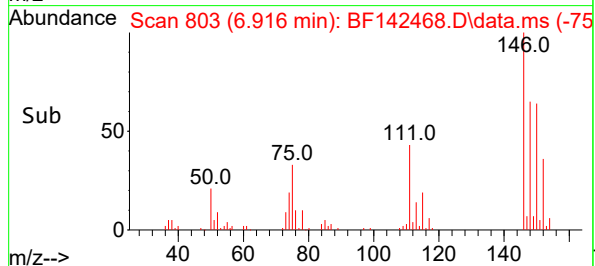
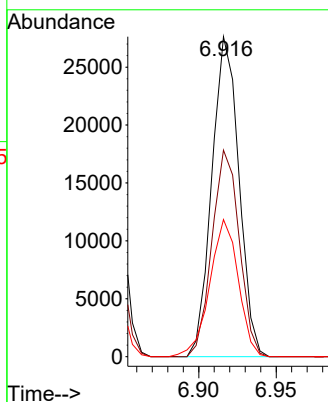
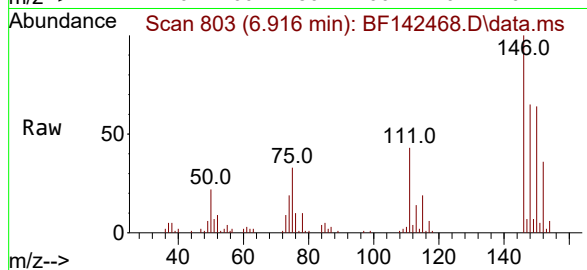
Tgt Ion:146 Resp: 33593

Ion Ratio Lower Upper

146 100

148 64.6 50.4 75.6

111 42.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 5.374 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

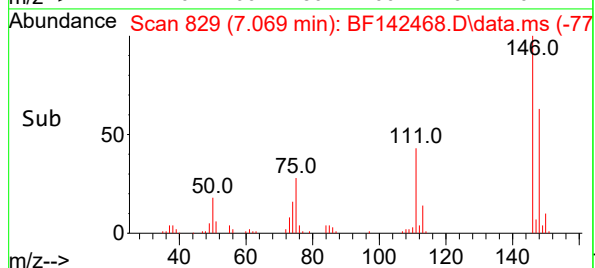
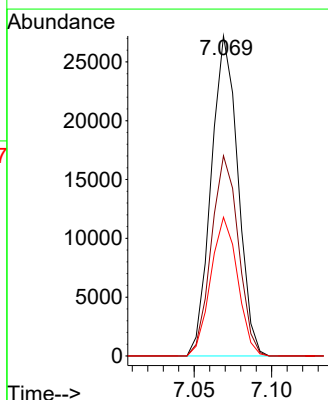
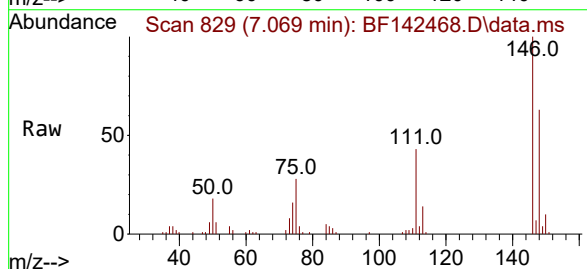
Tgt Ion:146 Resp: 32604

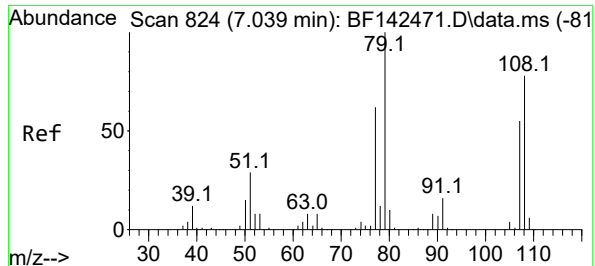
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.4

111 43.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 5.015 ng

RT: 7.034 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

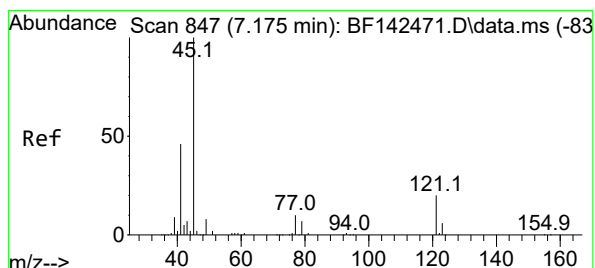
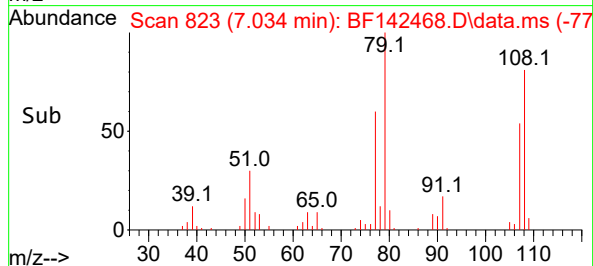
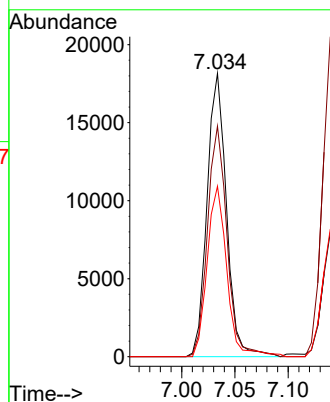
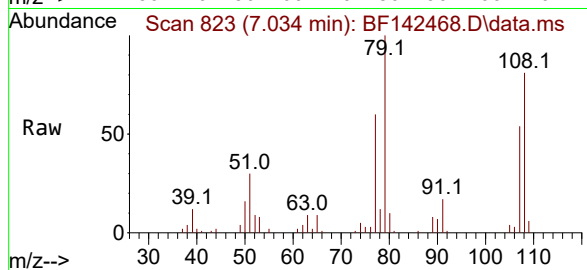
Tgt Ion: 79 Resp: 23103

Ion Ratio Lower Upper

79 100

108 81.4 62.1 93.1

77 60.2 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.355 ng

RT: 7.169 min Scan# 846

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

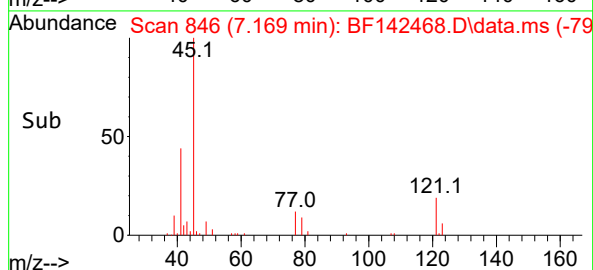
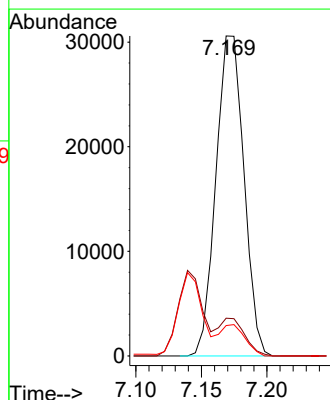
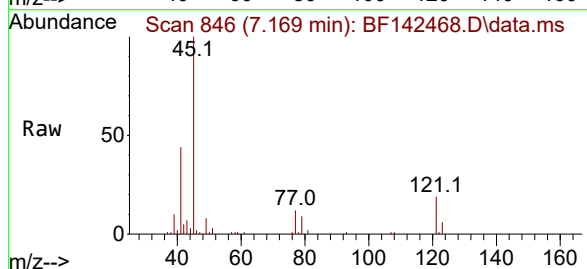
Tgt Ion: 45 Resp: 45414

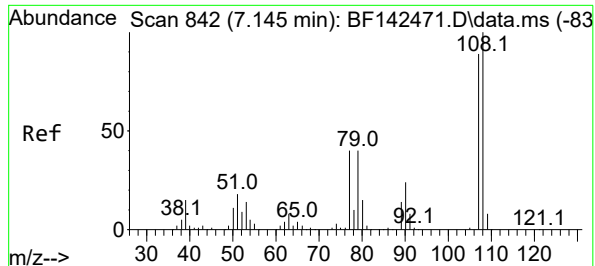
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.0

79 9.5 0.0 29.2

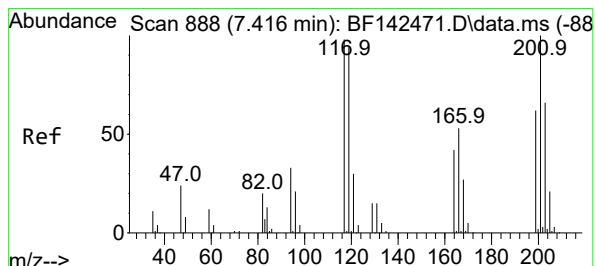
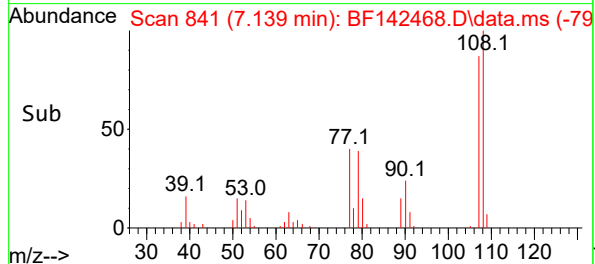
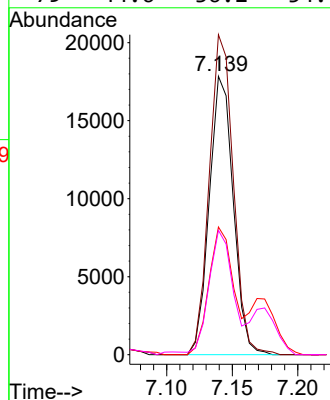
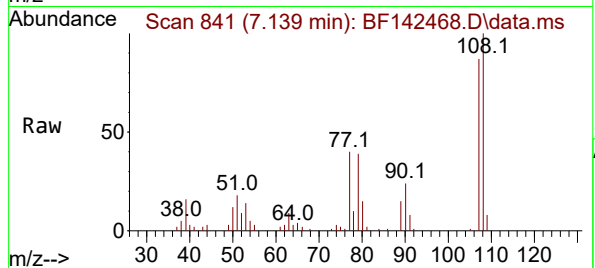




#17
2-Methylphenol
Concen: 5.153 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

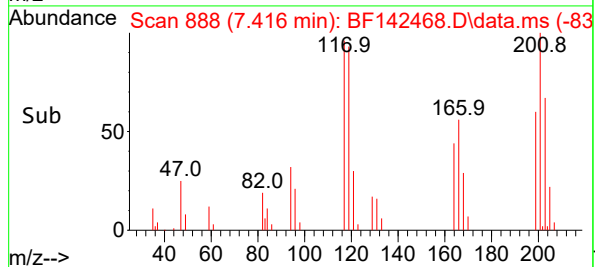
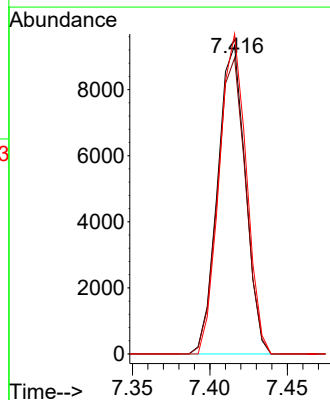
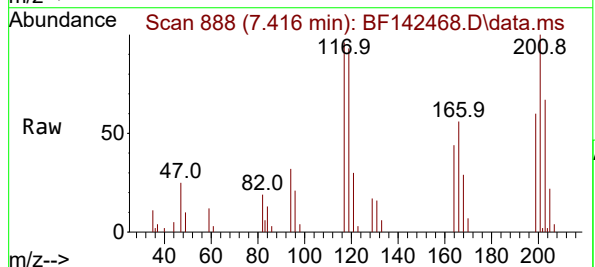
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

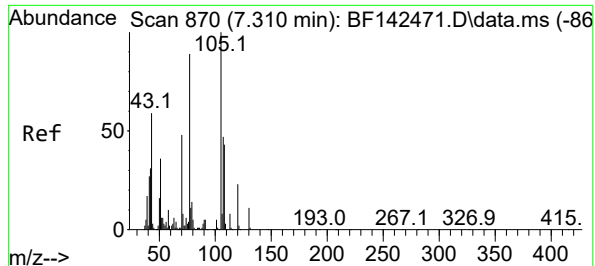
Tgt Ion:107 Resp: 22693
Ion Ratio Lower Upper
107 100
108 114.9 90.2 135.2
77 45.9 36.1 54.1
79 44.6 36.2 54.4



#18
Hexachloroethane
Concen: 5.255 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:117 Resp: 11635
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 103.7 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 5.313 ng

RT: 7.298 min Scan# 8

Delta R.T. -0.029 min

Lab File: BF142468.D

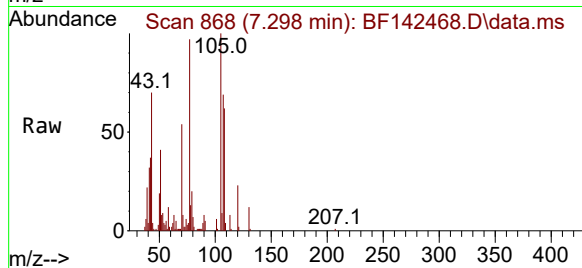
Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion: 70 Resp: 20527

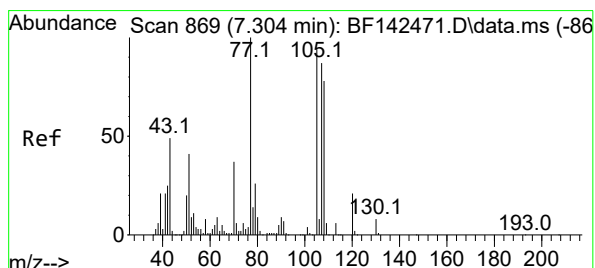
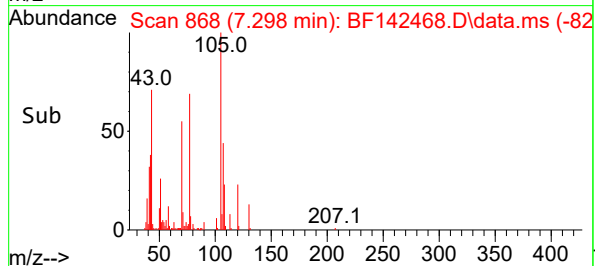
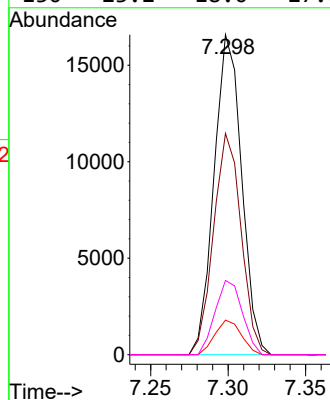
Ion Ratio Lower Upper

70 100

42 69.1 52.4 78.6

101 10.8 7.8 11.8

130 23.2 18.0 27.0



#20

3+4-Methylphenols

Concen: 5.460 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Tgt Ion: 107 Resp: 30797

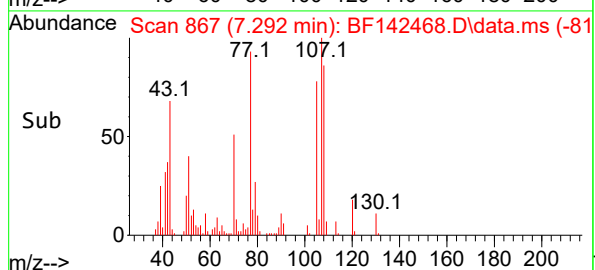
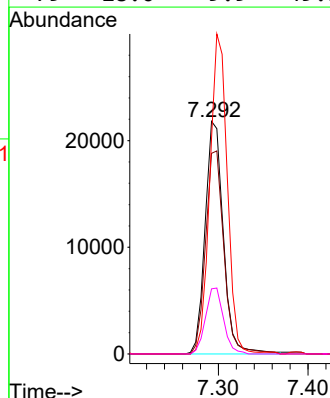
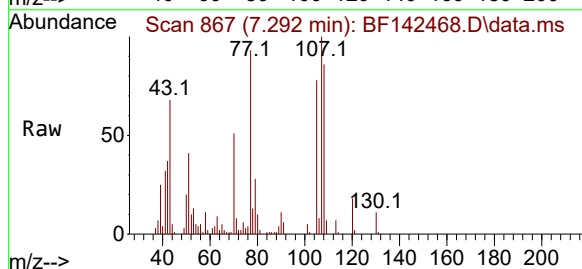
Ion Ratio Lower Upper

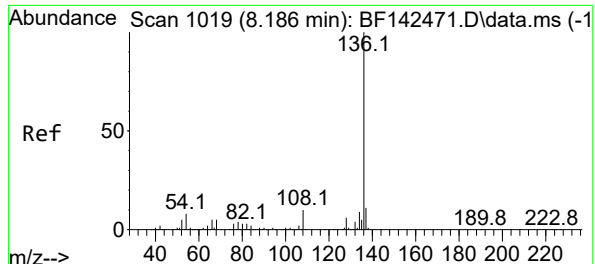
107 100

108 86.3 70.4 110.4

77 92.8 95.4 135.4#

79 28.0 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 345154

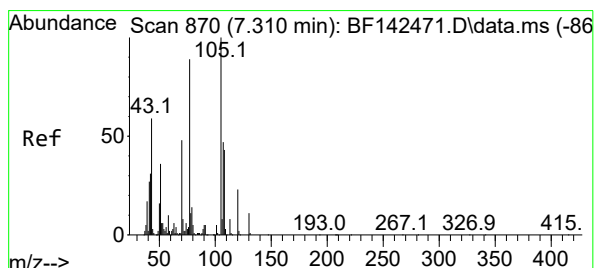
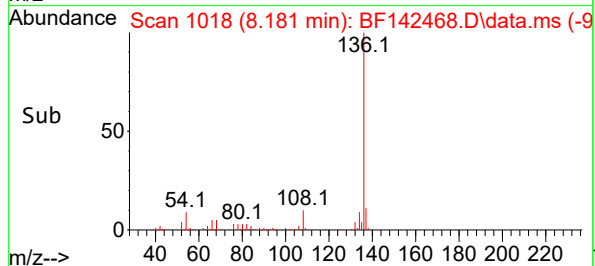
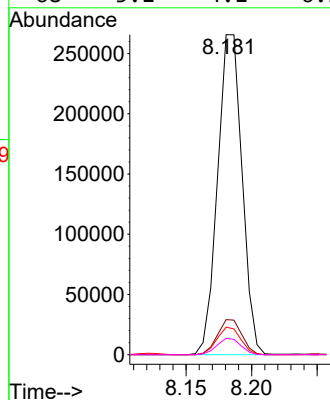
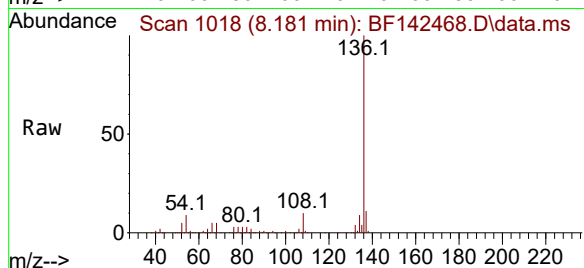
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.6 6.6 10.0

68 5.1 4.1 6.1



#22

Acetophenone

Concen: 5.423 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Tgt Ion:105 Resp: 41438

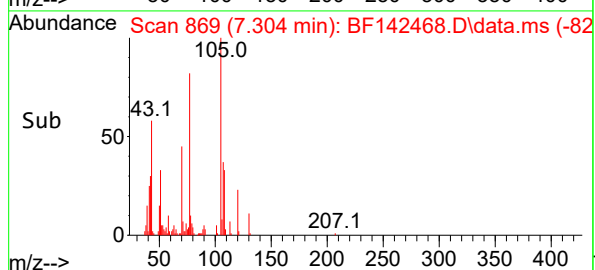
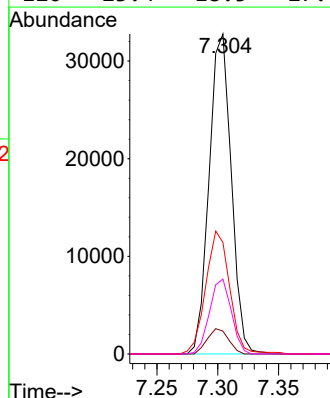
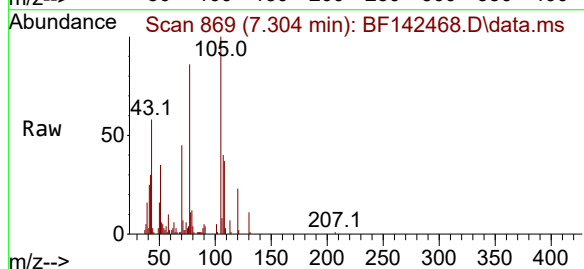
Ion Ratio Lower Upper

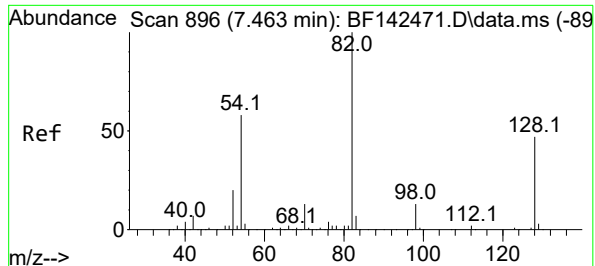
105 100

71 7.2 6.4 9.6

51 34.9 28.6 42.8

120 23.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 10.249 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

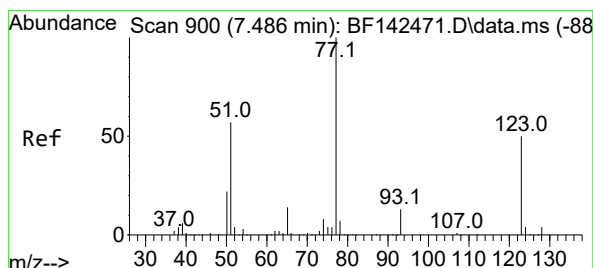
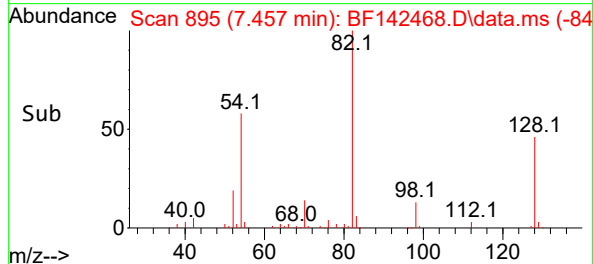
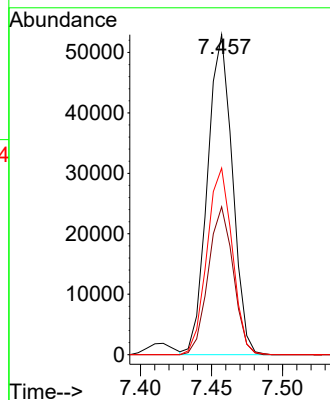
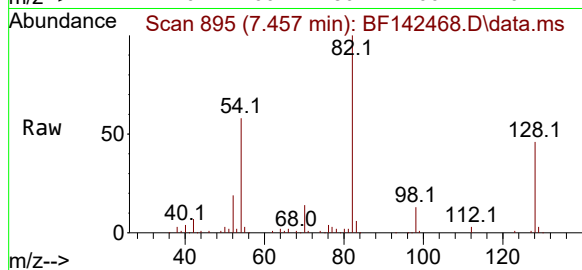
Tgt Ion: 82 Resp: 64876

Ion Ratio Lower Upper

82 100

128 46.2 37.4 56.2

54 58.3 46.6 70.0



#24

Nitrobenzene

Concen: 5.114 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

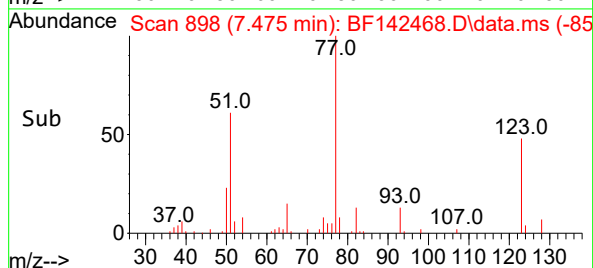
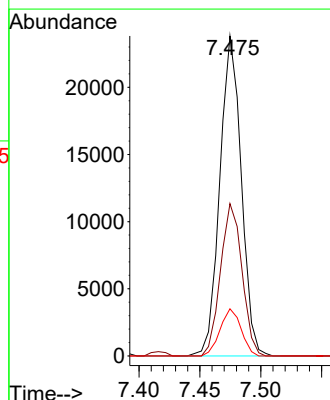
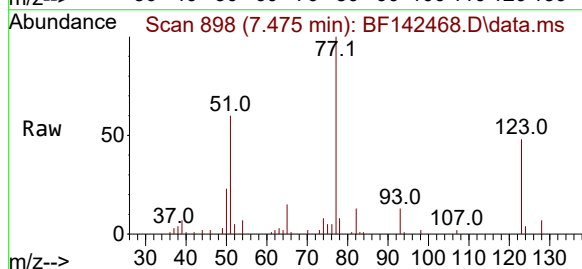
Tgt Ion: 77 Resp: 29193

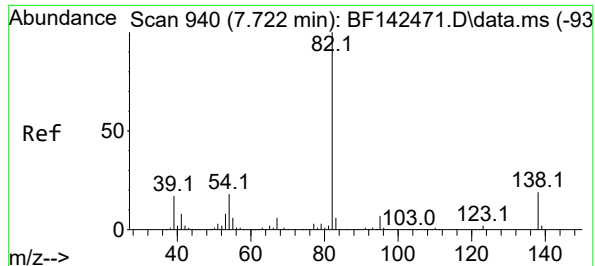
Ion Ratio Lower Upper

77 100

123 47.6 40.6 61.0

65 14.7 11.4 17.2

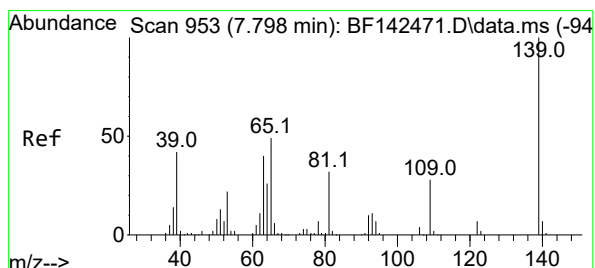
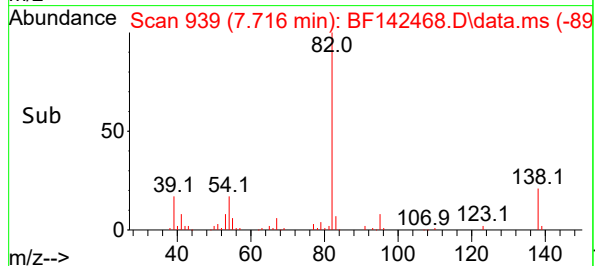
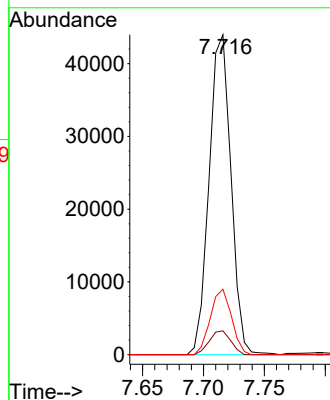
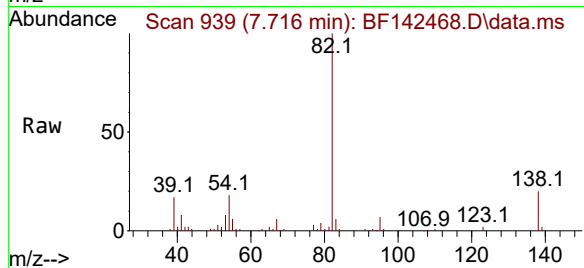




#25
Isophorone
Concen: 5.182 ng
RT: 7.716 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

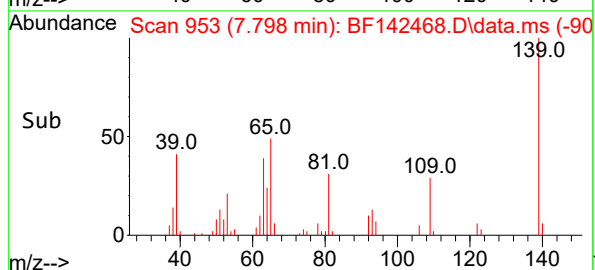
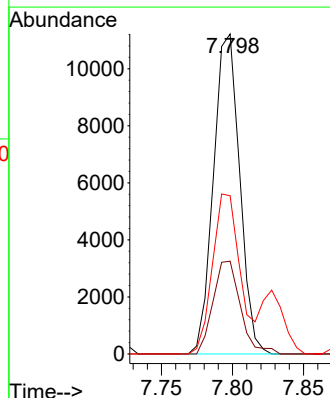
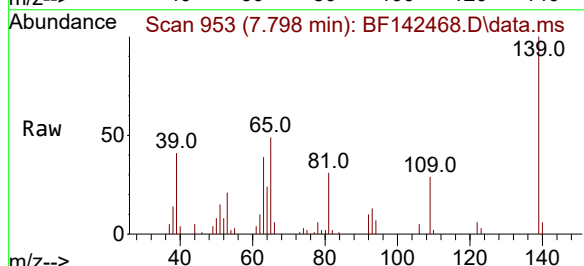
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

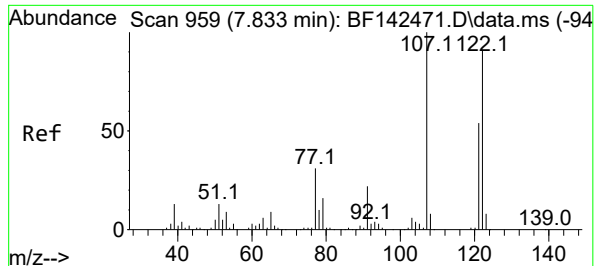
Tgt Ion: 82 Resp: 54838
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.4 15.5 23.3



#26
2-Nitrophenol
Concen: 4.716 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 139 Resp: 14387
Ion Ratio Lower Upper
139 100
109 29.0 22.6 33.8
65 49.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 5.051 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

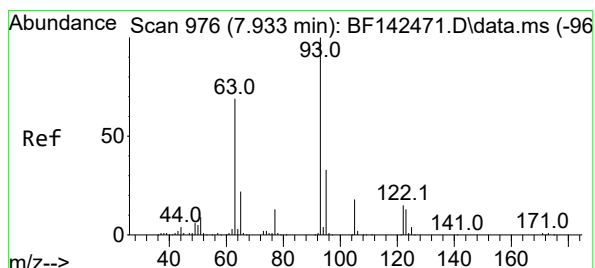
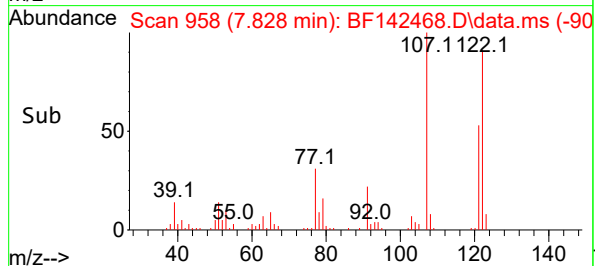
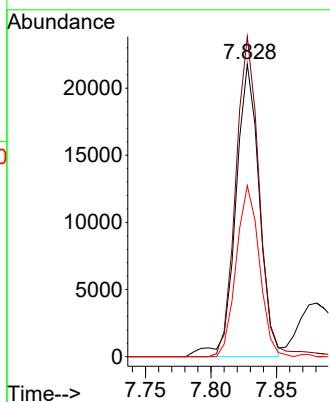
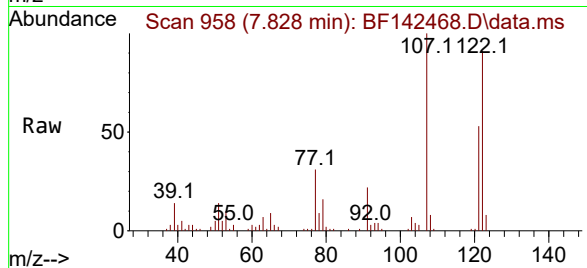
Tgt Ion:122 Resp: 27170

Ion Ratio Lower Upper

122 100

107 109.4 88.1 132.1

121 58.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 5.296 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

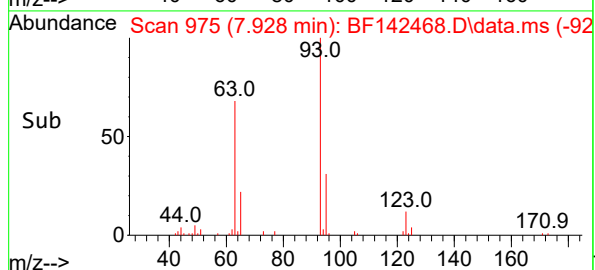
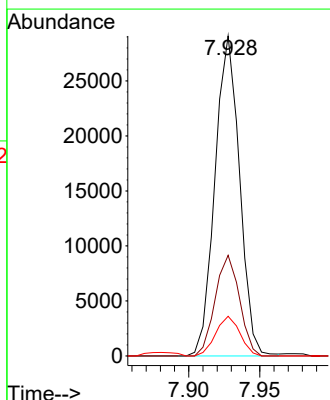
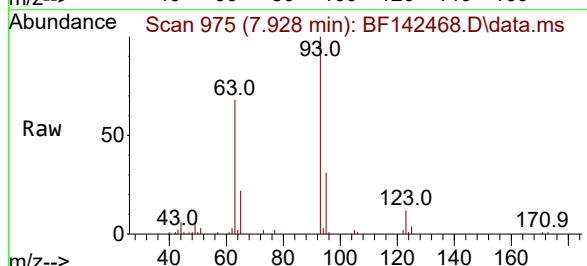
Tgt Ion: 93 Resp: 35010

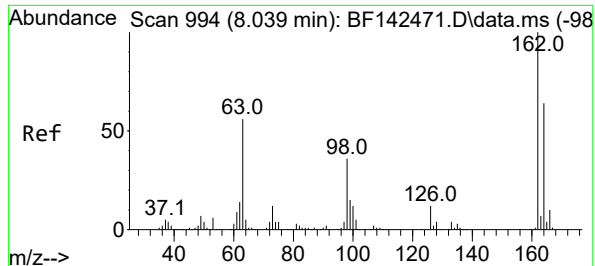
Ion Ratio Lower Upper

93 100

95 31.4 26.4 39.6

123 12.4 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 5.072 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

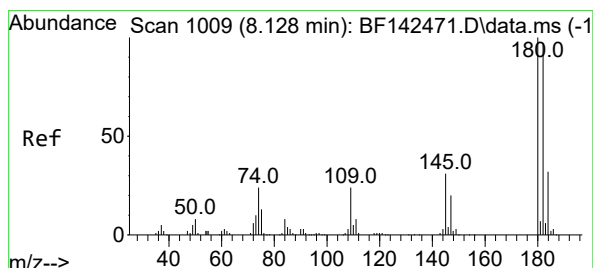
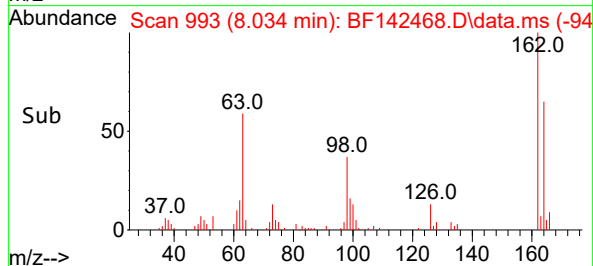
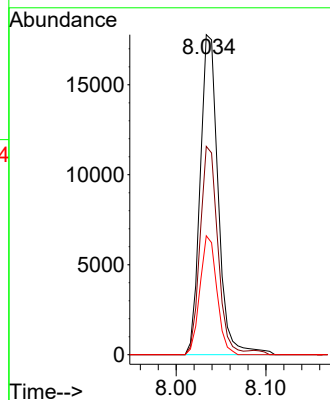
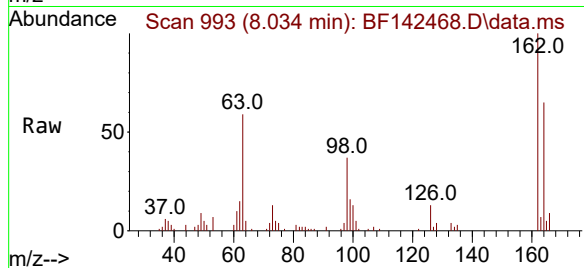
Tgt Ion:162 Resp: 24812

Ion Ratio Lower Upper

162 100

164 65.1 43.7 83.7

98 37.2 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 5.281 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

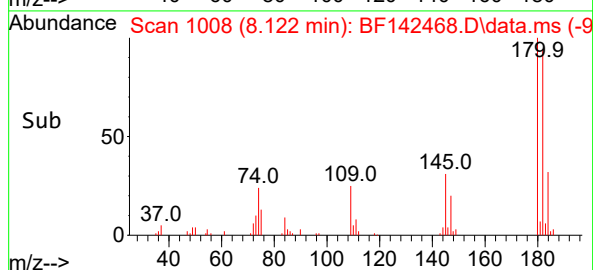
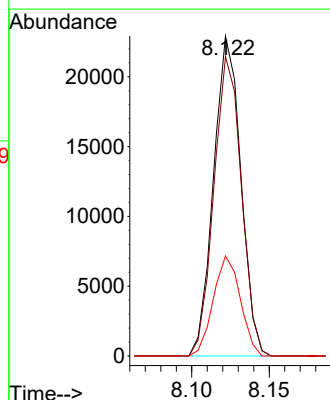
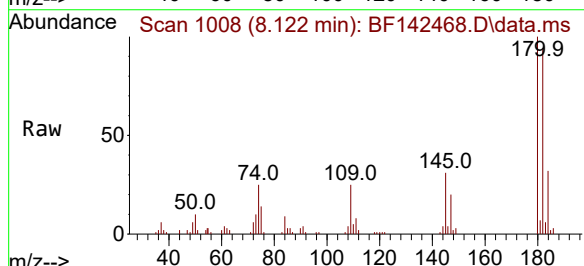
Tgt Ion:180 Resp: 28037

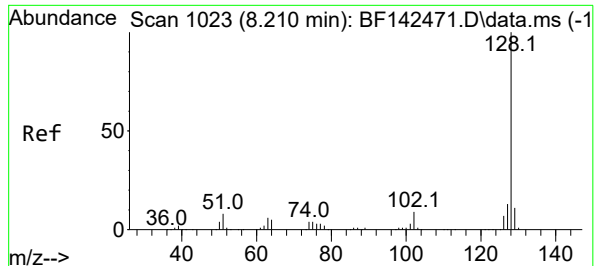
Ion Ratio Lower Upper

180 100

182 93.5 78.0 117.0

145 31.3 25.0 37.6





#31

Naphthalene

Concen: 5.388 ng

RT: 8.204 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

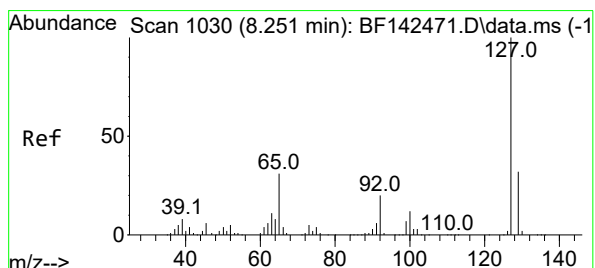
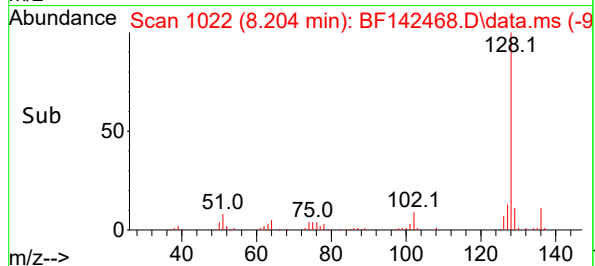
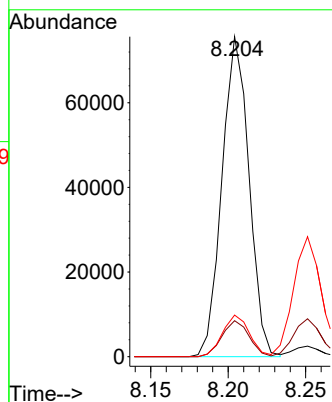
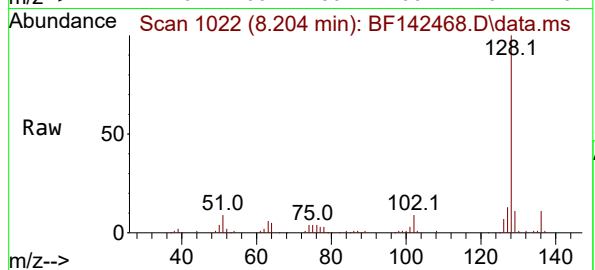
Tgt Ion:128 Resp: 91563

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.0 10.5 15.7



#33

4-Chloroaniline

Concen: 5.314 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Tgt Ion:127 Resp: 36597

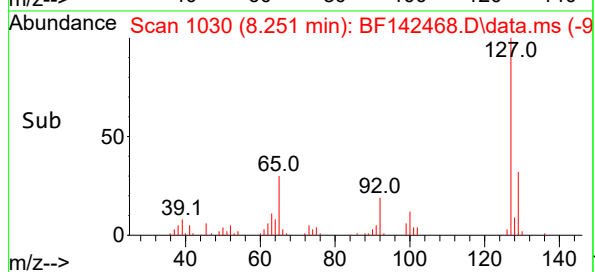
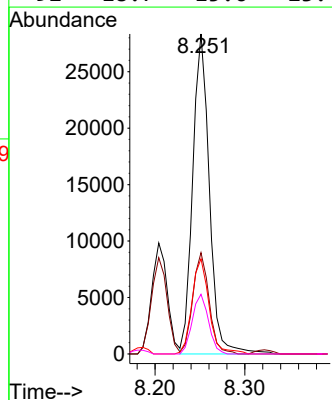
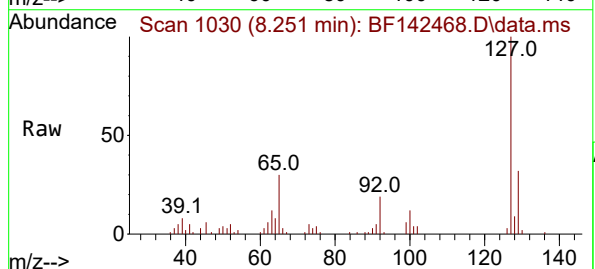
Ion Ratio Lower Upper

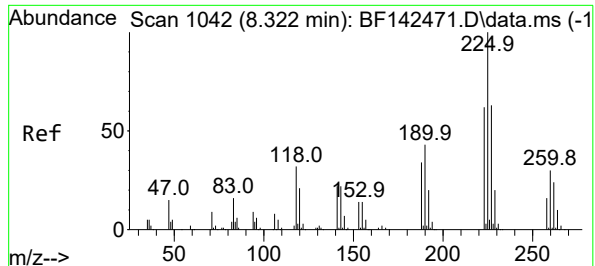
127 100

129 31.6 26.1 39.1

65 29.7 24.9 37.3

92 18.7 15.6 23.4





#34

Hexachlorobutadiene

Concen: 5.280 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

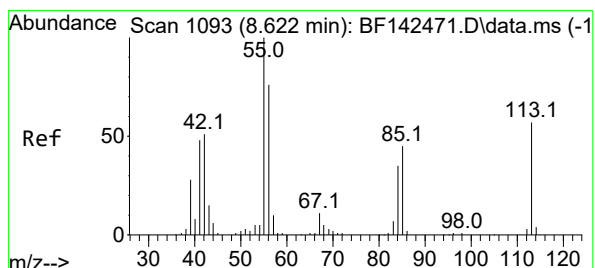
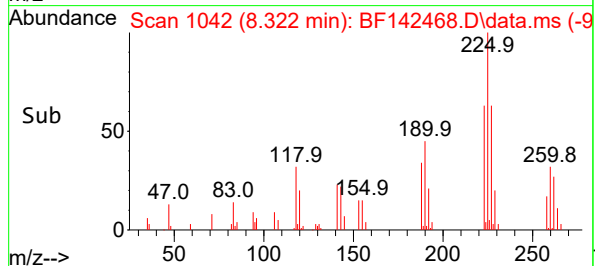
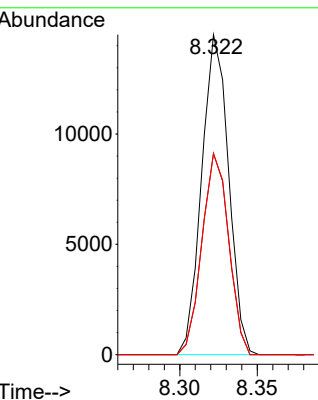
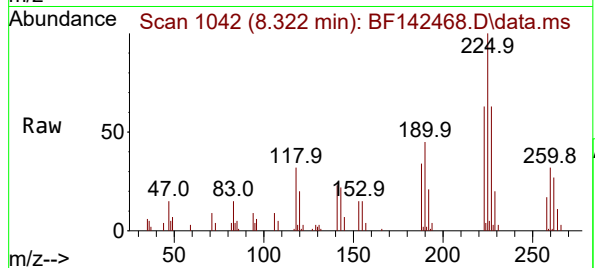
Tgt Ion:225 Resp: 17505

Ion Ratio Lower Upper

225 100

223 62.9 49.7 74.5

227 62.8 50.3 75.5



#35

Caprolactam

Concen: 5.109 ng

RT: 8.581 min Scan# 1086

Delta R.T. -0.065 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

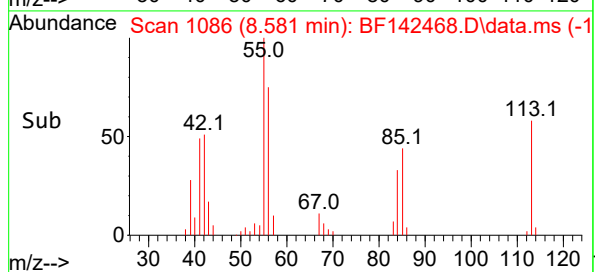
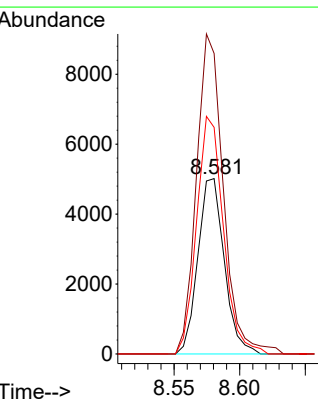
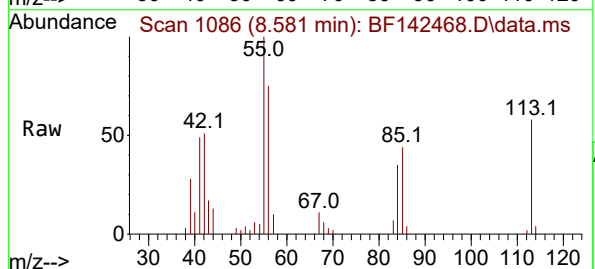
Tgt Ion:113 Resp: 7020

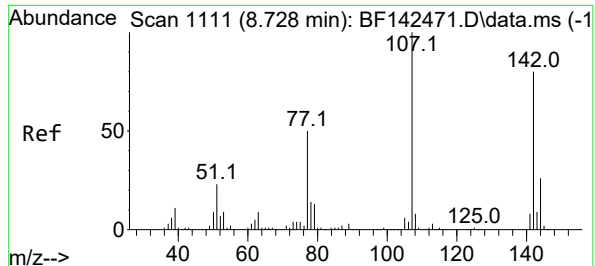
Ion Ratio Lower Upper

113 100

55 171.4 154.7 194.7

56 129.2 113.2 153.2





#36

4-Chloro-3-methylphenol

Concen: 5.225 ng

RT: 8.722 min Scan# 1111

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

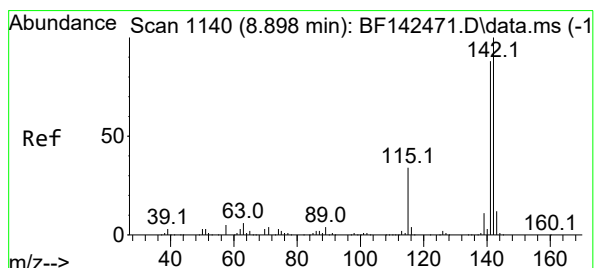
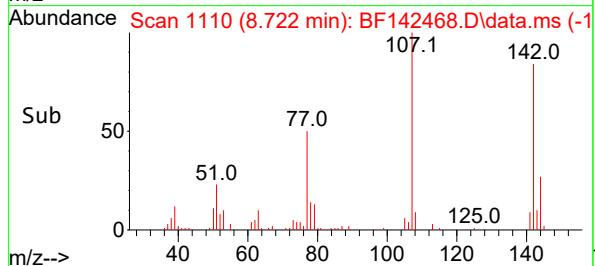
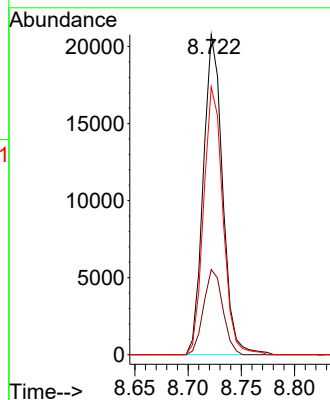
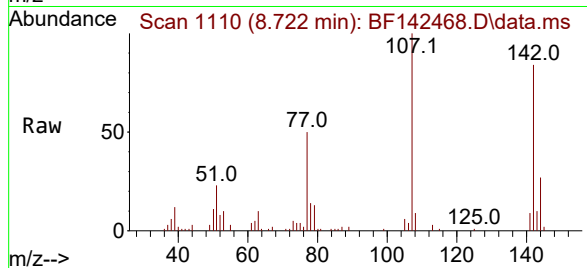
Tgt Ion:107 Resp: 26197

Ion Ratio Lower Upper

107 100

144 26.6 20.9 31.3

142 83.7 64.2 96.2



#37

2-Methylnaphthalene

Concen: 5.478 ng

RT: 8.898 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF142468.D

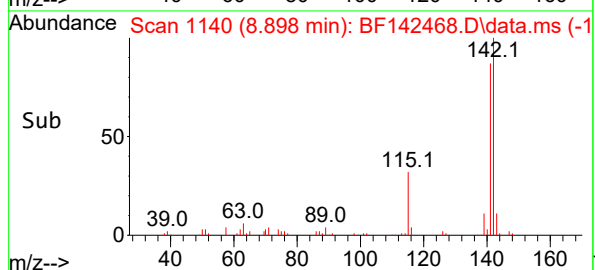
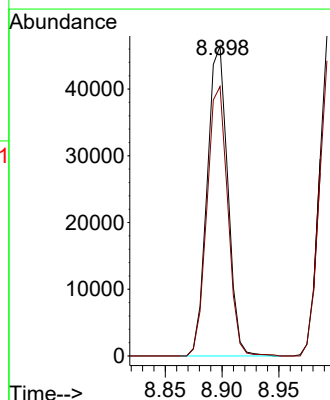
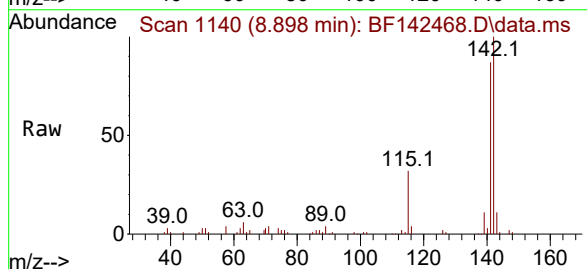
Acq: 20 May 2025 12:38

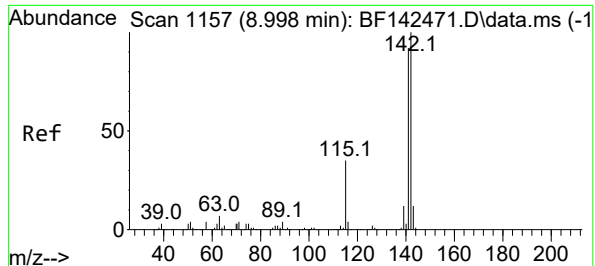
Tgt Ion:142 Resp: 58574

Ion Ratio Lower Upper

142 100

141 87.0 70.7 106.1





#38

1-Methylnaphthalene

Concen: 5.486 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

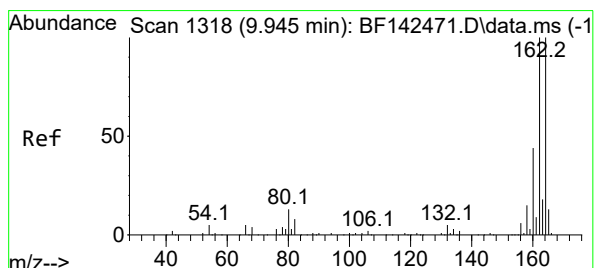
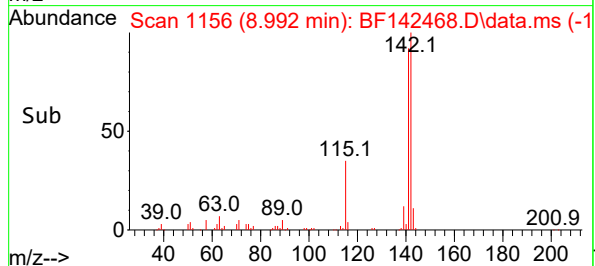
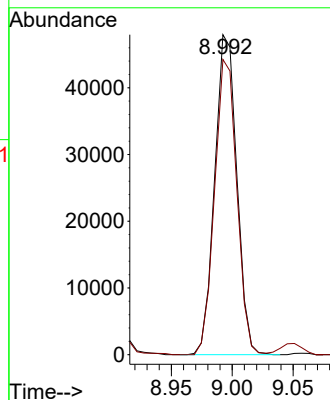
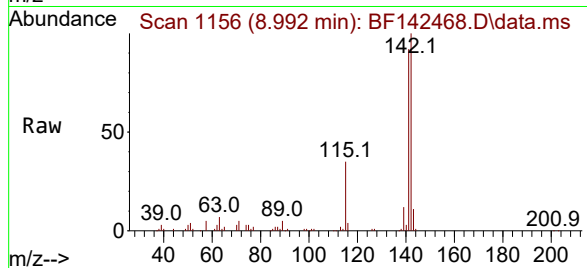
SSTDICC005

Tgt Ion:142 Resp: 60674

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

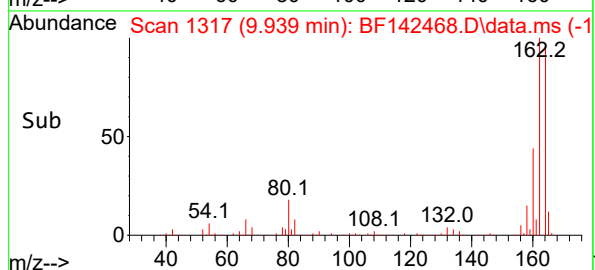
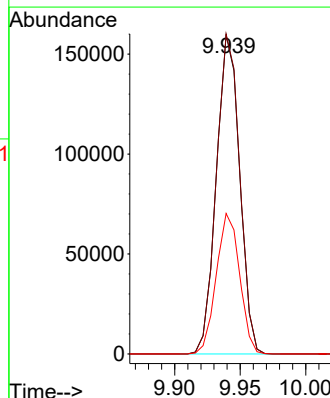
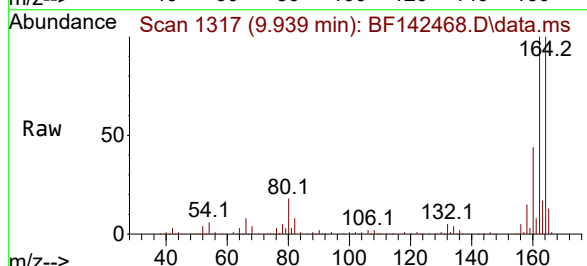
Tgt Ion:164 Resp: 197100

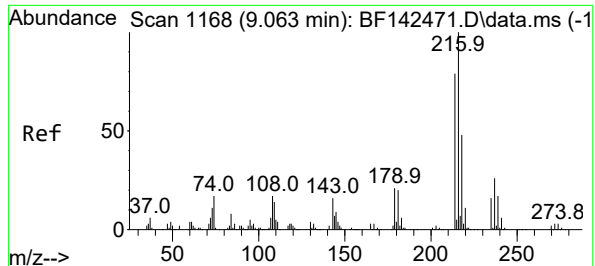
Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.4

160 44.1 35.6 53.4

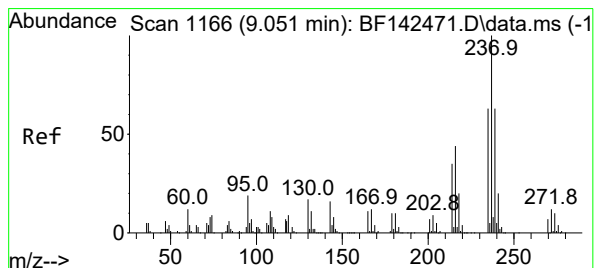
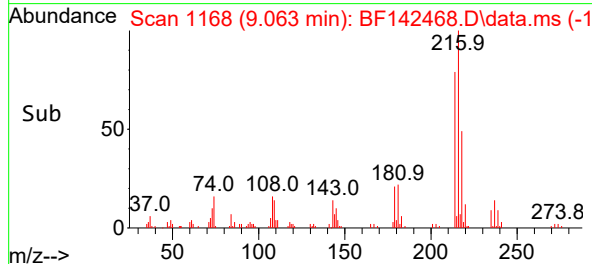
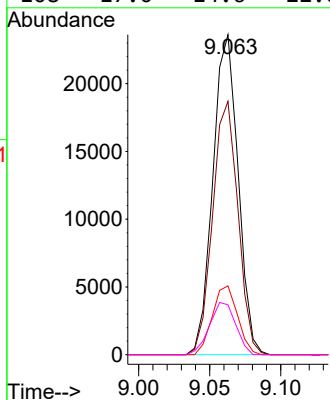
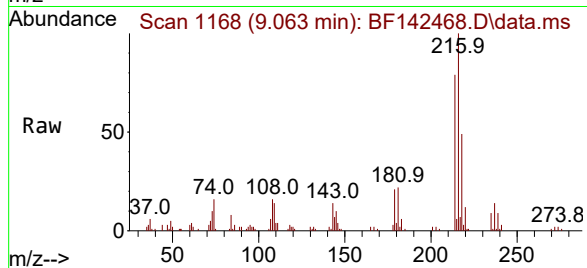




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.152 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

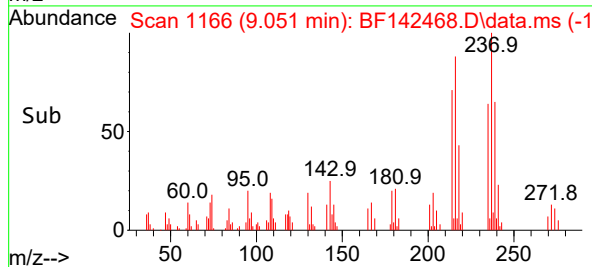
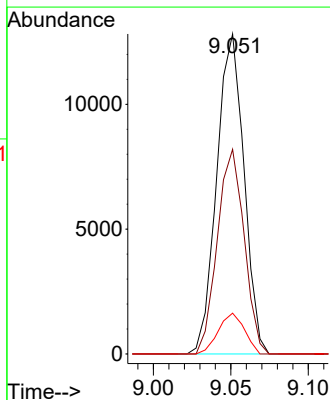
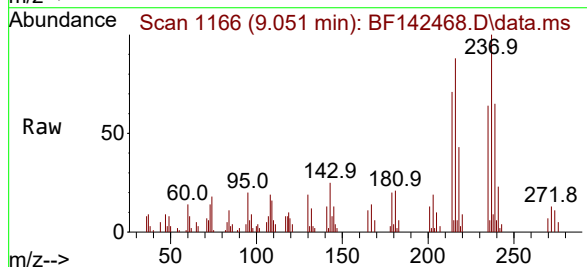
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

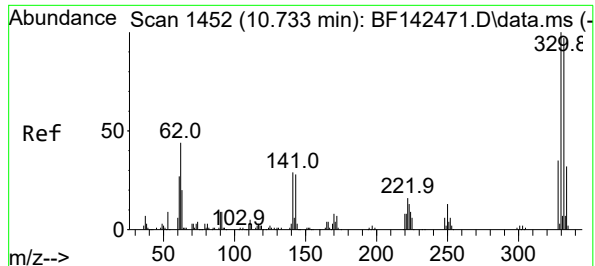
Tgt Ion:	216	Resp:	29150
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.9	94.3
179	21.5	16.9	25.3
108	17.0	14.6	22.0



#41
Hexachlorocyclopentadiene
Concen: 4.105 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:	237	Resp:	15667
Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.3	83.3
272	12.7	0.0	32.4





#42

2,4,6-Tribromophenol

Concen: 10.378 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

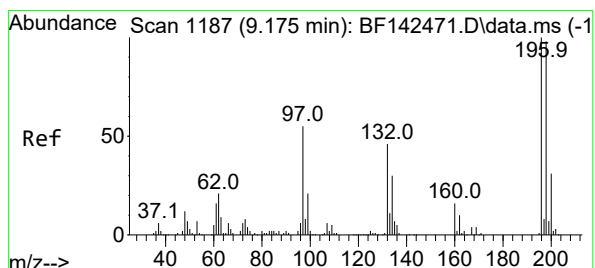
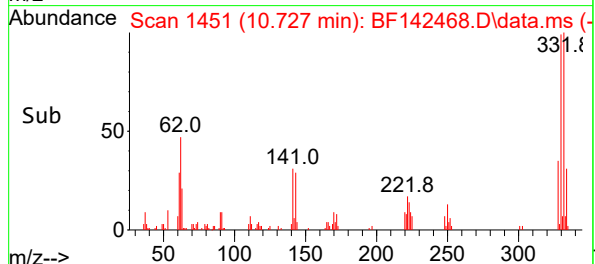
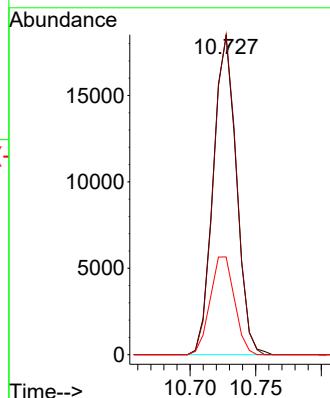
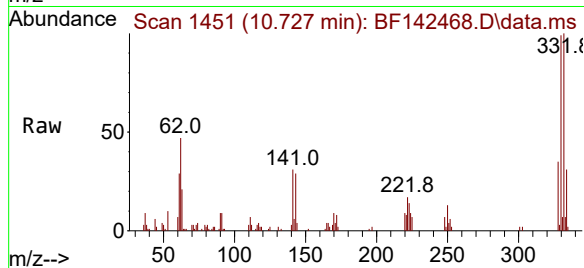
Tgt Ion:330 Resp: 22702

Ion Ratio Lower Upper

330 100

332 99.5 77.6 116.4

141 32.2 24.6 36.8



#43

2,4,6-Trichlorophenol

Concen: 5.001 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

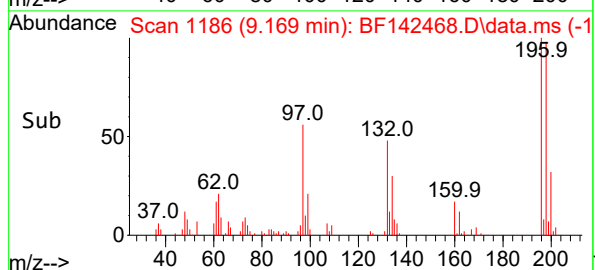
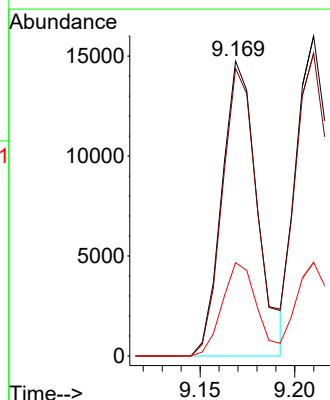
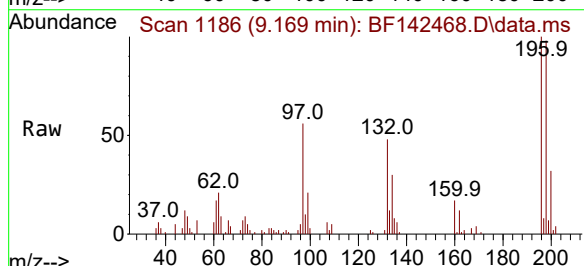
Tgt Ion:196 Resp: 19079

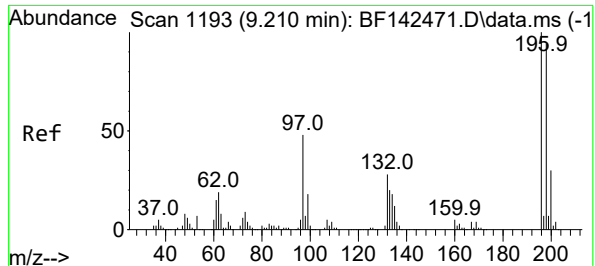
Ion Ratio Lower Upper

196 100

198 97.5 78.8 118.2

200 31.6 24.9 37.3





#44

2,4,5-Trichlorophenol

Concen: 5.020 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142468.D

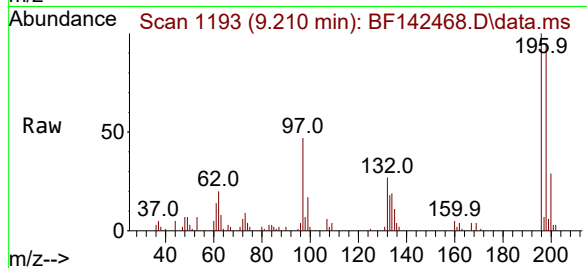
Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 20200

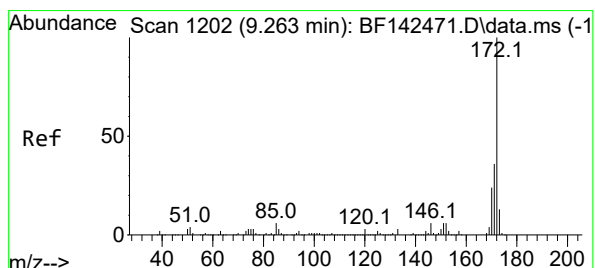
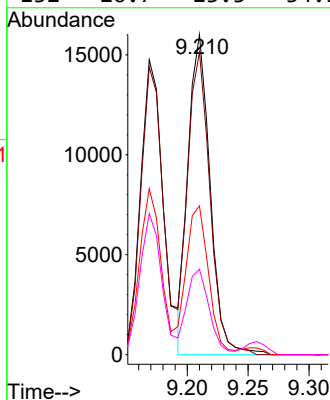
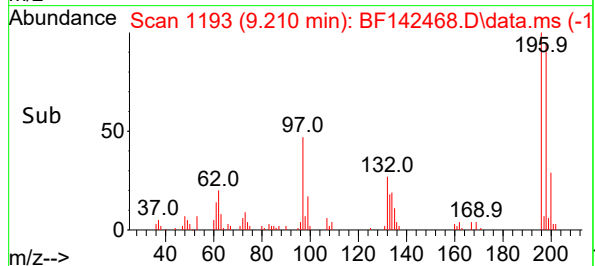
Ion Ratio Lower Upper

196 100

198 94.6 75.5 113.3

97 46.5 39.3 58.9

132 26.7 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 11.583 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

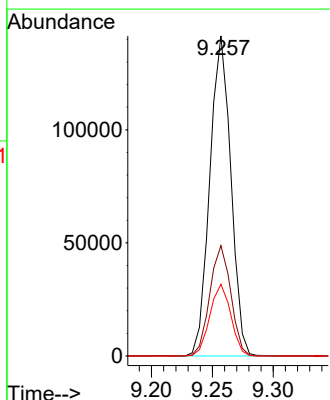
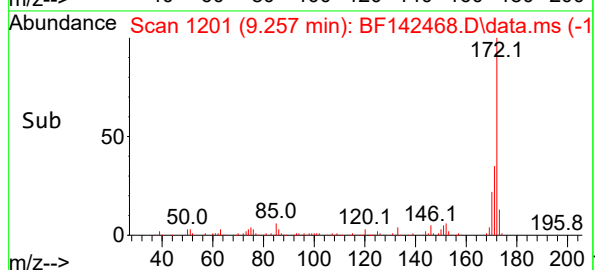
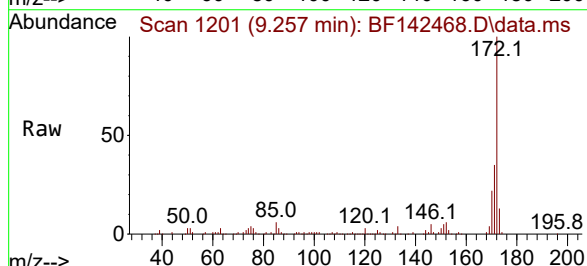
Tgt Ion:172 Resp: 170142

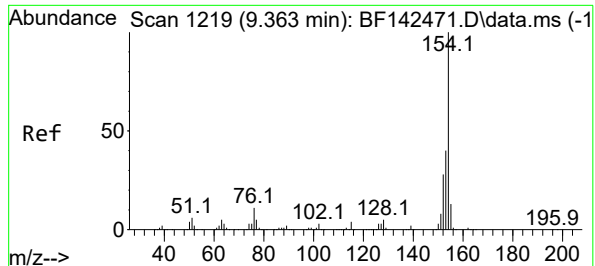
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 22.4 18.9 28.3





#46

1,1'-Biphenyl

Concen: 5.387 ng

RT: 9.357 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

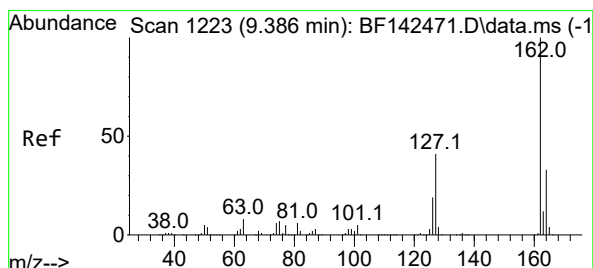
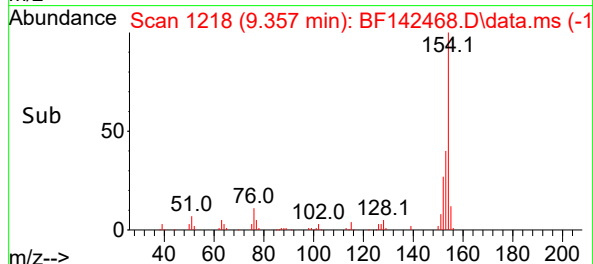
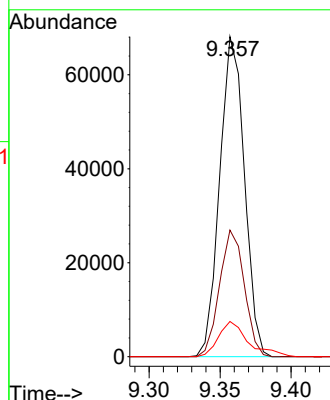
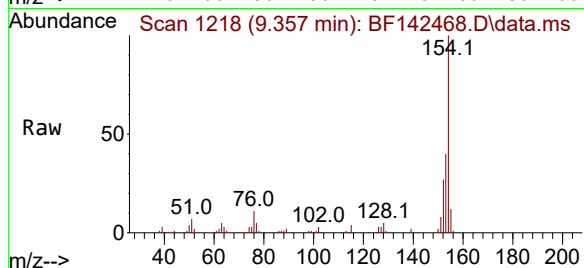
Tgt Ion:154 Resp: 82376

Ion Ratio Lower Upper

154 100

153 39.5 20.4 60.4

76 11.0 0.0 30.8



#47

2-Chloronaphthalene

Concen: 5.311 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

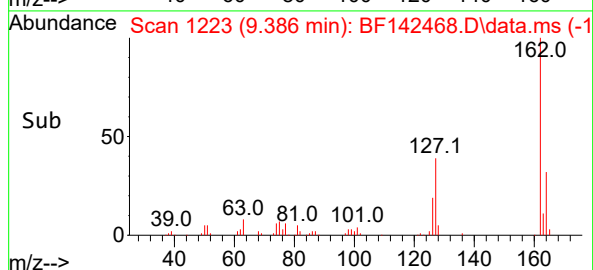
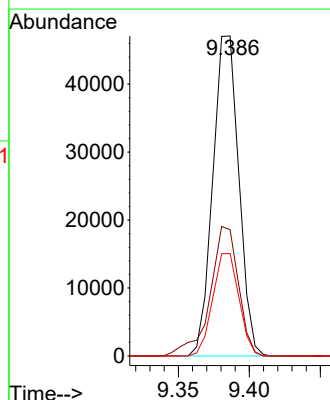
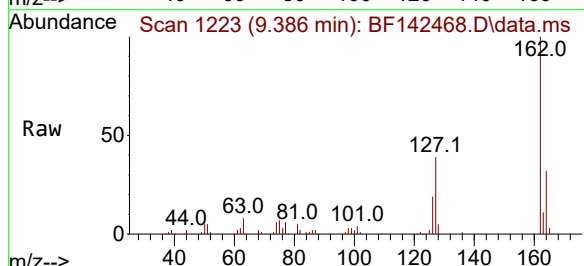
Tgt Ion:162 Resp: 60002

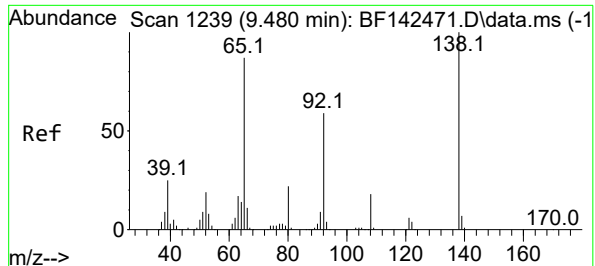
Ion Ratio Lower Upper

162 100

127 39.4 33.5 50.3

164 32.0 26.1 39.1





#48

2-Nitroaniline

Concen: 5.022 ng

RT: 9.475 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

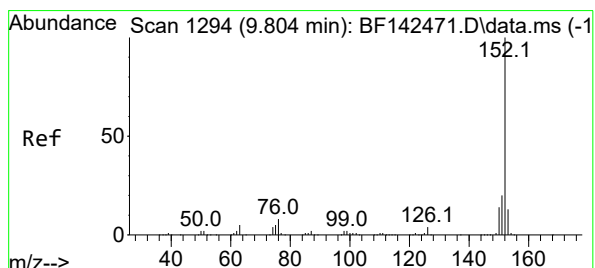
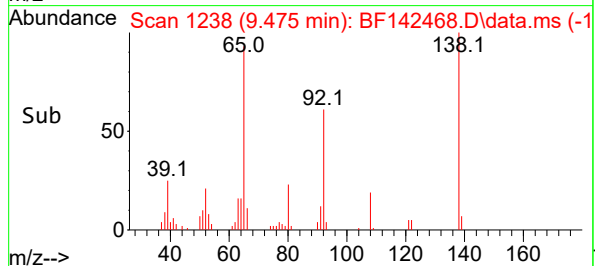
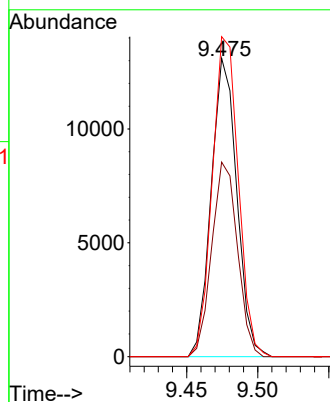
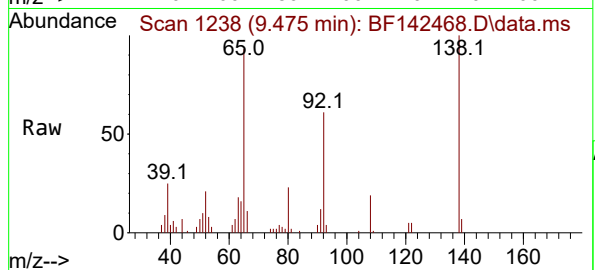
Tgt Ion: 65 Resp: 16399

Ion Ratio Lower Upper

65 100

92 65.2 54.4 81.6

138 107.2 91.4 137.2



#49

Acenaphthylene

Concen: 5.330 ng

RT: 9.798 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

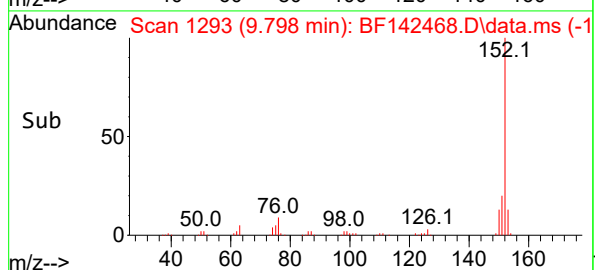
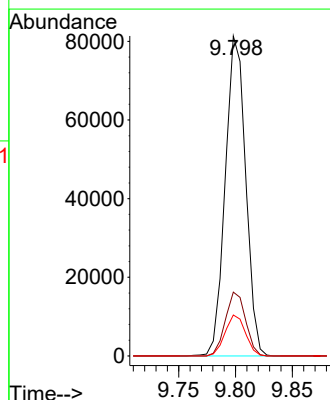
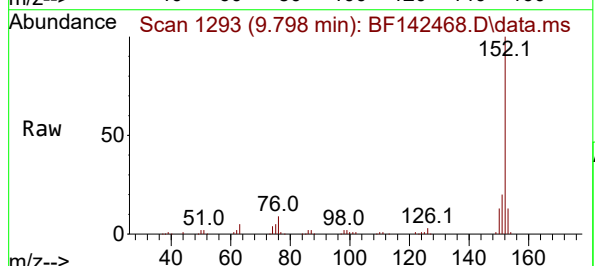
Tgt Ion:152 Resp: 101686

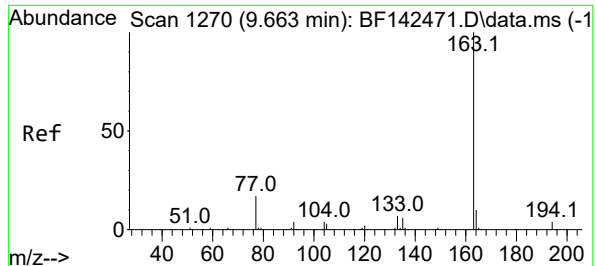
Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 12.8 10.6 15.8





#50

Dimethylphthalate

Concen: 5.461 ng

RT: 9.651 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

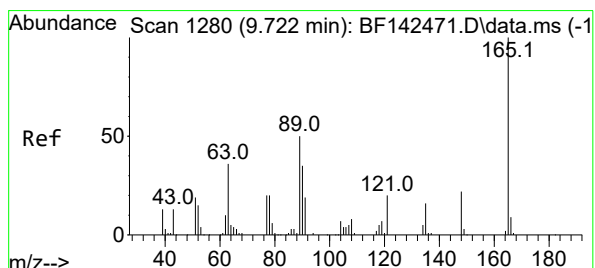
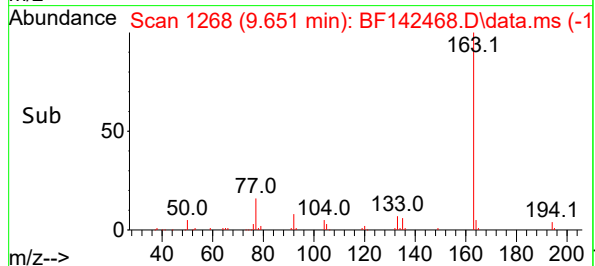
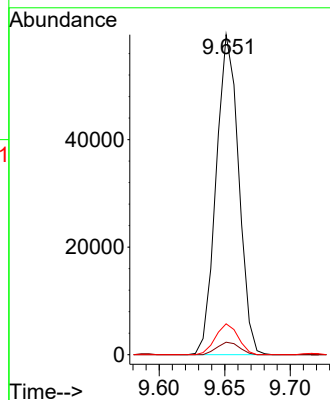
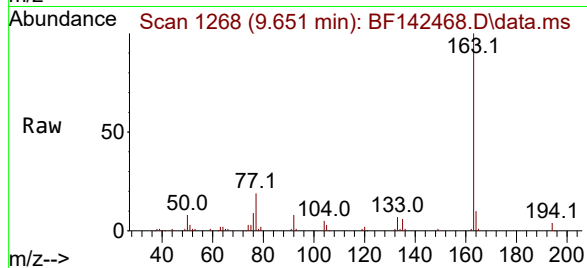
Tgt Ion:163 Resp: 71020

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.7 8.2 12.4



#51

2,6-Dinitrotoluene

Concen: 5.093 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

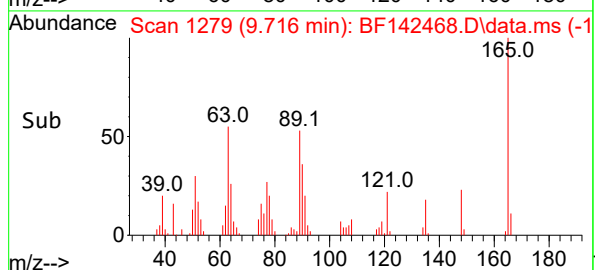
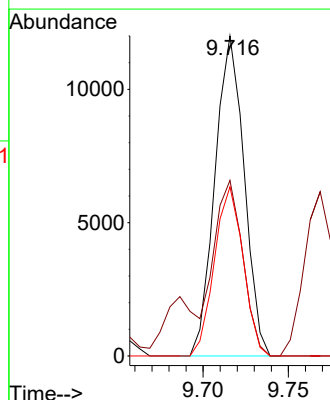
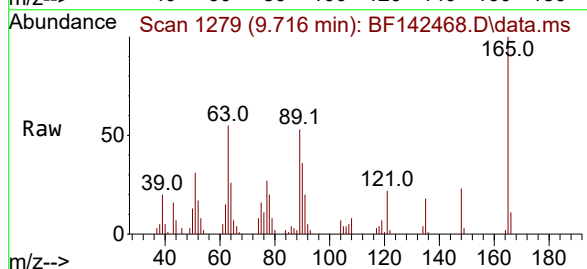
Tgt Ion:165 Resp: 14295

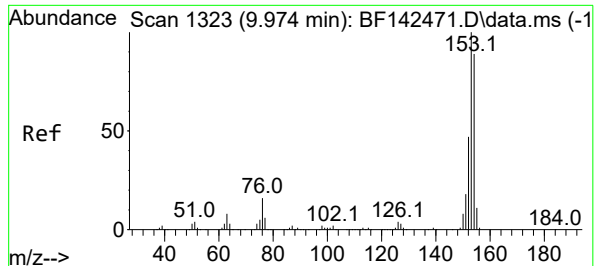
Ion Ratio Lower Upper

165 100

63 54.8 42.9 64.3

89 52.9 40.2 60.4

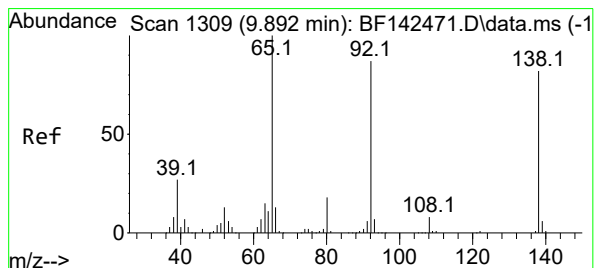
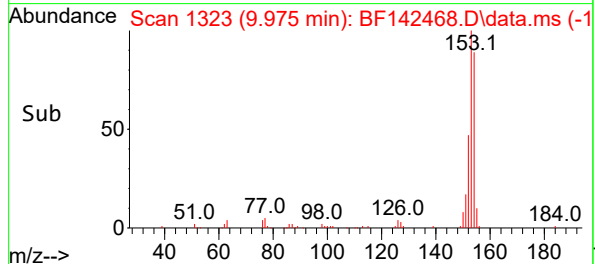
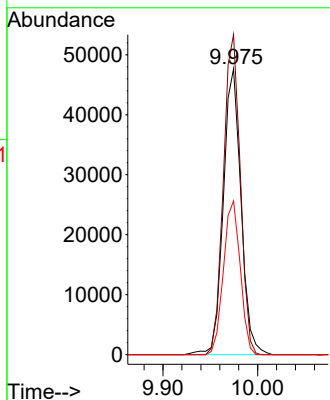
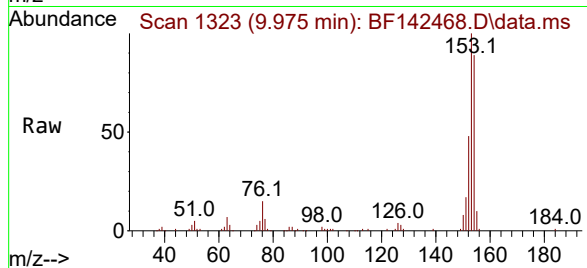




#52
Acenaphthene
Concen: 5.325 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

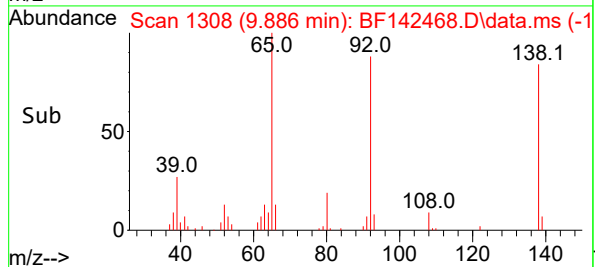
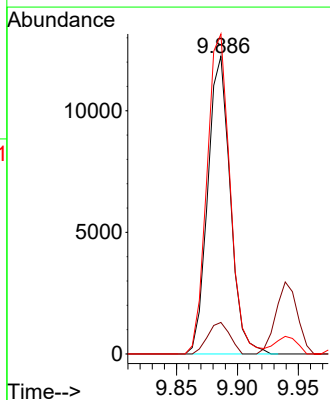
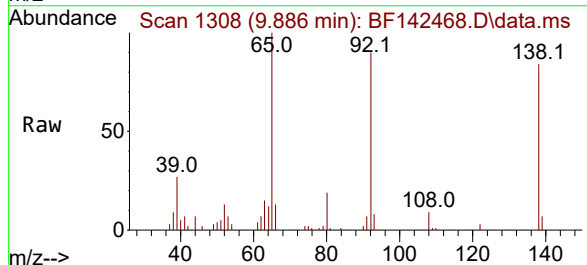
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

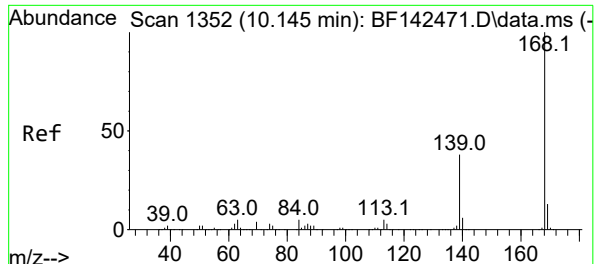
Tgt Ion:154 Resp: 62026
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 53.8 42.6 64.0



#53
3-Nitroaniline
Concen: 5.137 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:138 Resp: 15749
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 107.5 85.2 127.8





#55

Dibenzenofuran

Concen: 5.545 ng

RT: 10.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

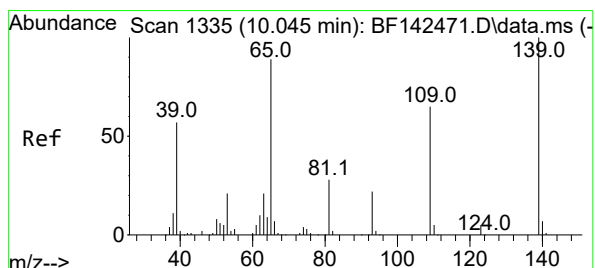
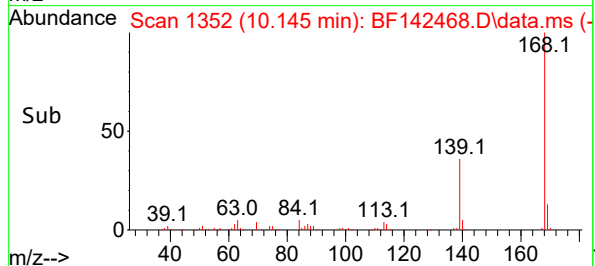
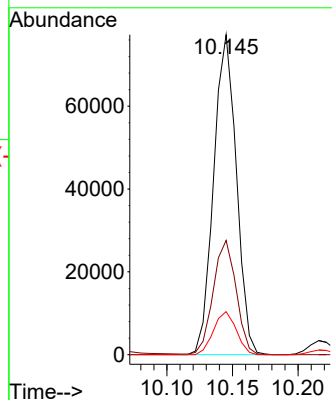
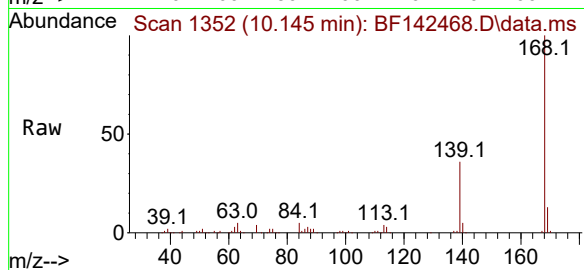
Tgt Ion:168 Resp: 92955

Ion Ratio Lower Upper

168 100

139 35.7 30.2 45.2

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 4.808 ng

RT: 10.039 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

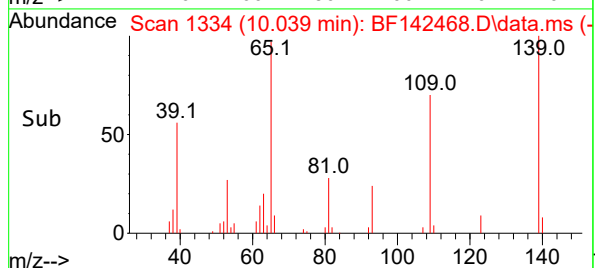
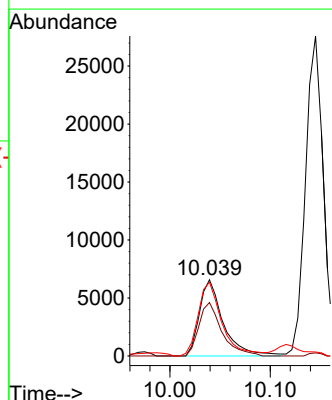
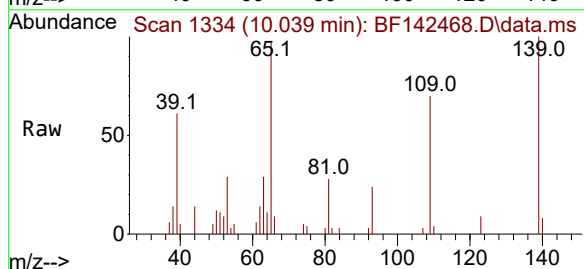
Tgt Ion:139 Resp: 10876

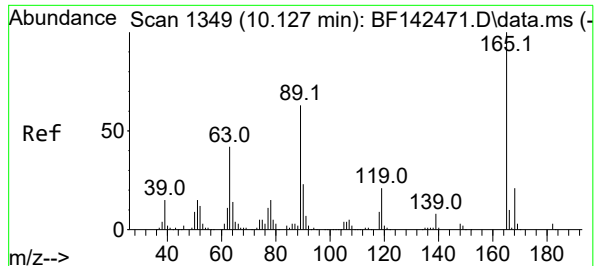
Ion Ratio Lower Upper

139 100

109 70.0 45.1 85.1

65 96.7 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 4.998 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:165 Resp: 18322

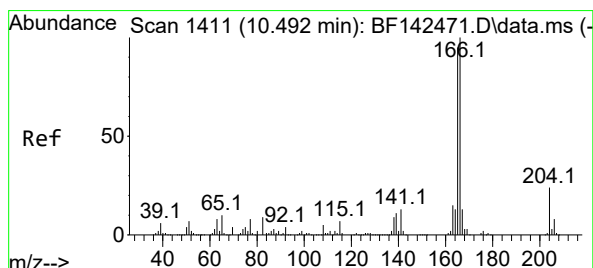
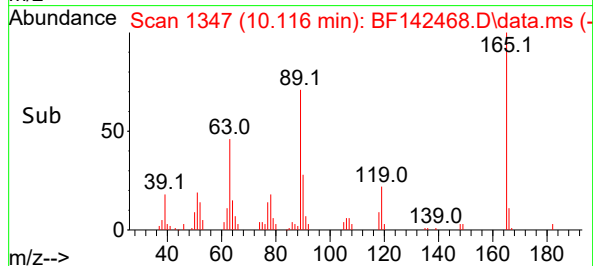
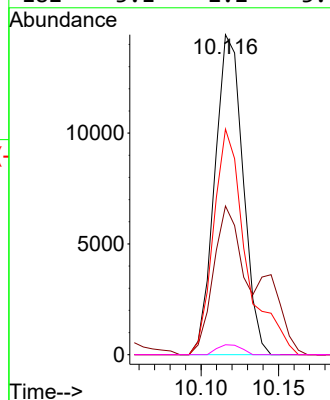
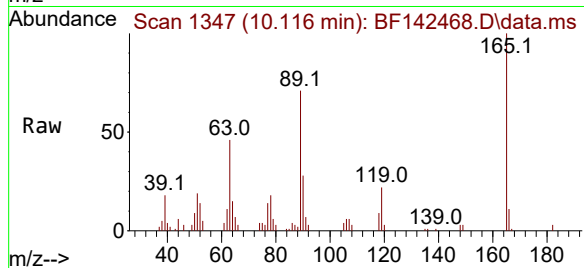
Ion Ratio Lower Upper

165 100

63 46.5 33.6 50.4

89 70.5 50.2 75.4

182 3.1 2.2 3.4



#58

Fluorene

Concen: 5.620 ng

RT: 10.486 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

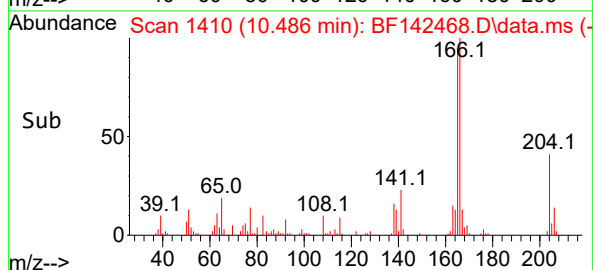
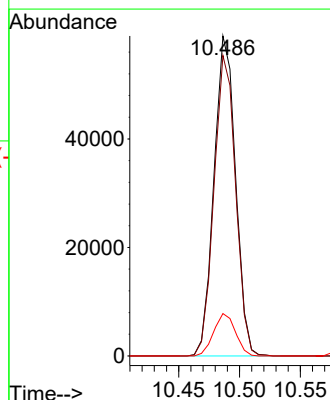
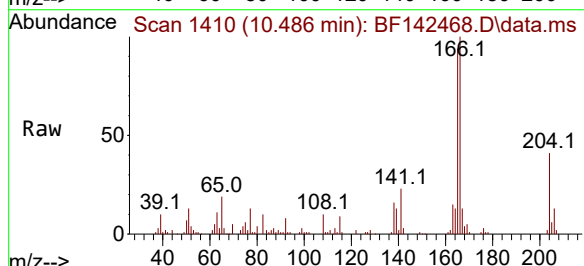
Tgt Ion:166 Resp: 72775

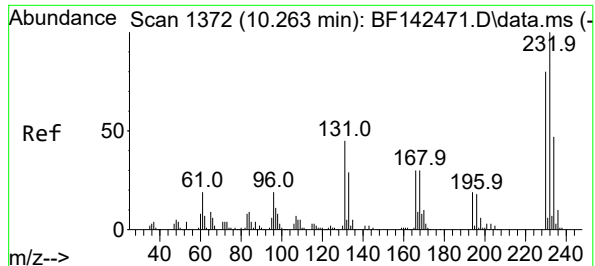
Ion Ratio Lower Upper

166 100

165 93.9 75.8 113.8

167 13.2 10.6 16.0

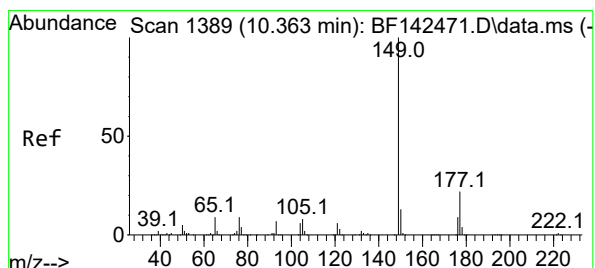
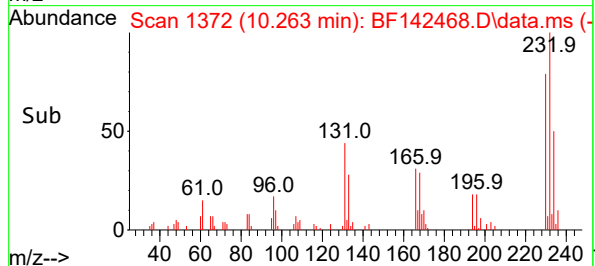
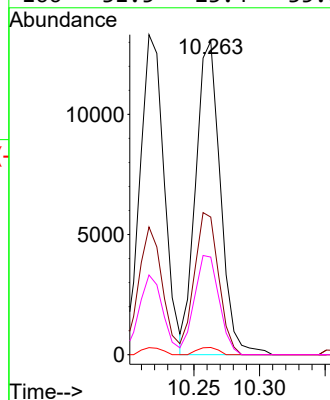
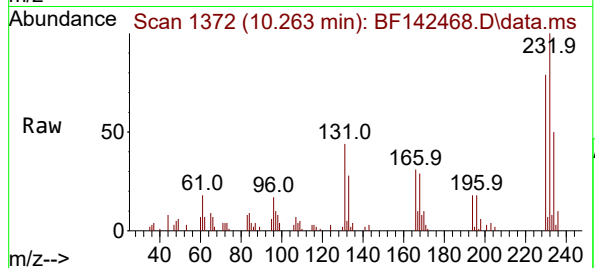




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.090 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

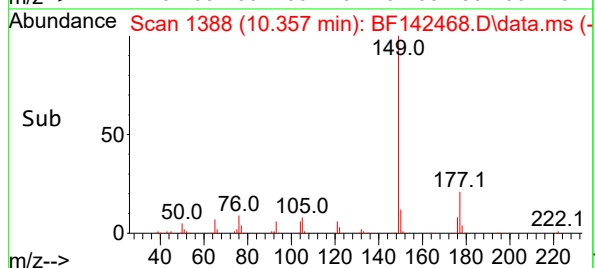
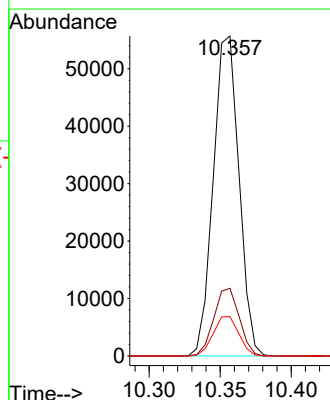
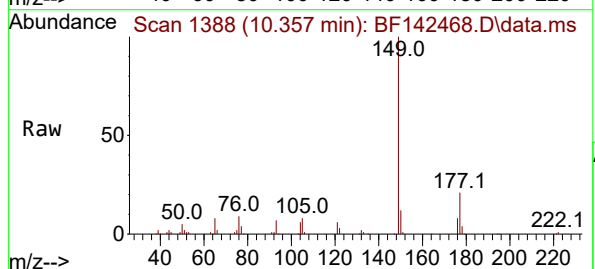
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

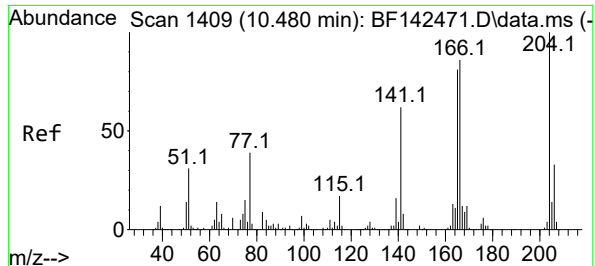
Tgt Ion:232 Resp: 17096
Ion Ratio Lower Upper
232 100
131 44.4 35.2 52.8
130 1.9 1.7 2.5
166 31.5 23.4 35.0



#60
Diethylphthalate
Concen: 5.515 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 70046
Ion Ratio Lower Upper
149 100
177 21.2 17.6 26.4
150 12.3 10.1 15.1

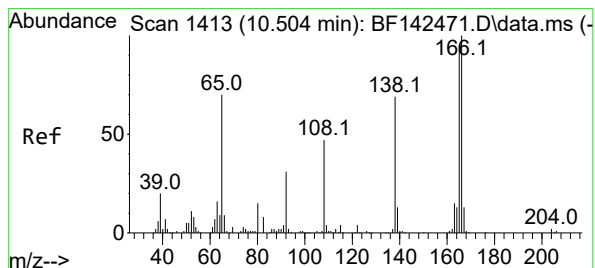
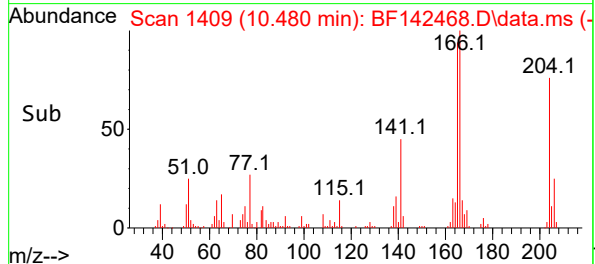
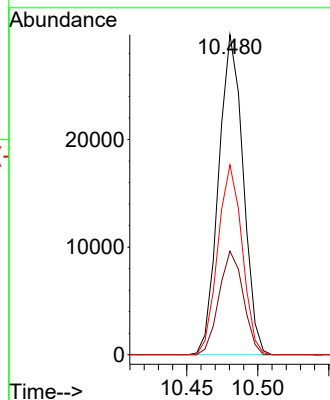
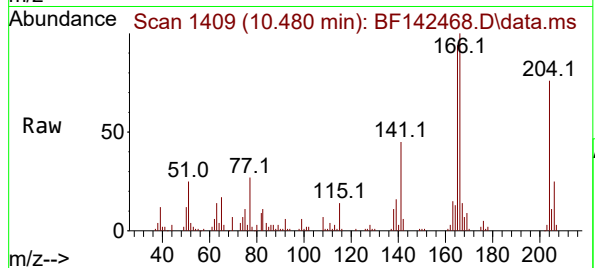




#61
4-Chlorophenyl-phenylether
Concen: 5.611 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

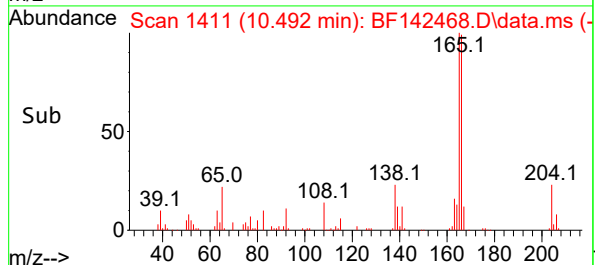
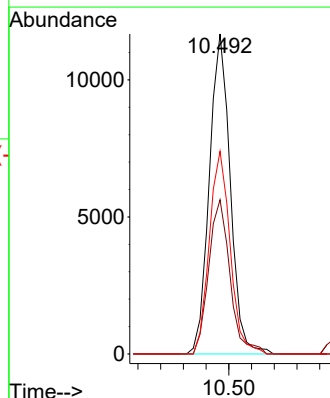
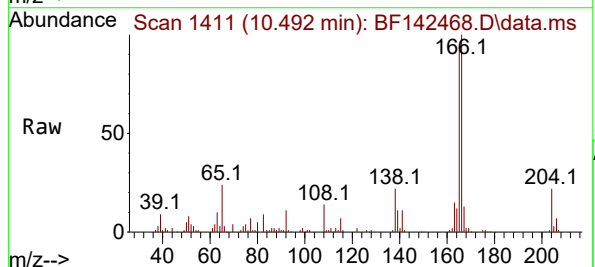
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

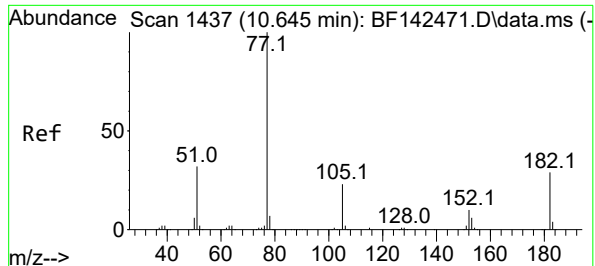
Tgt Ion:204 Resp: 35694
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 59.3 49.5 74.3



#62
4-Nitroaniline
Concen: 5.366 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:138 Resp: 14920
Ion Ratio Lower Upper
138 100
92 48.2 26.0 66.0
108 63.4 48.4 88.4

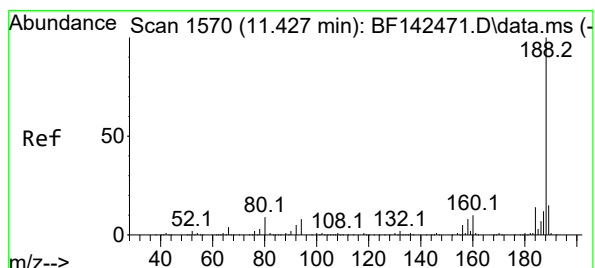
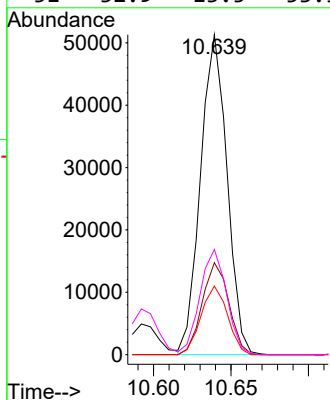
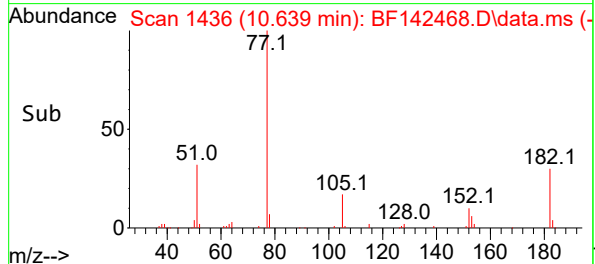
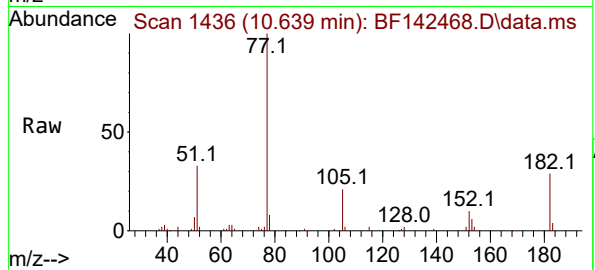




#63
Azobenzene
Concen: 5.351 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

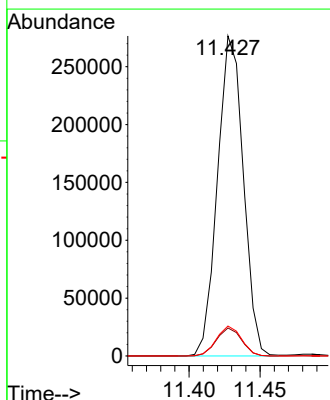
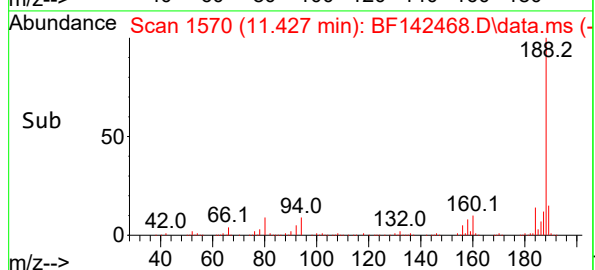
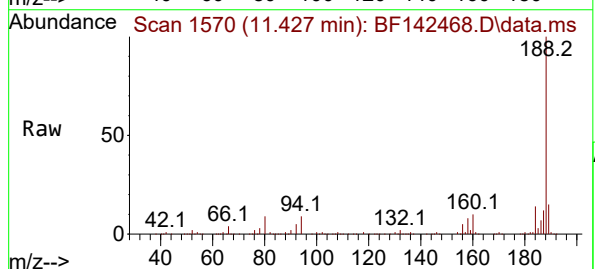
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

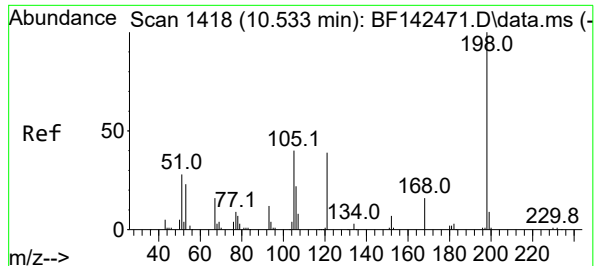
Tgt Ion: 77 Resp: 61041
Ion Ratio Lower Upper
77 100
182 28.8 9.0 49.0
105 21.4 2.4 42.4
51 32.9 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 188 Resp: 349474
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.3 7.4 11.0

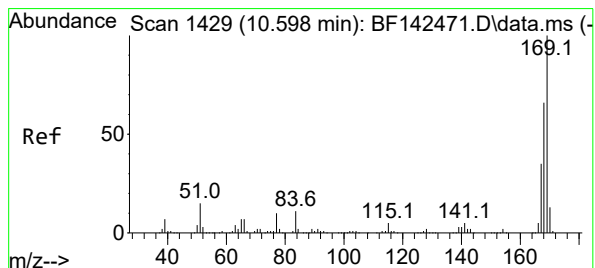
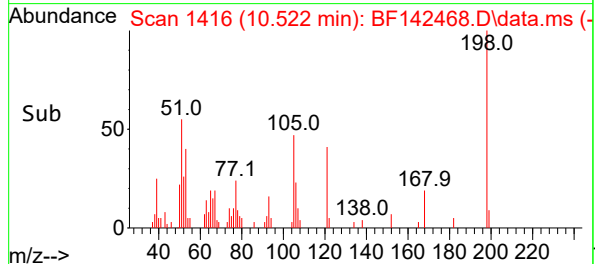
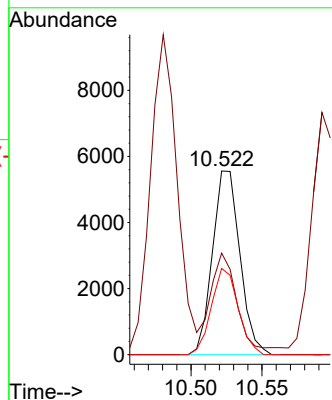
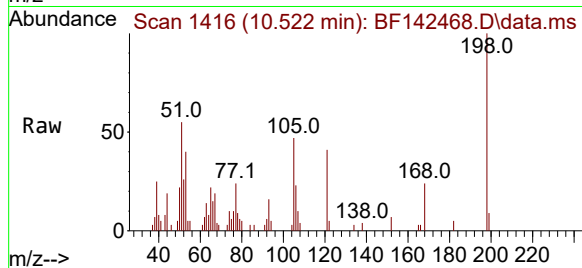




#65
4,6-Dinitro-2-methylphenol
Concen: 3.833 ng
RT: 10.522 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

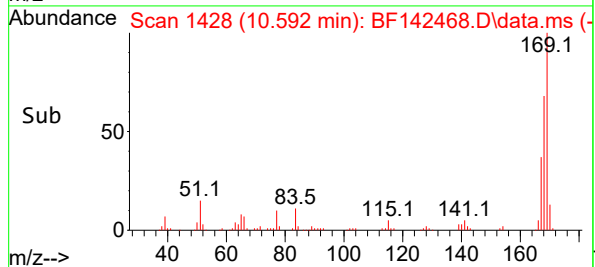
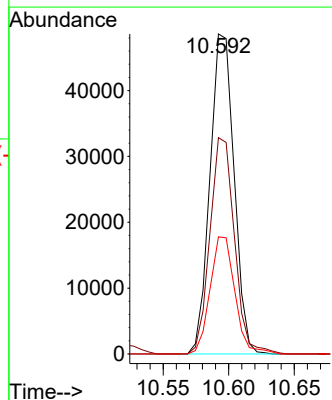
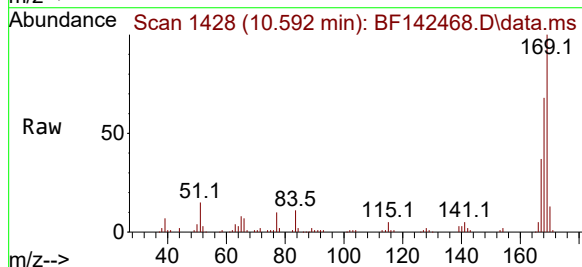
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

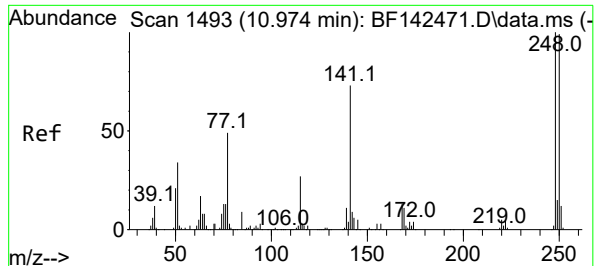
Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.3	28.3	68.3
105	46.9	21.3	61.3



#66
n-Nitrosodiphenylamine
Concen: 5.204 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.7	79.1
167	36.6	28.3	42.5

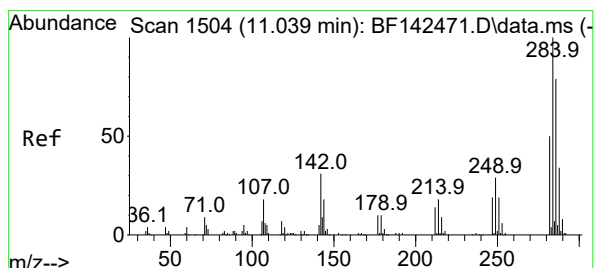
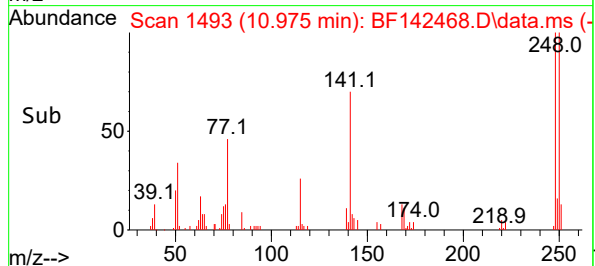
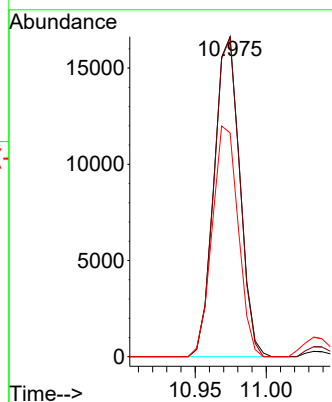
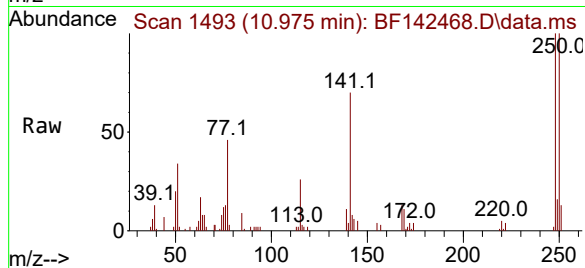




#67
4-Bromophenyl-phenylether
Concen: 5.076 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

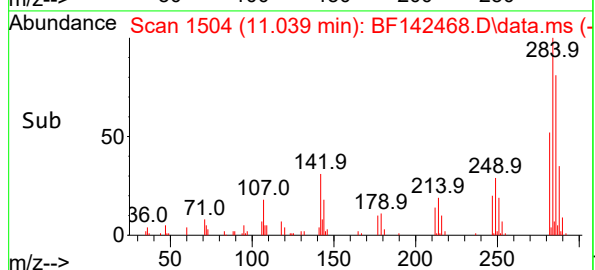
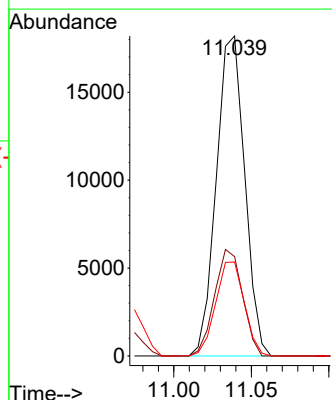
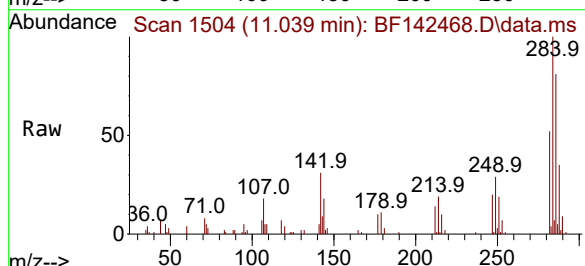
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

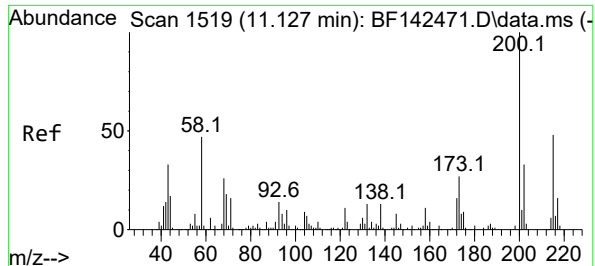
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.0	118.4
141	69.9	58.4	87.6



#68
Hexachlorobenzene
Concen: 5.067 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.8	37.2
249	29.4	23.6	35.4





#69

Atrazine

Concen: 5.053 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

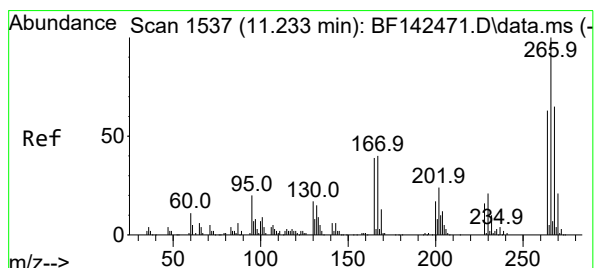
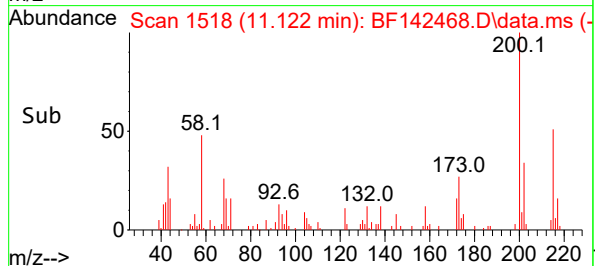
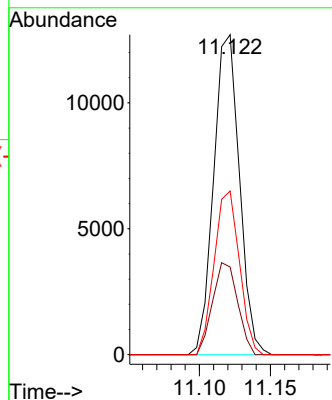
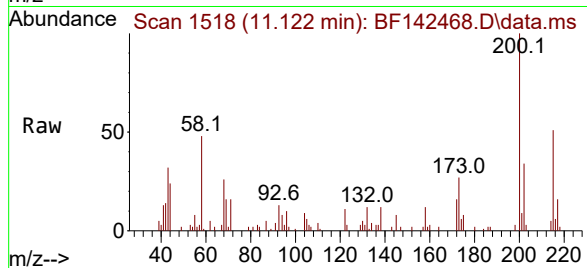
Tgt Ion:200 Resp: 16045

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 51.1 28.5 68.5



#70

Pentachlorophenol

Concen: 4.401 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

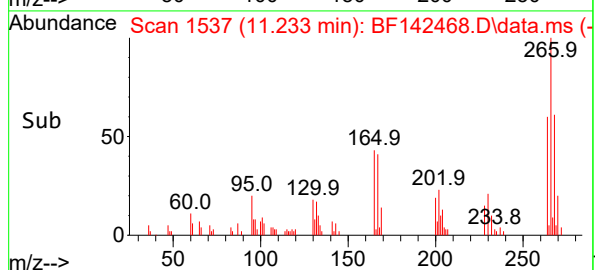
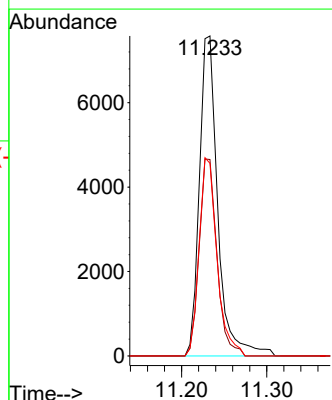
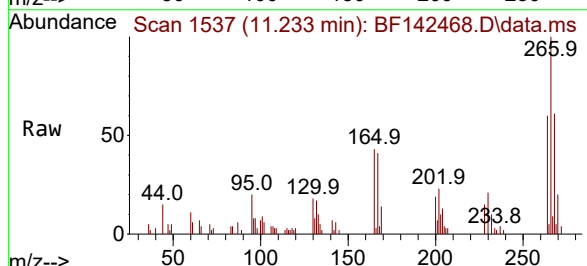
Tgt Ion:266 Resp: 11357

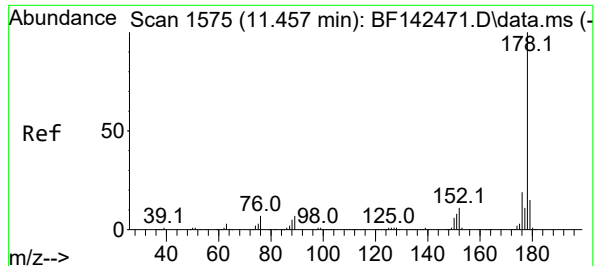
Ion Ratio Lower Upper

266 100

268 61.4 51.7 77.5

264 60.2 50.4 75.6

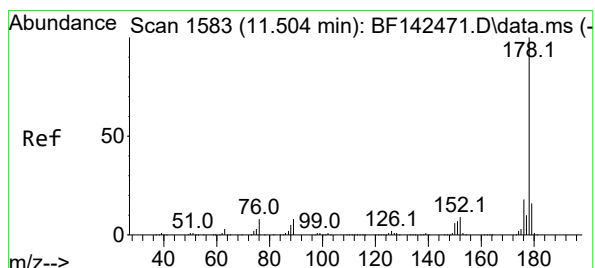
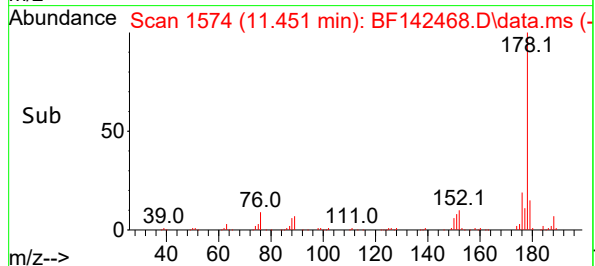
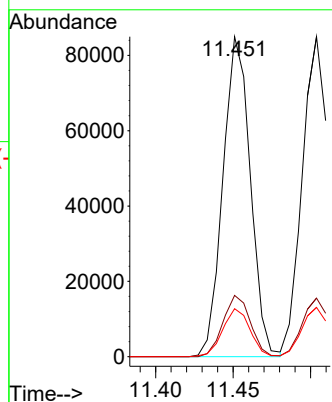
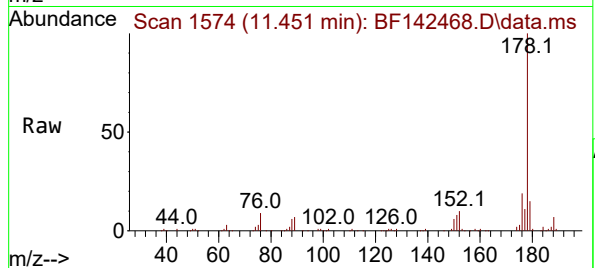




#71
Phenanthrene
Concen: 5.594 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

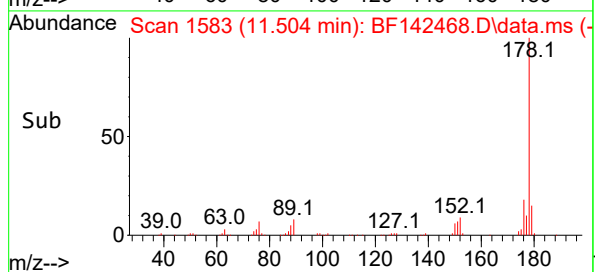
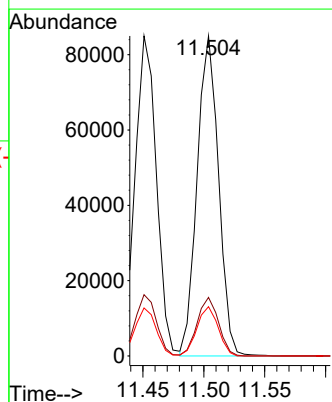
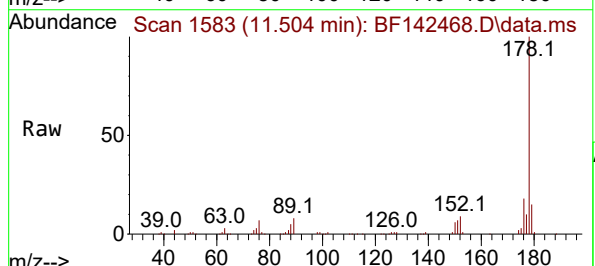
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

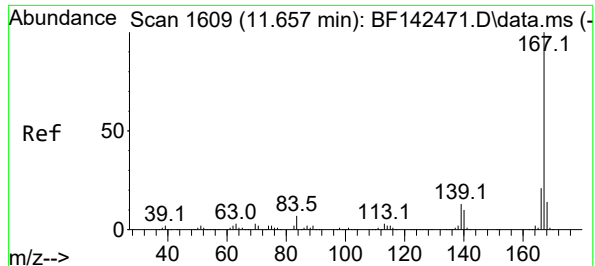
Tgt Ion:178 Resp: 104484
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.0 12.3 18.5



#72
Anthracene
Concen: 5.457 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

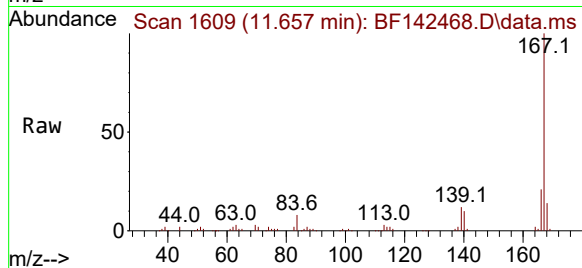
Tgt Ion:178 Resp: 104017
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.4 12.4 18.6



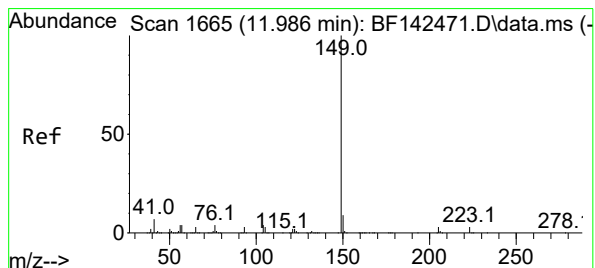
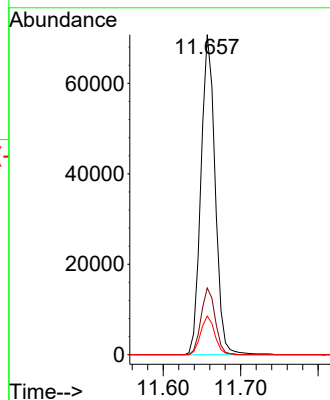
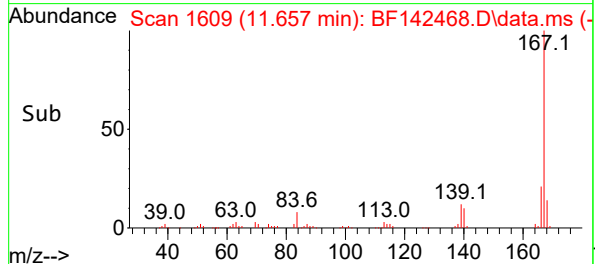


#73
Carbazole
Concen: 5.521 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

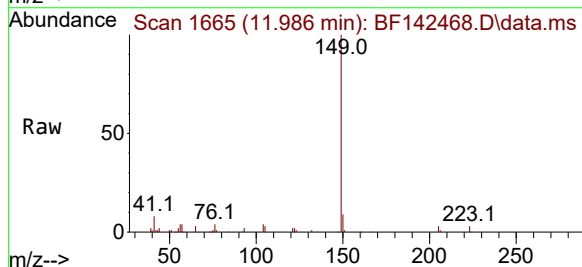
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



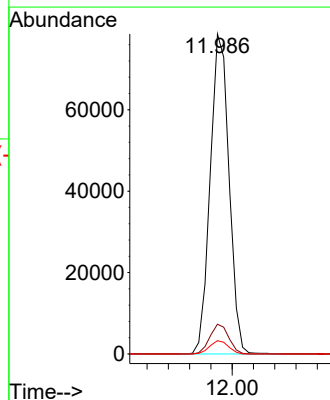
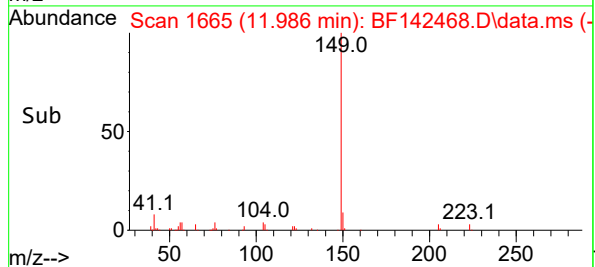
Tgt Ion:167 Resp: 89967
Ion Ratio Lower Upper
167 100
166 20.8 16.9 25.3
139 12.1 10.2 15.4

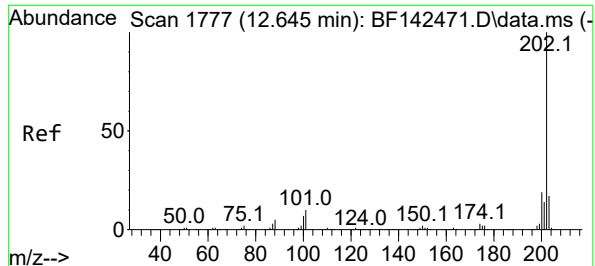


#74
Di-n-butylphthalate
Concen: 5.426 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38



Tgt Ion:149 Resp: 96777
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.1 3.6 5.4

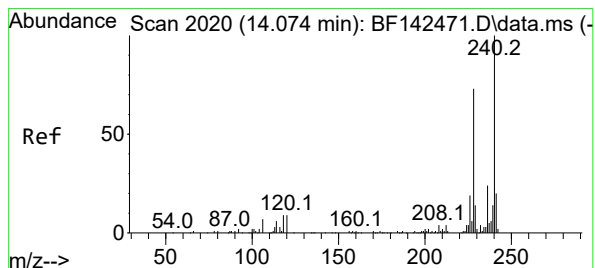
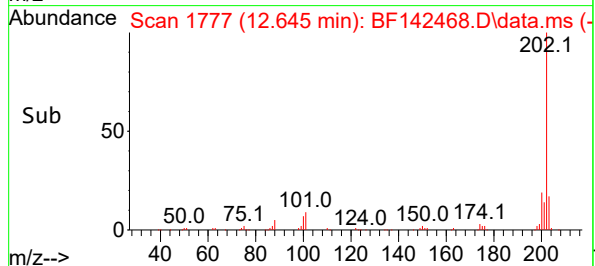
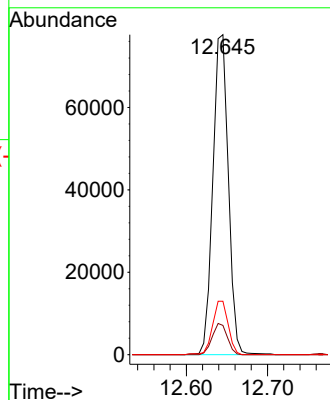
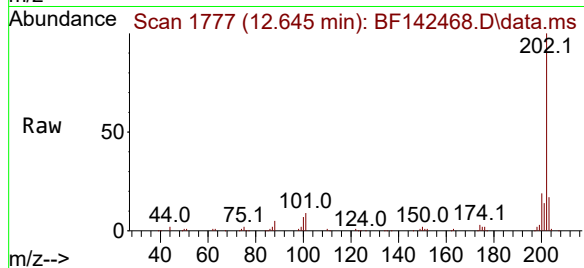




#75
Fluoranthene
Concen: 5.890 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

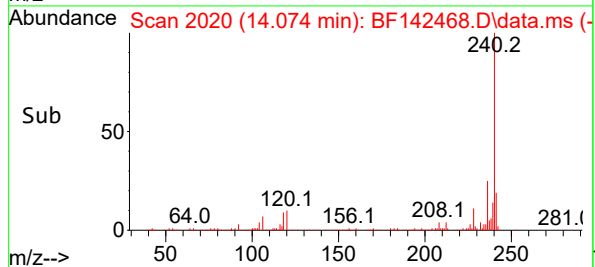
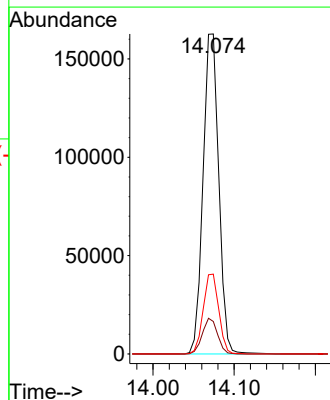
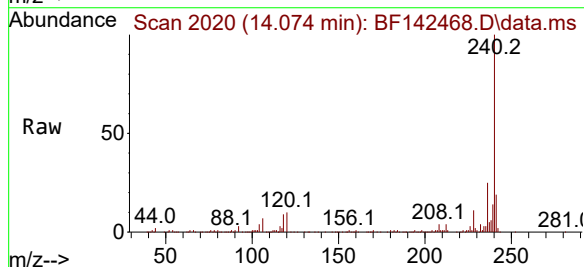
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

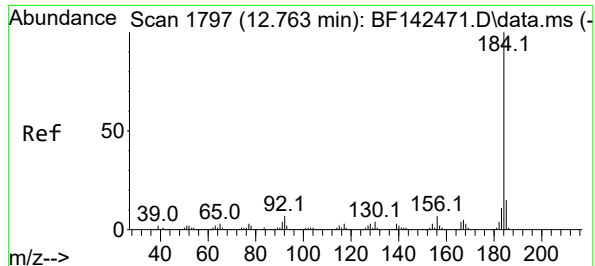
Tgt Ion:202 Resp: 102797
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.6
203 16.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:240 Resp: 218524
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 25.0 19.6 29.4





#77

Benzidine

Concen: 4.499 ng

RT: 12.763 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

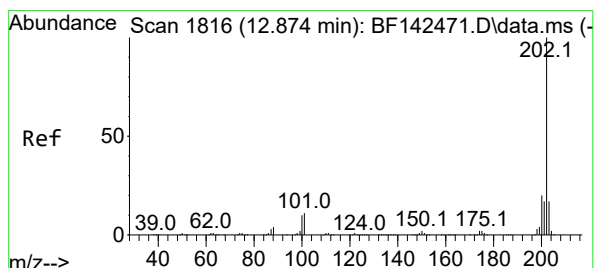
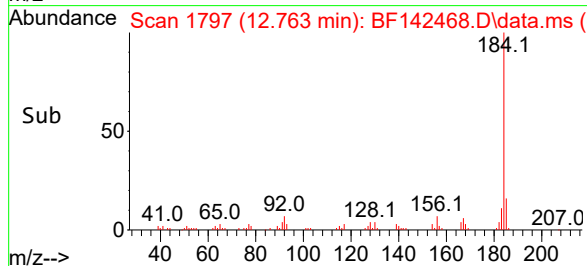
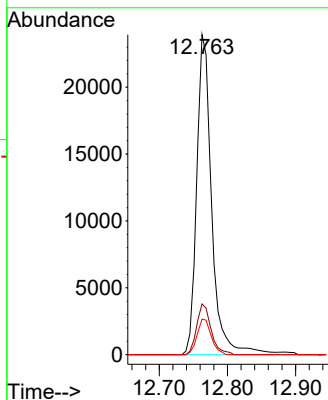
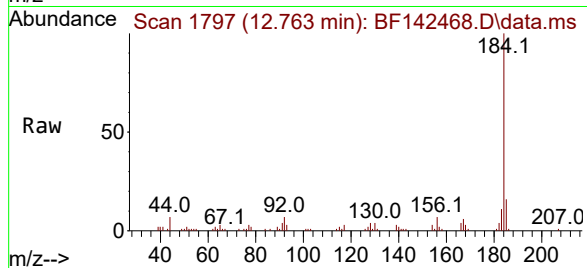
Tgt Ion:184 Resp: 36585

Ion Ratio Lower Upper

184 100

185 15.9 11.6 17.4

183 11.1 9.0 13.4



#78

Pyrene

Concen: 5.170 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

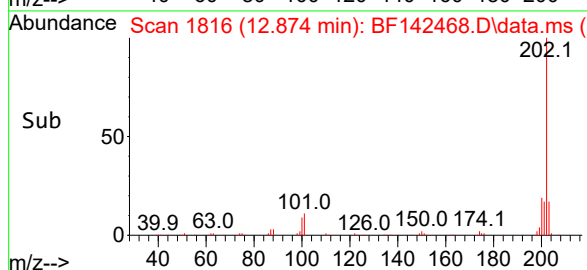
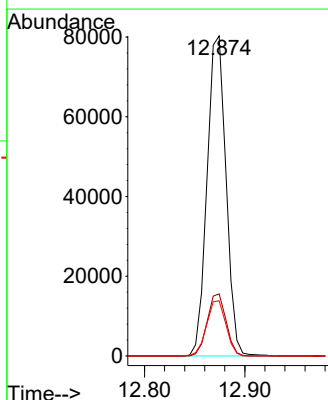
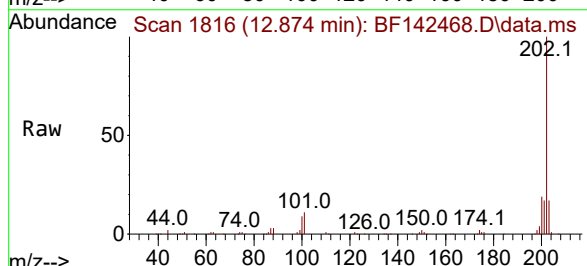
Tgt Ion:202 Resp: 105394

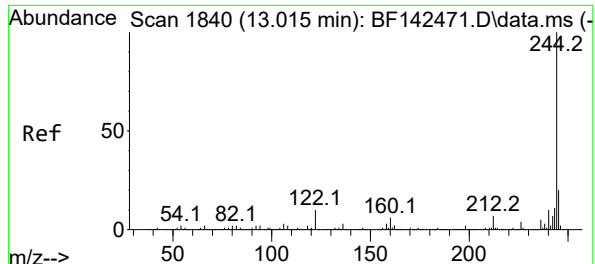
Ion Ratio Lower Upper

202 100

200 19.4 16.1 24.1

203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 11.096 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

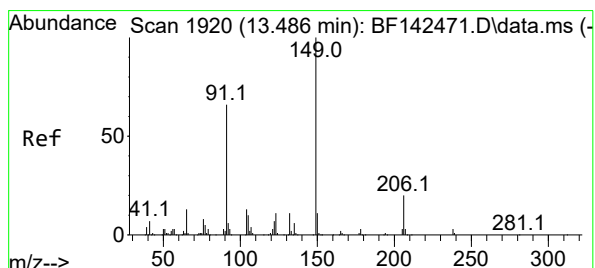
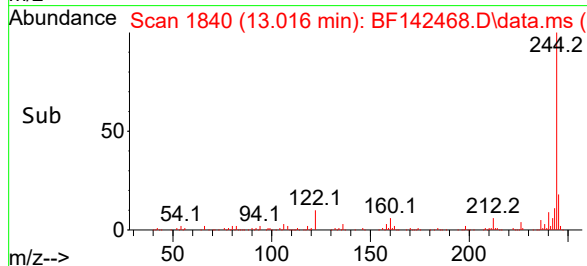
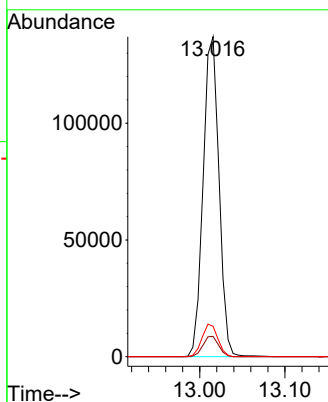
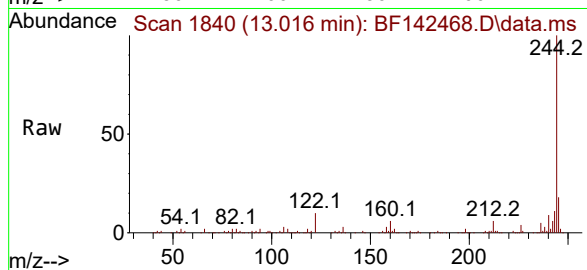
Tgt Ion:244 Resp: 177430

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 9.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 4.483 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

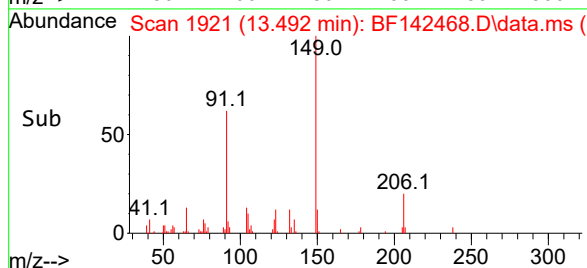
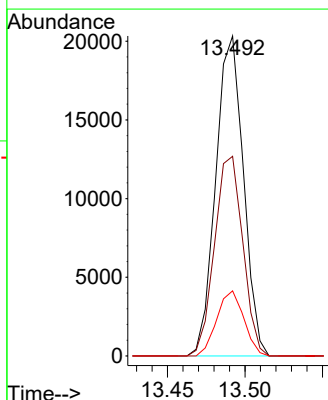
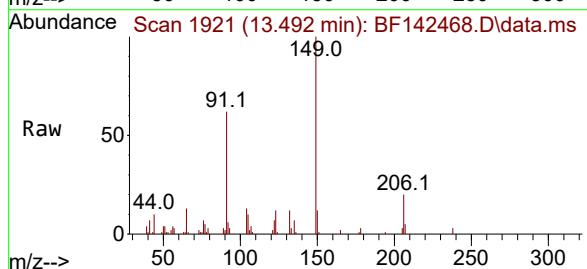
Tgt Ion:149 Resp: 25251

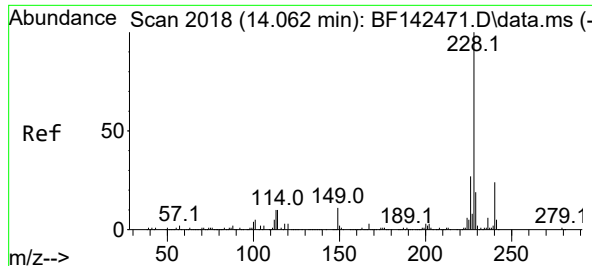
Ion Ratio Lower Upper

149 100

91 62.4 52.9 79.3

206 20.3 16.2 24.2

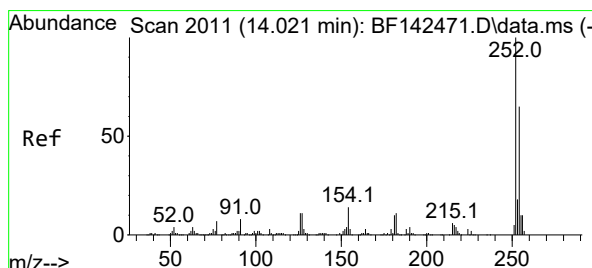
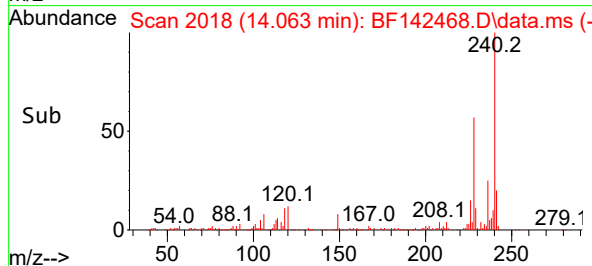
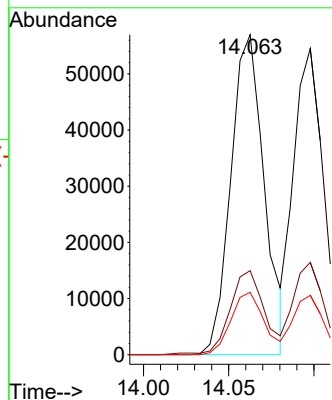
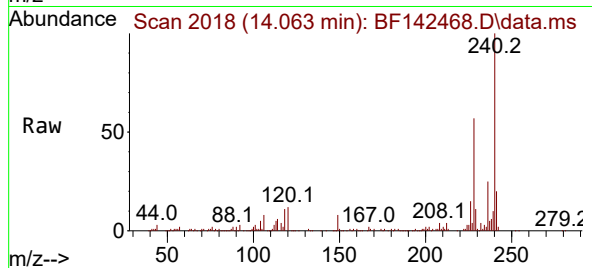




#81
Benzo(a)anthracene
Concen: 5.332 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

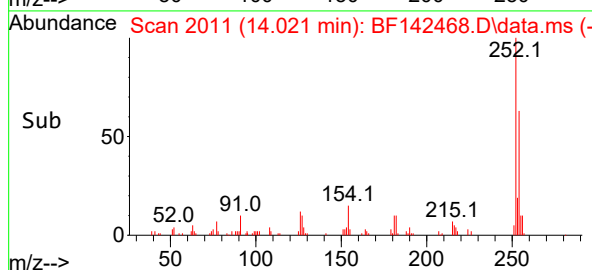
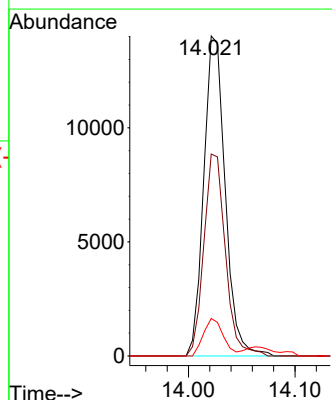
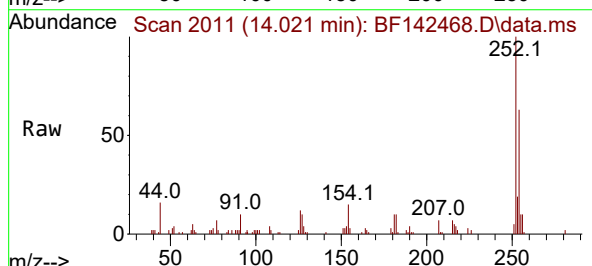
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

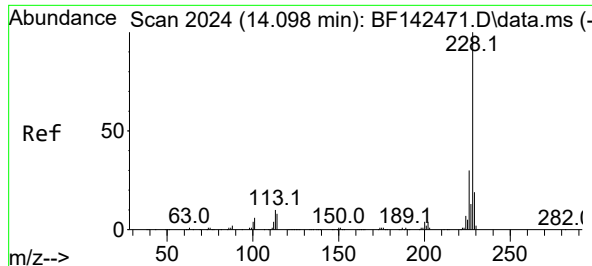
Tgt Ion:228 Resp: 77800
Ion Ratio Lower Upper
228 100
226 26.2 21.2 31.8
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 4.445 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:252 Resp: 19673
Ion Ratio Lower Upper
252 100
254 63.1 52.0 78.0
126 11.7 8.9 13.3





#83

Chrysene

Concen: 5.092 ng

RT: 14.098 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

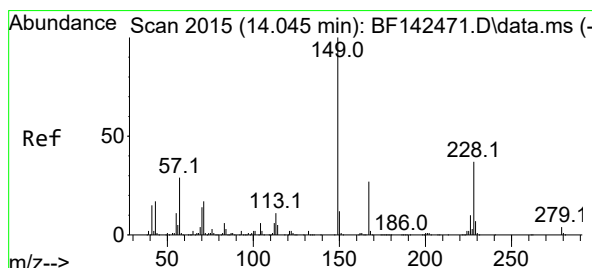
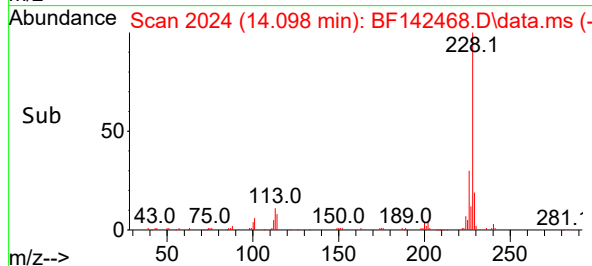
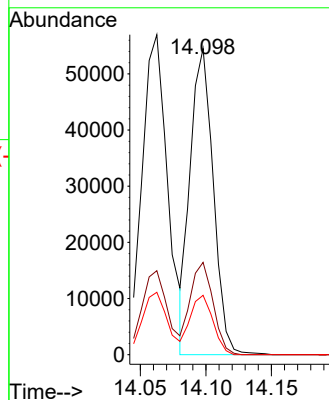
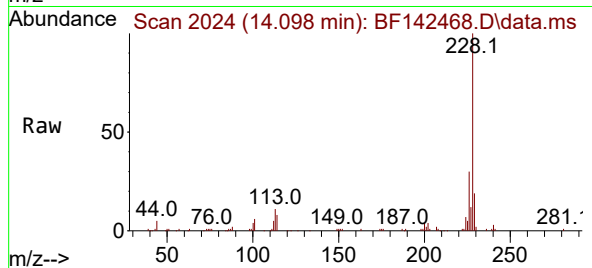
Tgt Ion:228 Resp: 66761

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.4 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.864 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

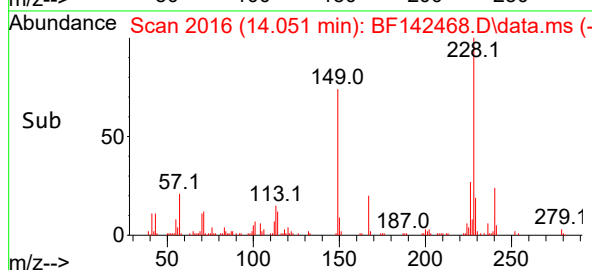
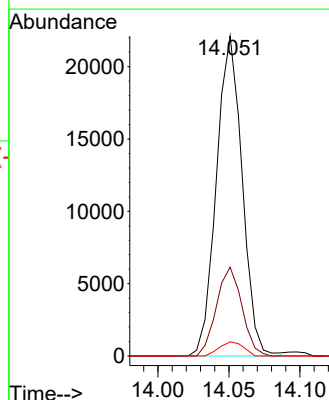
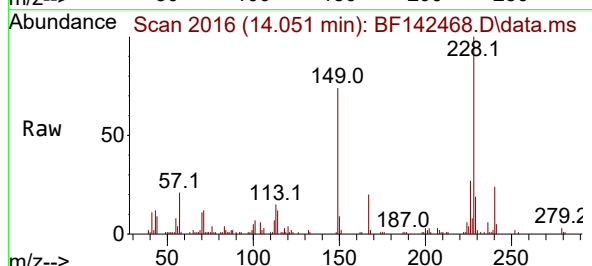
Tgt Ion:149 Resp: 27864

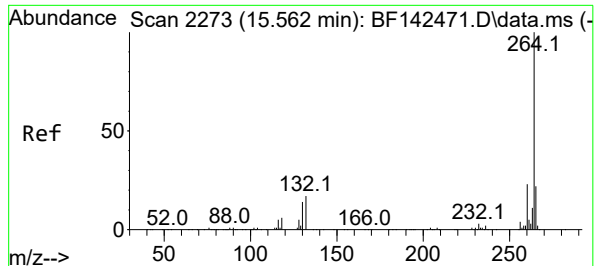
Ion Ratio Lower Upper

149 100

167 27.8 21.5 32.3

279 4.4 3.2 4.8

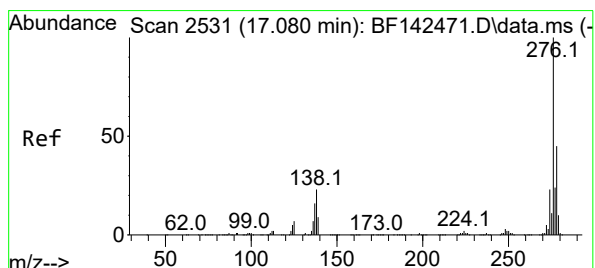
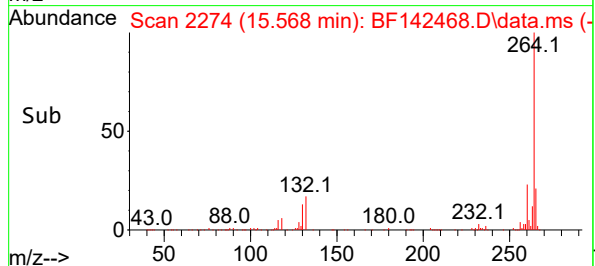
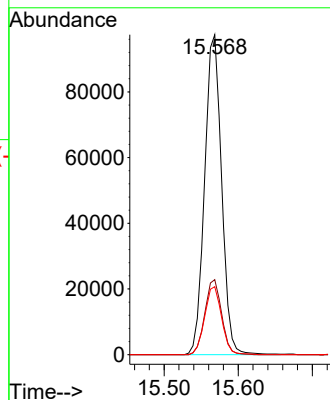
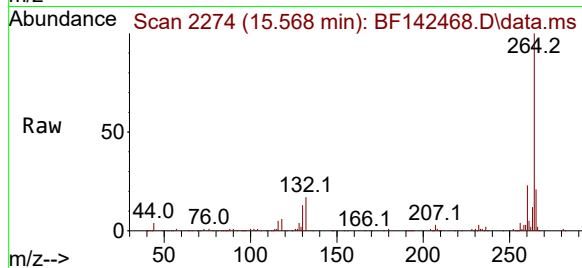




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

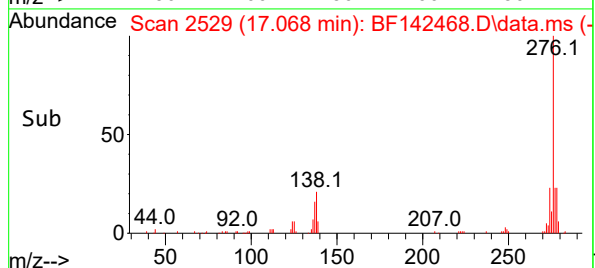
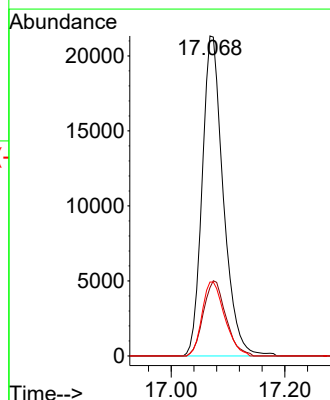
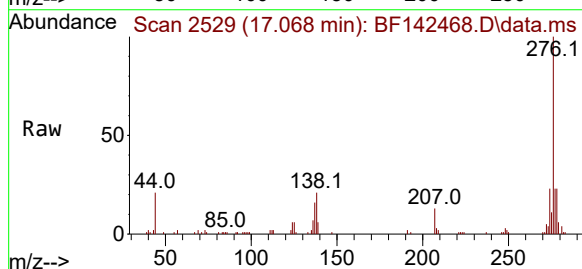
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

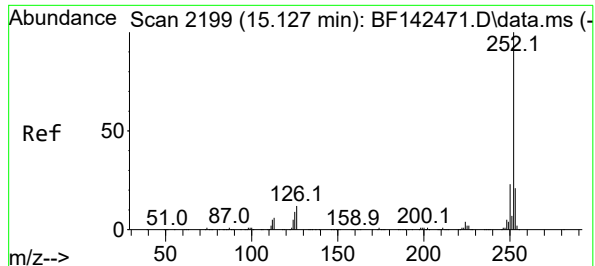
Tgt Ion:264 Resp: 154887
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.3 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.733 ng
RT: 17.068 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:276 Resp: 55034
Ion Ratio Lower Upper
276 100
138 25.1 19.9 29.9
277 24.8 20.2 30.2

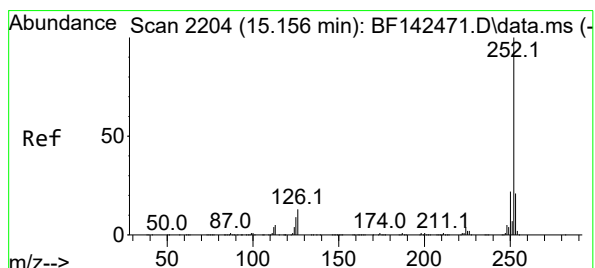
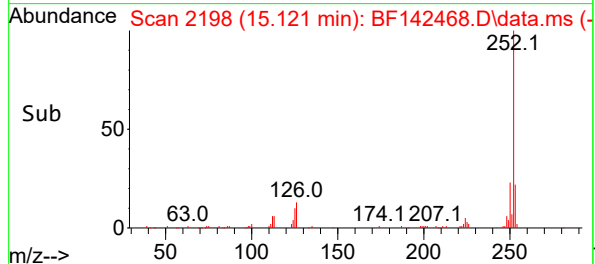
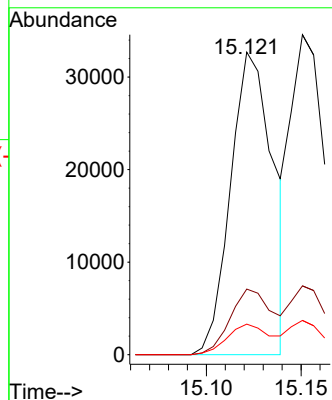
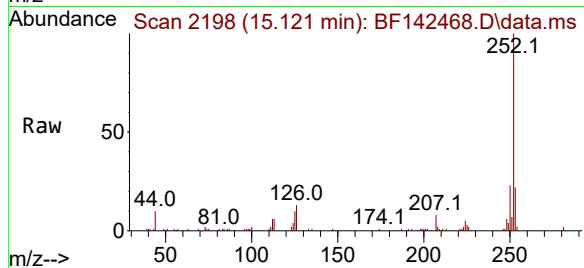




#88
Benzo(b)fluoranthene
Concen: 5.565 ng
RT: 15.121 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

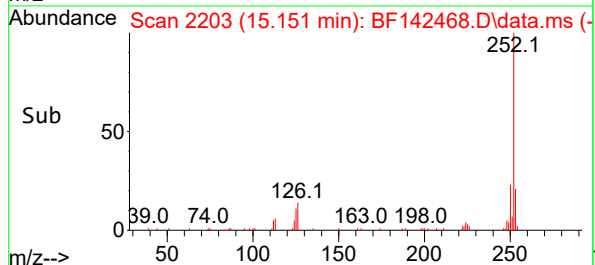
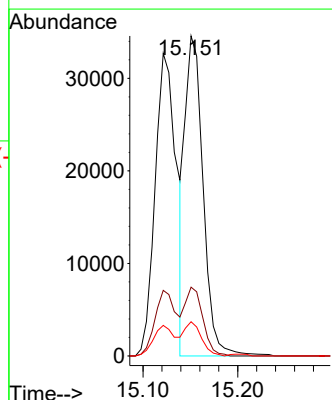
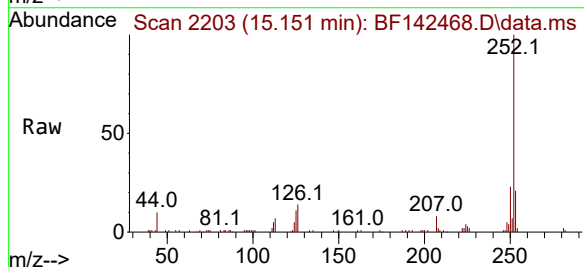
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

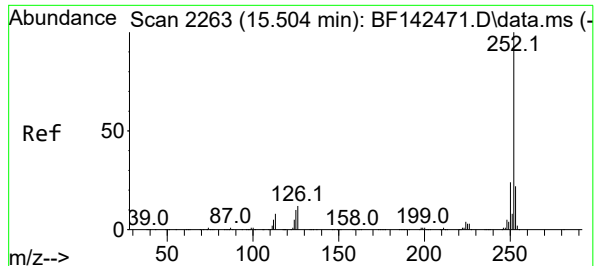
Tgt Ion:252 Resp: 51014
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 10.1 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 5.371 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:252 Resp: 46114
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 10.7 7.3 10.9





#90

Benzo(a)pyrene

Concen: 5.172 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

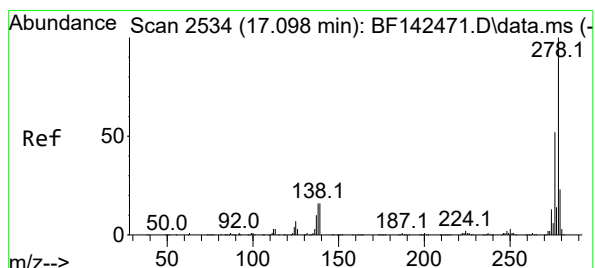
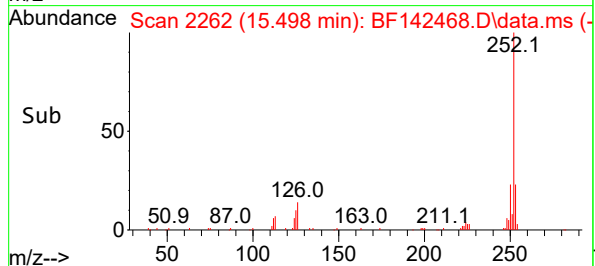
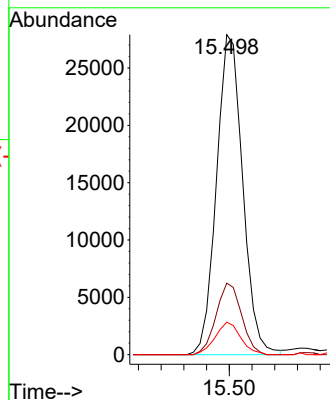
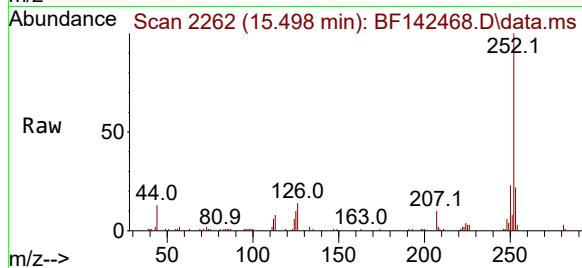
Tgt Ion:252 Resp: 44694

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 10.1 7.9 11.9



#91

Dibenzo(a,h)anthracene

Concen: 4.731 ng

RT: 17.092 min Scan# 2533

Delta R.T. -0.023 min

Lab File: BF142468.D

Acq: 20 May 2025 12:38

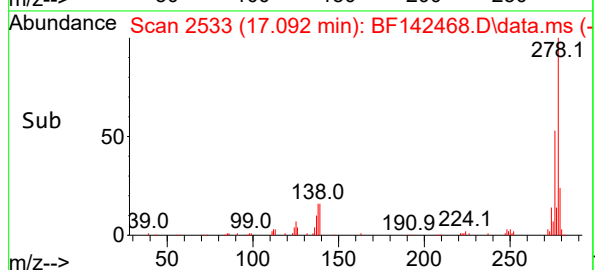
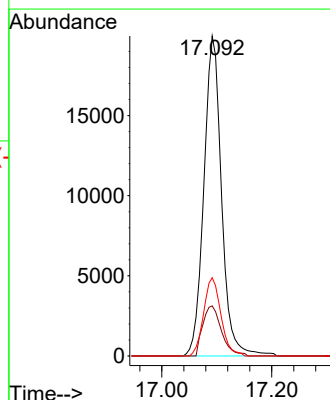
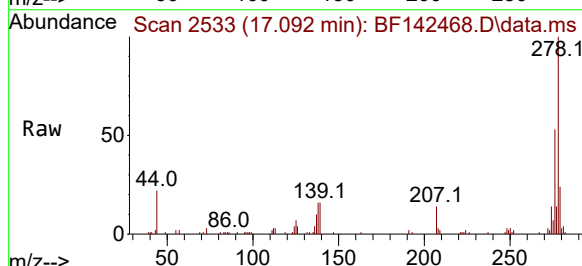
Tgt Ion:278 Resp: 44618

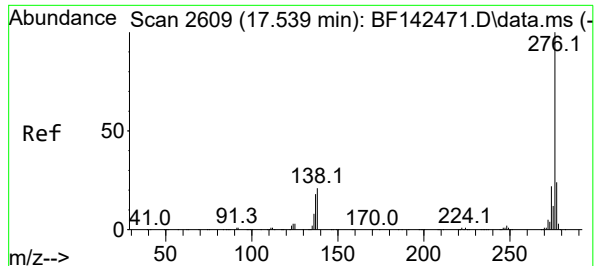
Ion Ratio Lower Upper

278 100

139 15.6 12.8 19.2

279 24.4 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 4.737 ng

RT: 17.527 min Scan# 2

Delta R.T. -0.029 min

Lab File: BF142468.D

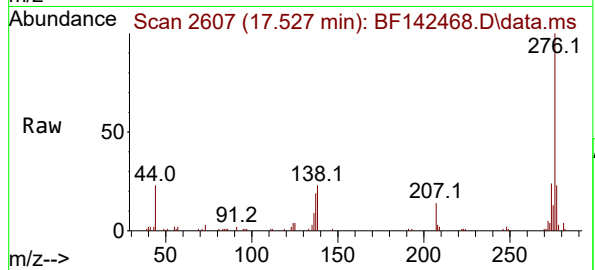
Acq: 20 May 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



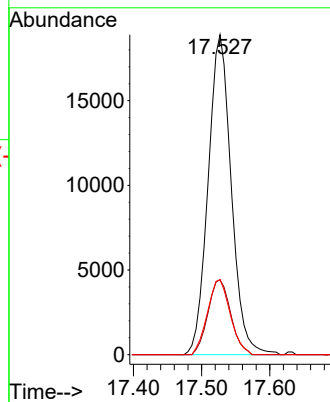
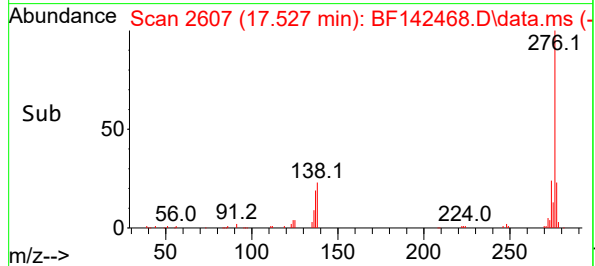
Tgt Ion:276 Resp: 44684

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 23.5 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142469.D
 Acq On : 20 May 2025 13:07
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: May 20 16:55:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	93167	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	365488	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	205654	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	357871	20.000	ng	0.00
76) Chrysene-d12	14.069	240	197144	20.000	ng	0.00
86) Perylene-d12	15.563	264	160066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	113098	20.452	ng	-0.01
7) Phenol-d6	6.516	99	134953	20.273	ng	-0.02
23) Nitrobenzene-d5	7.457	82	133256	19.881	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	46280	20.276	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	332871	21.719	ng	-0.01
79) Terphenyl-d14	13.010	244	311785	21.612	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	21412	9.676	ng	99
3) Pyridine	3.440	79	53586	9.509	ng	97
4) n-Nitrosodimethylamine	3.369	42	27624	9.441	ng	# 97
6) Aniline	6.557	93	87993	9.831	ng	99
8) 2-Chlorophenol	6.681	128	60216	9.997	ng	100
9) Benzaldehyde	6.446	77	45431	11.347	ng	98
10) Phenol	6.528	94	75527	10.083	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	53797	9.978	ng	99
12) 1,3-Dichlorobenzene	6.840	146	68483	10.189	ng	98
13) 1,4-Dichlorobenzene	6.916	146	68774	10.158	ng	98
14) 1,2-Dichlorobenzene	7.069	146	65441	10.102	ng	99
15) Benzyl Alcohol	7.034	79	47712	9.699	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	92128	10.175	ng	100
17) 2-Methylphenol	7.140	107	46205	9.825	ng	98
18) Hexachloroethane	7.416	117	23425	9.909	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	40995	9.937	ng	96
20) 3+4-Methylphenols	7.293	107	61444	10.203	ng	# 86
22) Acetophenone	7.304	105	82804	10.234	ng	98
24) Nitrobenzene	7.475	77	59873	9.904	ng	98
25) Isophorone	7.716	82	112365	10.027	ng	98
26) 2-Nitrophenol	7.798	139	31085	9.623	ng	96
27) 2,4-Dimethylphenol	7.828	122	57543	10.102	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	71943	10.277	ng	97
29) 2,4-Dichlorophenol	8.034	162	51500	9.941	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	57228	10.179	ng	97
31) Naphthalene	8.204	128	186515	10.364	ng	100
32) Benzoic acid	7.893	122	27956m	8.062	ng	
33) 4-Chloroaniline	8.251	127	74805	10.258	ng	98
34) Hexachlorobutadiene	8.322	225	35161	10.016	ng	99
35) Caprolactam	8.587	113	13862	9.527	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	52919	9.968	ng	98
37) 2-Methylnaphthalene	8.892	142	116592	10.298	ng	98
38) 1-Methylnaphthalene	8.992	142	122130	10.429	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	59609	10.097	ng	99
41) Hexachlorocyclopentadiene	9.051	237	36016	9.044	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	38354	9.635	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142469.D
 Acq On : 20 May 2025 13:07
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: May 20 16:55:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	42272	10.069	ng	96
46) 1,1'-Biphenyl	9.357	154	165063	10.346	ng	99
47) 2-Chloronaphthalene	9.387	162	120339	10.208	ng	96
48) 2-Nitroaniline	9.475	65	32722	9.604	ng	98
49) Acenaphthylene	9.798	152	203767	10.237	ng	99
50) Dimethylphthalate	9.651	163	137804	10.155	ng	100
51) 2,6-Dinitrotoluene	9.716	165	29112	9.940	ng	98
52) Acenaphthene	9.975	154	125669	10.339	ng	96
53) 3-Nitroaniline	9.887	138	31820	9.947	ng	99
54) 2,4-Dinitrophenol	9.992	184	11352	7.502	ng #	82
55) Dibenzofuran	10.145	168	181558	10.380	ng	98
56) 4-Nitrophenol	10.034	139	22320	9.456	ng	92
57) 2,4-Dinitrotoluene	10.116	165	37749	9.869	ng	97
58) Fluorene	10.486	166	143883	10.648	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34548	9.857	ng	99
60) Diethylphthalate	10.357	149	134662	10.161	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	69739	10.506	ng	97
62) 4-Nitroaniline	10.492	138	29122	10.038	ng	98
63) Azobenzene	10.639	77	122806	10.317	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	16782	8.403	ng	94
66) n-Nitrosodiphenylamine	10.592	169	121959	9.961	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	42057	9.939	ng	96
68) Hexachlorobenzene	11.034	284	47773	10.207	ng	98
69) Atrazine	11.116	200	31184	9.591	ng	98
70) Pentachlorophenol	11.228	266	24115	9.126	ng	99
71) Phenanthrene	11.451	178	195667	10.231	ng	100
72) Anthracene	11.504	178	202509	10.375	ng	99
73) Carbazole	11.657	167	173217	10.381	ng	100
74) Di-n-butylphthalate	11.986	149	185880	10.177	ng	100
75) Fluoranthene	12.639	202	193456	10.825	ng	99
77) Benzidine	12.763	184	77091	10.508	ng	99
78) Pyrene	12.869	202	193842	10.540	ng	100
80) Butylbenzylphthalate	13.486	149	44682	8.793	ng	97
81) Benzo(a)anthracene	14.057	228	126886	9.639	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	35845	8.977	ng	99
83) Chrysene	14.092	228	118674	10.032	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	54056	8.310	ng	98
85) Di-n-octyl phthalate	14.663	149	94445	7.425	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	119642	9.956	ng	99
88) Benzo(b)fluoranthene	15.121	252	88432	9.335	ng	98
89) Benzo(k)fluoranthene	15.151	252	93315	10.517	ng	99
90) Benzo(a)pyrene	15.498	252	86477	9.684	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	98308	10.087	ng	98
92) Benzo(g,h,i)perylene	17.521	276	97640	10.016	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Abundance

TIC: BF142469.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylamine,

2-Fluorophenol, S

Phenol, d6, S

1,4-Dichlorobenzene, d4, I

1,4-Dichlorobenzene, P

Nitrobenzene, d3, S

Nitrobenzene, d3, S

Naphthalene, d8, I

2-Fluorobiphenyl, S

Acenaphthene, d10, I

4-Chlorophenylphenyl ether

Phenanthrene, d10, I

Terphenyl, d14, S

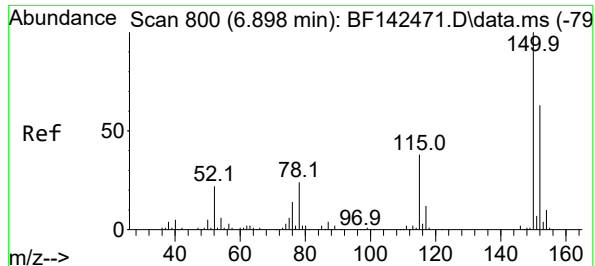
Benzo(a)anthracene

Chrysene, d12, I

Perylene, d12, I

Indeno(1,2,3-cd)pyrene

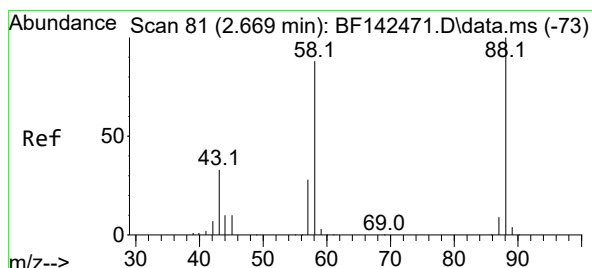
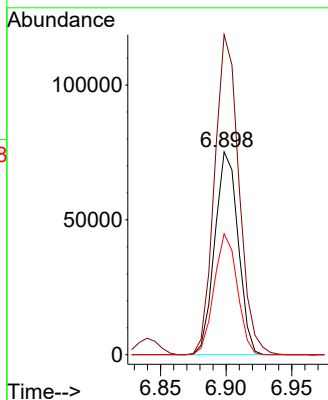
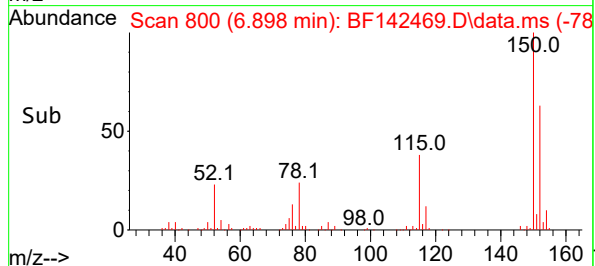
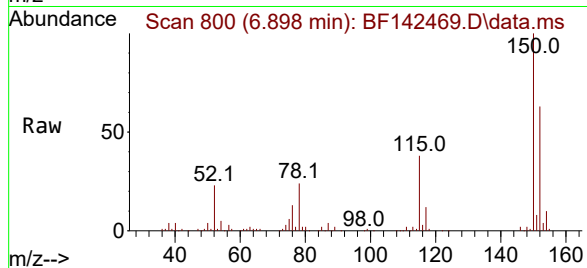
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

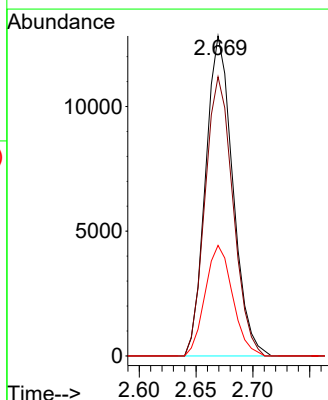
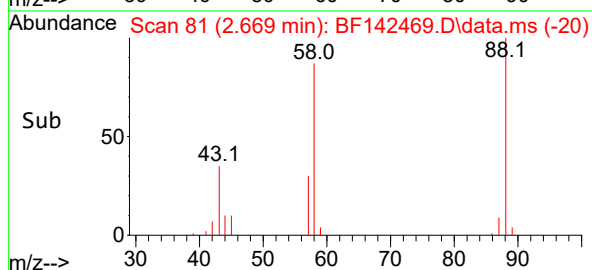
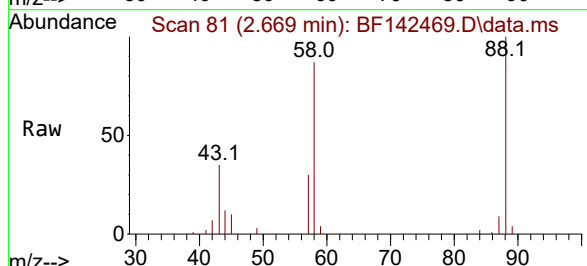
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

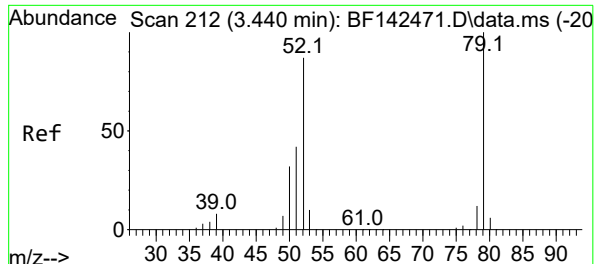
Tgt Ion:152 Resp: 93167
Ion Ratio Lower Upper
152 100
150 157.7 128.2 192.4
115 59.6 48.3 72.5



#2
1,4-Dioxane
Concen: 9.676 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 88 Resp: 21412
Ion Ratio Lower Upper
88 100
58 89.3 70.8 106.2
43 34.8 26.6 40.0





#3

Pyridine

Concen: 9.509 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

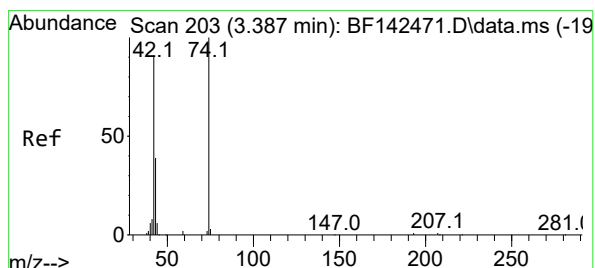
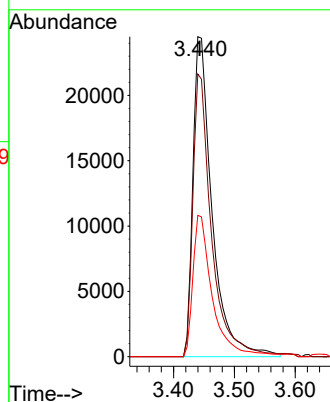
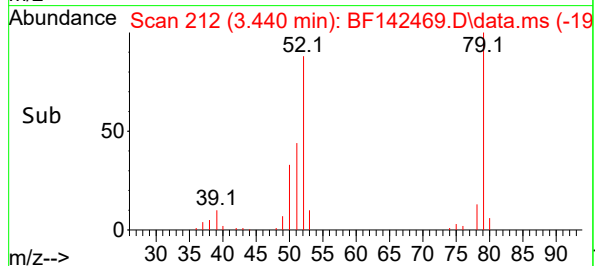
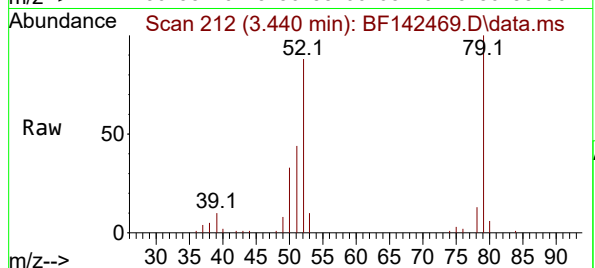
Tgt Ion: 79 Resp: 53586

Ion Ratio Lower Upper

79 100

52 88.4 69.2 103.8

51 44.2 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 9.441 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.035 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

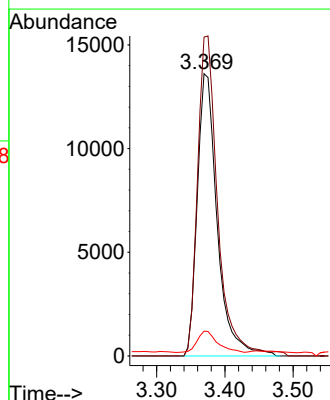
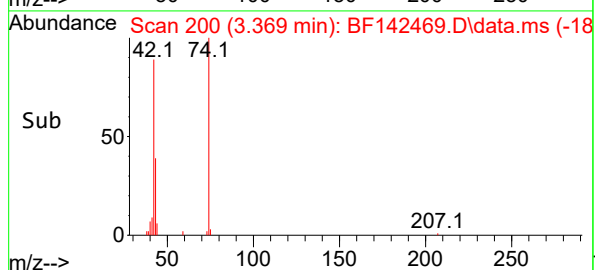
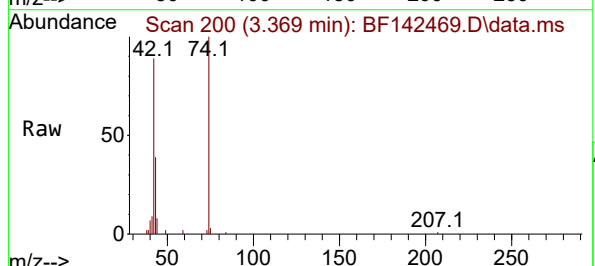
Tgt Ion: 42 Resp: 27624

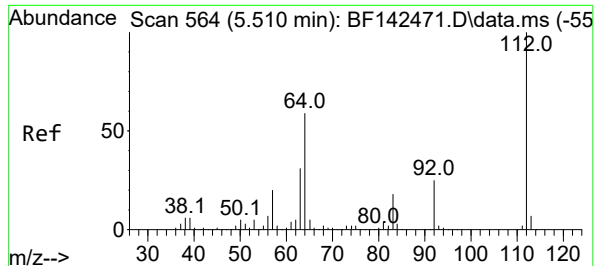
Ion Ratio Lower Upper

42 100

74 113.0 88.2 132.4

44 8.8 5.4 8.2#

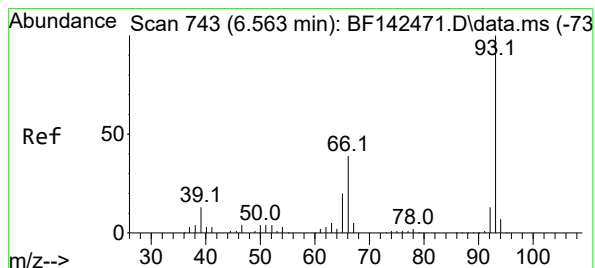
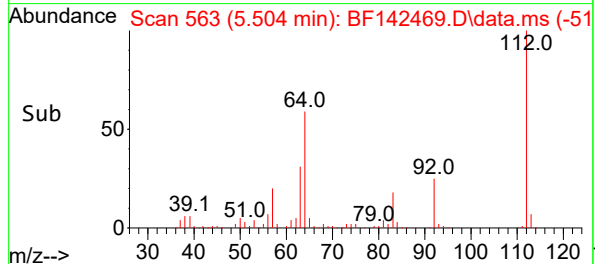
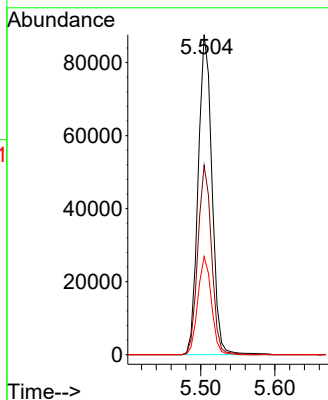
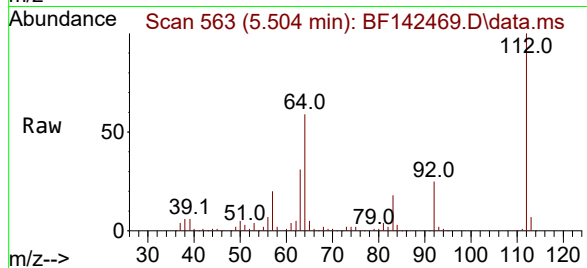




#5
2-Fluorophenol
Concen: 20.452 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

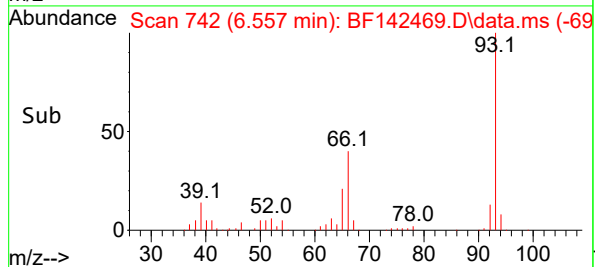
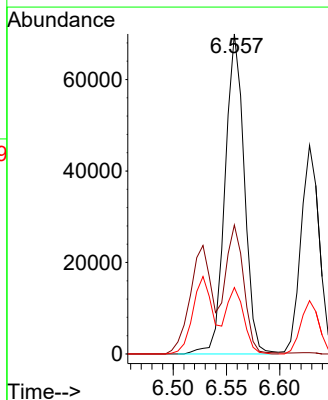
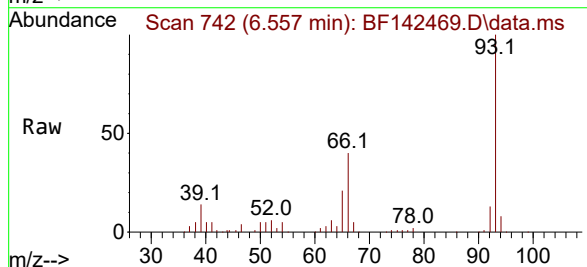
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

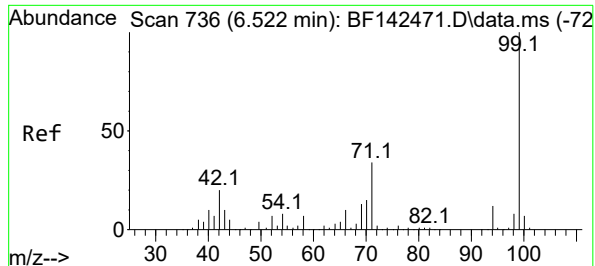
Tgt Ion:112 Resp: 113098
Ion Ratio Lower Upper
112 100
64 59.1 47.5 71.3
63 30.7 24.9 37.3



#6
Aniline
Concen: 9.831 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 93 Resp: 87993
Ion Ratio Lower Upper
93 100
66 40.3 32.0 48.0
65 20.8 16.1 24.1





#7

Phenol-d6

Concen: 20.273 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

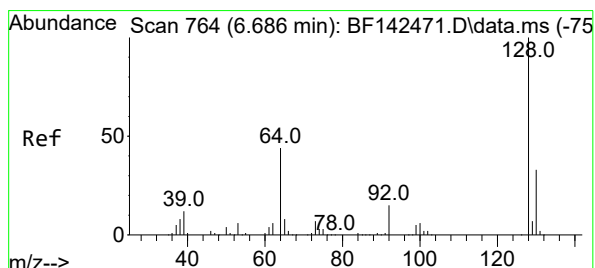
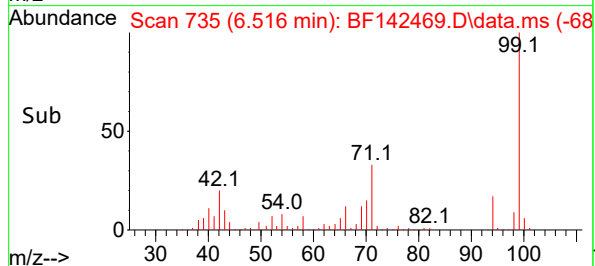
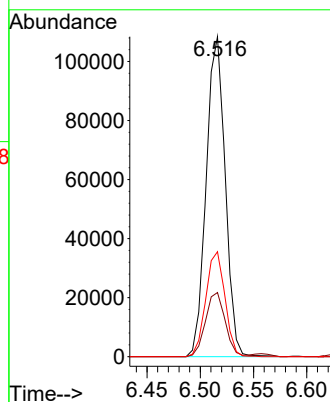
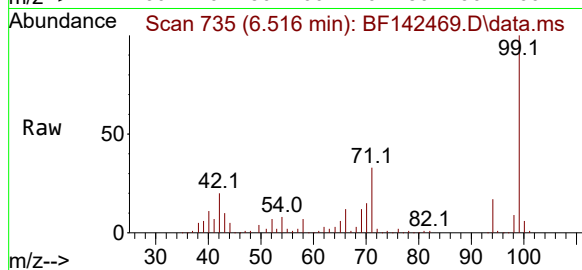
Tgt Ion: 99 Resp: 134953

Ion Ratio Lower Upper

99 100

42 20.0 16.2 24.2

71 32.8 27.3 40.9



#8

2-Chlorophenol

Concen: 9.997 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

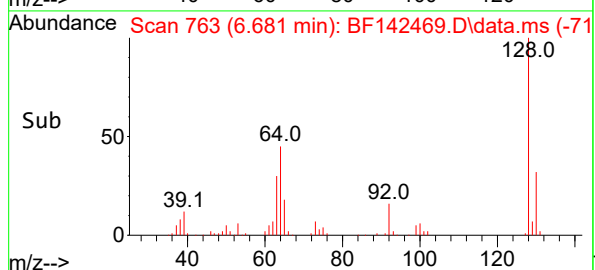
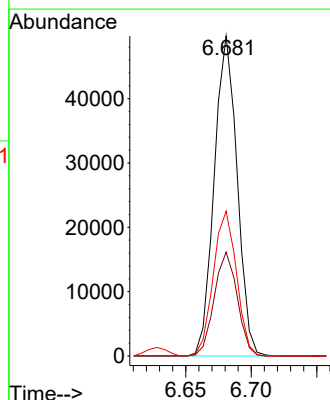
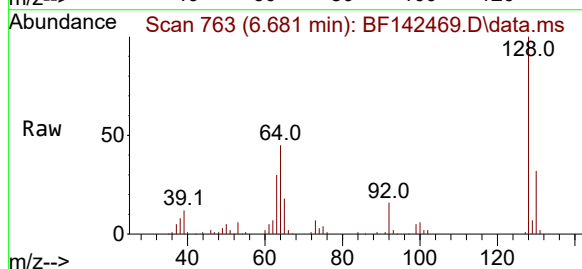
Tgt Ion: 128 Resp: 60216

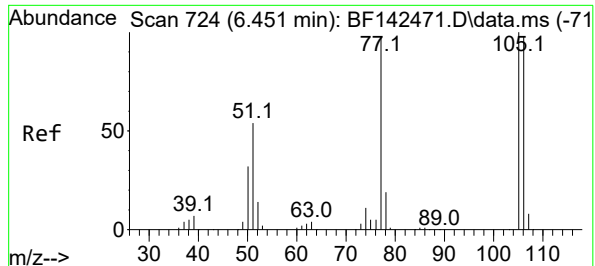
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 45.3 25.1 65.1

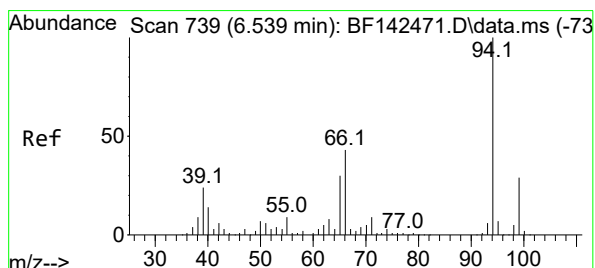
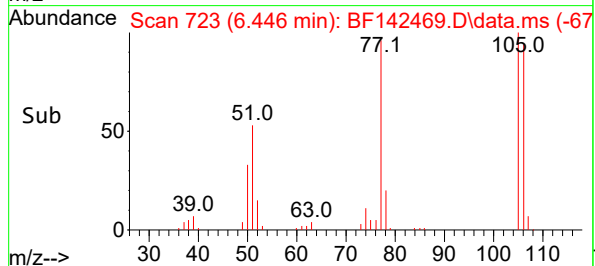
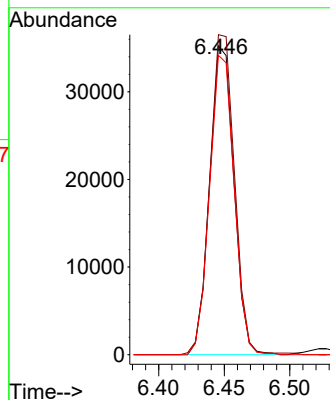
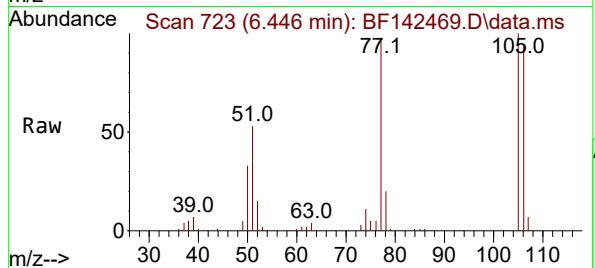




#9
Benzaldehyde
Concen: 11.347 ng
RT: 6.446 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

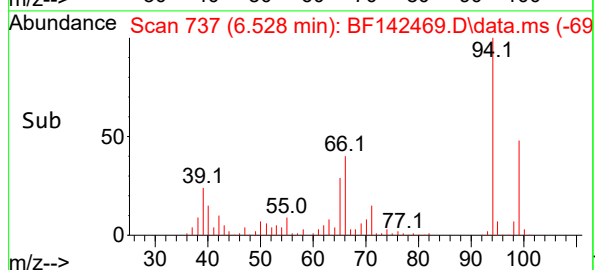
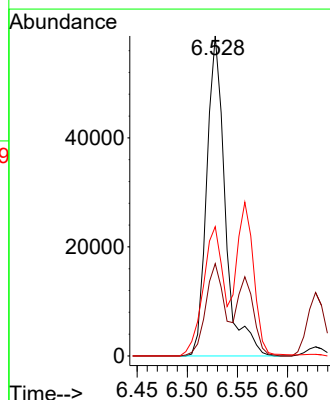
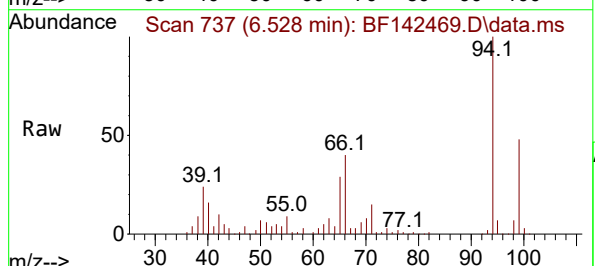
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

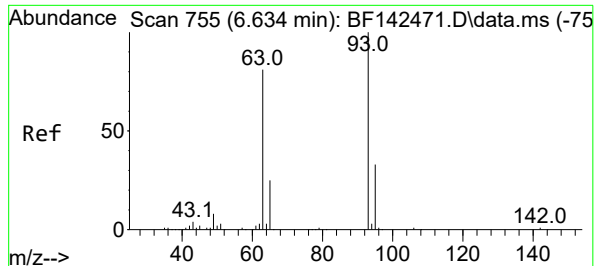
Tgt Ion: 77 Resp: 45431
Ion Ratio Lower Upper
77 100
105 103.6 82.5 122.5
106 97.0 80.0 120.0



#10
Phenol
Concen: 10.083 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 94 Resp: 75527
Ion Ratio Lower Upper
94 100
65 28.8 10.3 50.3
66 40.4 22.6 62.6

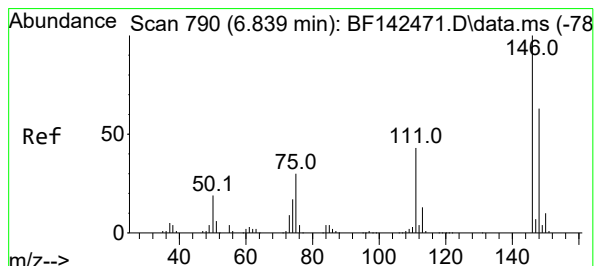
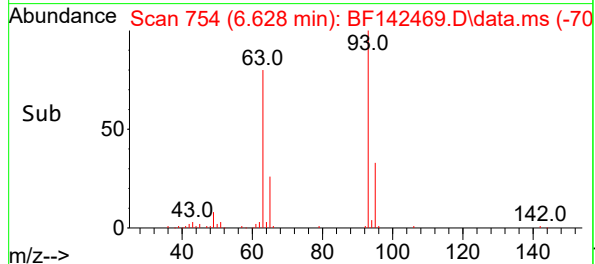
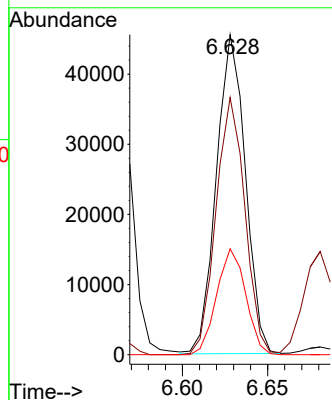
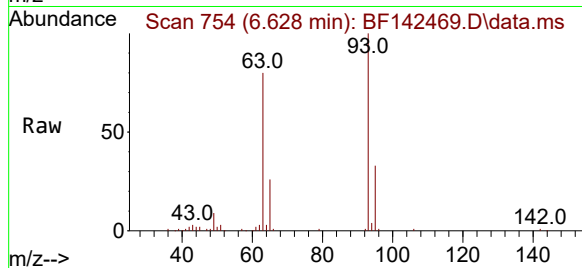




#11
bis(2-Chloroethyl)ether
Concen: 9.978 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

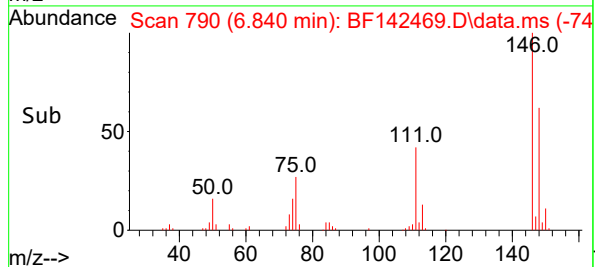
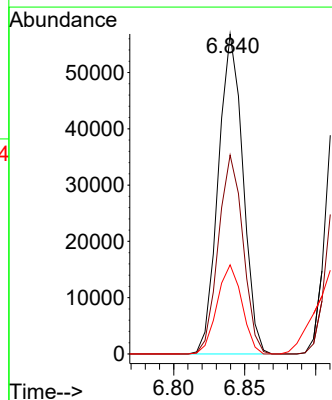
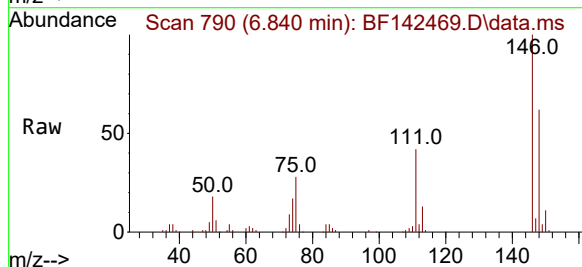
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

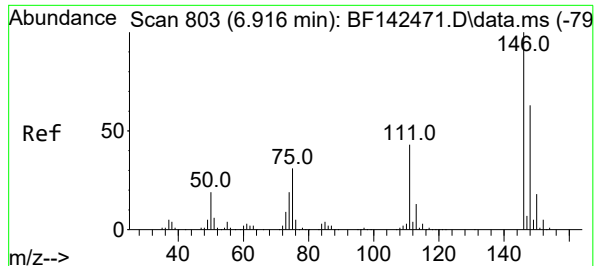
Tgt Ion: 93 Resp: 53797
Ion Ratio Lower Upper
93 100
63 80.3 60.2 100.2
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 10.189 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 146 Resp: 68483
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
75 27.9 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 10.158 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

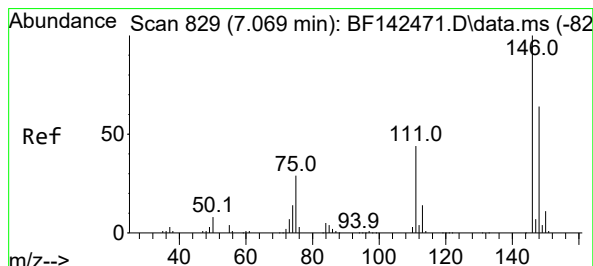
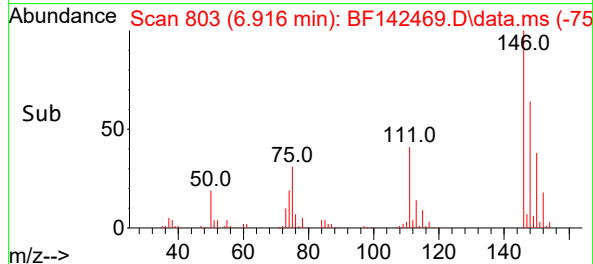
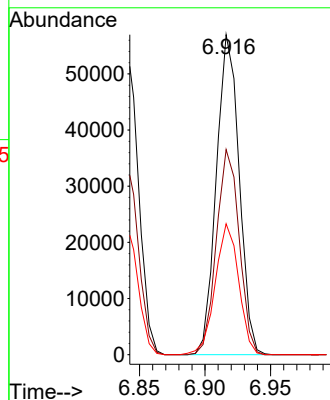
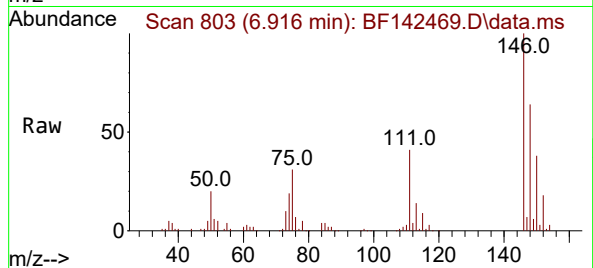
Tgt Ion:146 Resp: 68774

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 40.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 10.102 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

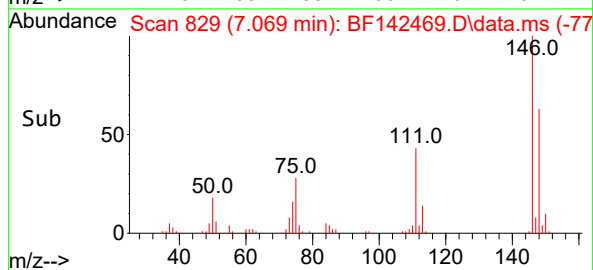
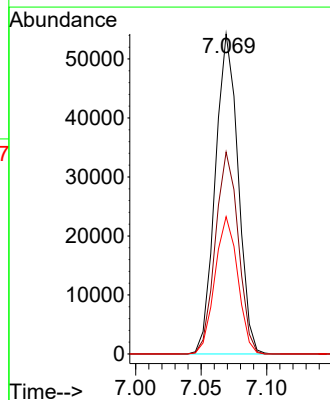
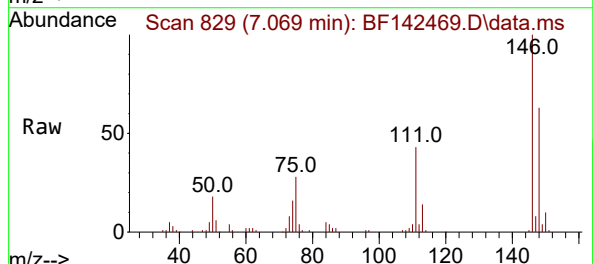
Tgt Ion:146 Resp: 65441

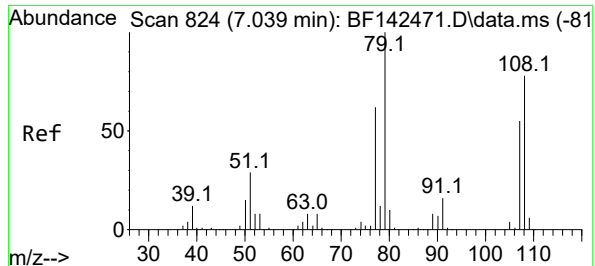
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

111 42.9 35.0 52.6





#15

Benzyl Alcohol

Concen: 9.699 ng

RT: 7.034 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

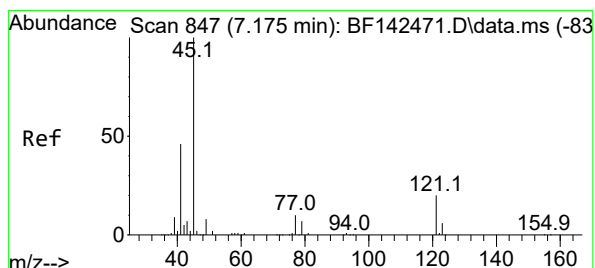
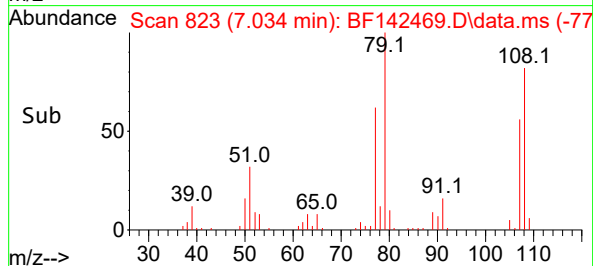
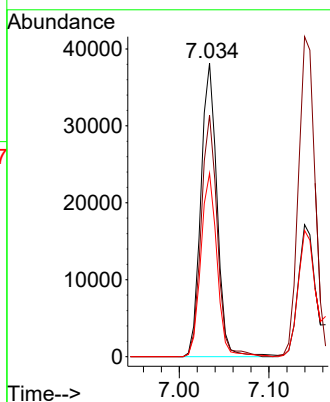
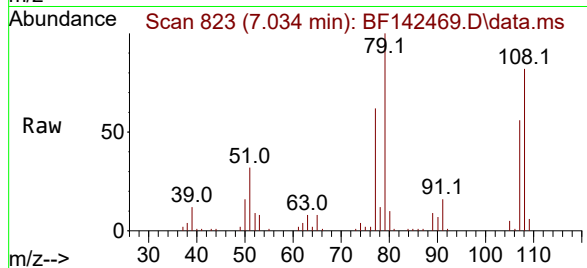
Tgt Ion: 79 Resp: 47712

Ion Ratio Lower Upper

79 100

108 82.2 62.1 93.1

77 62.4 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.175 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

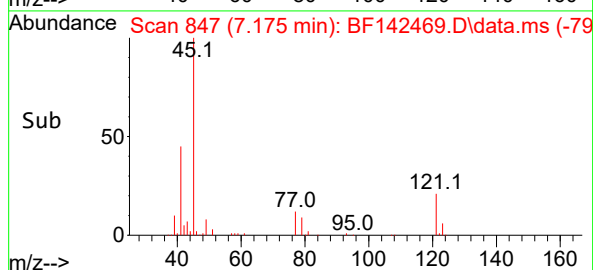
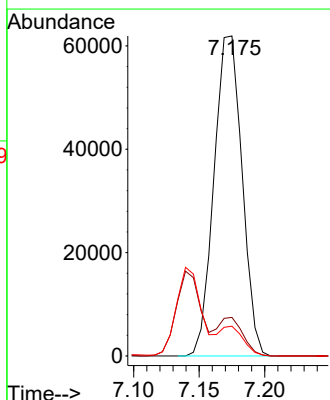
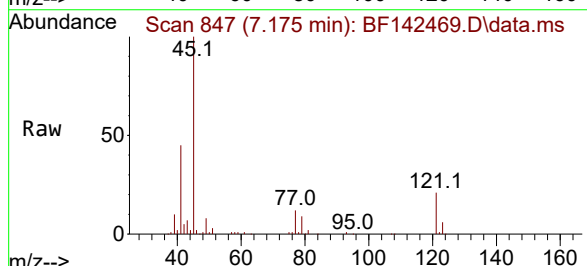
Tgt Ion: 45 Resp: 92128

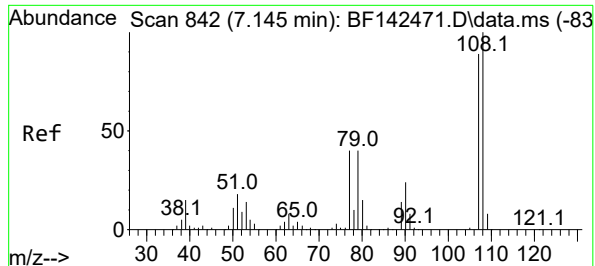
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.0

79 9.3 0.0 29.2

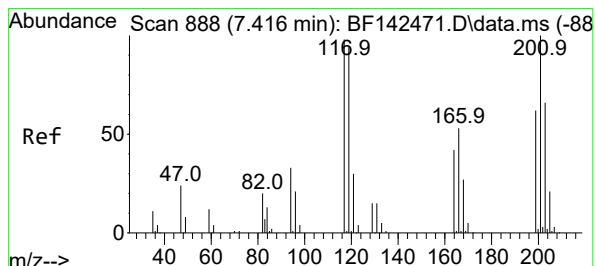
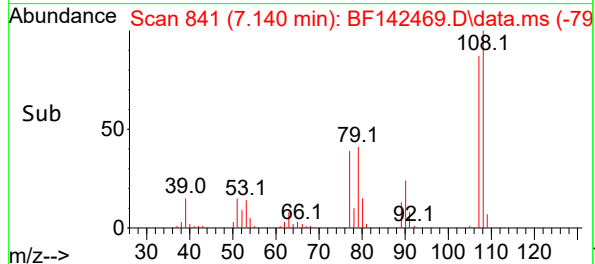
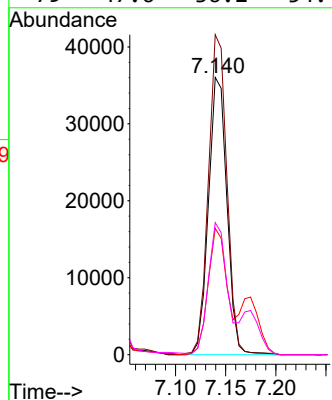
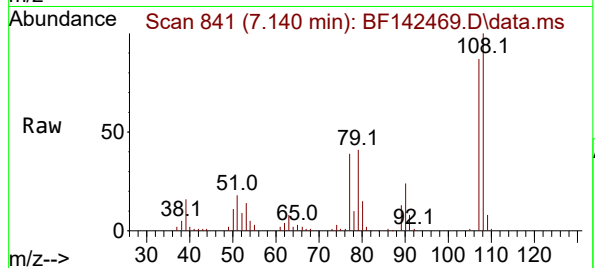




#17
2-Methylphenol
Concen: 9.825 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

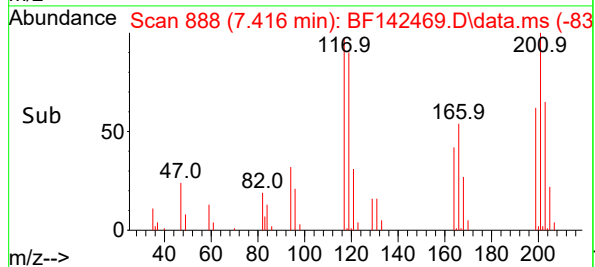
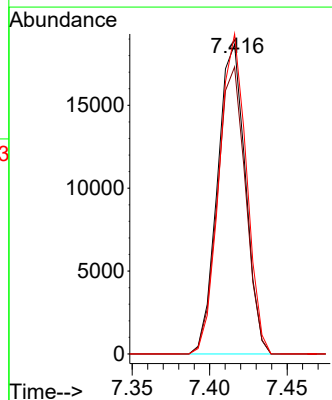
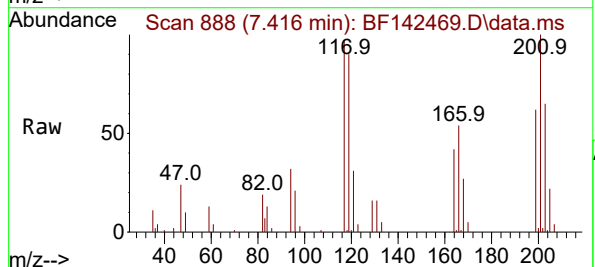
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

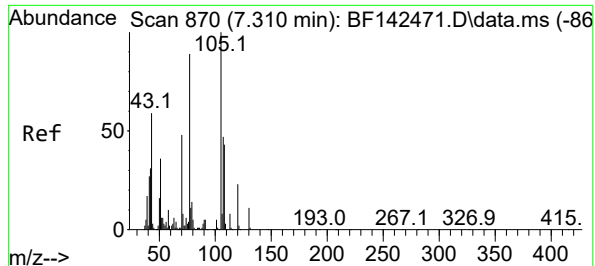
Tgt Ion:107 Resp: 46205
Ion Ratio Lower Upper
107 100
108 115.4 90.2 135.2
77 45.6 36.1 54.1
79 47.6 36.2 54.4



#18
Hexachloroethane
Concen: 9.909 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:117 Resp: 23425
Ion Ratio Lower Upper
117 100
119 92.7 76.6 114.8
201 103.3 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 9.937 ng

RT: 7.298 min Scan# 8

Delta R.T. -0.029 min

Lab File: BF142469.D

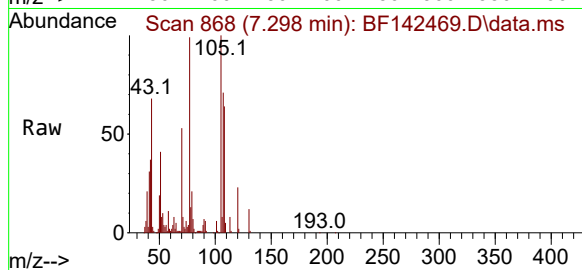
Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 40995

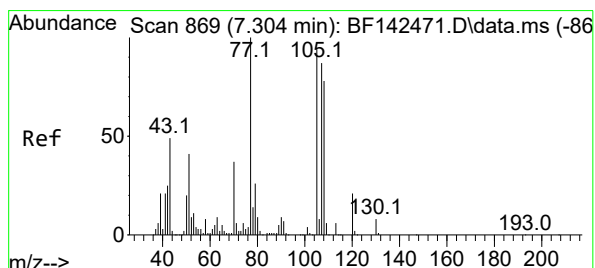
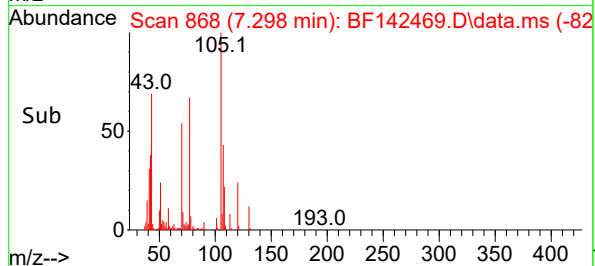
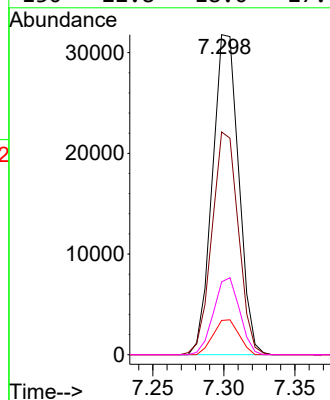
Ion Ratio Lower Upper

70 100

42 69.6 52.4 78.6

101 10.7 7.8 11.8

130 22.8 18.0 27.0



#20

3+4-Methylphenols

Concen: 10.203 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Tgt Ion: 107 Resp: 61444

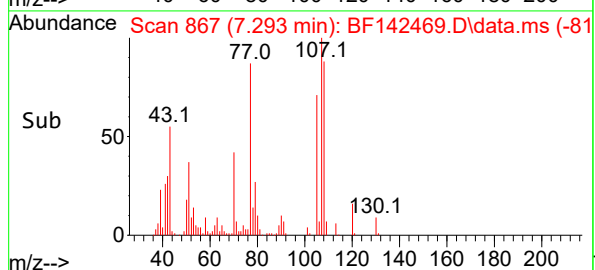
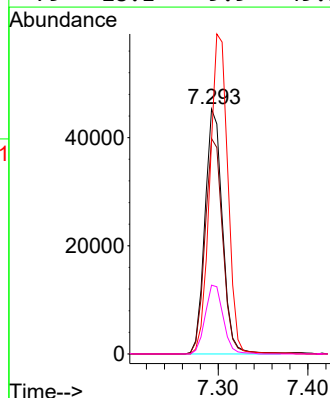
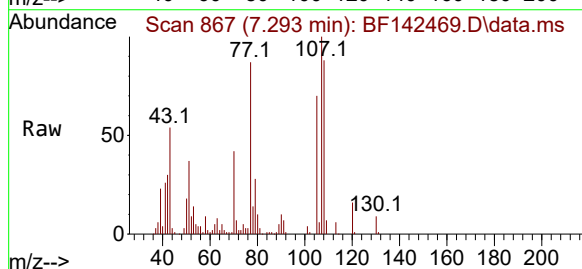
Ion Ratio Lower Upper

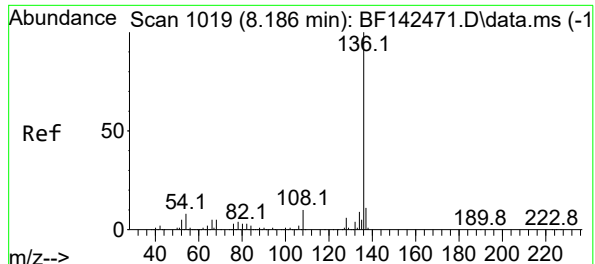
107 100

108 87.9 70.4 110.4

77 87.2 95.4 135.4#

79 28.1 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 365488

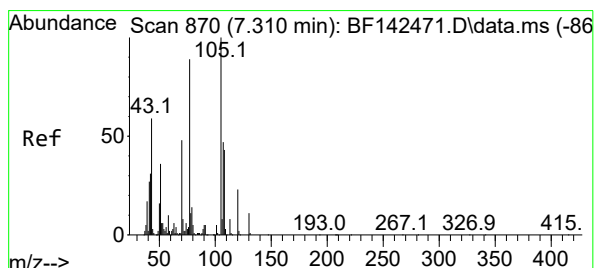
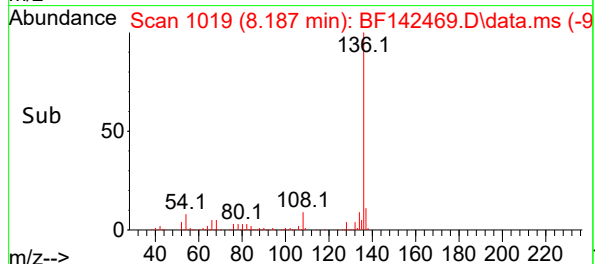
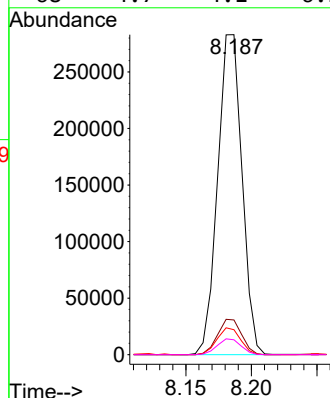
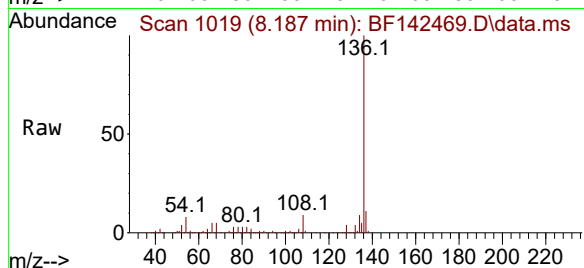
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.8 6.6 10.0

68 4.7 4.1 6.1



#22

Acetophenone

Concen: 10.234 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Tgt Ion:105 Resp: 82804

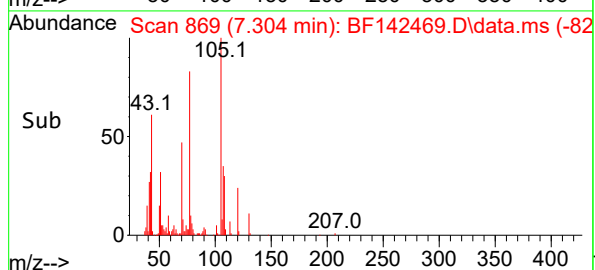
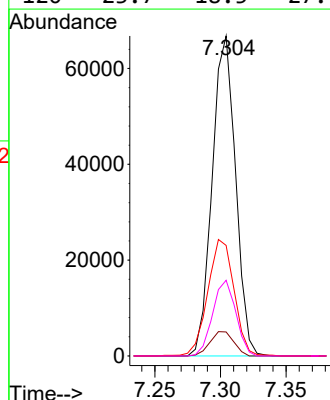
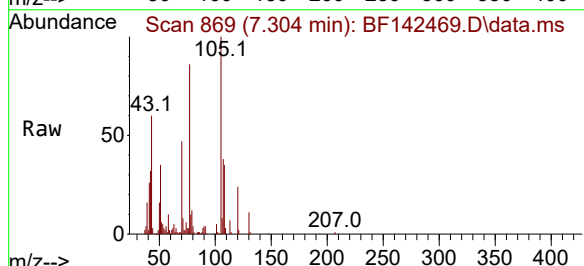
Ion Ratio Lower Upper

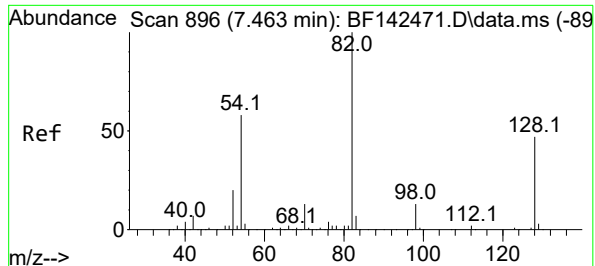
105 100

71 7.5 6.4 9.6

51 34.5 28.6 42.8

120 23.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 19.881 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

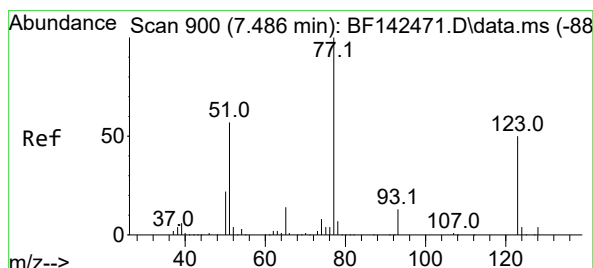
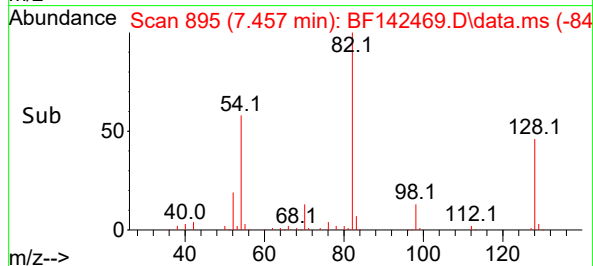
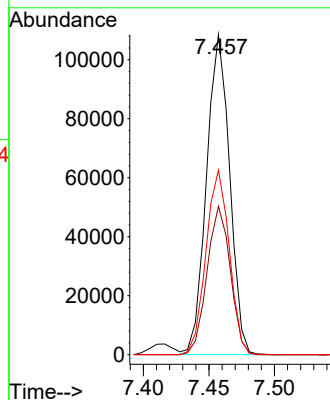
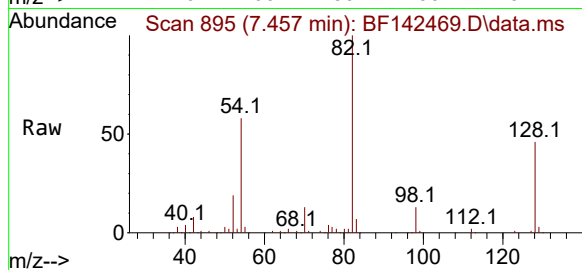
Tgt Ion: 82 Resp: 133256

Ion Ratio Lower Upper

82 100

128 46.4 37.4 56.2

54 57.7 46.6 70.0



#24

Nitrobenzene

Concen: 9.904 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

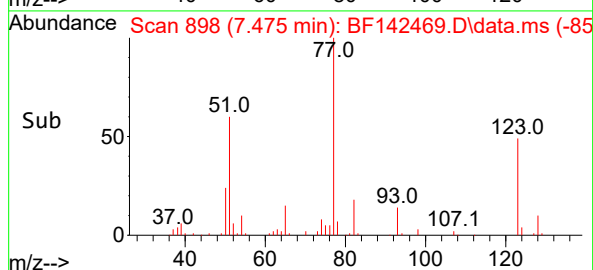
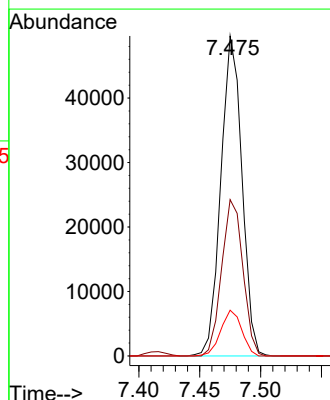
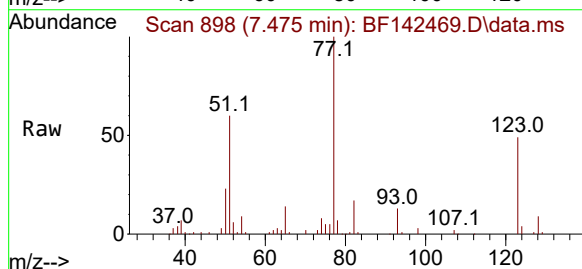
Tgt Ion: 77 Resp: 59873

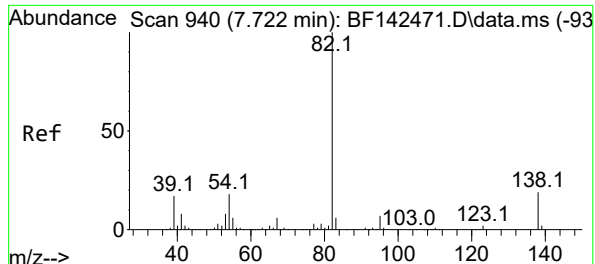
Ion Ratio Lower Upper

77 100

123 48.8 40.6 61.0

65 14.3 11.4 17.2





#25

Isophorone

Concen: 10.027 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

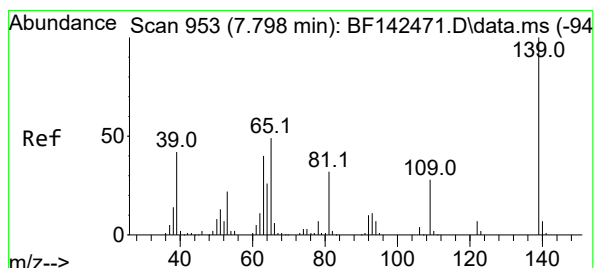
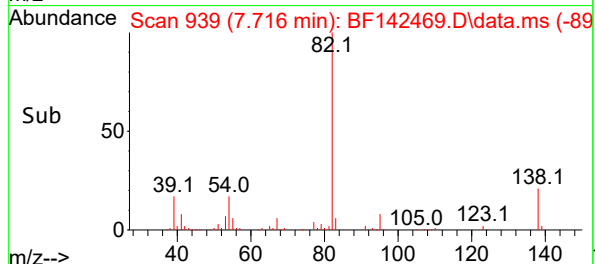
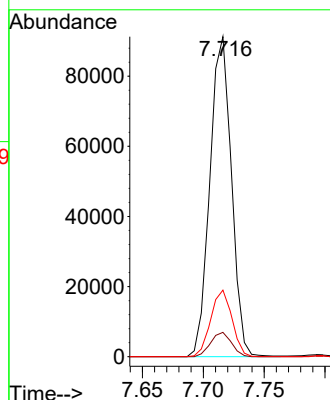
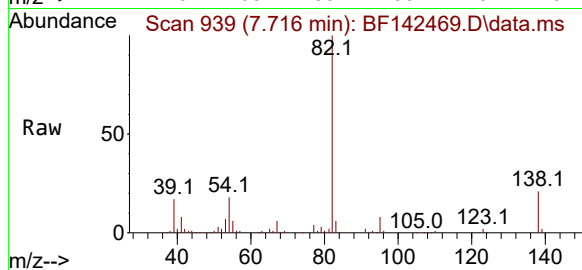
Tgt Ion: 82 Resp: 112365

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 20.8 15.5 23.3



#26

2-Nitrophenol

Concen: 9.623 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

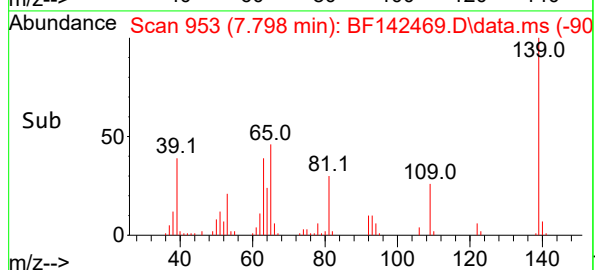
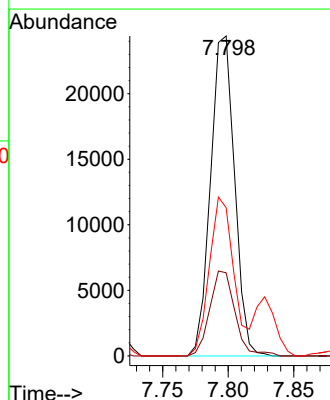
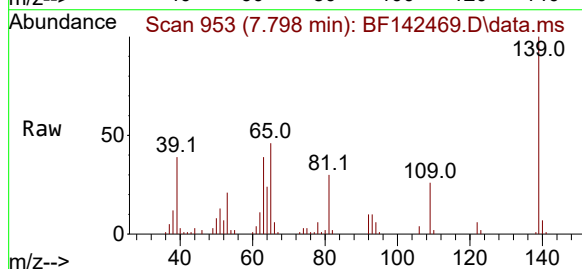
Tgt Ion:139 Resp: 31085

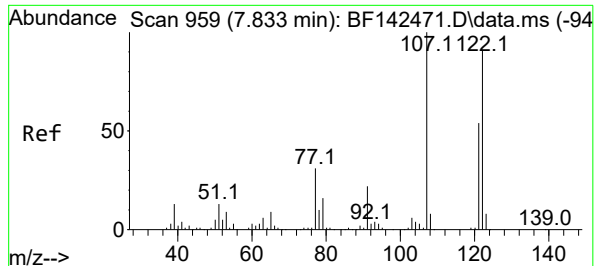
Ion Ratio Lower Upper

139 100

109 26.0 22.6 33.8

65 46.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 10.102 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

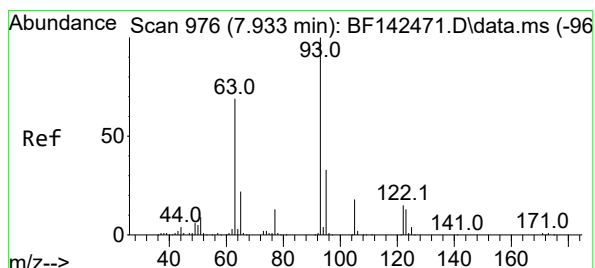
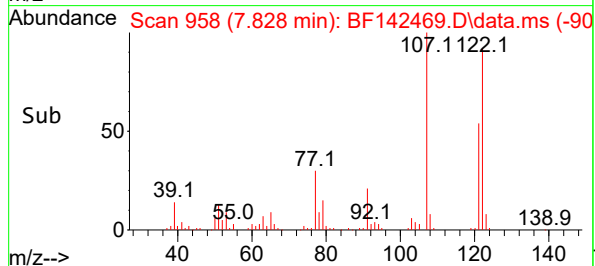
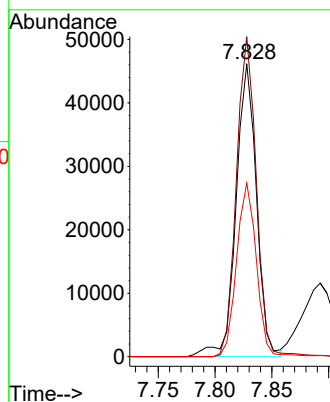
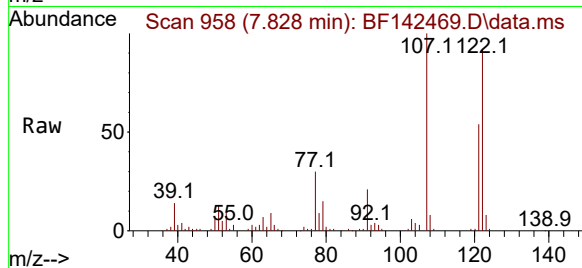
Tgt Ion:122 Resp: 57543

Ion Ratio Lower Upper

122 100

107 109.2 88.1 132.1

121 59.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 10.277 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

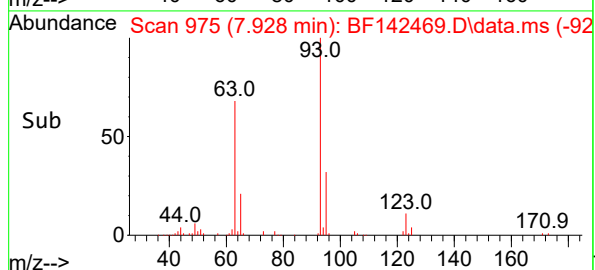
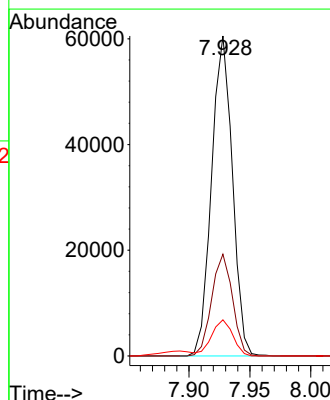
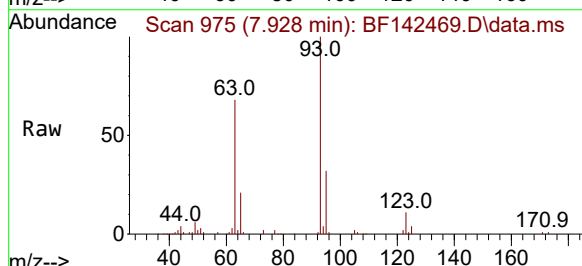
Tgt Ion: 93 Resp: 71943

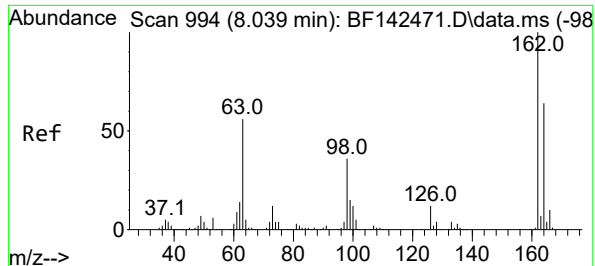
Ion Ratio Lower Upper

93 100

95 31.8 26.4 39.6

123 11.3 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 9.941 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

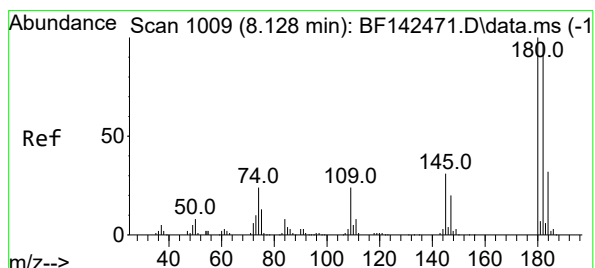
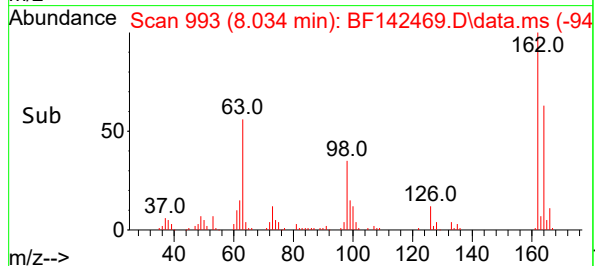
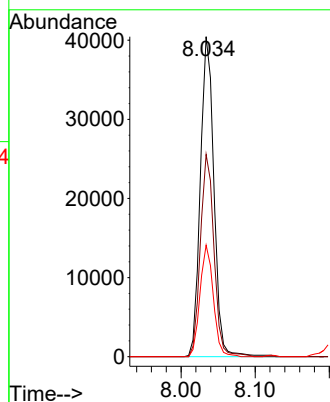
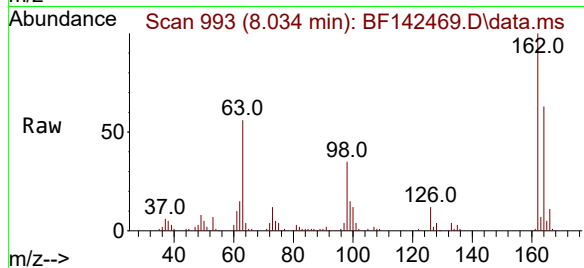
Tgt Ion:162 Resp: 51500

Ion Ratio Lower Upper

162 100

164 63.2 43.7 83.7

98 34.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 10.179 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

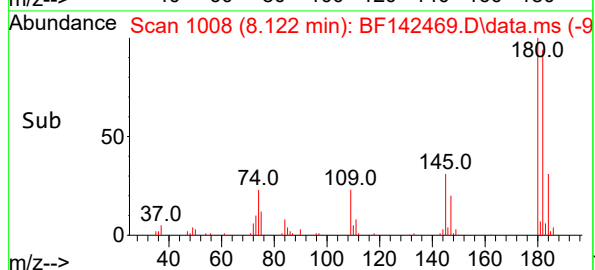
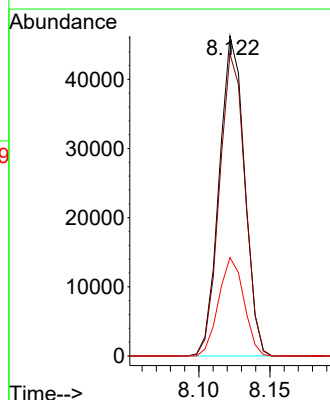
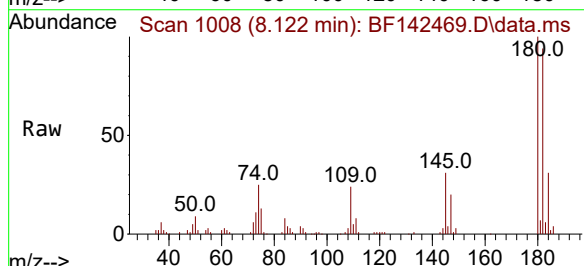
Tgt Ion:180 Resp: 57228

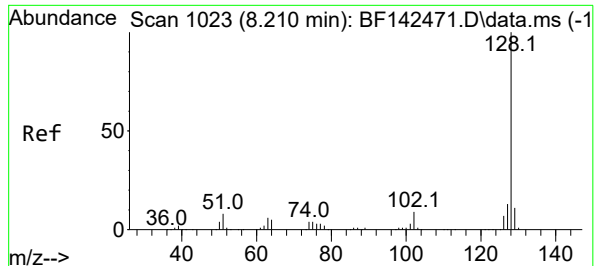
Ion Ratio Lower Upper

180 100

182 94.4 78.0 117.0

145 30.8 25.0 37.6





#31

Naphthalene

Concen: 10.364 ng

RT: 8.204 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

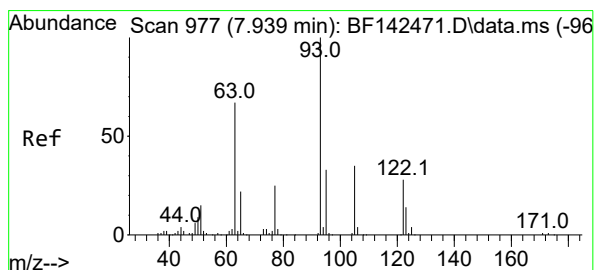
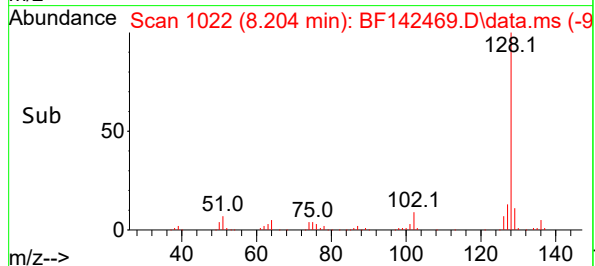
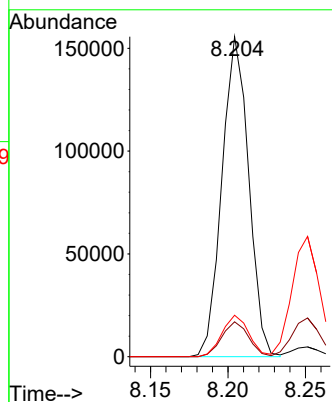
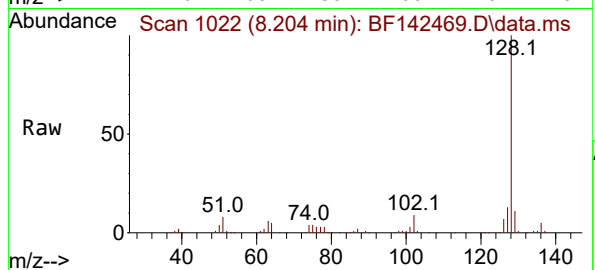
Tgt Ion:128 Resp: 186515

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.0 10.5 15.7



#32

Benzoic acid

Concen: 8.062 ng m

RT: 7.893 min Scan# 969

Delta R.T. -0.082 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

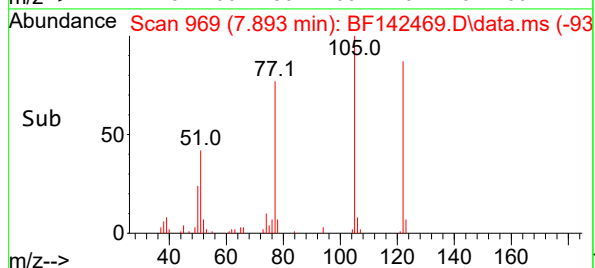
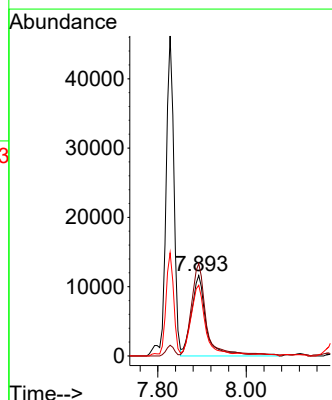
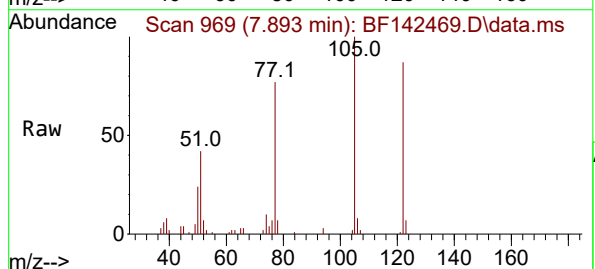
Tgt Ion:122 Resp: 27956

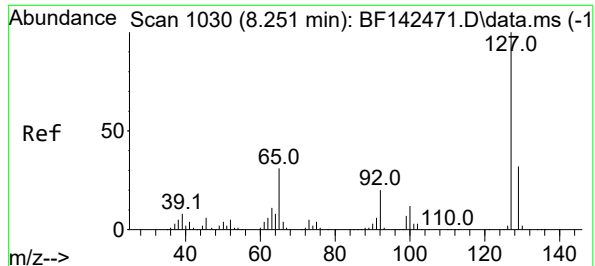
Ion Ratio Lower Upper

122 100

105 114.9 101.7 141.7

77 87.9 69.5 109.5





#33

4-Chloroaniline

Concen: 10.258 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 74805

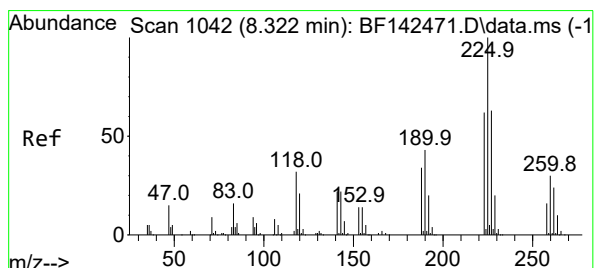
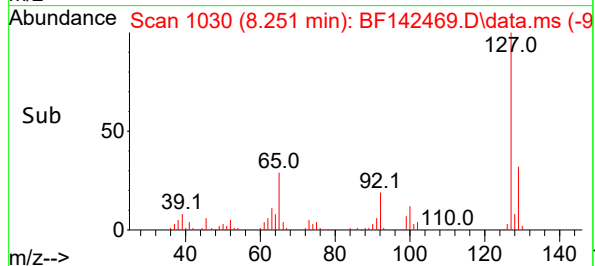
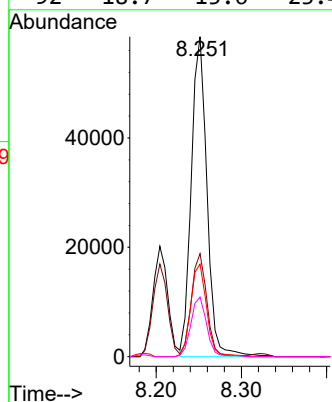
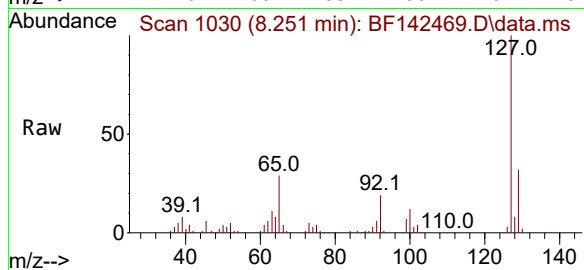
Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 29.0 24.9 37.3

92 18.7 15.6 23.4



#34

Hexachlorobutadiene

Concen: 10.016 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

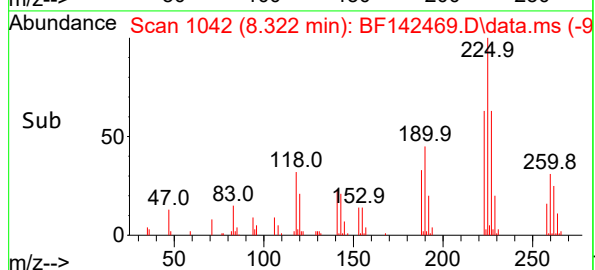
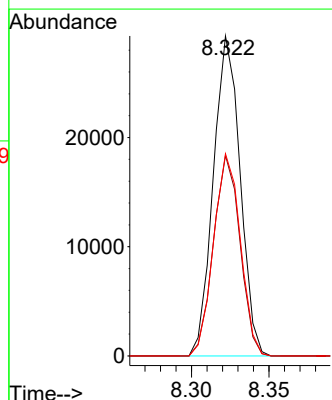
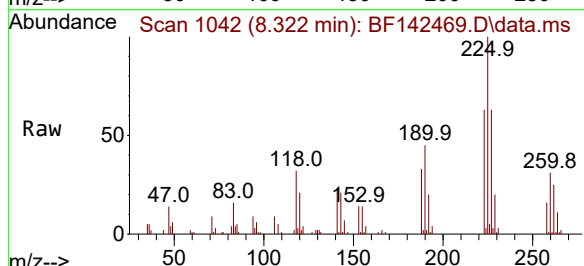
Tgt Ion:225 Resp: 35161

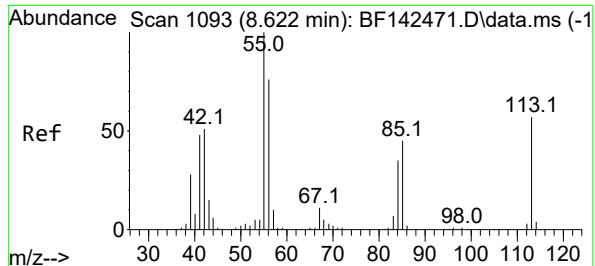
Ion Ratio Lower Upper

225 100

223 62.7 49.7 74.5

227 63.2 50.3 75.5





#35

Caprolactam

Concen: 9.527 ng

RT: 8.587 min Scan# 110

Delta R.T. -0.059 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

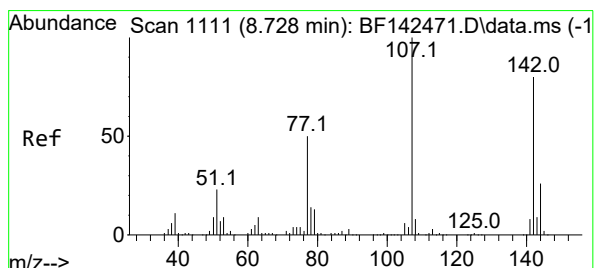
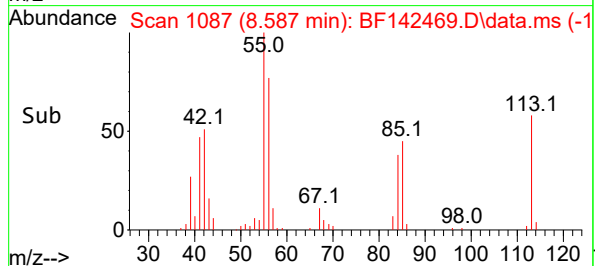
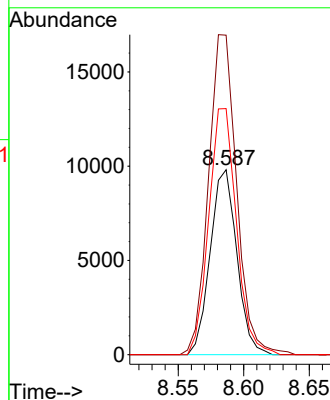
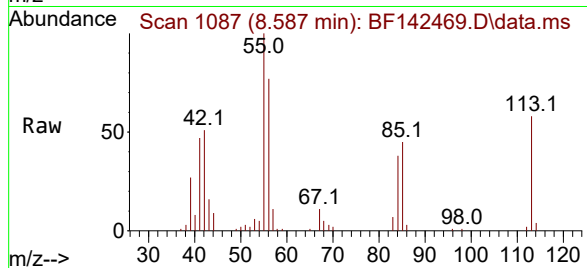
Tgt Ion:113 Resp: 13862

Ion Ratio Lower Upper

113 100

55 172.8 154.7 194.7

56 133.0 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 9.968 ng

RT: 8.722 min Scan# 1110

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

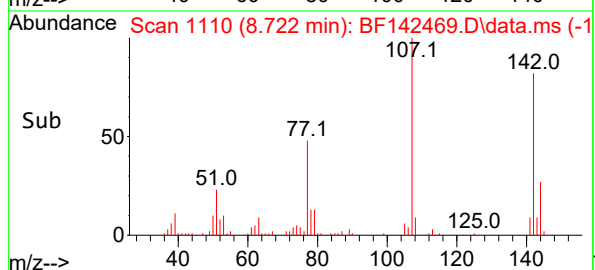
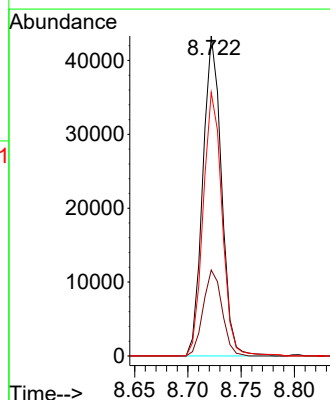
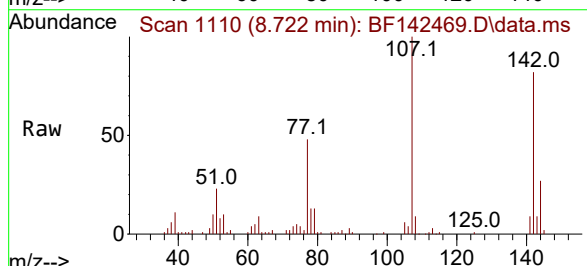
Tgt Ion:107 Resp: 52919

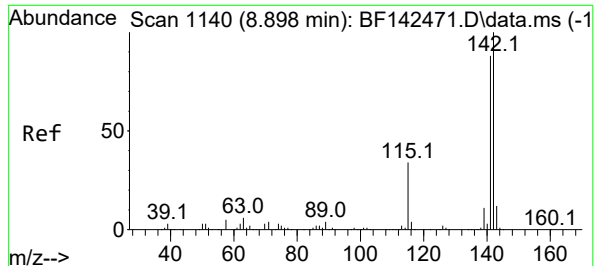
Ion Ratio Lower Upper

107 100

144 26.9 20.9 31.3

142 82.4 64.2 96.2

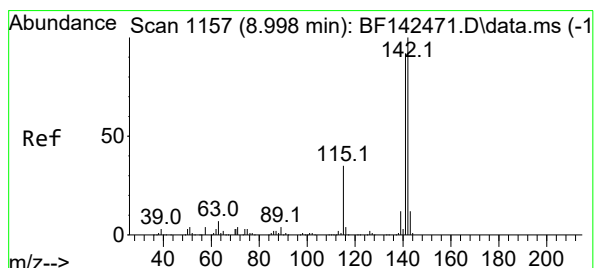
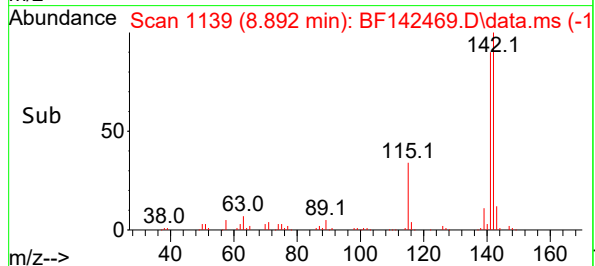
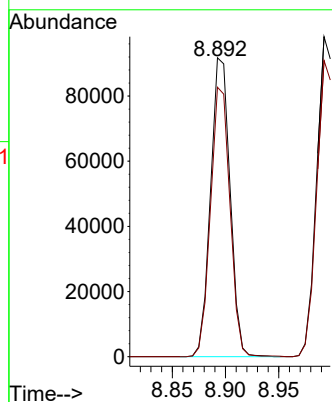
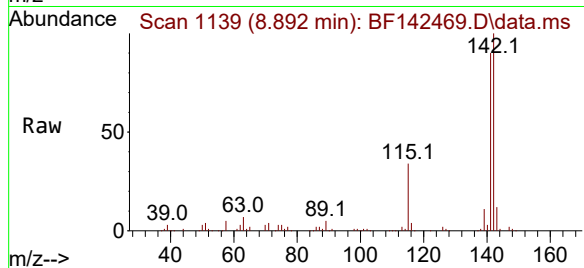




#37
2-Methylnaphthalene
Concen: 10.298 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

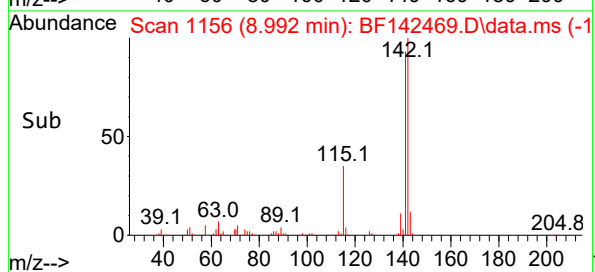
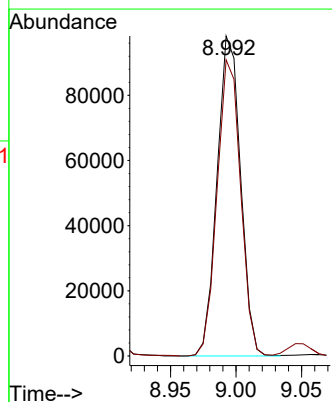
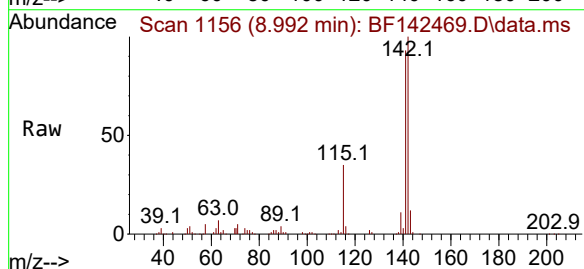
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

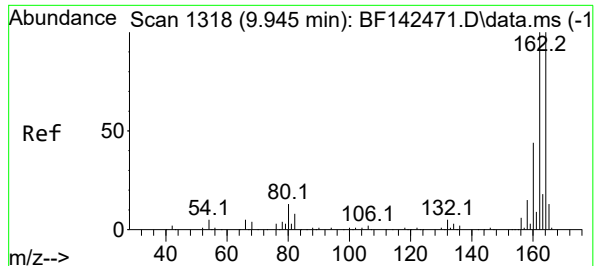
Tgt Ion:142 Resp: 116592
Ion Ratio Lower Upper
142 100
141 90.2 70.7 106.1



#38
1-Methylnaphthalene
Concen: 10.429 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:142 Resp: 122130
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142469.D

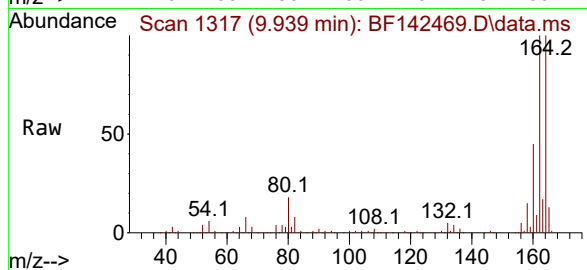
Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



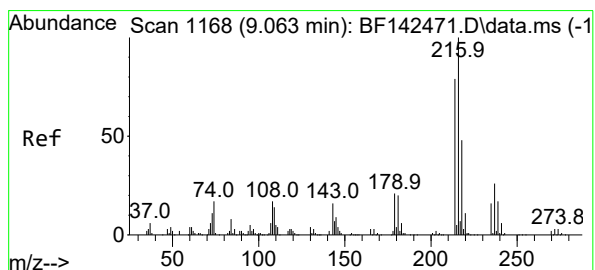
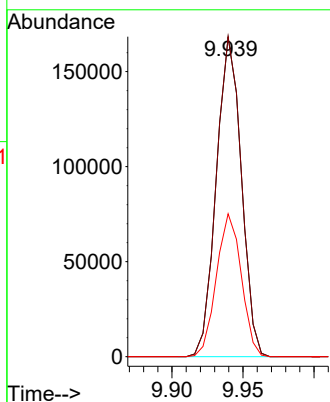
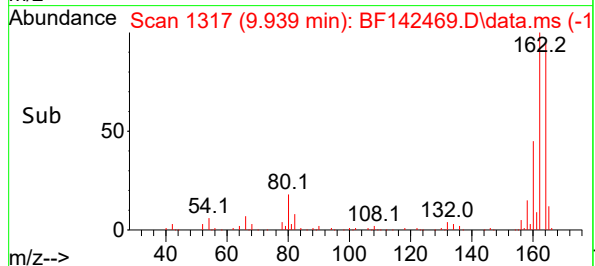
Tgt Ion:164 Resp: 205654

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.4

160 44.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

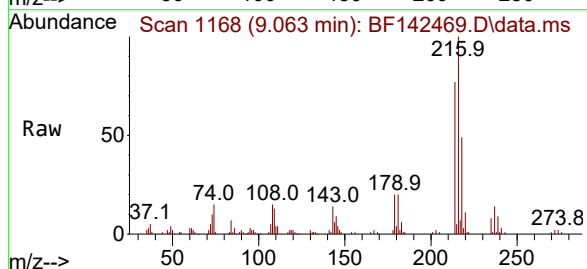
Concen: 10.097 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07



Tgt Ion:216 Resp: 59609

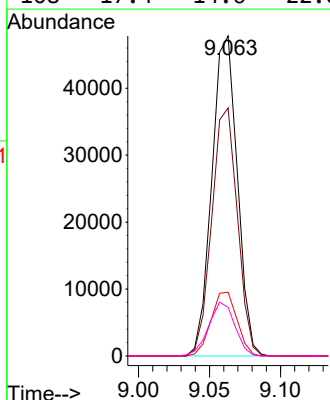
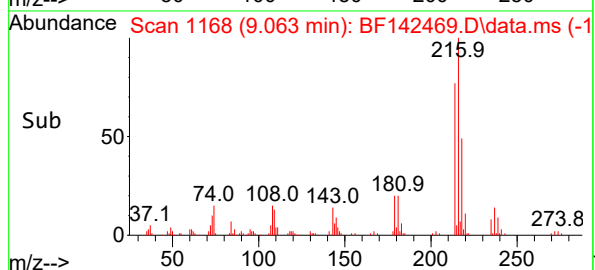
Ion Ratio Lower Upper

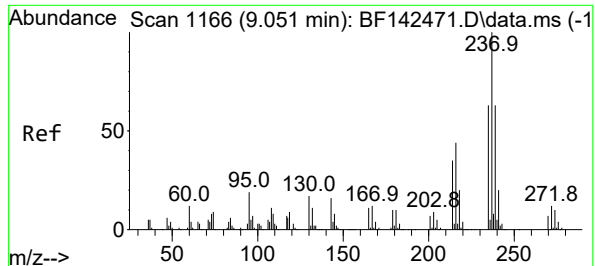
216 100

214 77.8 62.9 94.3

179 20.4 16.9 25.3

108 17.4 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 9.044 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

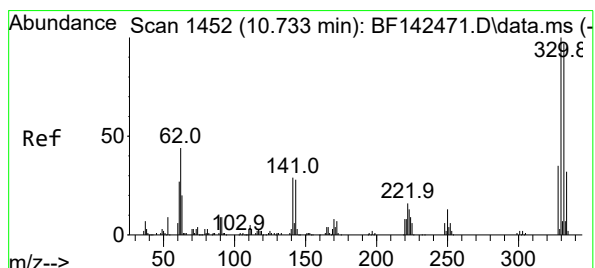
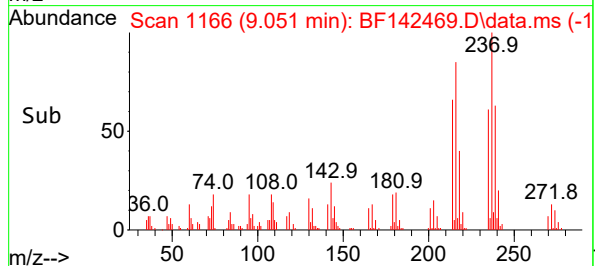
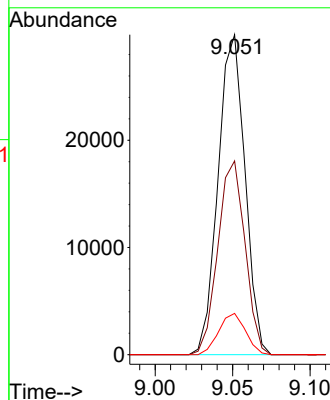
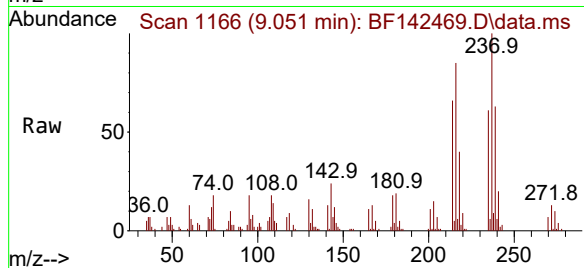
Tgt Ion:237 Resp: 36016

Ion Ratio Lower Upper

237 100

235 60.5 43.3 83.3

272 12.9 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 20.276 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

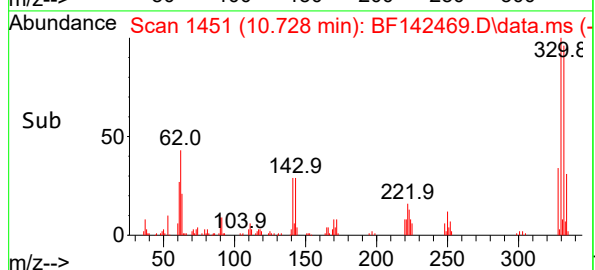
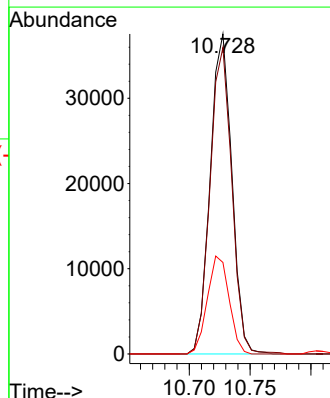
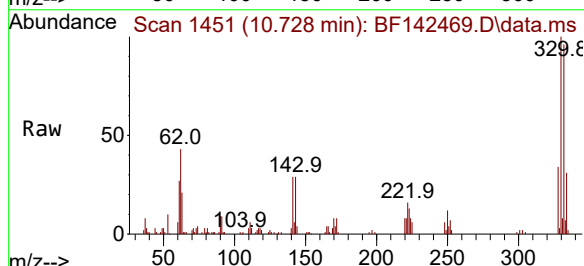
Tgt Ion:330 Resp: 46280

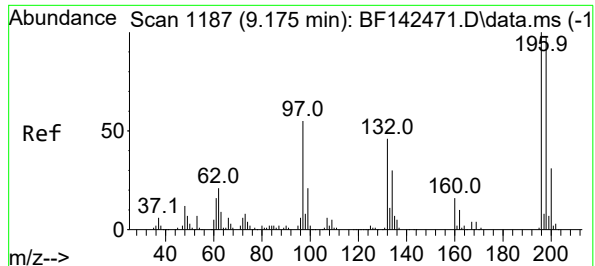
Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 30.8 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 9.635 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142469.D

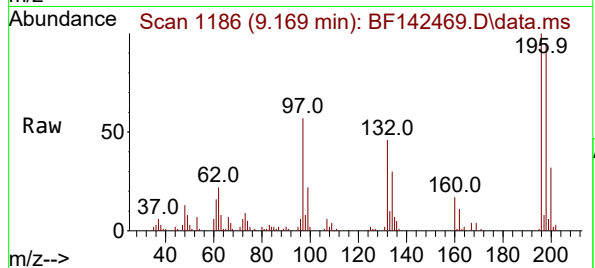
Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



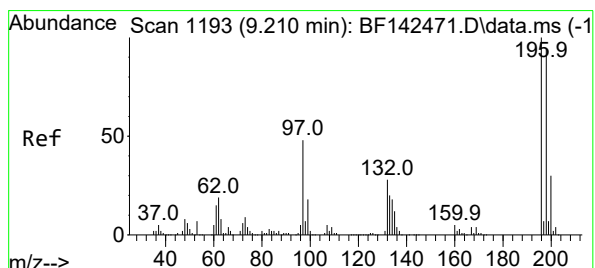
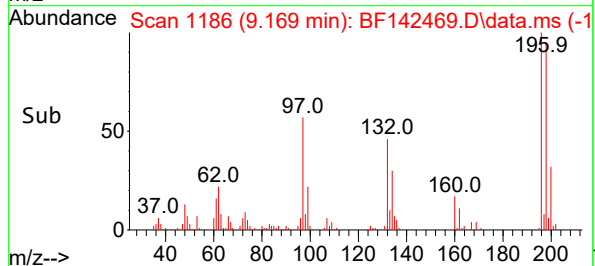
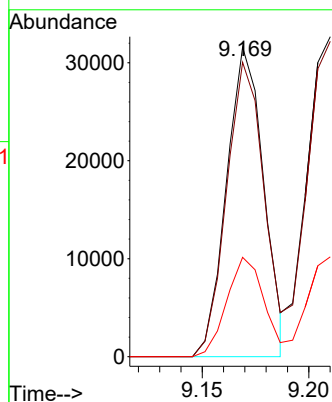
Tgt Ion:196 Resp: 38354

Ion Ratio Lower Upper

196 100

198 95.1 78.8 118.2

200 32.1 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 10.069 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Tgt Ion:196 Resp: 42272

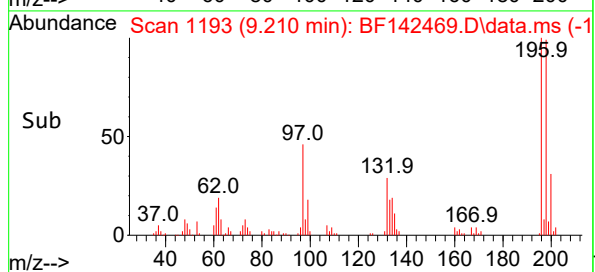
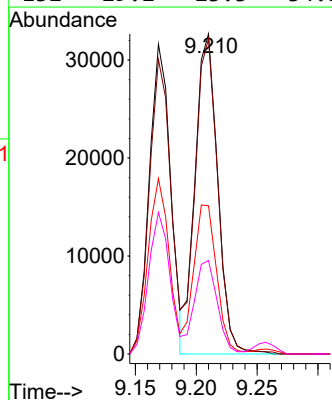
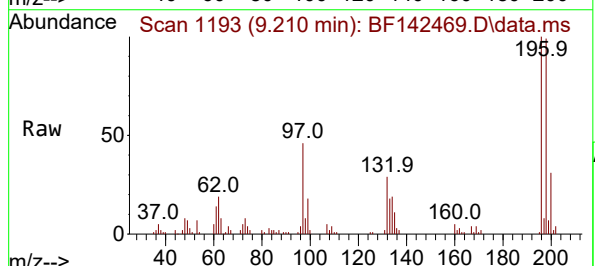
Ion Ratio Lower Upper

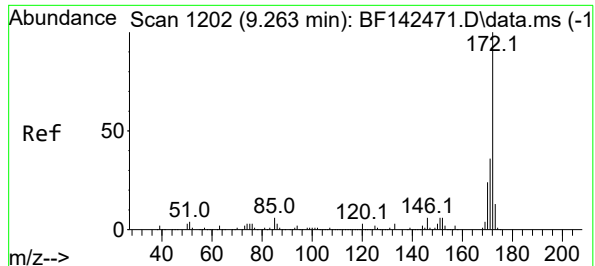
196 100

198 98.5 75.5 113.3

97 46.3 39.3 58.9

132 29.2 23.3 34.9

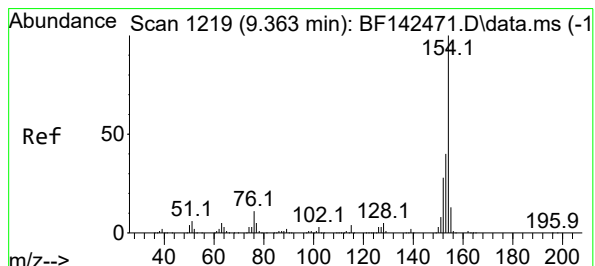
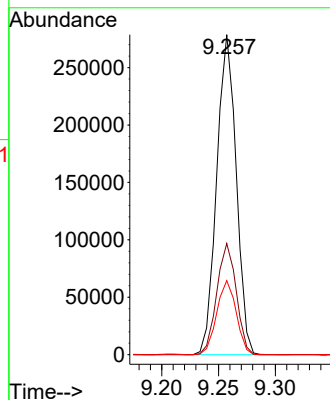
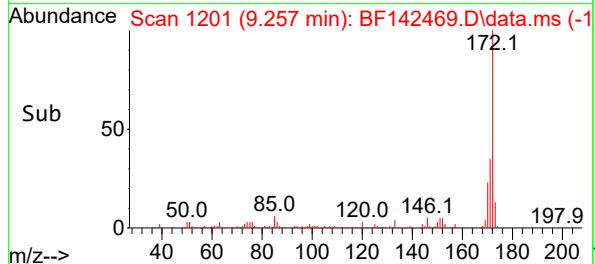
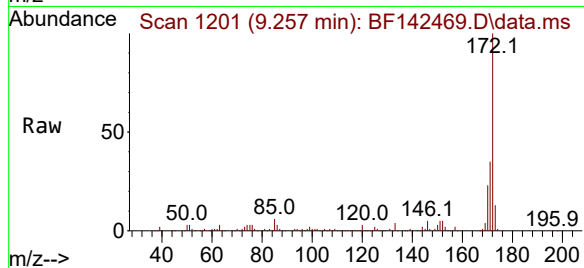




#45
2-Fluorobiphenyl
Concen: 21.719 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

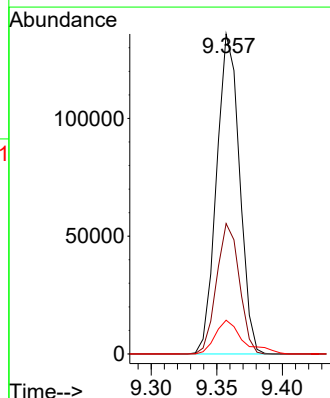
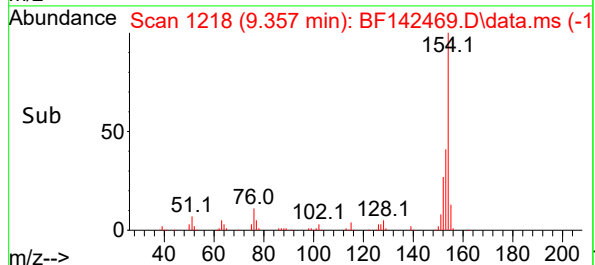
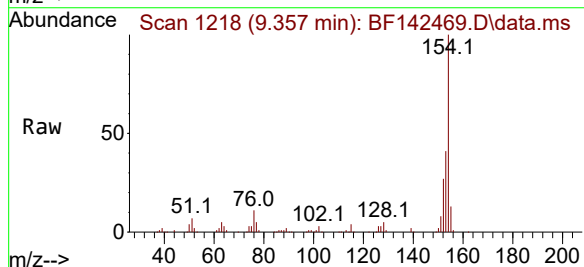
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

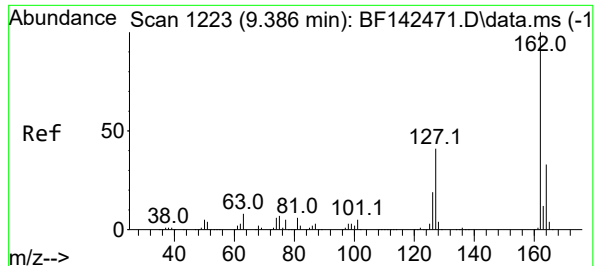
Tgt Ion:172 Resp: 332871
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 10.346 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:154 Resp: 165063
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 10.208 ng

RT: 9.387 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142469.D

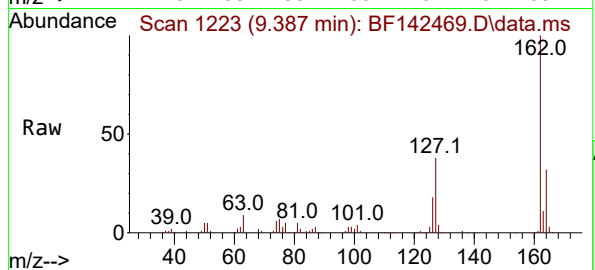
Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



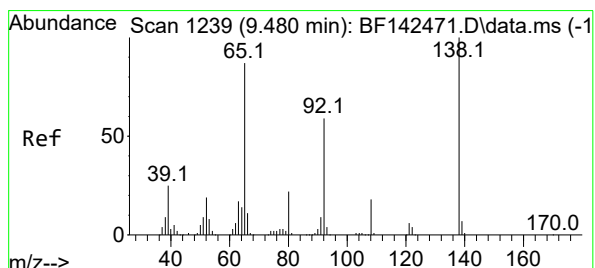
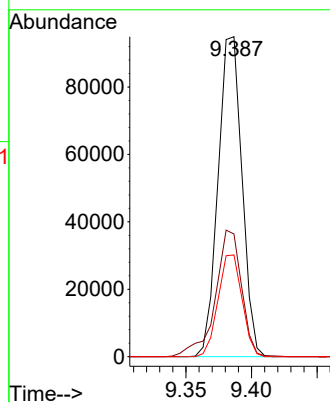
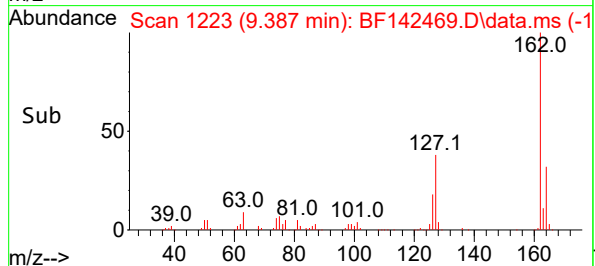
Tgt Ion:162 Resp: 120339

Ion Ratio Lower Upper

162 100

127 38.3 33.5 50.3

164 31.8 26.1 39.1



#48

2-Nitroaniline

Concen: 9.604 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

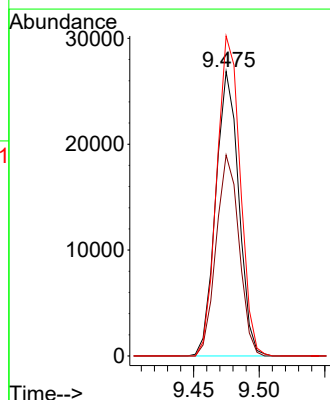
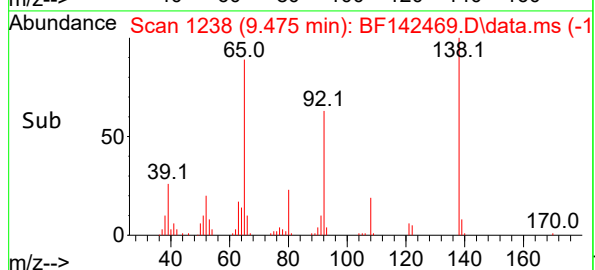
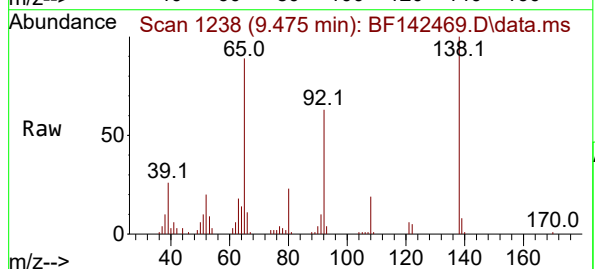
Tgt Ion: 65 Resp: 32722

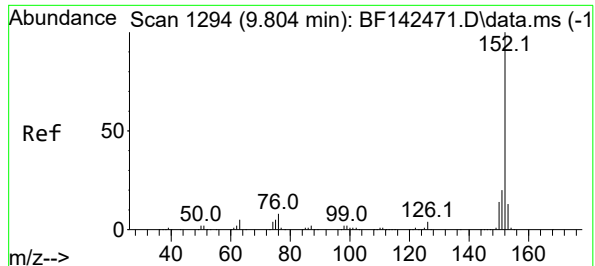
Ion Ratio Lower Upper

65 100

92 70.6 54.4 81.6

138 112.5 91.4 137.2





#49

Acenaphthylene

Concen: 10.237 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

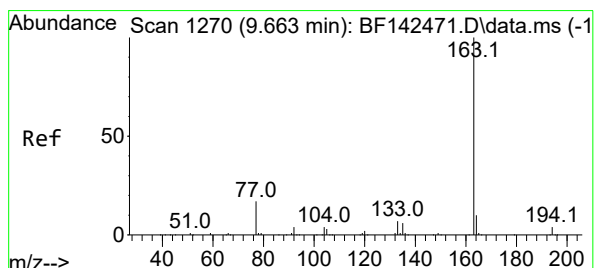
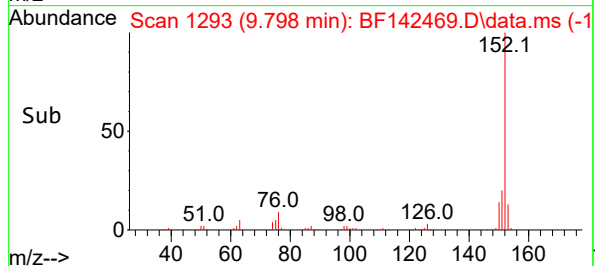
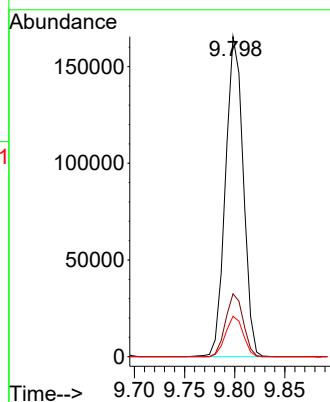
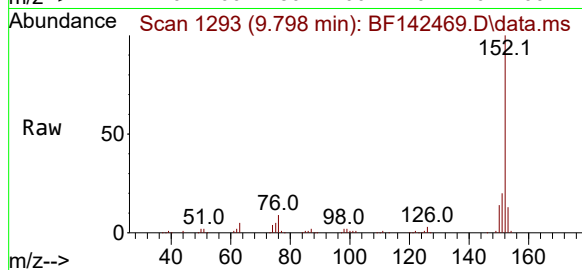
Tgt Ion:152 Resp: 203767

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 12.6 10.6 15.8



#50

Dimethylphthalate

Concen: 10.155 ng

RT: 9.651 min Scan# 1268

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

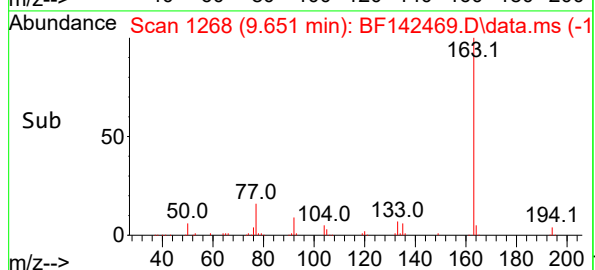
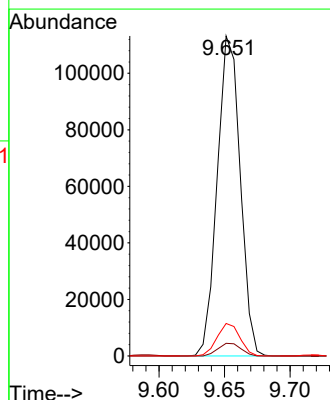
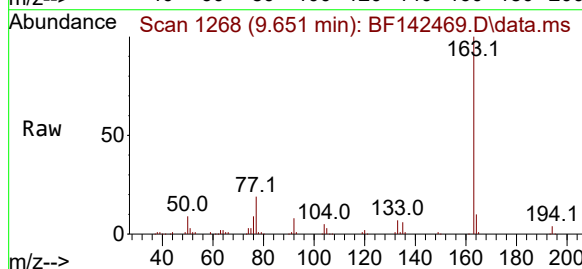
Tgt Ion:163 Resp: 137804

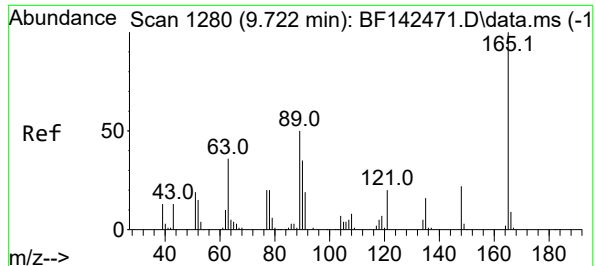
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 8.2 12.4

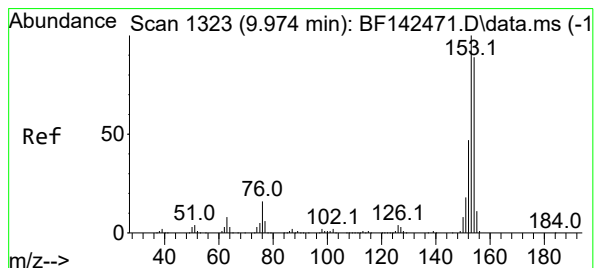
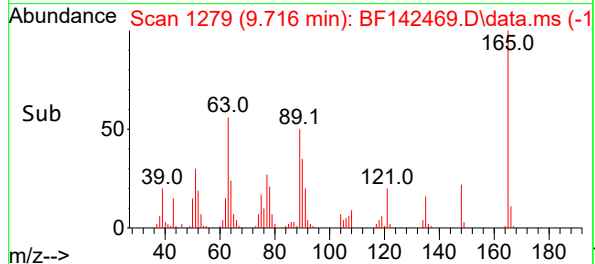
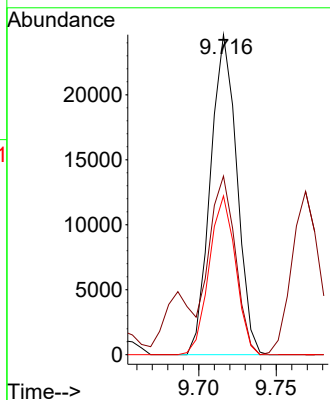
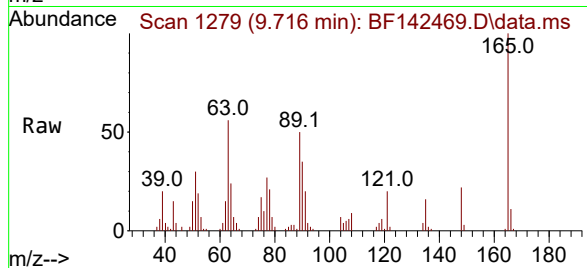




#51
2,6-Dinitrotoluene
Concen: 9.940 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

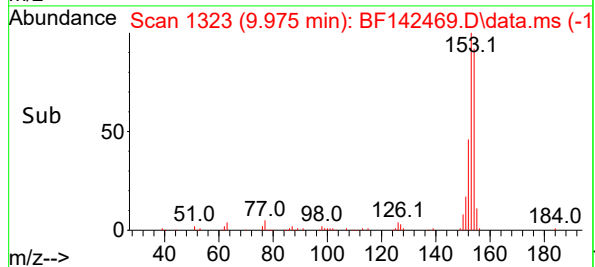
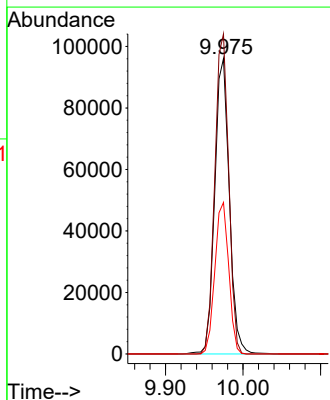
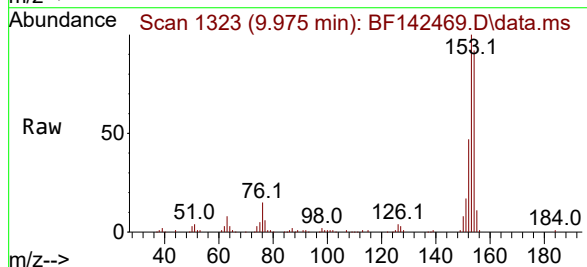
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

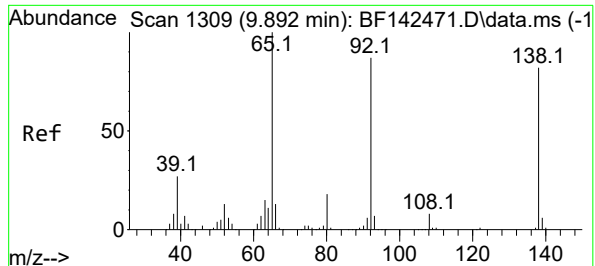
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.9	64.3
89	49.6	40.2	60.4



#52
Acenaphthene
Concen: 10.339 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.4	90.0	135.0
152	51.3	42.6	64.0

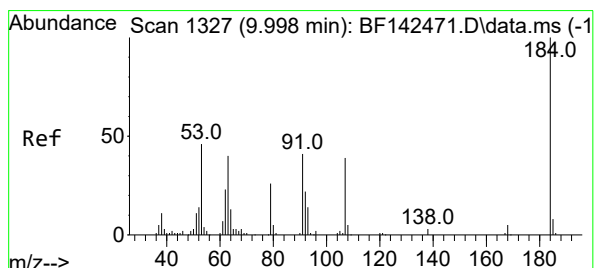
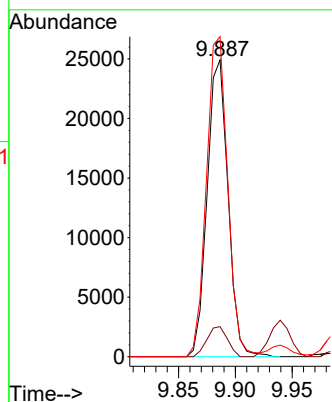
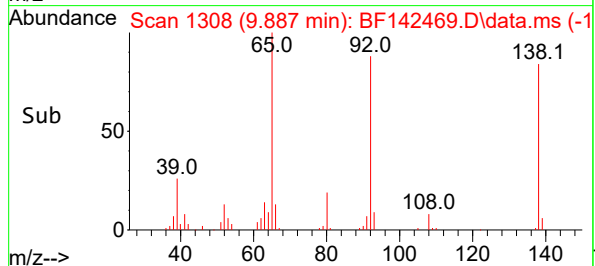
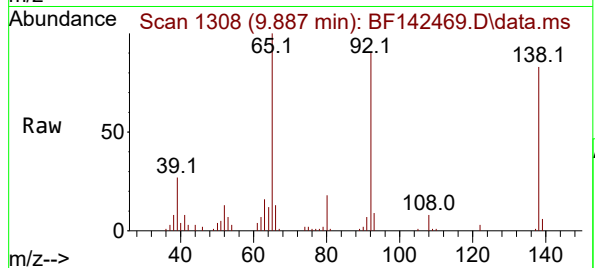




#53
3-Nitroaniline
Concen: 9.947 ng
RT: 9.887 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

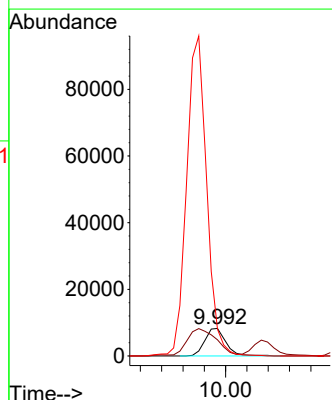
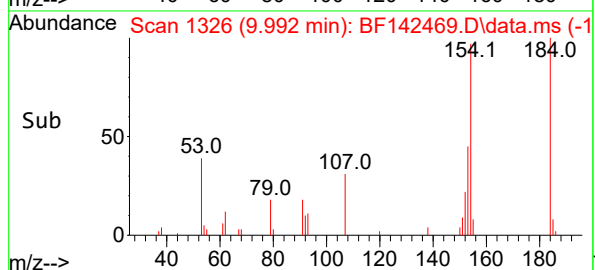
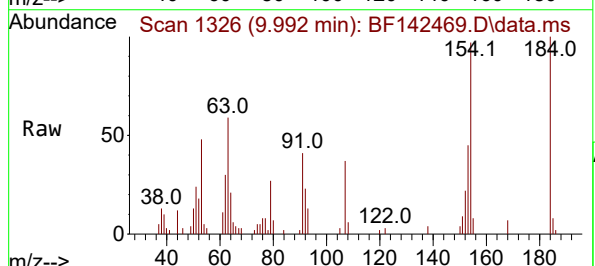
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

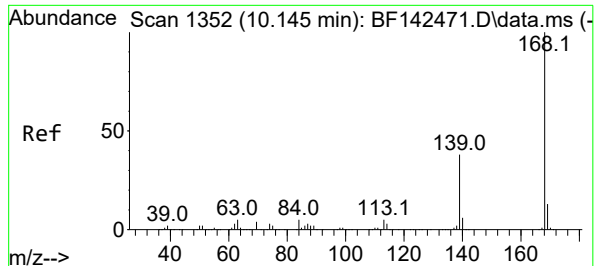
Tgt Ion:138 Resp: 31820
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 107.8 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 7.502 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:184 Resp: 11352
Ion Ratio Lower Upper
184 100
63 58.7 46.3 69.5
154 97.5 56.8 85.2#





#55

Dibenzofuran

Concen: 10.380 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

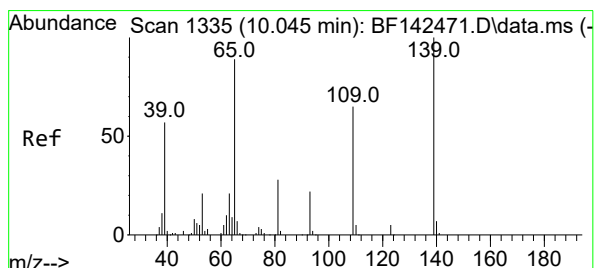
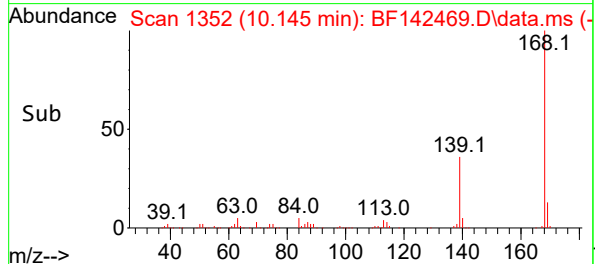
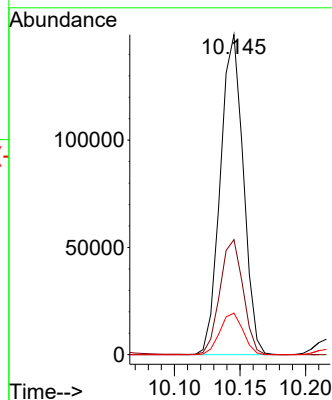
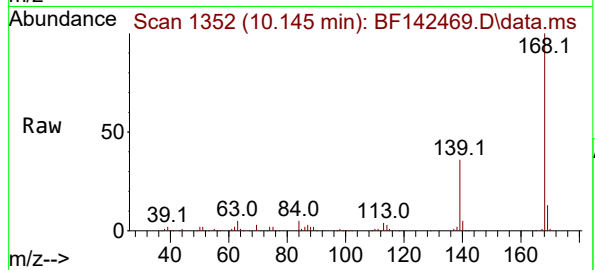
Tgt Ion:168 Resp: 181558

Ion Ratio Lower Upper

168 100

139 36.0 30.2 45.2

169 13.0 10.7 16.1



#56

4-Nitrophenol

Concen: 9.456 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.017 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

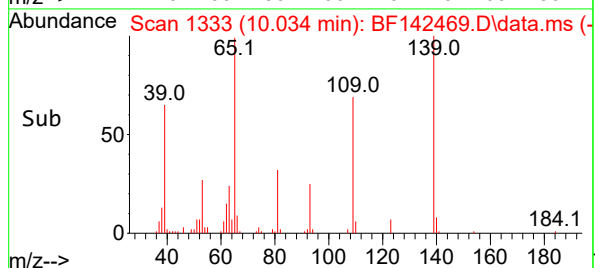
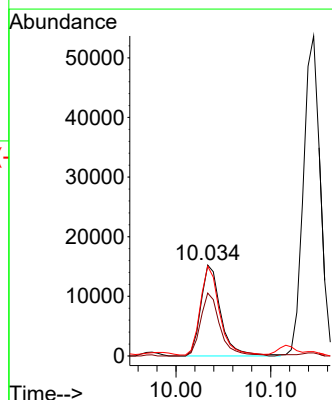
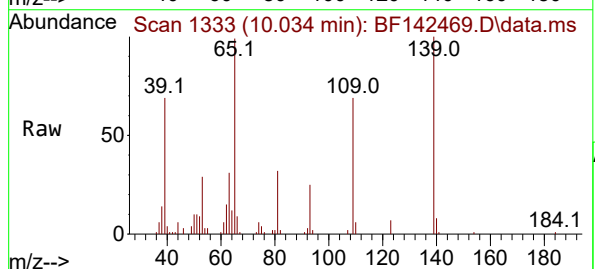
Tgt Ion:139 Resp: 22320

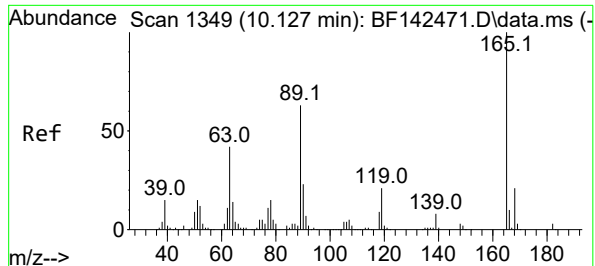
Ion Ratio Lower Upper

139 100

109 69.1 45.1 85.1

65 98.8 69.7 109.7

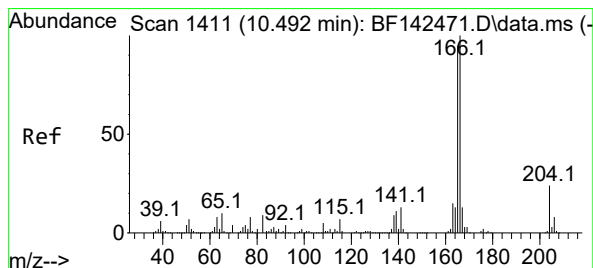
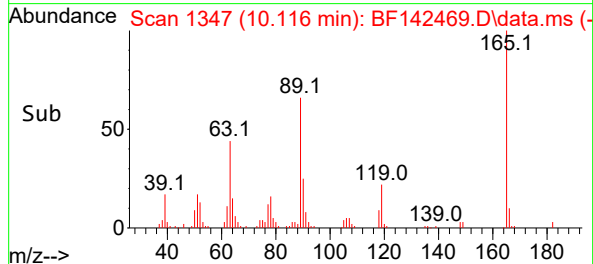
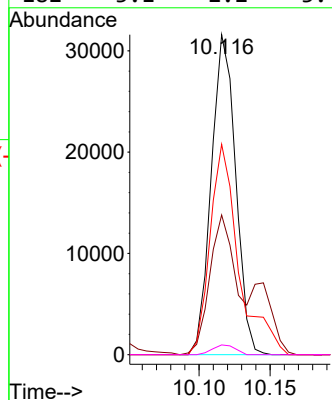
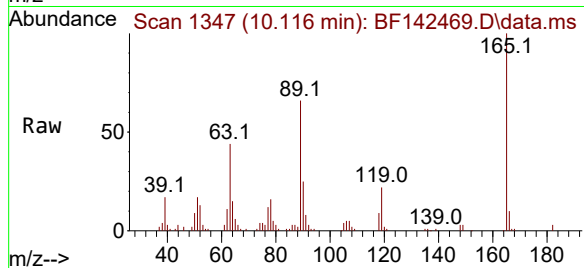




#57
2,4-Dinitrotoluene
Concen: 9.869 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

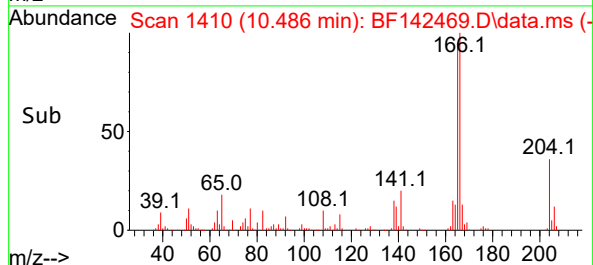
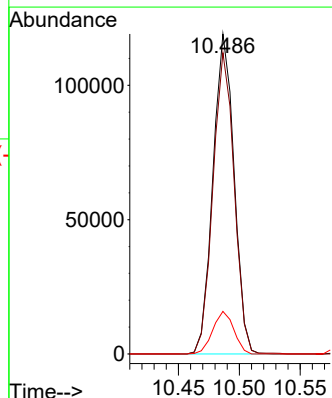
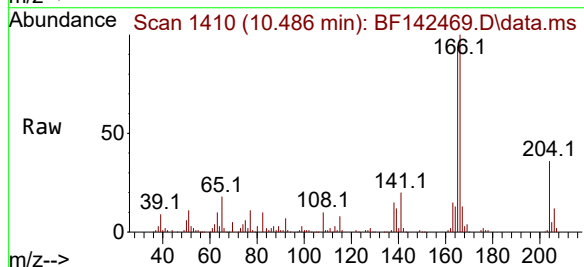
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

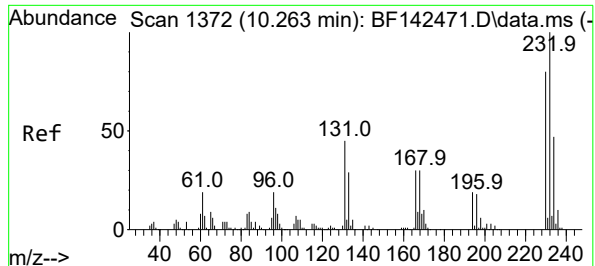
Tgt Ion:165 Resp: 37749
Ion Ratio Lower Upper
165 100
63 43.7 33.6 50.4
89 65.7 50.2 75.4
182 3.1 2.2 3.4



#58
Fluorene
Concen: 10.648 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:166 Resp: 143883
Ion Ratio Lower Upper
166 100
165 94.2 75.8 113.8
167 13.3 10.6 16.0

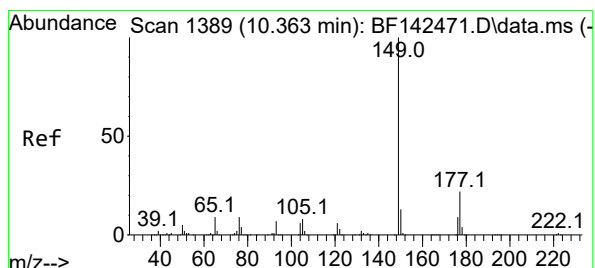
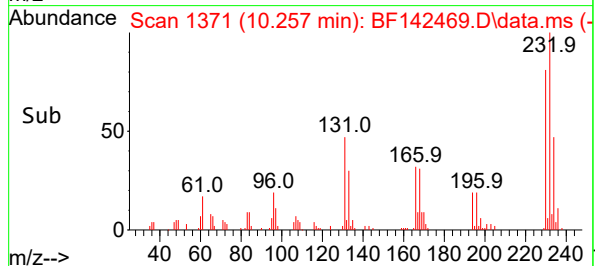
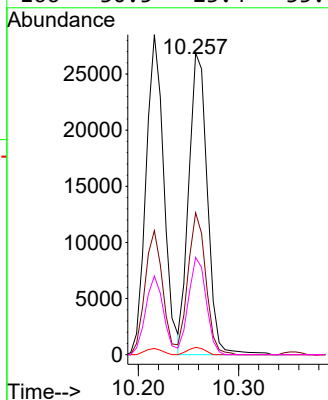
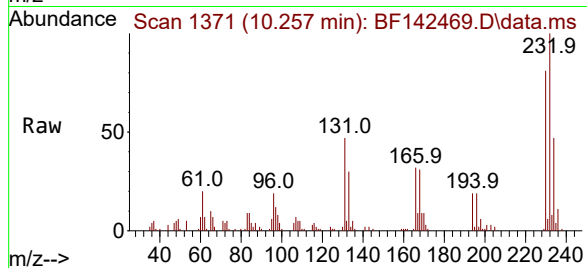




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.857 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

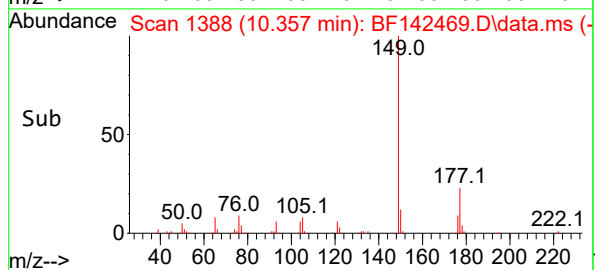
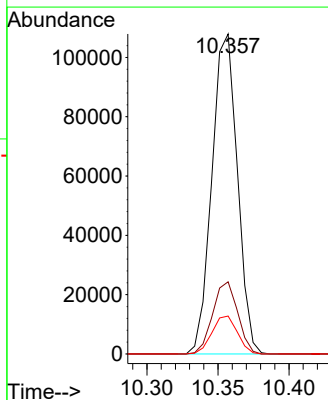
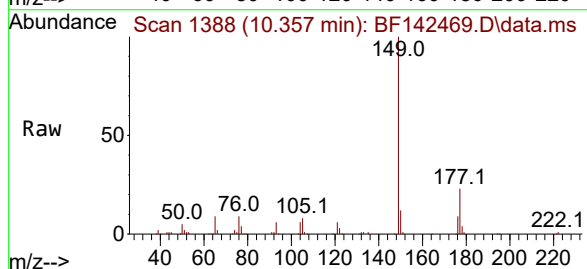
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

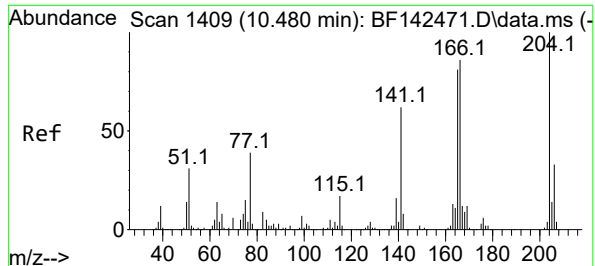
Tgt Ion:232 Resp: 34548
Ion Ratio Lower Upper
232 100
131 44.5 35.2 52.8
130 2.2 1.7 2.5
166 30.5 23.4 35.0



#60
Diethylphthalate
Concen: 10.161 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 134662
Ion Ratio Lower Upper
149 100
177 22.5 17.6 26.4
150 11.8 10.1 15.1

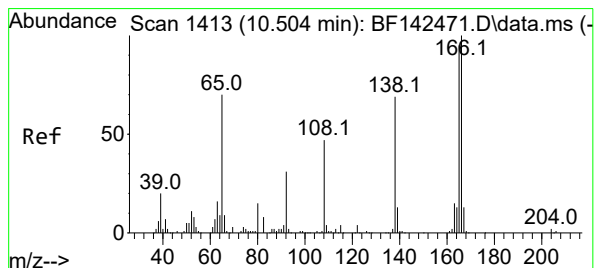
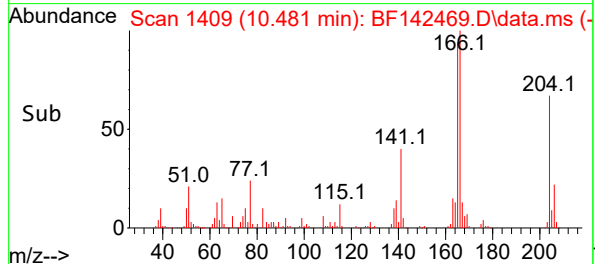
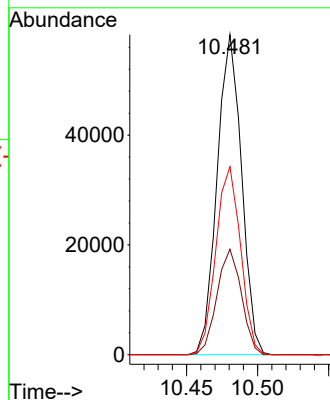
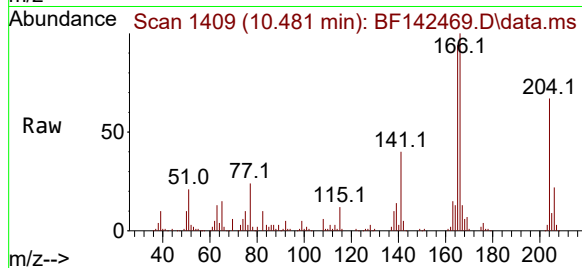




#61
4-Chlorophenyl-phenylether
Concen: 10.506 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

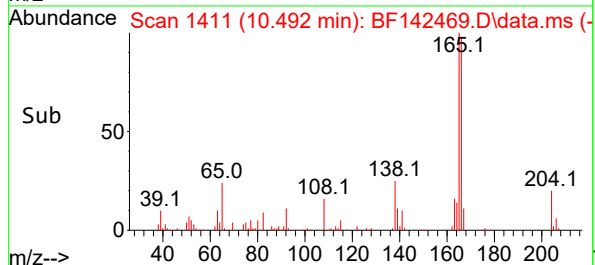
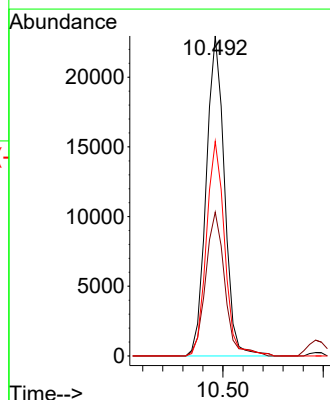
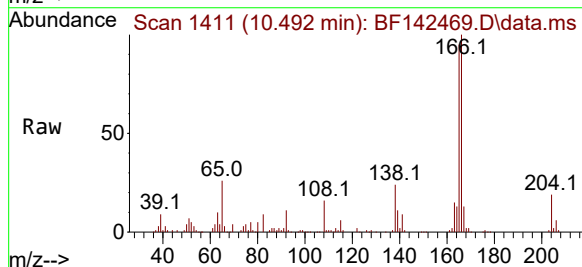
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

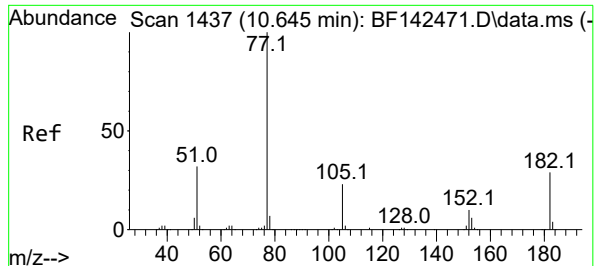
Tgt Ion:204 Resp: 69739
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 58.7 49.5 74.3



#62
4-Nitroaniline
Concen: 10.038 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:138 Resp: 29122
Ion Ratio Lower Upper
138 100
92 45.0 26.0 66.0
108 67.1 48.4 88.4

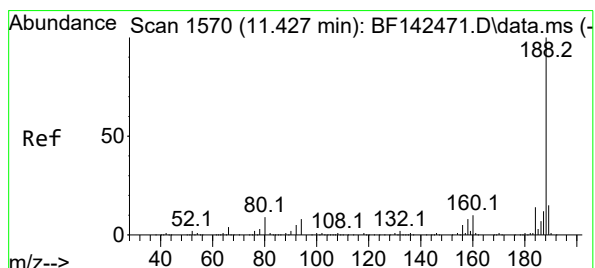
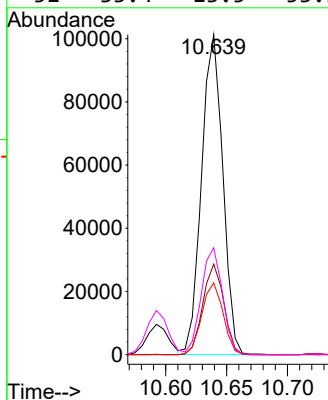
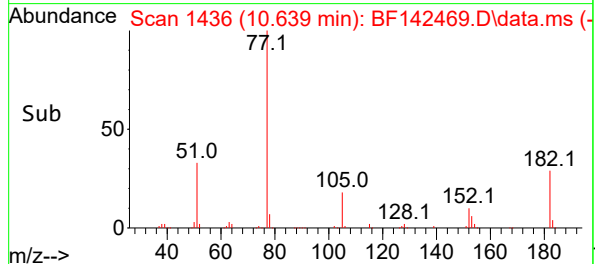
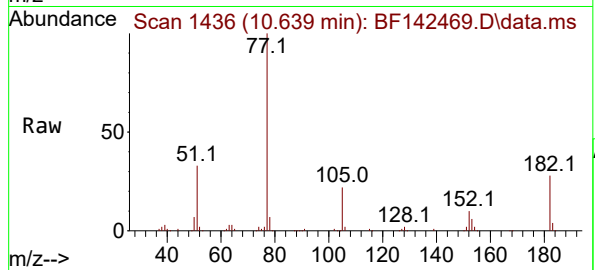




#63
Azobenzene
Concen: 10.317 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

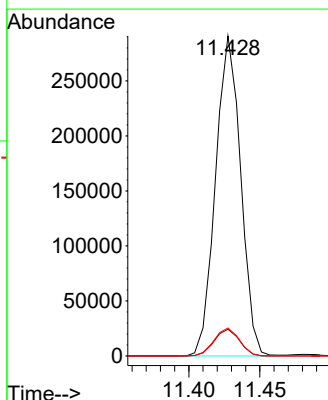
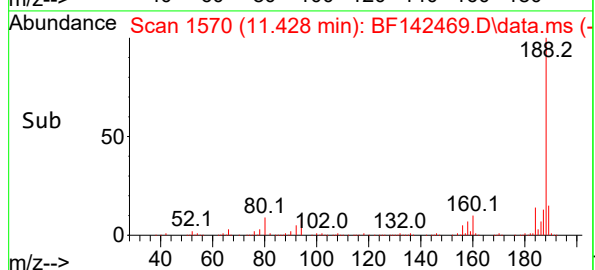
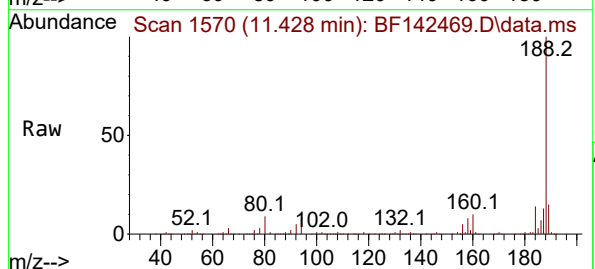
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

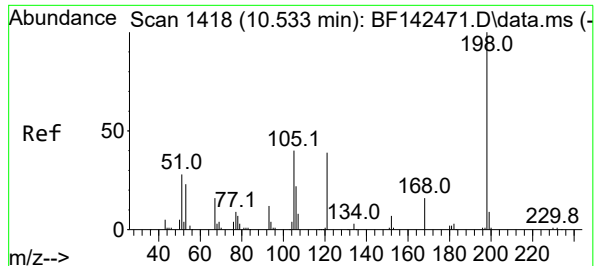
Tgt Ion: 77 Resp: 122806
Ion Ratio Lower Upper
77 100
182 28.3 9.0 49.0
105 22.5 2.4 42.4
51 33.4 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 188 Resp: 357871
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.7 7.4 11.0

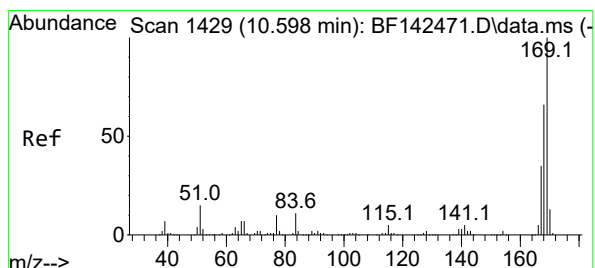
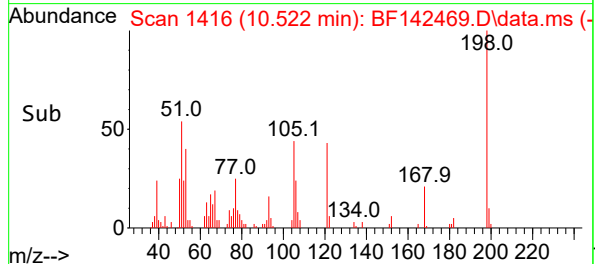
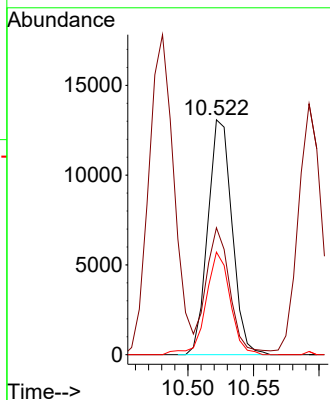
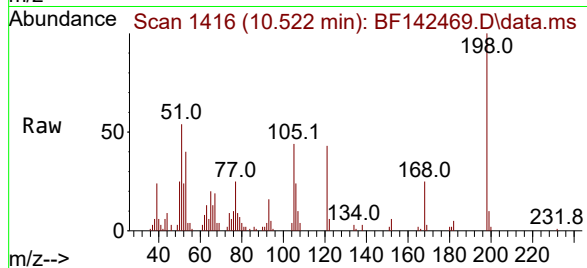




#65
4,6-Dinitro-2-methylphenol
Concen: 8.403 ng
RT: 10.522 min Scan# 1418
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

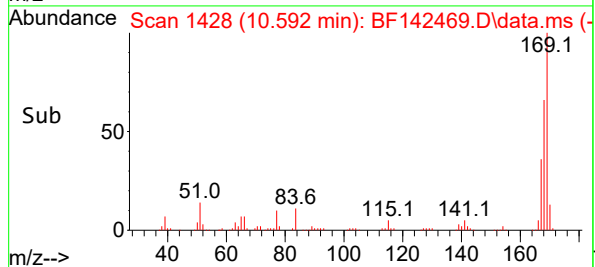
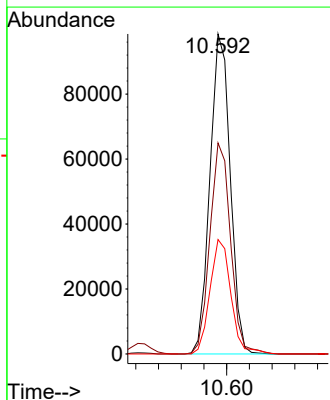
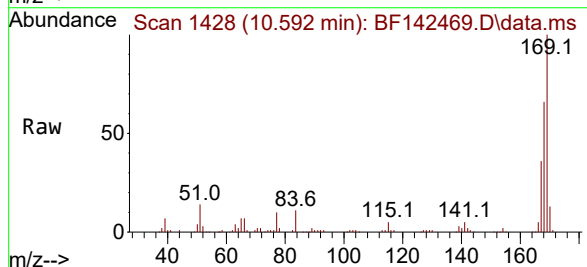
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

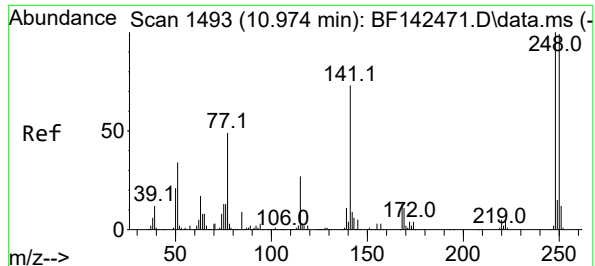
Tgt Ion:198 Resp: 16782
Ion Ratio Lower Upper
198 100
51 54.0 28.3 68.3
105 43.7 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 9.961 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:169 Resp: 121959
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 35.8 28.3 42.5

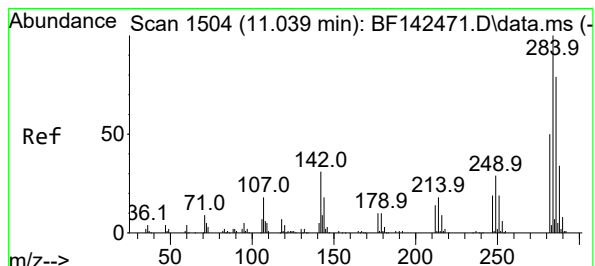
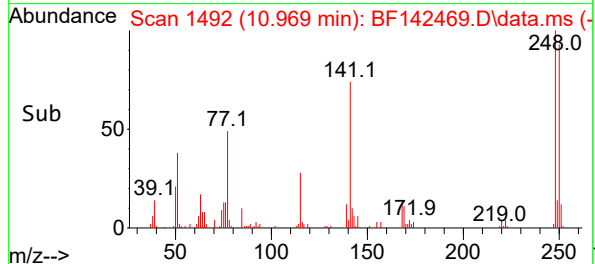
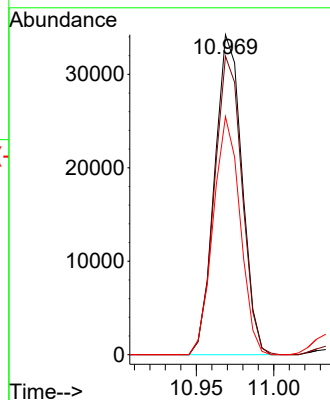
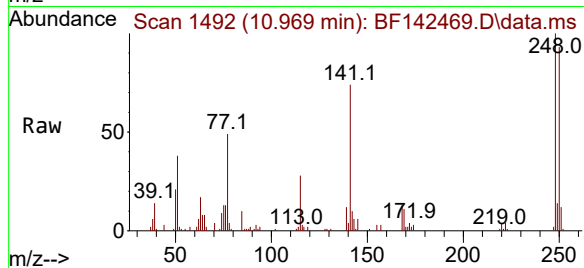




#67
4-Bromophenyl-phenylether
Concen: 9.939 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

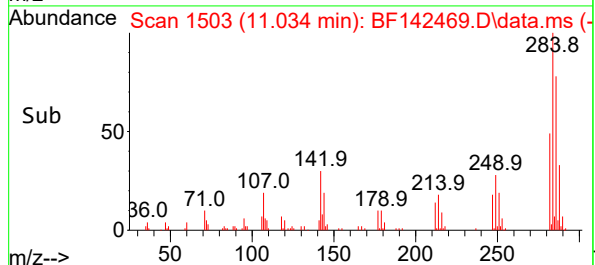
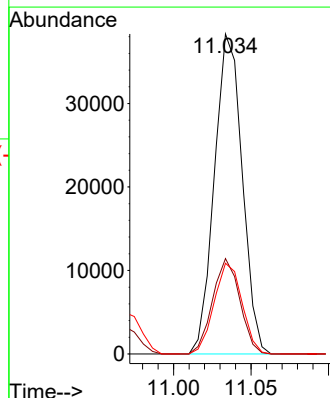
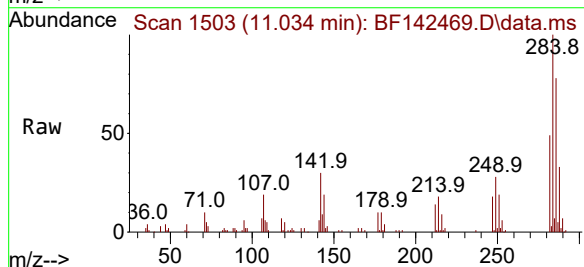
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

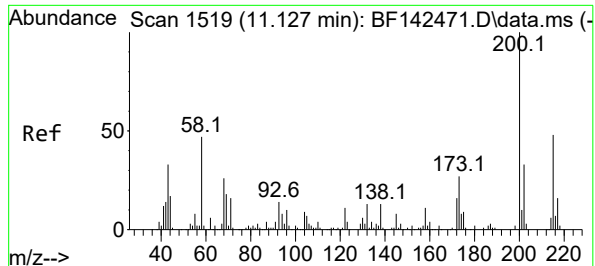
Tgt Ion:248 Resp: 42057
Ion Ratio Lower Upper
248 100
250 93.3 79.0 118.4
141 74.4 58.4 87.6



#68
Hexachlorobenzene
Concen: 10.207 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:284 Resp: 47773
Ion Ratio Lower Upper
284 100
142 29.8 24.8 37.2
249 28.4 23.6 35.4





#69

Atrazine

Concen: 9.591 ng

RT: 11.116 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

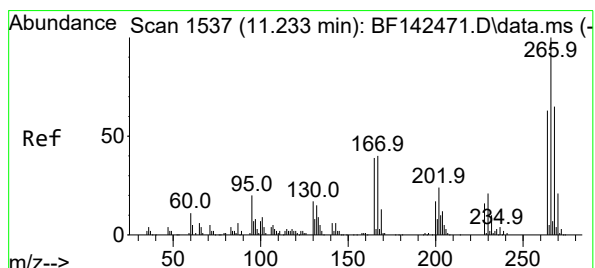
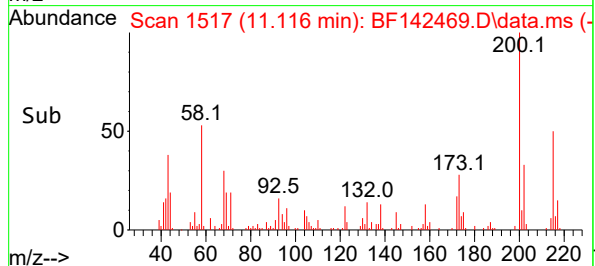
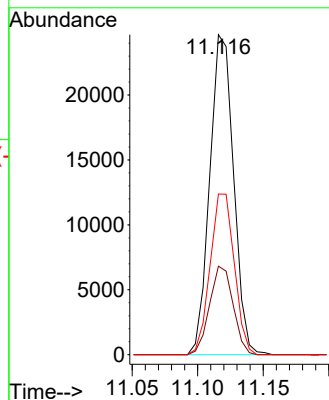
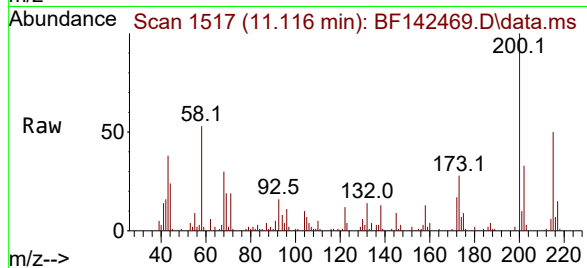
Tgt Ion:200 Resp: 31184

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 50.2 28.5 68.5



#70

Pentachlorophenol

Concen: 9.126 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

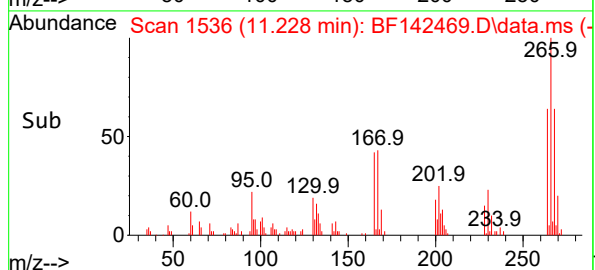
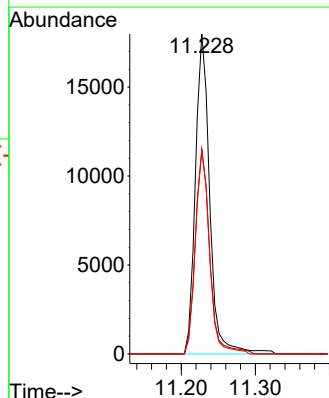
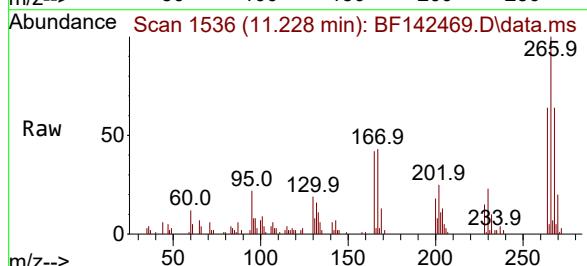
Tgt Ion:266 Resp: 24115

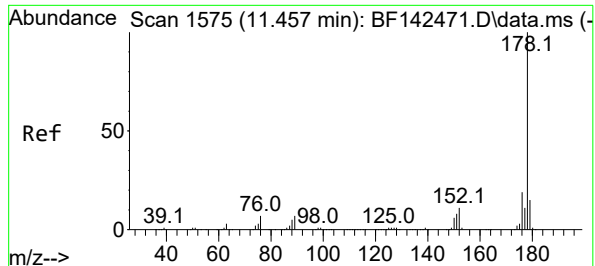
Ion Ratio Lower Upper

266 100

268 63.9 51.7 77.5

264 63.7 50.4 75.6

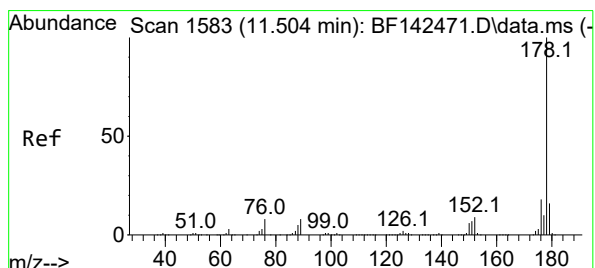
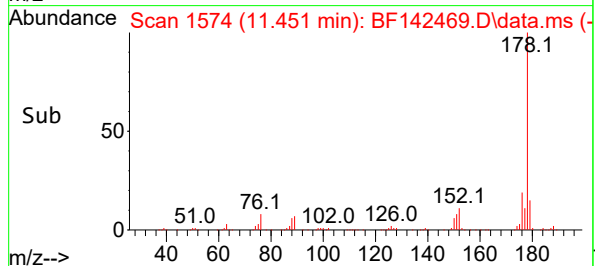
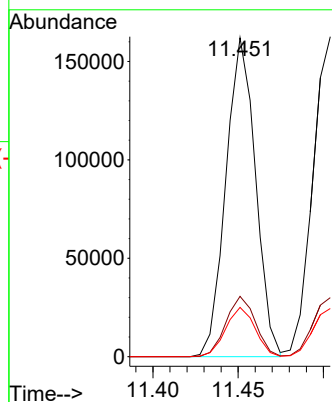
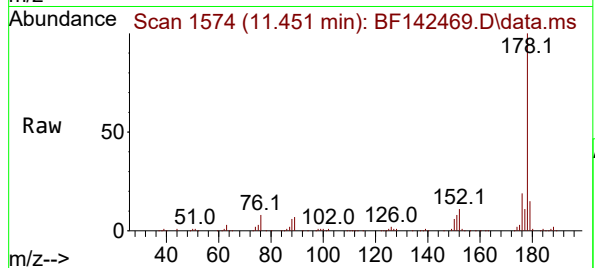




#71
Phenanthrene
Concen: 10.231 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

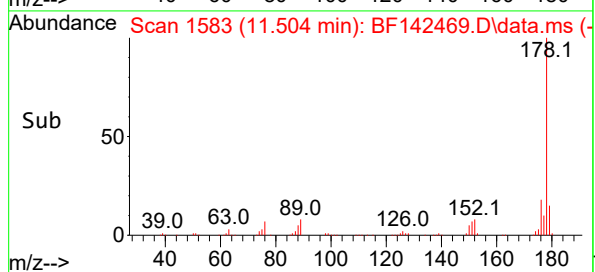
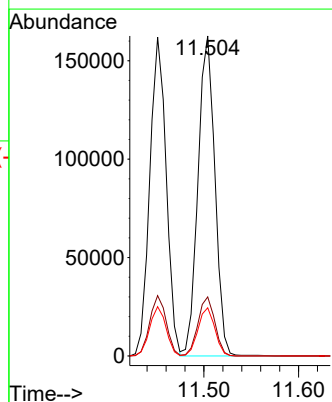
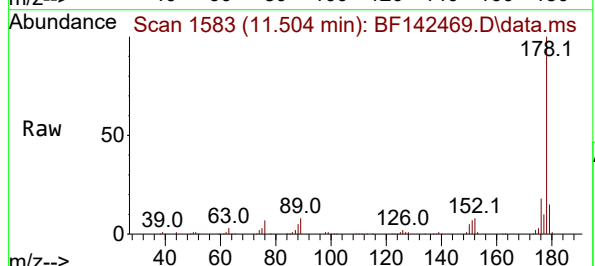
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

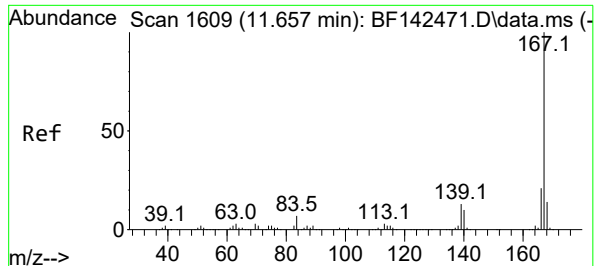
Tgt Ion:178 Resp: 195667
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 10.375 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

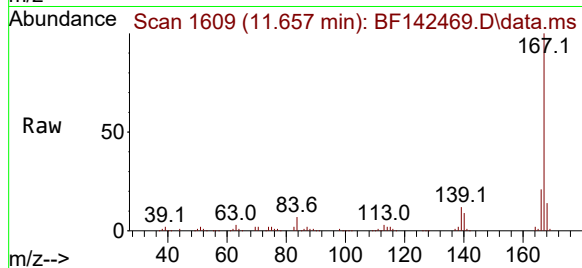
Tgt Ion:178 Resp: 202509
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.0 12.4 18.6



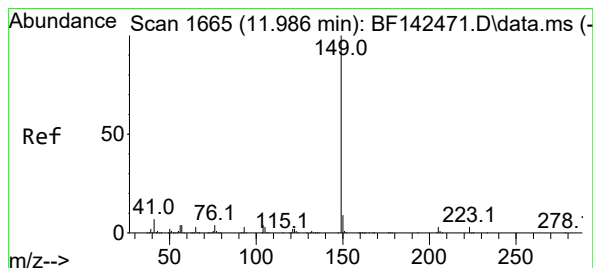
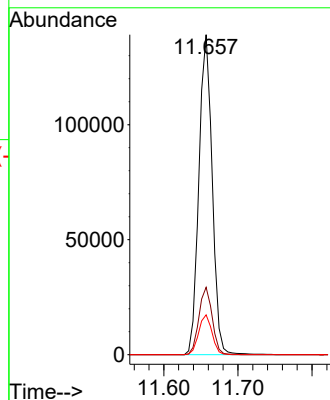
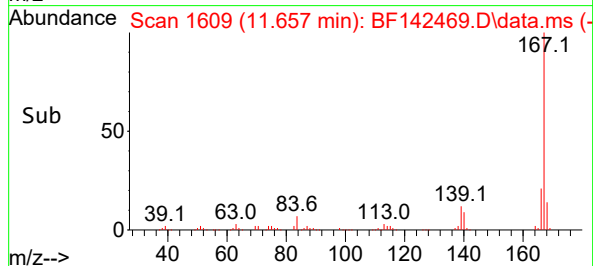


#73
Carbazole
Concen: 10.381 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

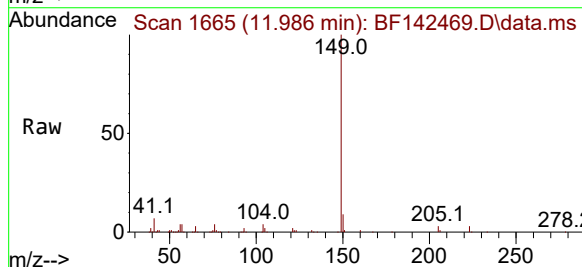
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



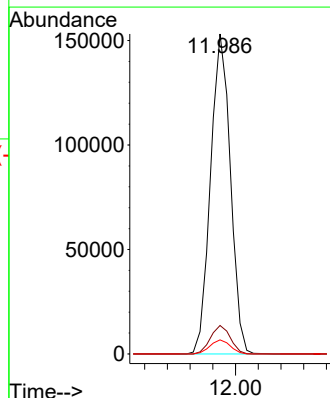
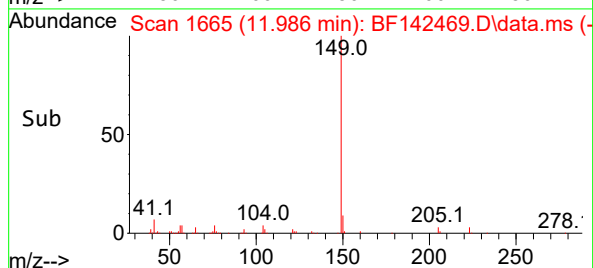
Tgt Ion:167 Resp: 173217
Ion Ratio Lower Upper
167 100
166 21.0 16.9 25.3
139 12.5 10.2 15.4

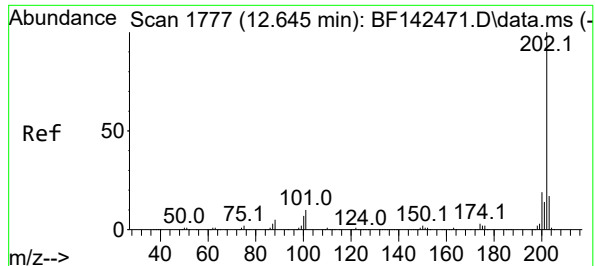


#74
Di-n-butylphthalate
Concen: 10.177 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07



Tgt Ion:149 Resp: 185880
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.4 3.6 5.4

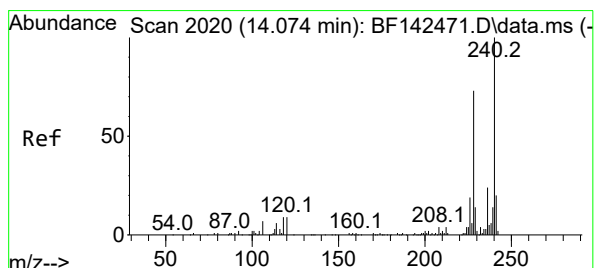
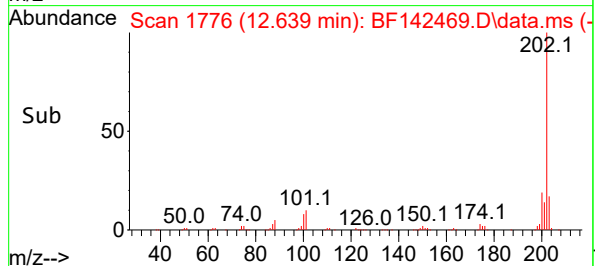
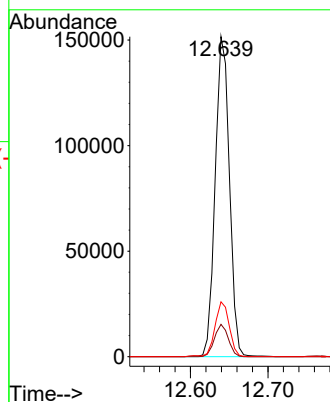
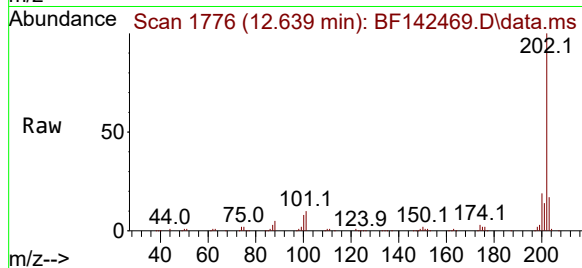




#75
Fluoranthene
Concen: 10.825 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

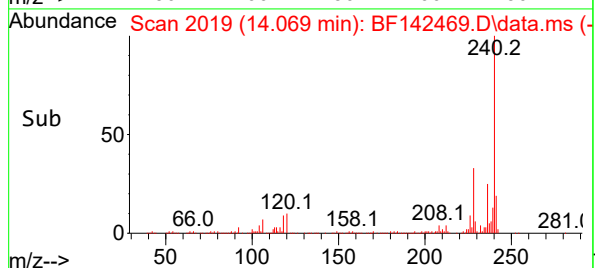
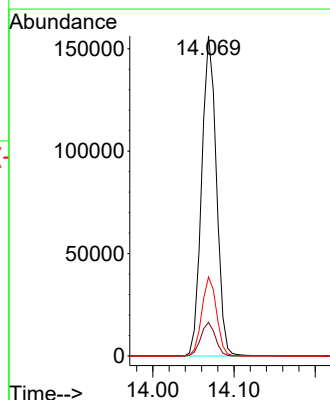
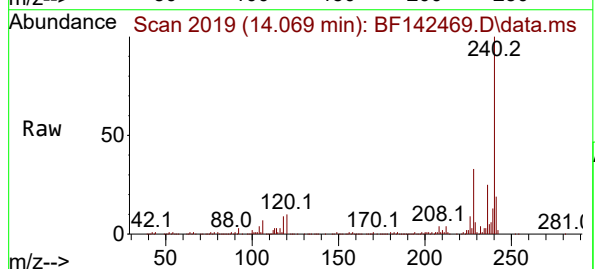
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

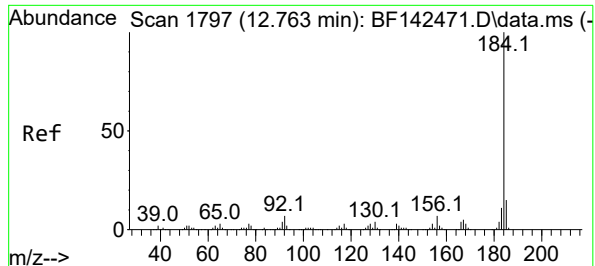
Tgt Ion:202 Resp: 193456
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:240 Resp: 197144
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 24.7 19.6 29.4





#77

Benzidine

Concen: 10.508 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

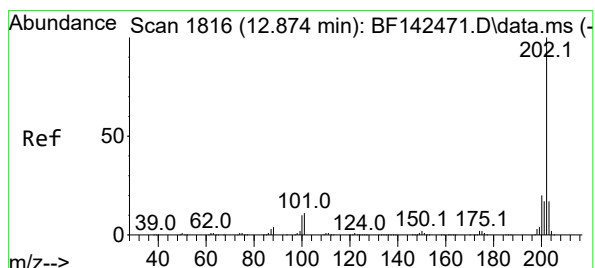
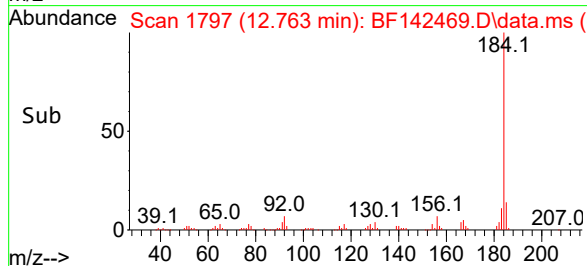
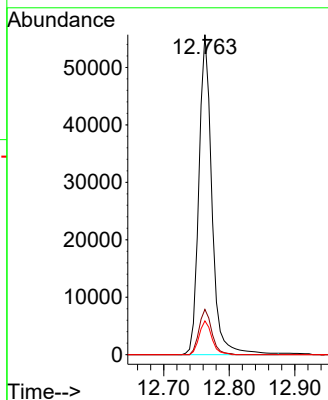
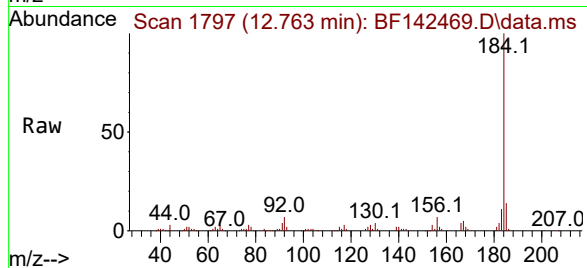
Tgt Ion:184 Resp: 77091

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 10.6 9.0 13.4



#78

Pyrene

Concen: 10.540 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

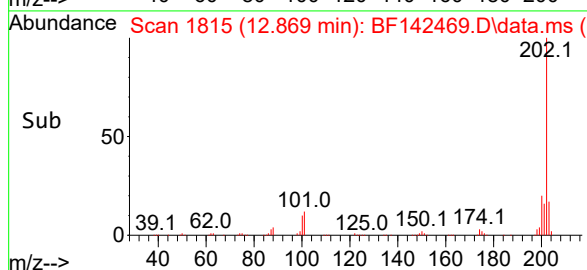
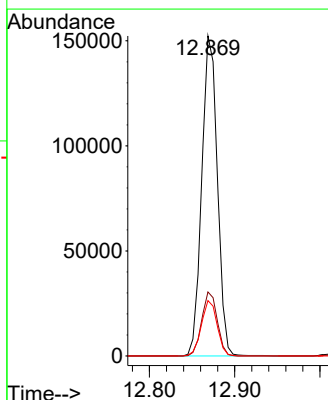
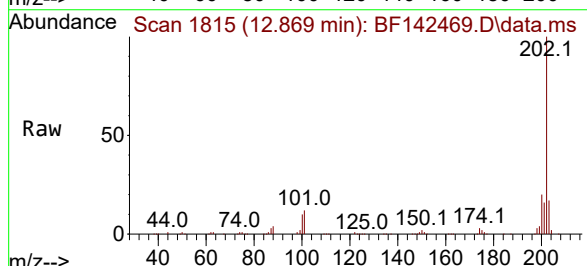
Tgt Ion:202 Resp: 193842

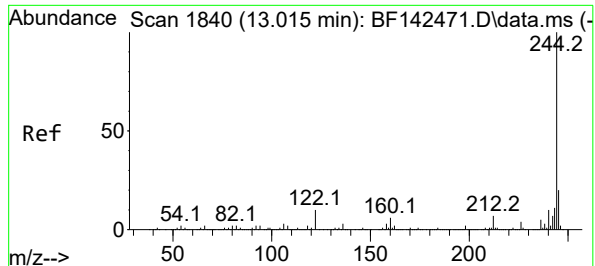
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 21.612 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

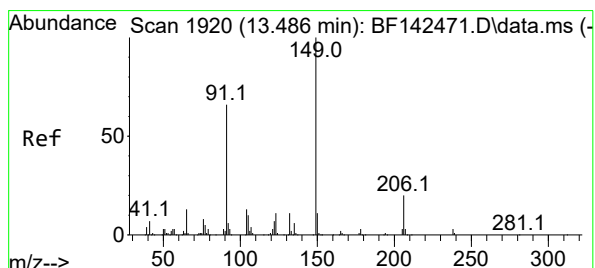
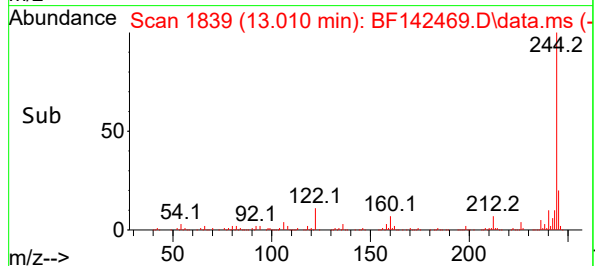
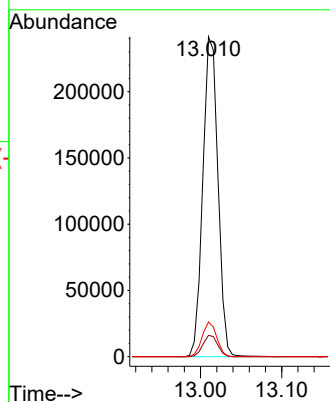
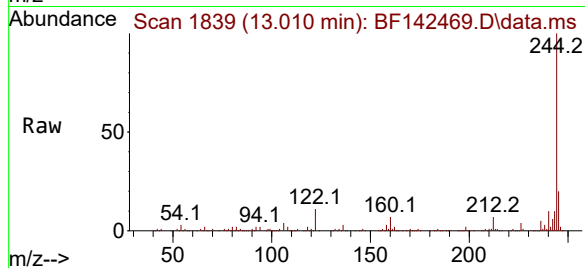
Tgt Ion:244 Resp: 311785

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 8.793 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

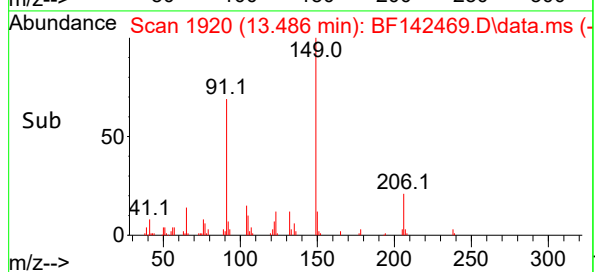
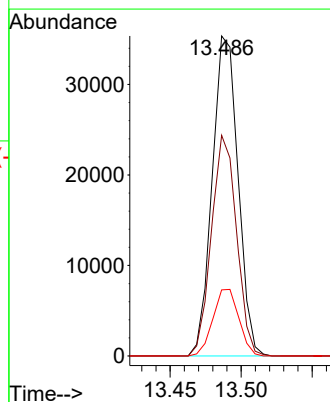
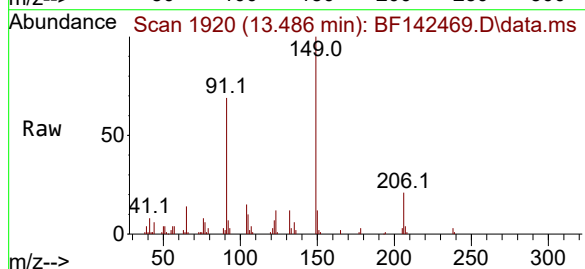
Tgt Ion:149 Resp: 44682

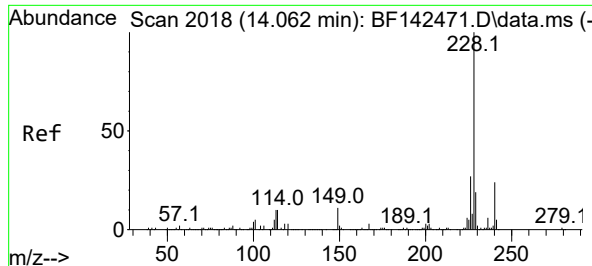
Ion Ratio Lower Upper

149 100

91 69.0 52.9 79.3

206 20.6 16.2 24.2

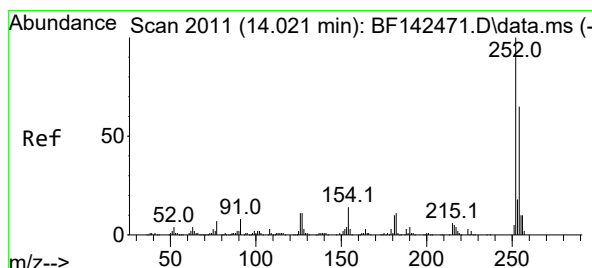
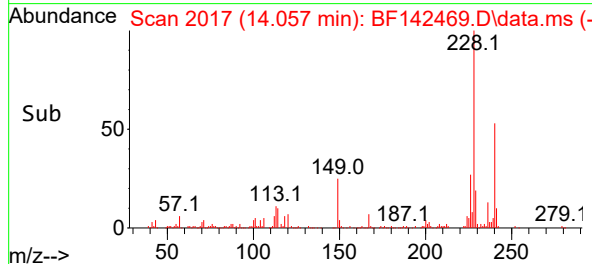
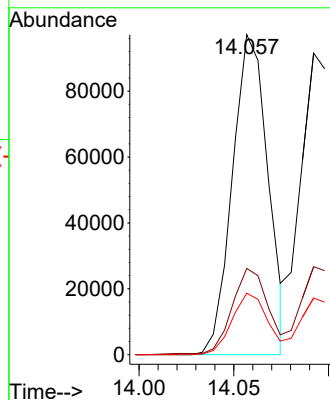
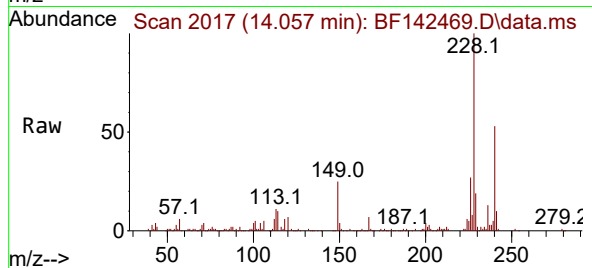




#81
Benzo(a)anthracene
Concen: 9.639 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

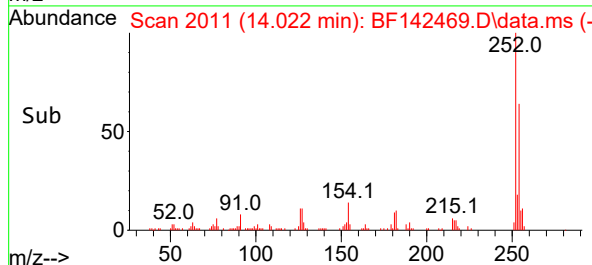
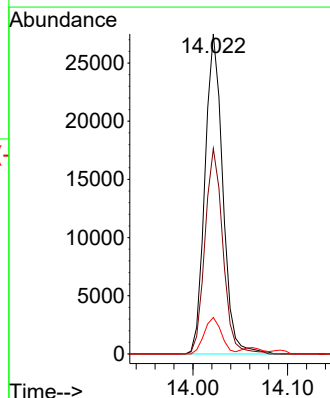
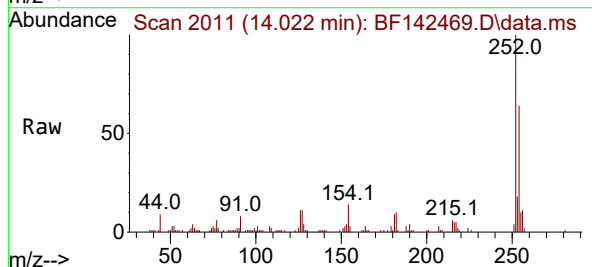
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

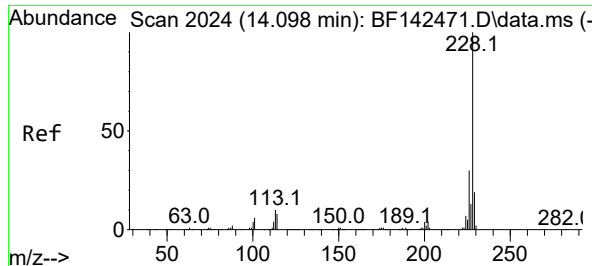
Tgt Ion:228 Resp: 126886
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.2 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 8.977 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:252 Resp: 35845
Ion Ratio Lower Upper
252 100
254 64.2 52.0 78.0
126 11.4 8.9 13.3





#83

Chrysene

Concen: 10.032 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

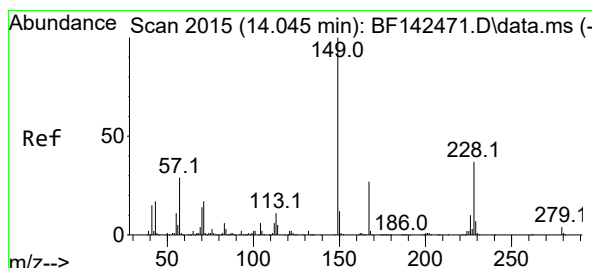
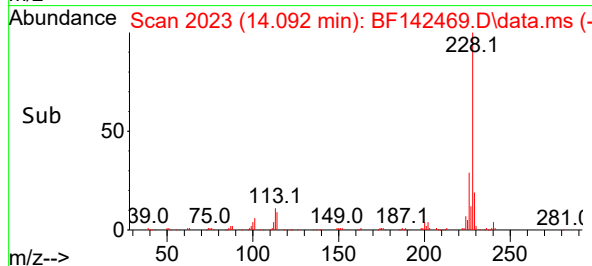
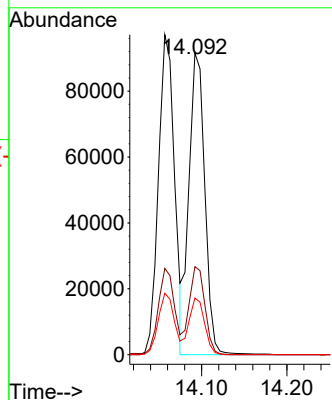
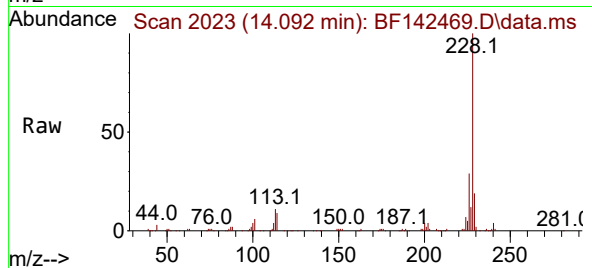
Tgt Ion:228 Resp: 118674

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 18.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.310 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

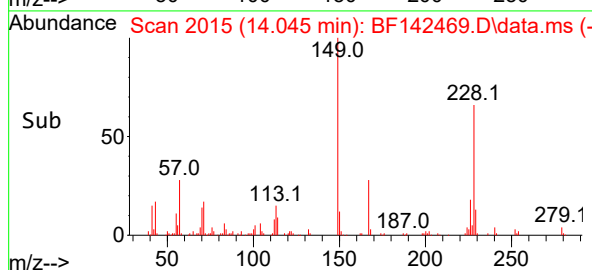
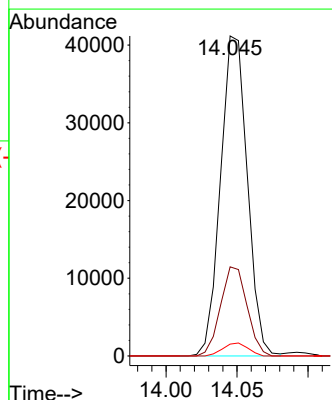
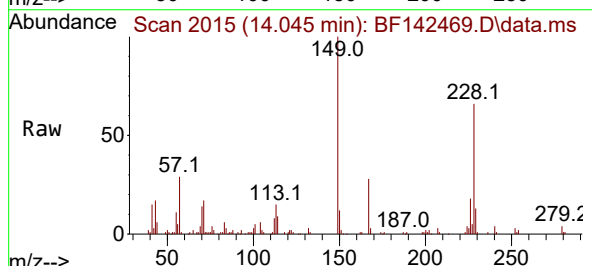
Tgt Ion:149 Resp: 54056

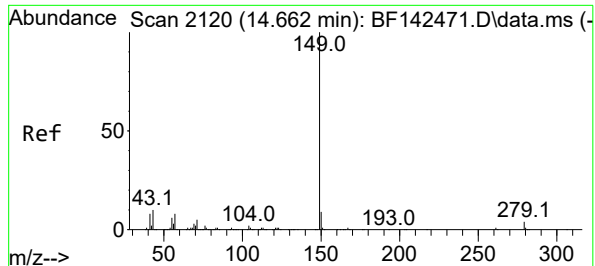
Ion Ratio Lower Upper

149 100

167 27.8 21.5 32.3

279 3.7 3.2 4.8

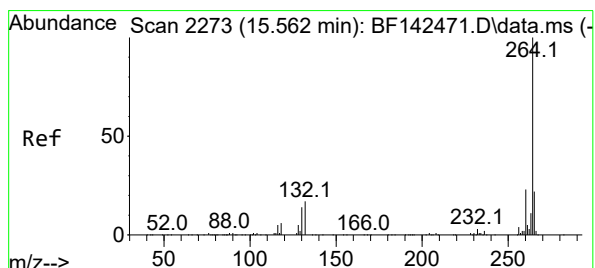
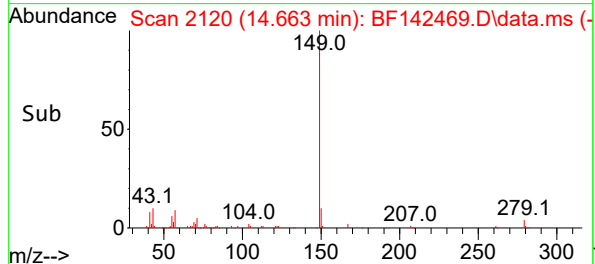
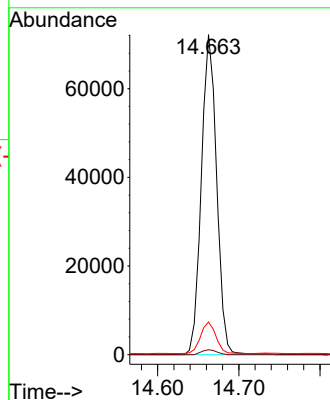
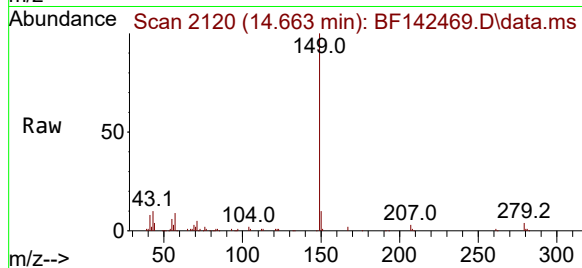




#85
Di-n-octyl phthalate
Concen: 7.425 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

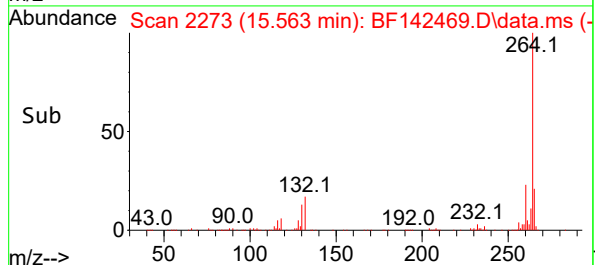
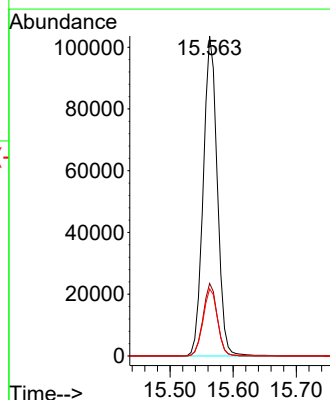
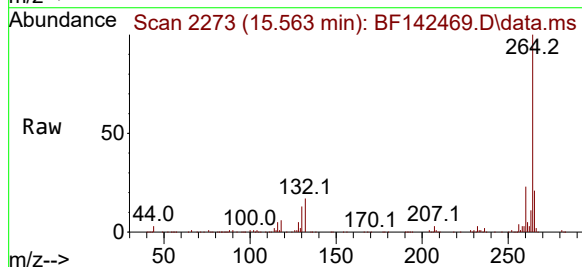
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

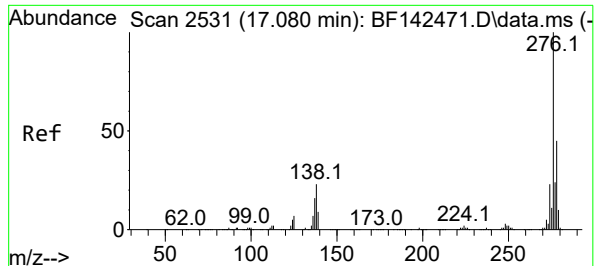
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	20.9	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.956 ng

RT: 17.068 min Scan# 2198

Delta R.T. -0.023 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

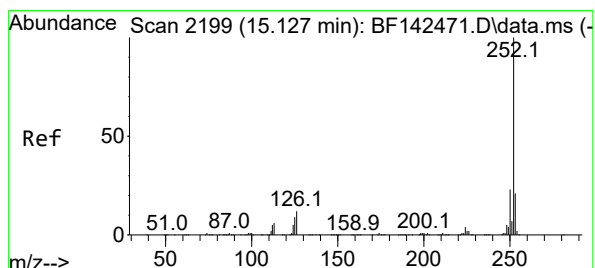
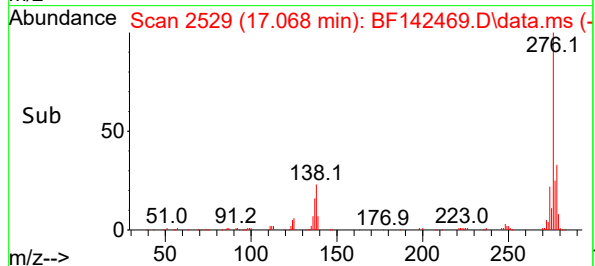
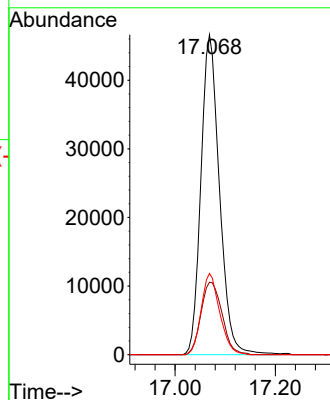
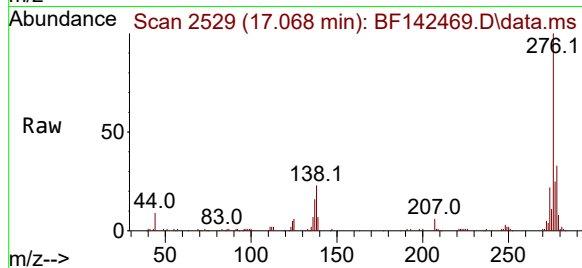
Tgt Ion:276 Resp: 119642

Ion Ratio Lower Upper

276 100

138 25.8 19.9 29.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 9.335 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

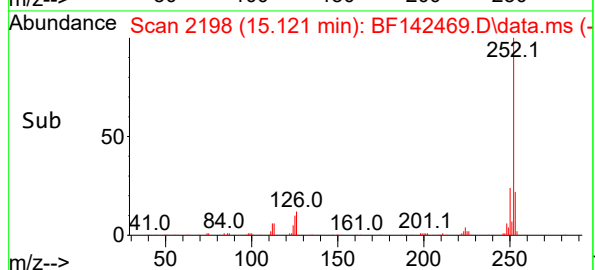
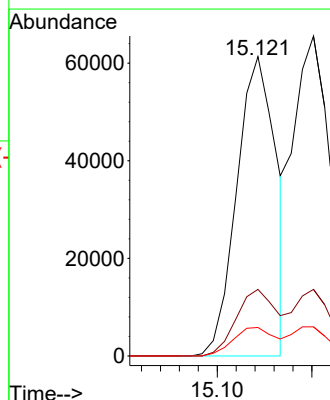
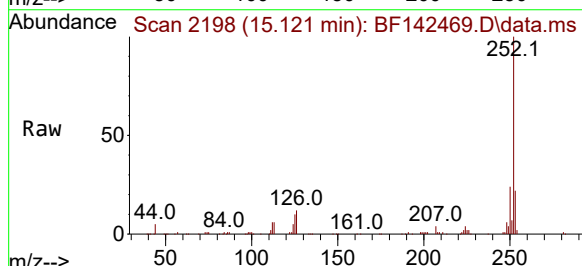
Tgt Ion:252 Resp: 88432

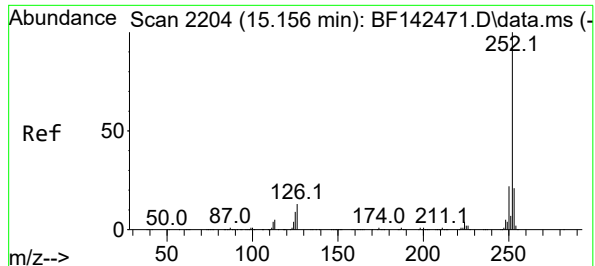
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 10.517 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

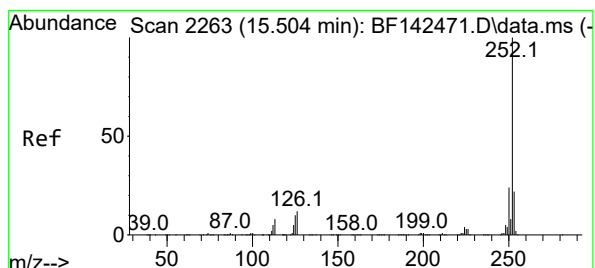
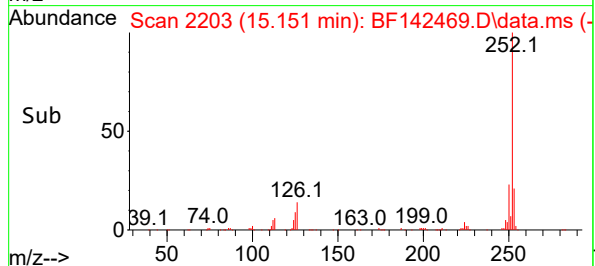
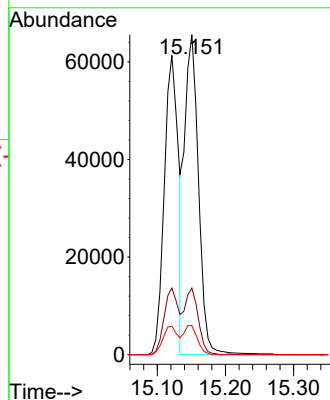
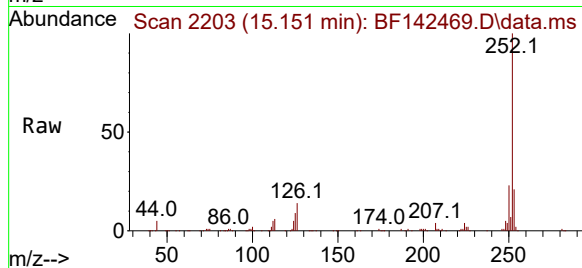
Tgt Ion:252 Resp: 93315

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.4

125 9.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 9.684 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142469.D

Acq: 20 May 2025 13:07

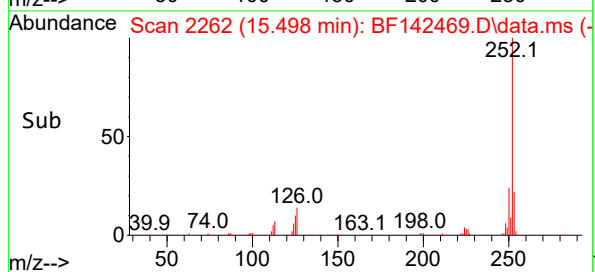
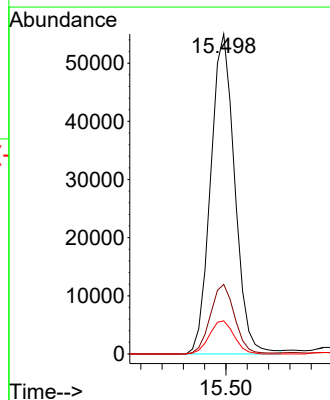
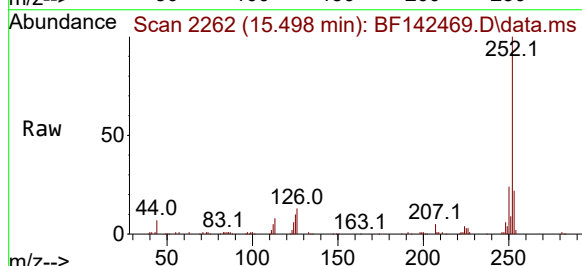
Tgt Ion:252 Resp: 86477

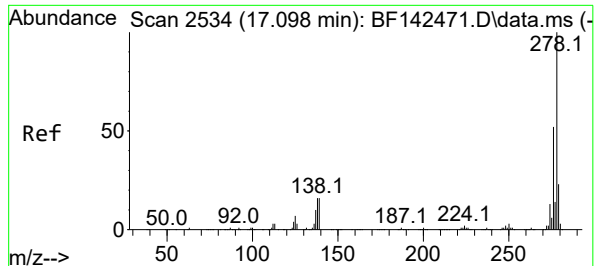
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.4 7.9 11.9

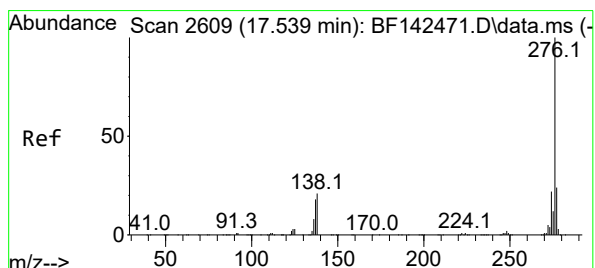
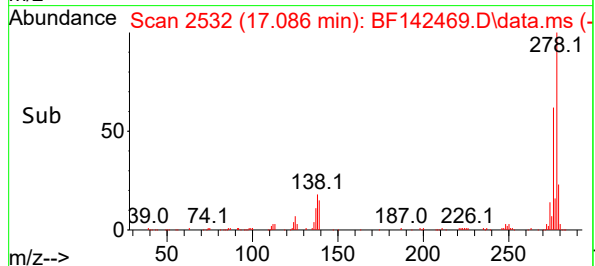
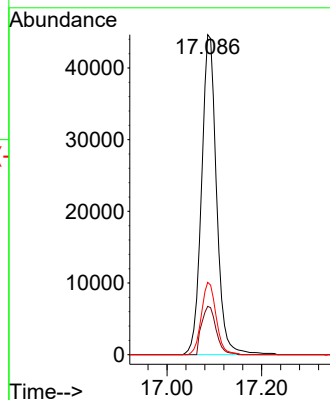
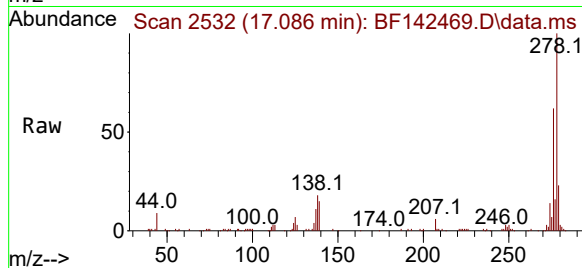




#91
Dibenzo(a,h)anthracene
Concen: 10.087 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

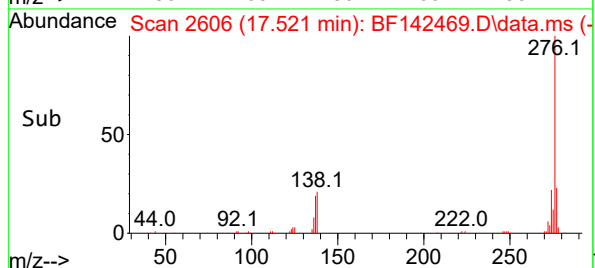
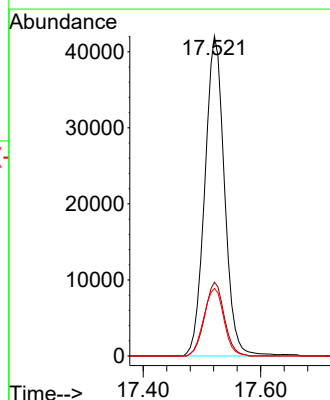
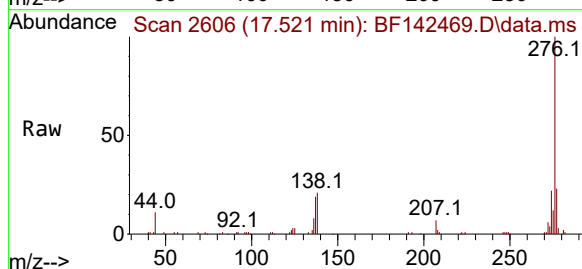
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 98308
Ion Ratio Lower Upper
278 100
139 15.1 12.8 19.2
279 22.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 10.016 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.035 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:276 Resp: 97640
Ion Ratio Lower Upper
276 100
277 23.0 19.2 28.8
138 21.1 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142470.D
 Acq On : 20 May 2025 13:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: May 20 16:55:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	94619	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	367495	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	204113	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	353003	20.000	ng	0.00
76) Chrysene-d12	14.068	240	179495	20.000	ng	0.00
86) Perylene-d12	15.563	264	165092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	231731	41.261	ng	-0.01
7) Phenol-d6	6.516	99	276122	40.843	ng	-0.02
23) Nitrobenzene-d5	7.463	82	278514	41.326	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	95535	42.171	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	635813	41.799	ng	-0.01
79) Terphenyl-d14	13.016	244	596097	45.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	44822	19.944	ng	99
3) Pyridine	3.440	79	114685	20.039	ng	99
4) n-Nitrosodimethylamine	3.375	42	59347	19.972	ng	99
6) Aniline	6.557	93	185773	20.437	ng	99
8) 2-Chlorophenol	6.681	128	124465	20.347	ng	99
9) Benzaldehyde	6.451	77	91686	22.548	ng	99
10) Phenol	6.534	94	155782	20.479	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	110538	20.187	ng	99
12) 1,3-Dichlorobenzene	6.840	146	139347	20.414	ng	100
13) 1,4-Dichlorobenzene	6.916	146	141061	20.515	ng	99
14) 1,2-Dichlorobenzene	7.069	146	135845	20.647	ng	99
15) Benzyl Alcohol	7.034	79	100072	20.030	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	187668	20.408	ng	100
17) 2-Methylphenol	7.145	107	97077	20.326	ng	99
18) Hexachloroethane	7.416	117	49500	20.617	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	85172	20.328	ng	99
20) 3+4-Methylphenols	7.298	107	126511	20.685	ng	95
22) Acetophenone	7.304	105	168730	20.741	ng	99
24) Nitrobenzene	7.481	77	124202	20.433	ng	99
25) Isophorone	7.716	82	227891	20.225	ng	100
26) 2-Nitrophenol	7.798	139	66130	20.361	ng	100
27) 2,4-Dimethylphenol	7.828	122	116913	20.412	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	144952	20.593	ng	98
29) 2,4-Dichlorophenol	8.034	162	106584	20.462	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	116666	20.638	ng	97
31) Naphthalene	8.204	128	374799	20.713	ng	100
32) Benzoic acid	7.910	122	64801	18.586	ng	99
33) 4-Chloroaniline	8.251	127	152901	20.853	ng	99
34) Hexachlorobutadiene	8.322	225	72441	20.523	ng	99
35) Caprolactam	8.598	113	30374	20.762	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	109793	20.567	ng	97
37) 2-Methylnaphthalene	8.898	142	237350	20.849	ng	98
38) 1-Methylnaphthalene	8.998	142	246831	20.961	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	119980	20.477	ng	100
41) Hexachlorocyclopentadiene	9.051	237	78243	19.796	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	82857	20.971	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142470.D
 Acq On : 20 May 2025 13:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

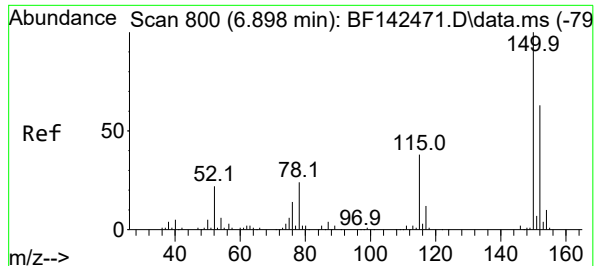
Quant Time: May 20 16:55:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	84935	20.383	ng	98
46) 1,1'-Biphenyl	9.363	154	325474	20.553	ng	99
47) 2-Chloronaphthalene	9.386	162	240148	20.526	ng	98
48) 2-Nitroaniline	9.475	65	69068	20.424	ng	97
49) Acenaphthylene	9.804	152	413782	20.945	ng	100
50) Dimethylphthalate	9.657	163	279113	20.724	ng	100
51) 2,6-Dinitrotoluene	9.716	165	59031	20.308	ng	97
52) Acenaphthene	9.975	154	250487	20.764	ng	98
53) 3-Nitroaniline	9.886	138	66847	21.055	ng	99
54) 2,4-Dinitrophenol	9.992	184	27863	18.553	ng	# 70
55) Dibenzofuran	10.145	168	360936	20.792	ng	99
56) 4-Nitrophenol	10.039	139	49352	21.067	ng	99
57) 2,4-Dinitrotoluene	10.122	165	79063	20.827	ng	99
58) Fluorene	10.486	166	279994	20.878	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	73538	21.140	ng	99
60) Diethylphthalate	10.357	149	277325	21.084	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	137985	20.944	ng	99
62) 4-Nitroaniline	10.498	138	61856	21.481	ng	98
63) Azobenzene	10.639	77	242545	20.530	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	38757	19.673	ng	97
66) n-Nitrosodiphenylamine	10.598	169	245739	20.348	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	84406	20.222	ng	96
68) Hexachlorobenzene	11.039	284	92803	20.102	ng	98
69) Atrazine	11.122	200	65656	20.471	ng	99
70) Pentachlorophenol	11.227	266	52525	20.152	ng	99
71) Phenanthrene	11.451	178	388317	20.584	ng	100
72) Anthracene	11.504	178	396704	20.604	ng	99
73) Carbazole	11.657	167	346558	21.055	ng	99
74) Di-n-butylphthalate	11.986	149	382324	21.221	ng	100
75) Fluoranthene	12.639	202	371226	21.059	ng	99
77) Benzidine	12.763	184	162031	24.258	ng	99
78) Pyrene	12.869	202	370789	22.144	ng	99
80) Butylbenzylphthalate	13.486	149	94290	20.379	ng	99
81) Benzo(a)anthracene	14.057	228	251858	21.013	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	72218	19.865	ng	99
83) Chrysene	14.098	228	214213	19.890	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	111015	18.743	ng	100
85) Di-n-octyl phthalate	14.663	149	198800	17.166	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	261271	21.080	ng	99
88) Benzo(b)fluoranthene	15.121	252	213487	21.849	ng	99
89) Benzo(k)fluoranthene	15.151	252	170316	18.611	ng	100
90) Benzo(a)pyrene	15.498	252	183983	19.976	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	210557	20.946	ng	99
92) Benzo(g,h,i)perylene	17.527	276	209719	20.859	ng	98

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

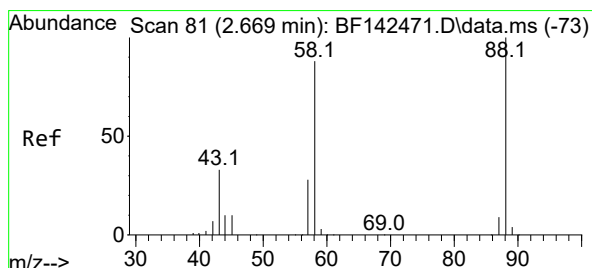
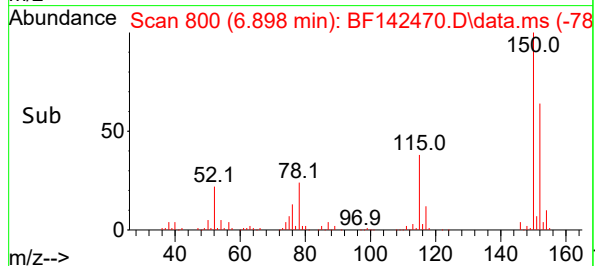
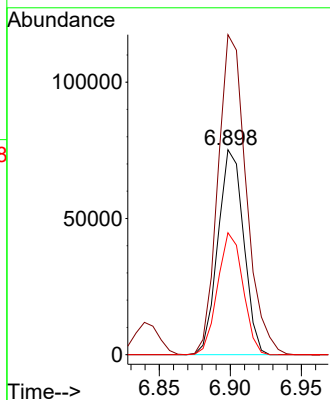
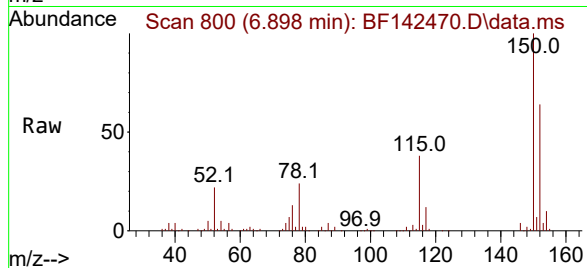
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

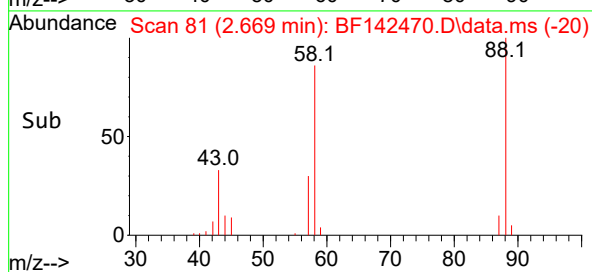
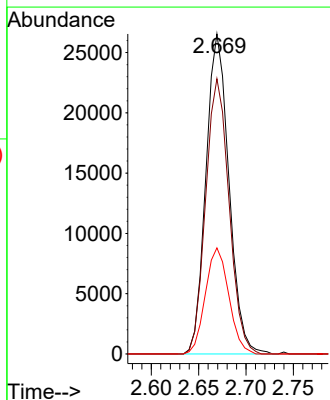
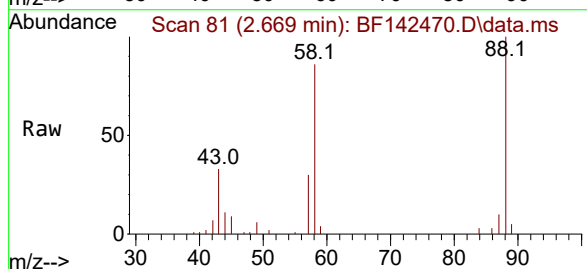
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

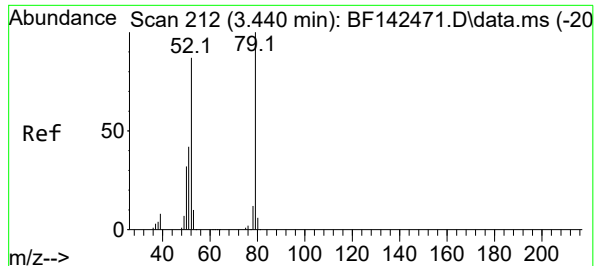
Tgt Ion:152 Resp: 94619
Ion Ratio Lower Upper
152 100
150 156.2 128.2 192.4
115 59.5 48.3 72.5



#2
1,4-Dioxane
Concen: 19.944 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 88 Resp: 44822
Ion Ratio Lower Upper
88 100
58 87.2 70.8 106.2
43 33.7 26.6 40.0





#3

Pyridine

Concen: 20.039 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

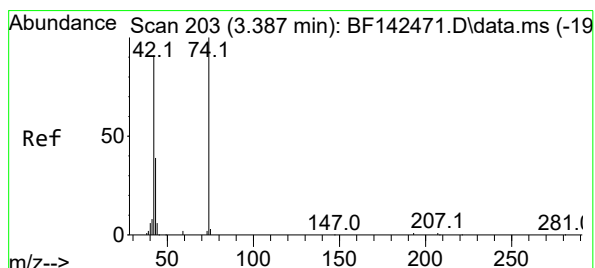
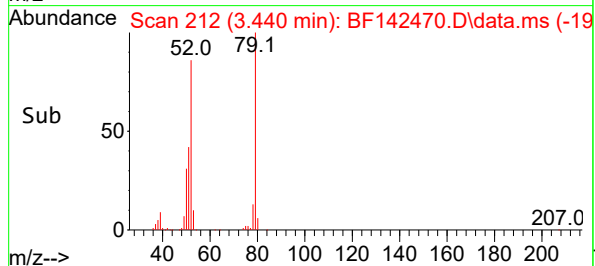
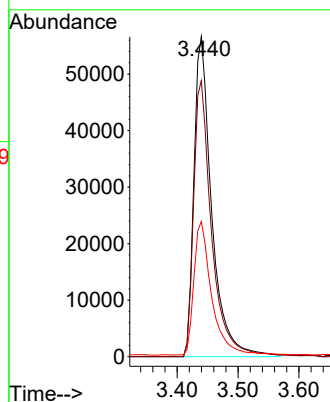
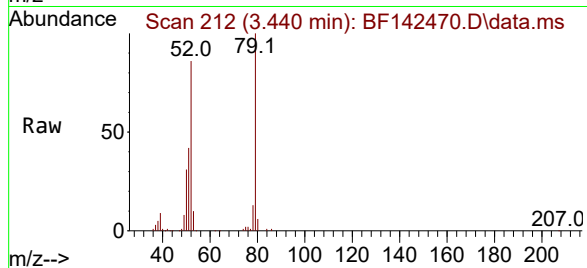
Tgt Ion: 79 Resp: 114685

Ion Ratio Lower Upper

79 100

52 86.3 69.2 103.8

51 42.3 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 19.972 ng

RT: 3.375 min Scan# 201

Delta R.T. -0.029 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

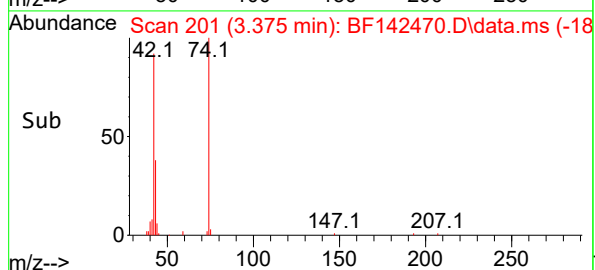
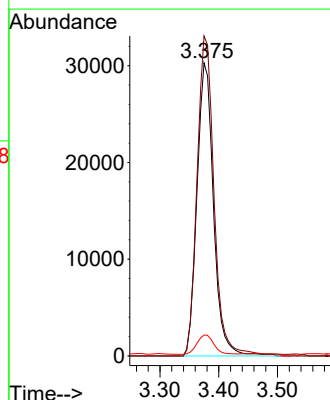
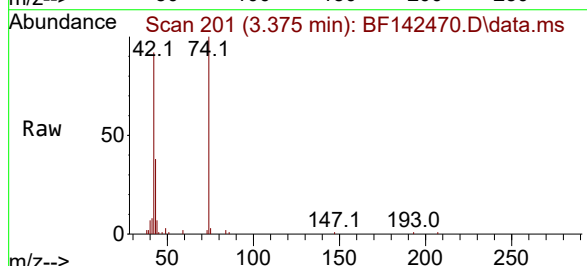
Tgt Ion: 42 Resp: 59347

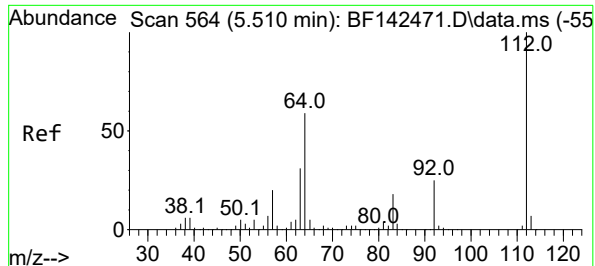
Ion Ratio Lower Upper

42 100

74 109.2 88.2 132.4

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 41.261 ng

RT: 5.504 min Scan# 5

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

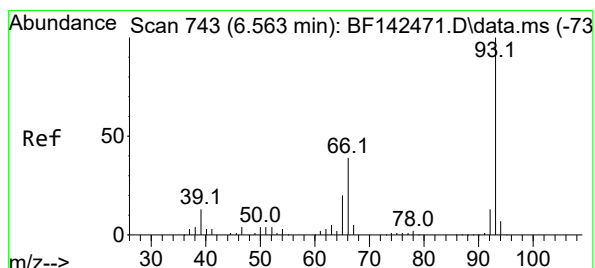
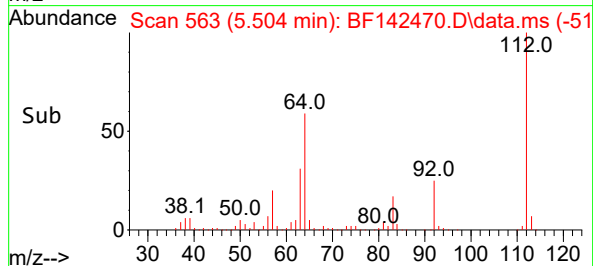
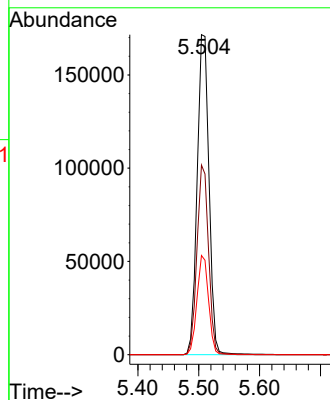
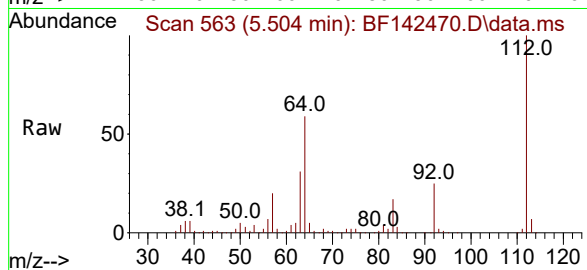
Tgt Ion:112 Resp: 231731

Ion Ratio Lower Upper

112 100

64 59.3 47.5 71.3

63 31.0 24.9 37.3



#6

Aniline

Concen: 20.437 ng

RT: 6.557 min Scan# 742

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

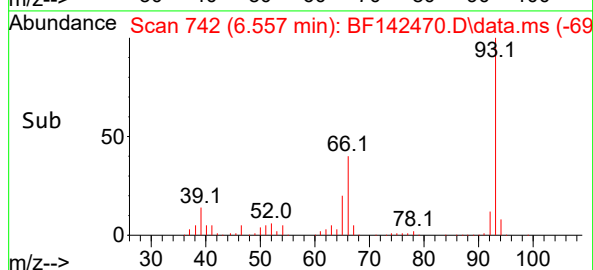
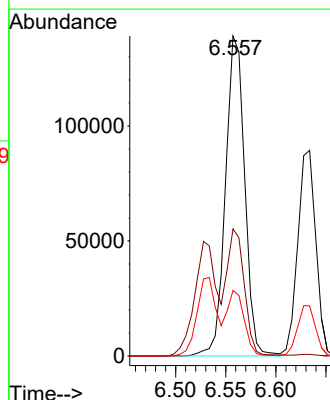
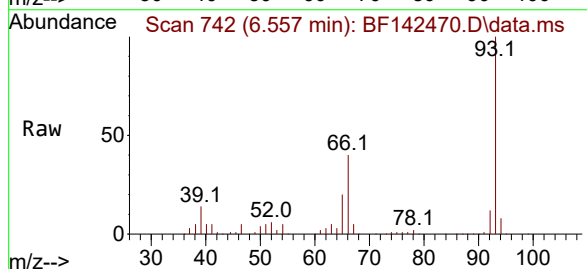
Tgt Ion: 93 Resp: 185773

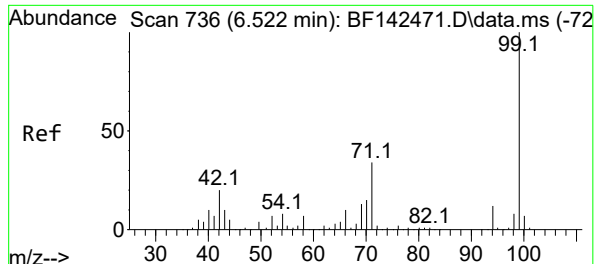
Ion Ratio Lower Upper

93 100

66 39.7 32.0 48.0

65 20.5 16.1 24.1





#7

Phenol-d6

Concen: 40.843 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

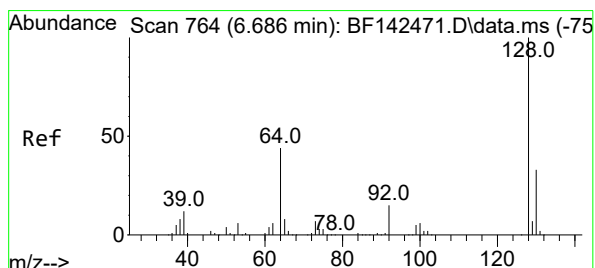
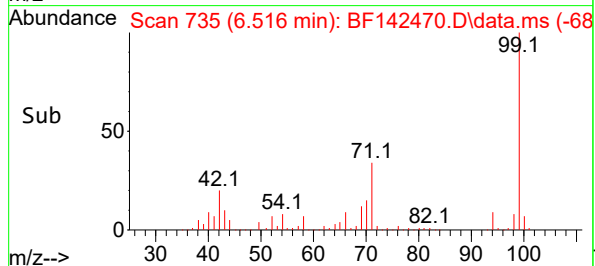
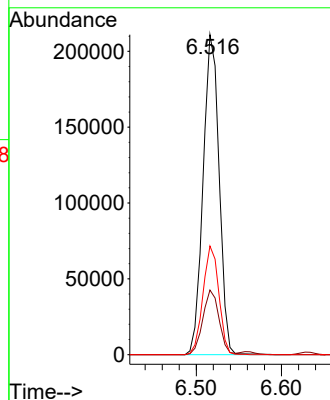
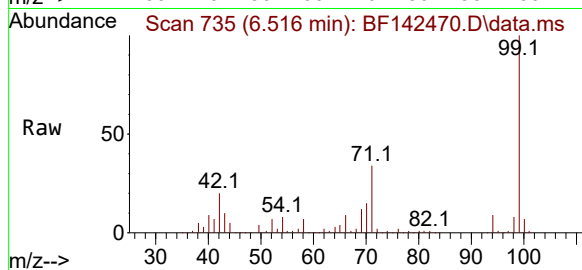
Tgt Ion: 99 Resp: 276122

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

71 34.0 27.3 40.9



#8

2-Chlorophenol

Concen: 20.347 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

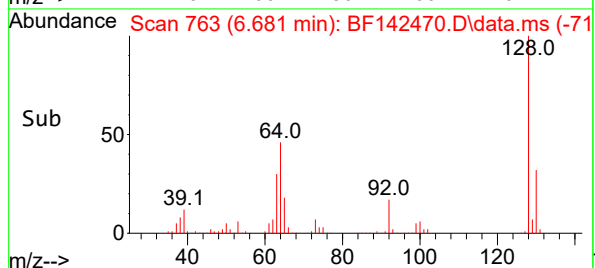
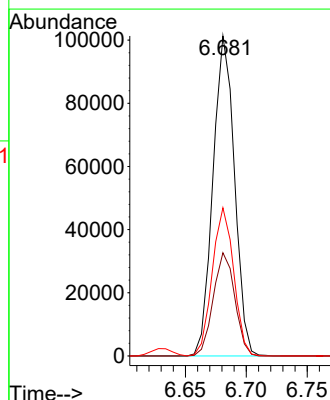
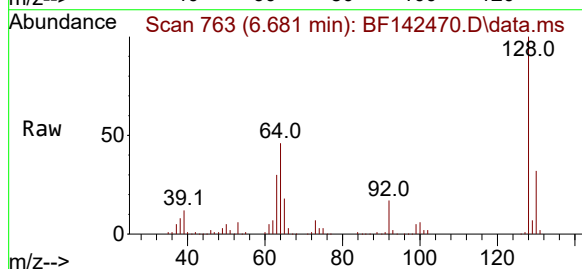
Tgt Ion:128 Resp: 124465

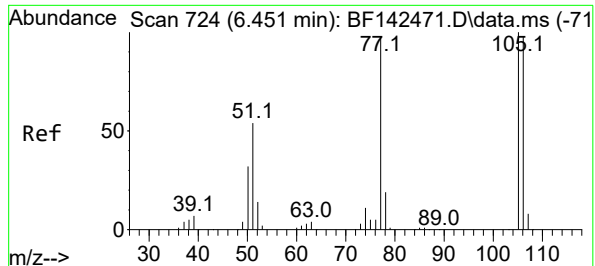
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 46.3 25.1 65.1





#9

Benzaldehyde

Concen: 22.548 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

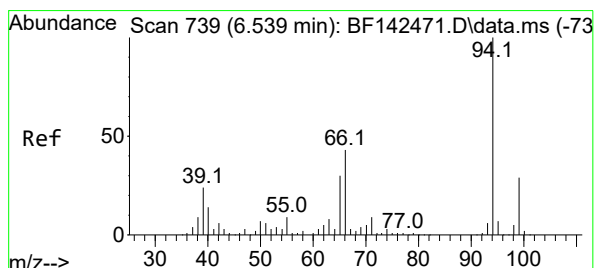
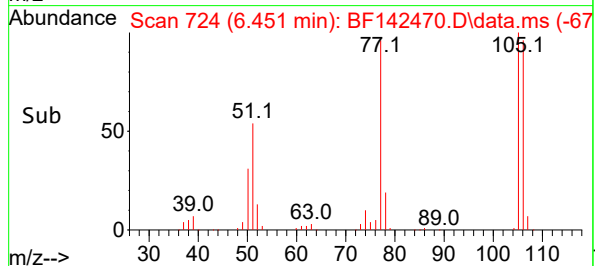
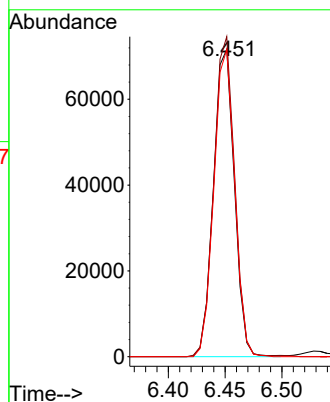
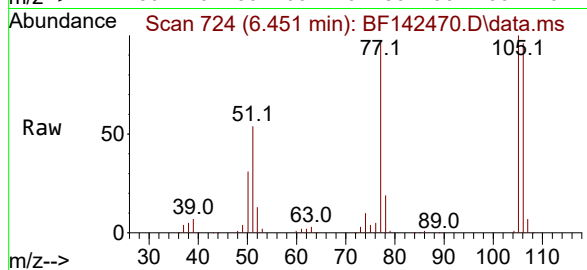
Tgt Ion: 77 Resp: 91686

Ion Ratio Lower Upper

77 100

105 104.1 82.5 122.5

106 100.0 80.0 120.0



#10

Phenol

Concen: 20.479 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.018 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

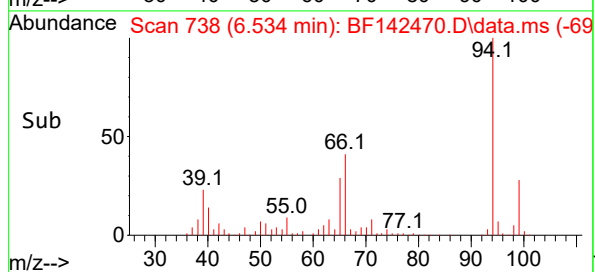
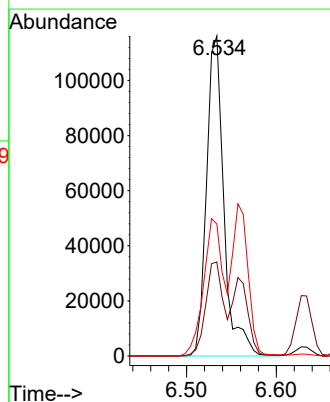
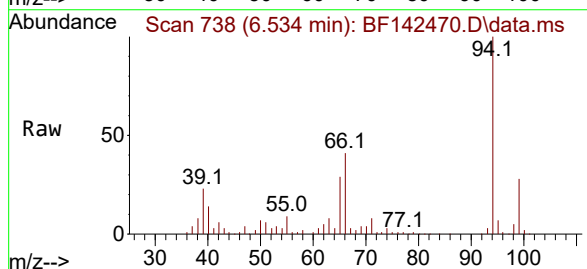
Tgt Ion: 94 Resp: 155782

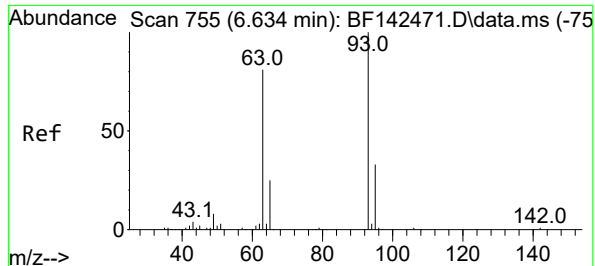
Ion Ratio Lower Upper

94 100

65 29.3 10.3 50.3

66 41.2 22.6 62.6

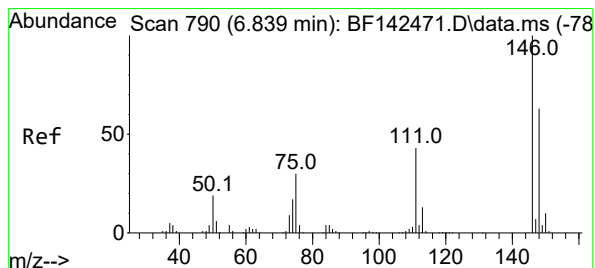
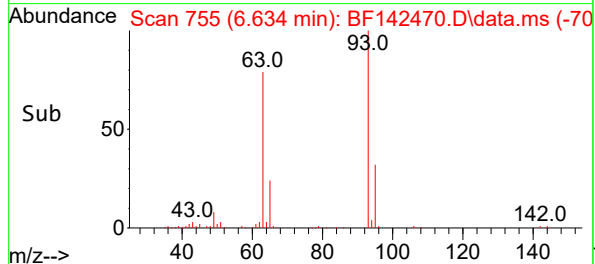
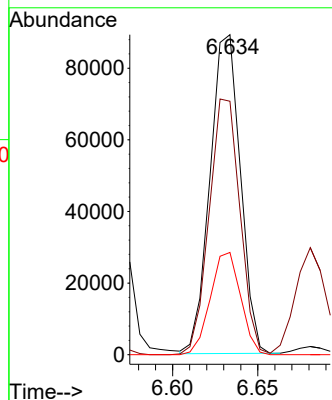
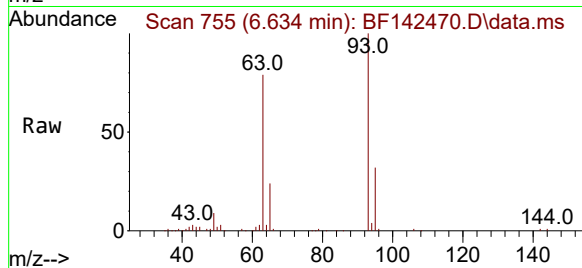




#11
bis(2-Chloroethyl)ether
Concen: 20.187 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

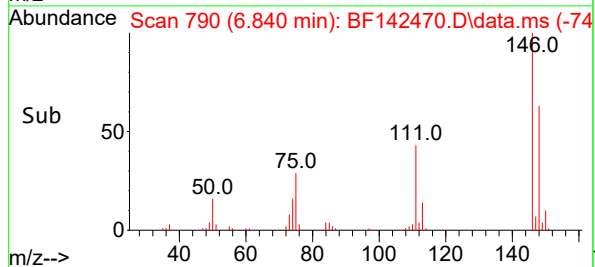
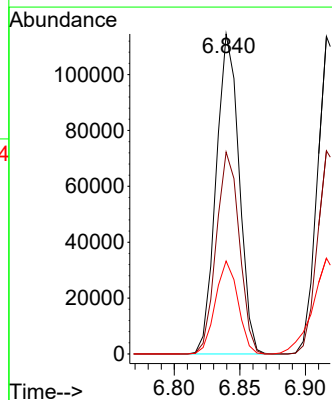
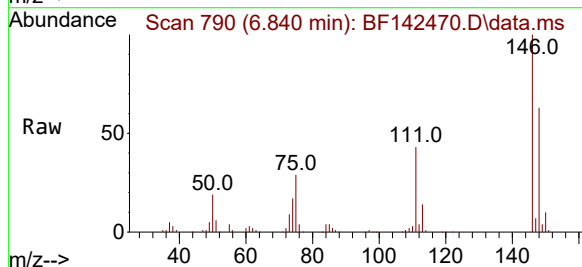
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

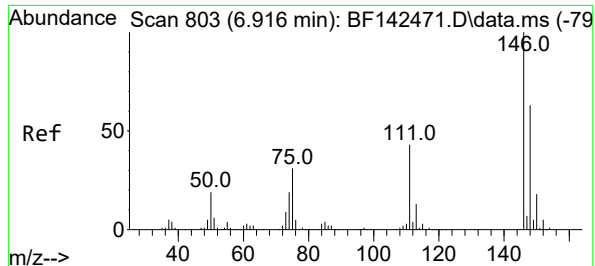
Tgt Ion: 93 Resp: 110538
Ion Ratio Lower Upper
93 100
63 79.2 60.2 100.2
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 20.414 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 146 Resp: 139347
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 29.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 20.515 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

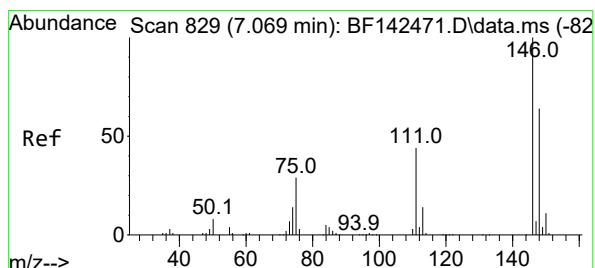
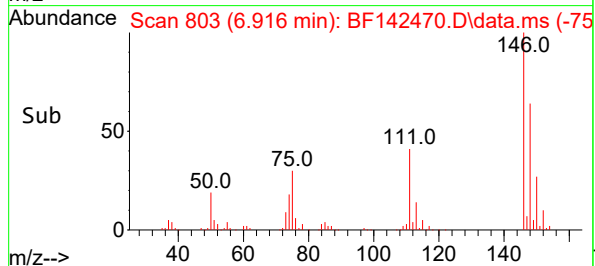
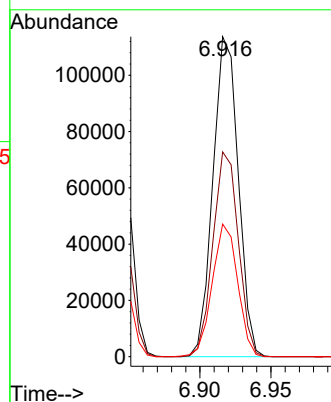
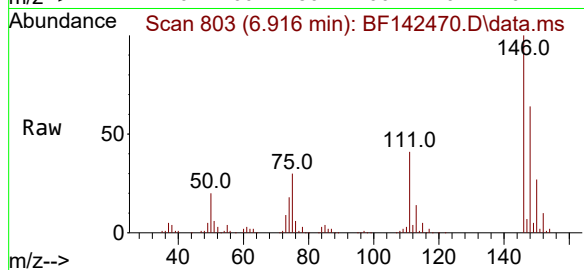
Tgt Ion:146 Resp: 141061

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 41.4 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 20.647 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

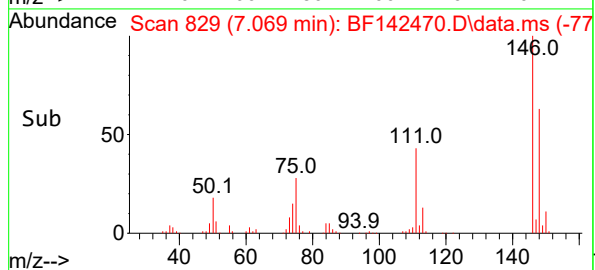
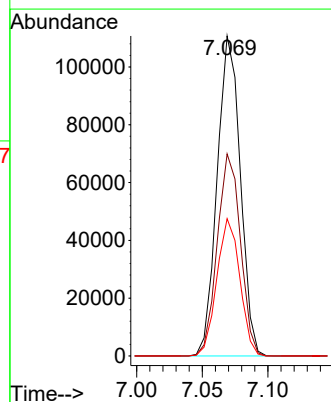
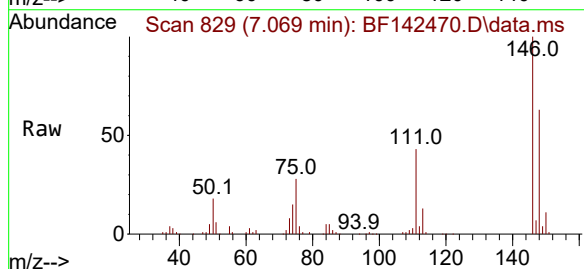
Tgt Ion:146 Resp: 135845

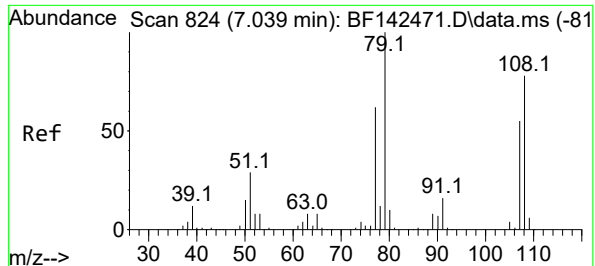
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

111 42.9 35.0 52.6





#15

Benzyl Alcohol

Concen: 20.030 ng

RT: 7.034 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

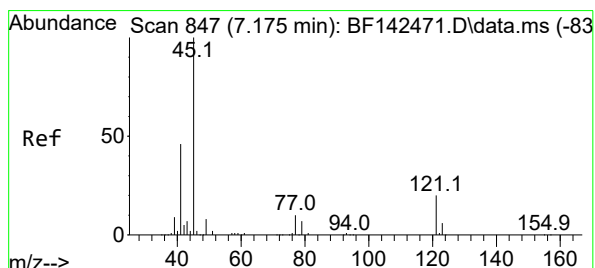
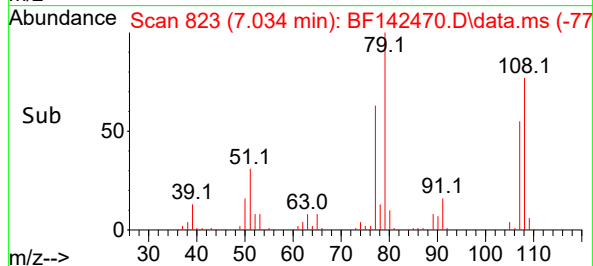
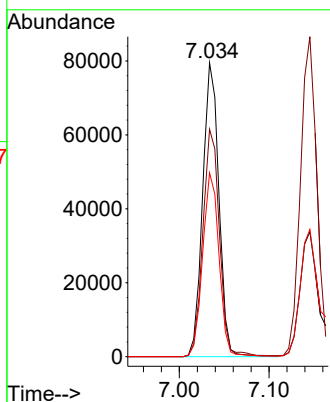
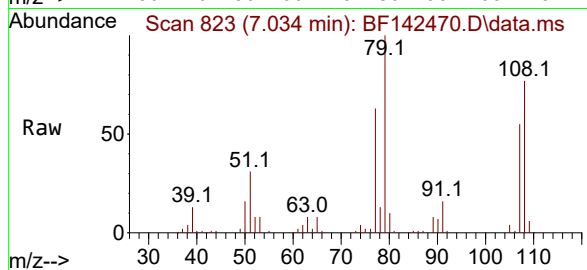
Tgt Ion: 79 Resp: 100072

Ion Ratio Lower Upper

79 100

108 77.4 62.1 93.1

77 62.5 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.408 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

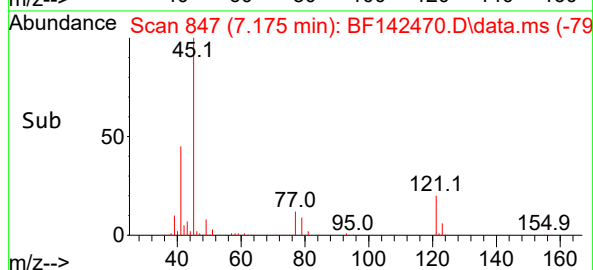
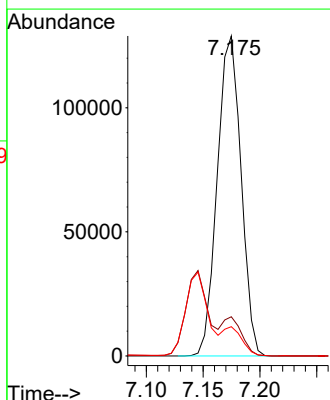
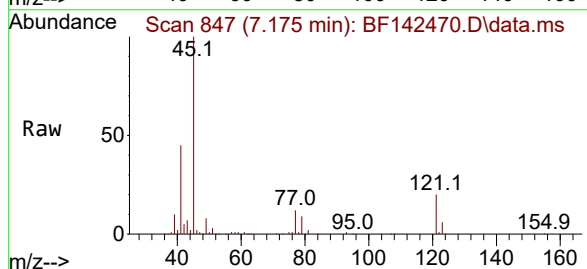
Tgt Ion: 45 Resp: 187668

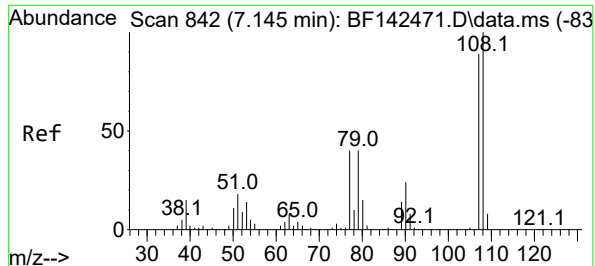
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.0

79 9.2 0.0 29.2

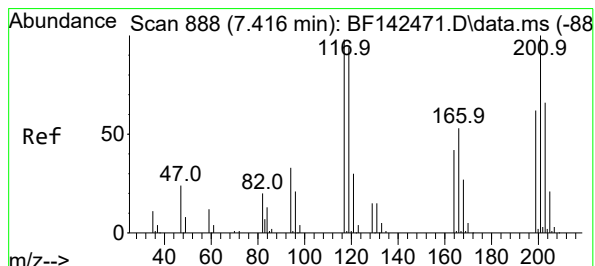
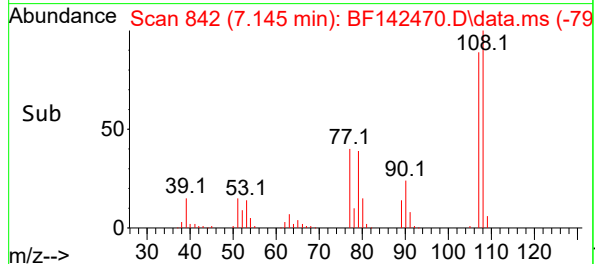
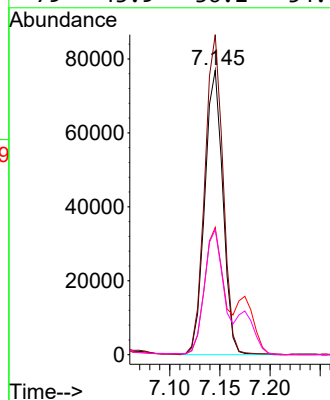
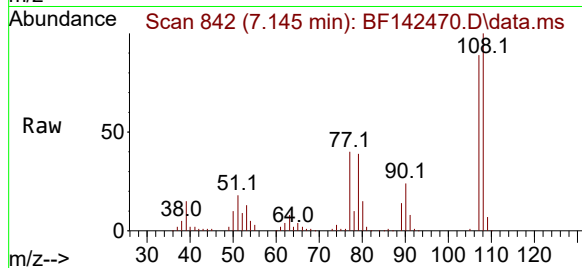




#17
2-Methylphenol
Concen: 20.326 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

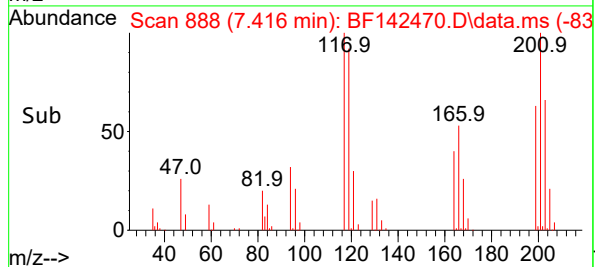
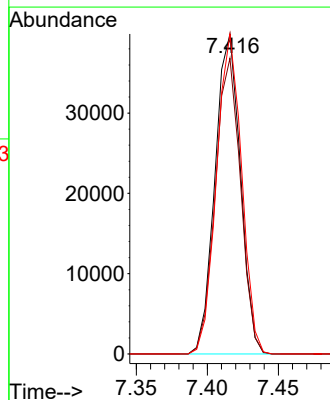
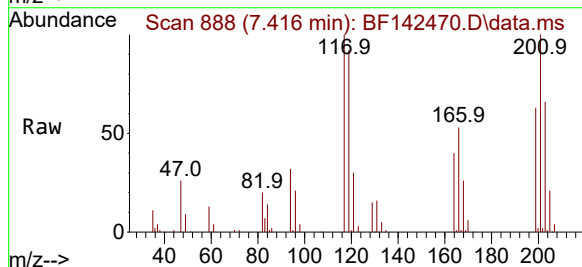
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

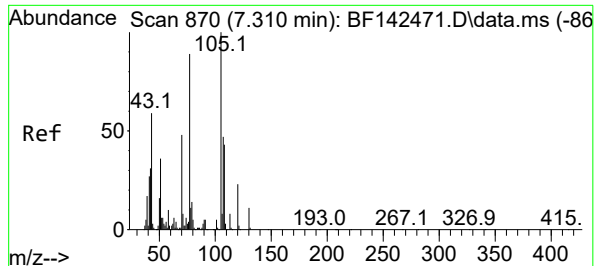
Tgt Ion:107 Resp: 97077
Ion Ratio Lower Upper
107 100
108 112.5 90.2 135.2
77 44.7 36.1 54.1
79 43.9 36.2 54.4



#18
Hexachloroethane
Concen: 20.617 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:117 Resp: 49500
Ion Ratio Lower Upper
117 100
119 92.4 76.6 114.8
201 99.9 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 20.328 ng

RT: 7.304 min Scan# 8

Delta R.T. -0.023 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 85172

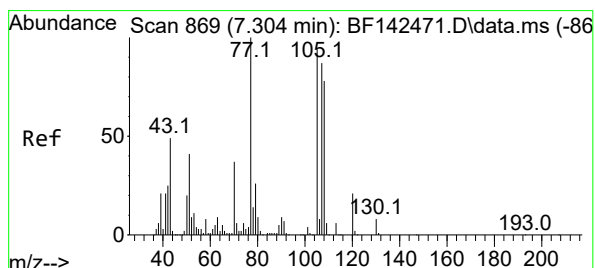
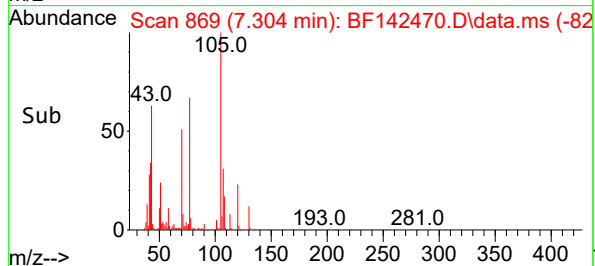
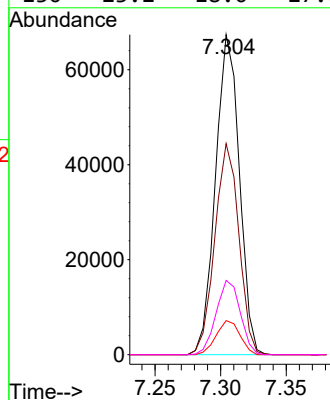
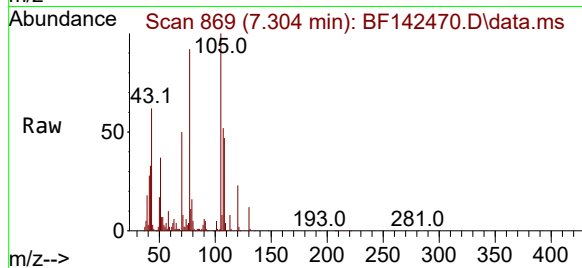
Ion Ratio Lower Upper

70 100

42 66.0 52.4 78.6

101 10.7 7.8 11.8

130 23.2 18.0 27.0



#20

3+4-Methylphenols

Concen: 20.685 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Tgt Ion:107 Resp: 126511

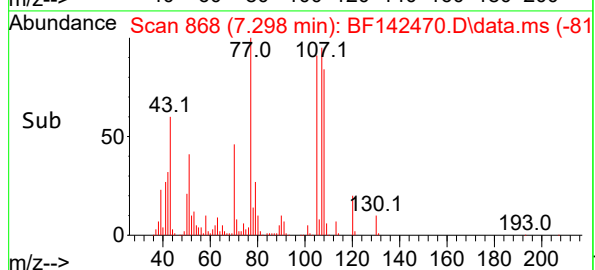
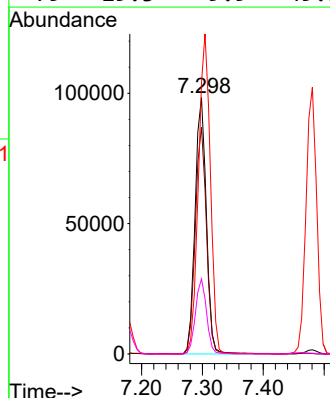
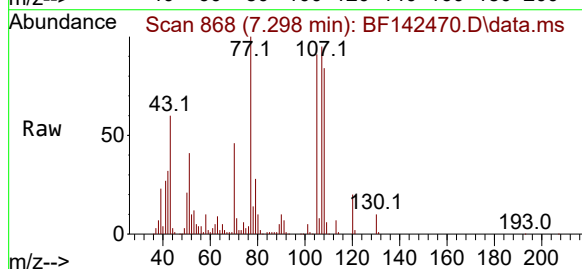
Ion Ratio Lower Upper

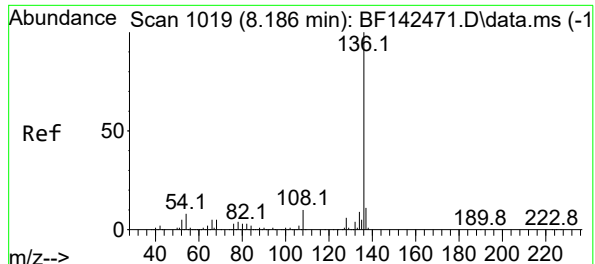
107 100

108 88.5 70.4 110.4

77 105.7 95.4 135.4

79 29.3 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 367495

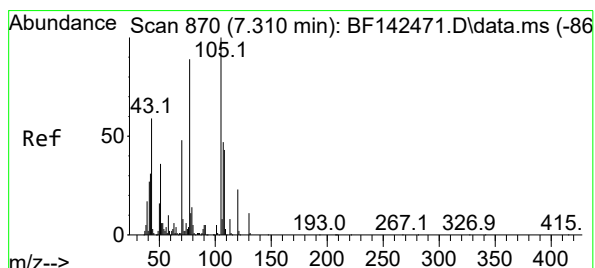
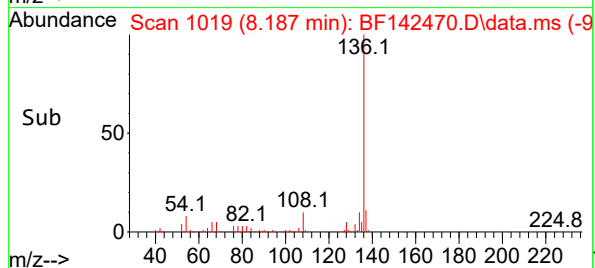
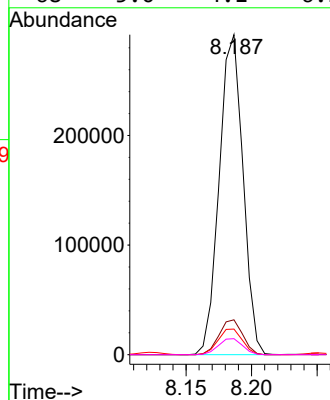
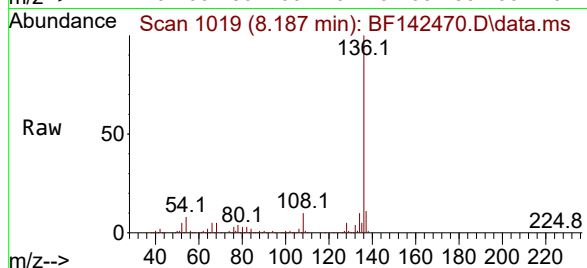
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.0 6.6 10.0

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 20.741 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Tgt Ion:105 Resp: 168730

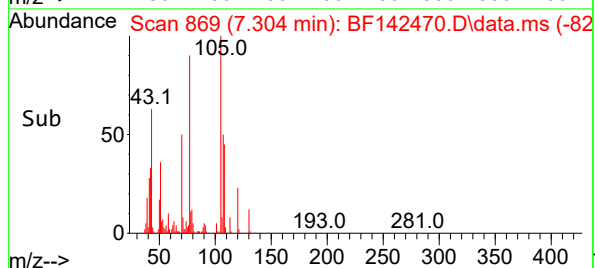
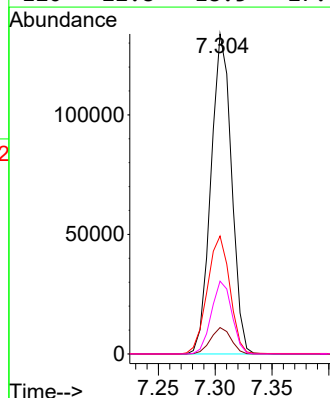
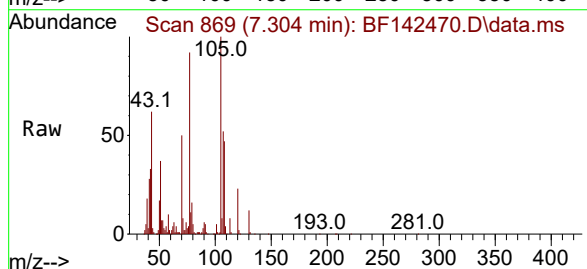
Ion Ratio Lower Upper

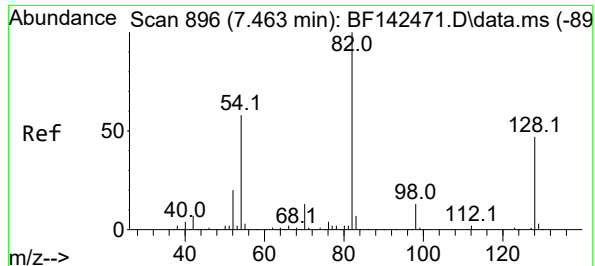
105 100

71 8.2 6.4 9.6

51 36.9 28.6 42.8

120 22.8 18.5 27.7





#23

Nitrobenzene-d5

Concen: 41.326 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

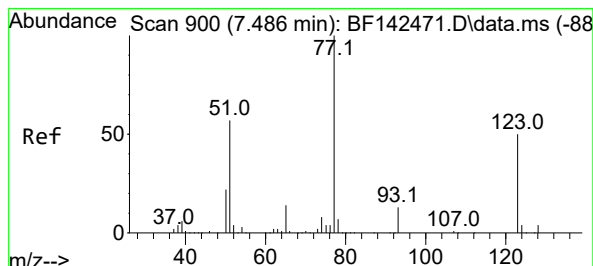
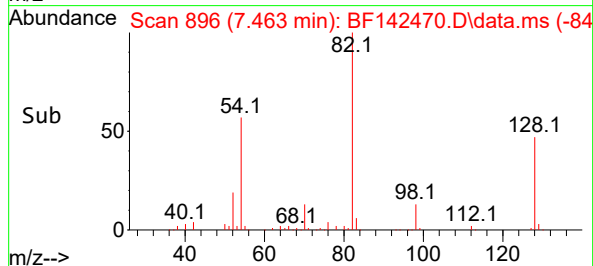
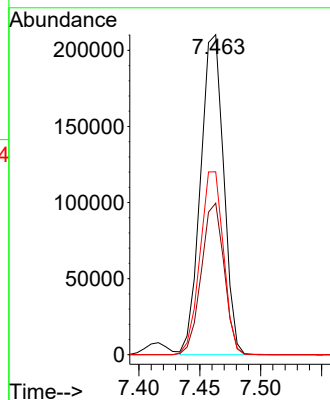
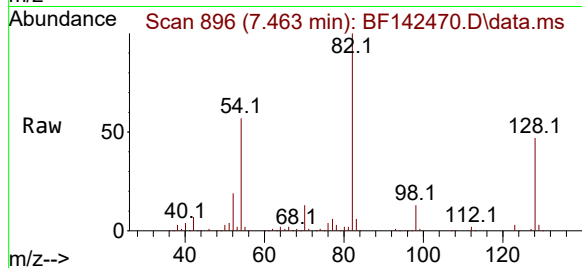
Tgt Ion: 82 Resp: 278514

Ion Ratio Lower Upper

82 100

128 47.3 37.4 56.2

54 57.2 46.6 70.0



#24

Nitrobenzene

Concen: 20.433 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

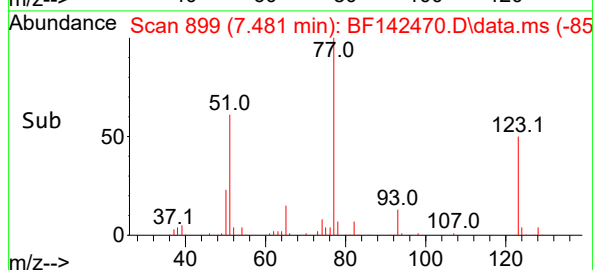
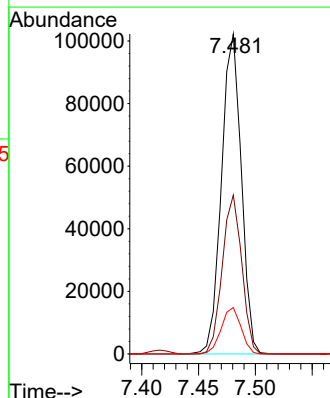
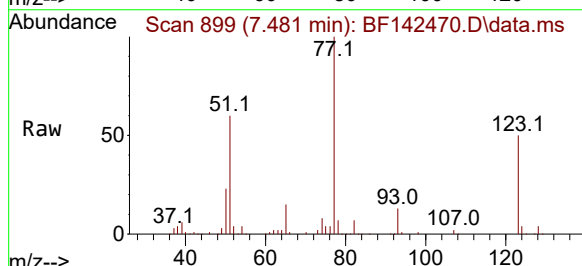
Tgt Ion: 77 Resp: 124202

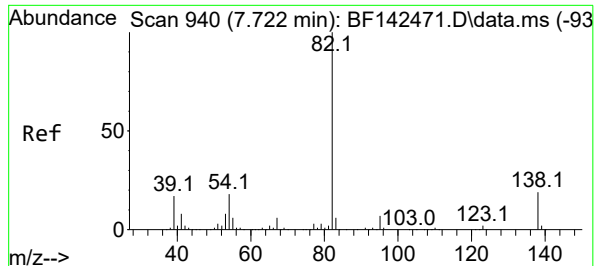
Ion Ratio Lower Upper

77 100

123 49.6 40.6 61.0

65 14.5 11.4 17.2





#25

Isophorone

Concen: 20.225 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

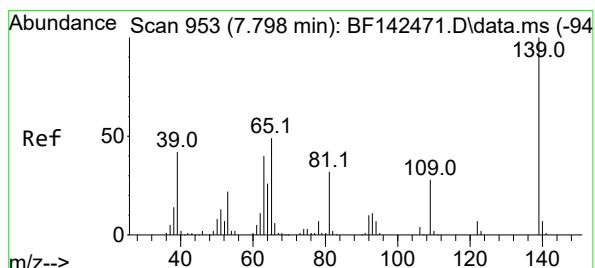
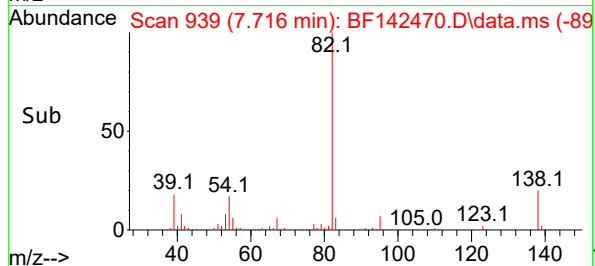
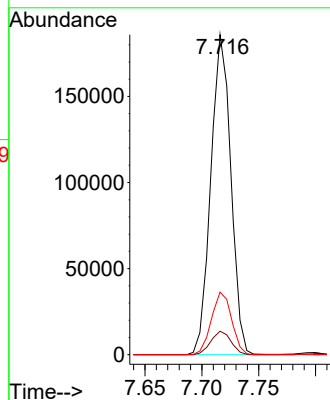
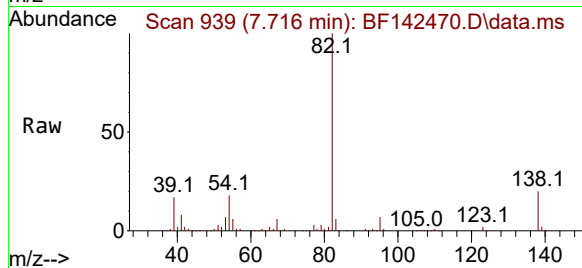
Tgt Ion: 82 Resp: 227891

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

138 19.6 15.5 23.3



#26

2-Nitrophenol

Concen: 20.361 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

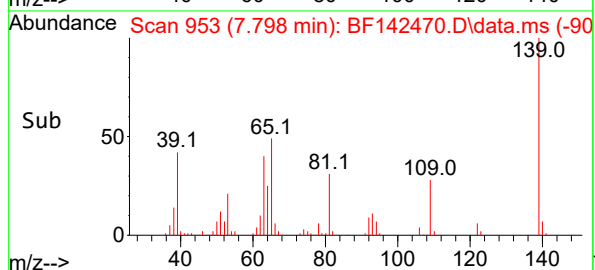
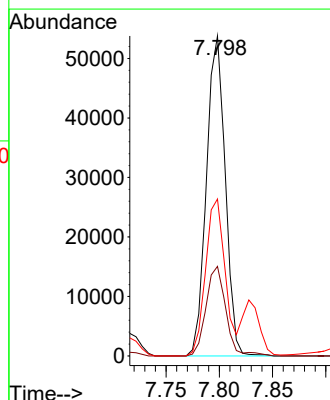
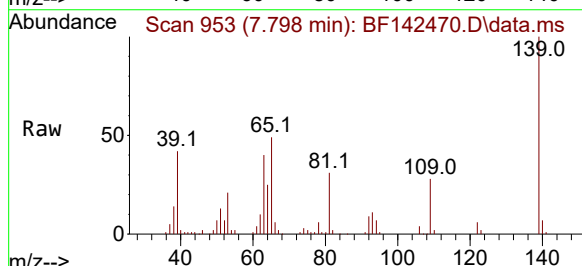
Tgt Ion:139 Resp: 66130

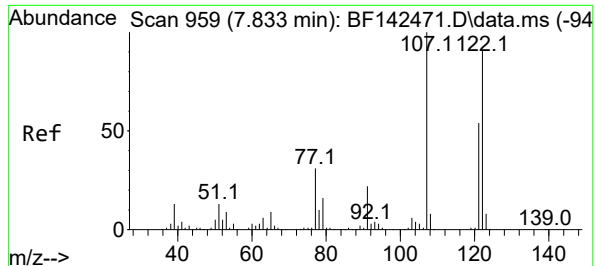
Ion Ratio Lower Upper

139 100

109 28.0 22.6 33.8

65 49.1 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 20.412 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

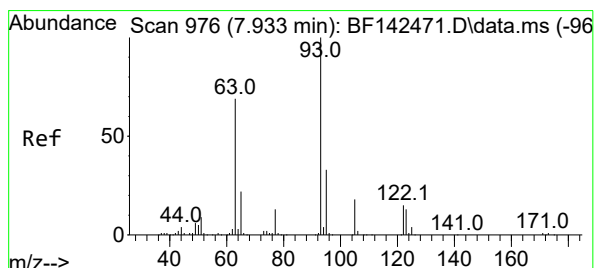
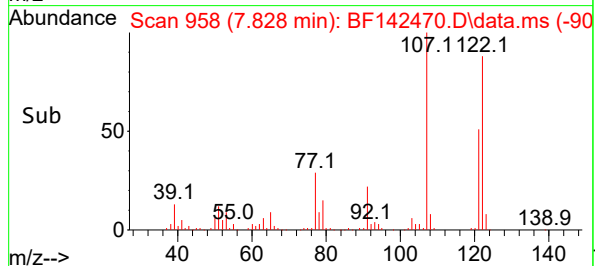
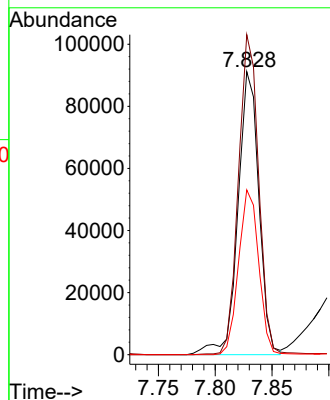
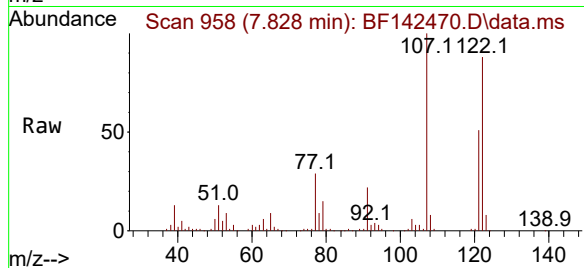
Tgt Ion:122 Resp: 116913

Ion Ratio Lower Upper

122 100

107 113.0 88.1 132.1

121 58.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 20.593 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

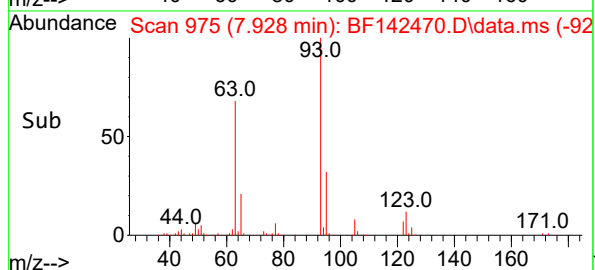
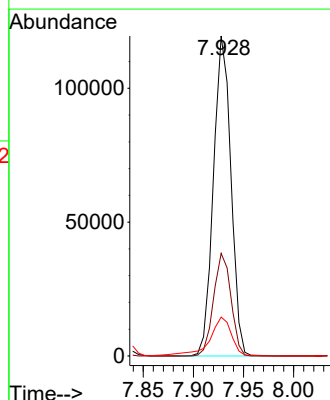
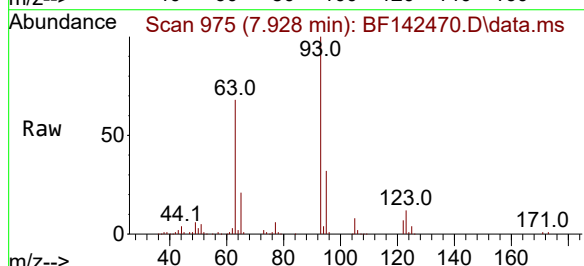
Tgt Ion: 93 Resp: 144952

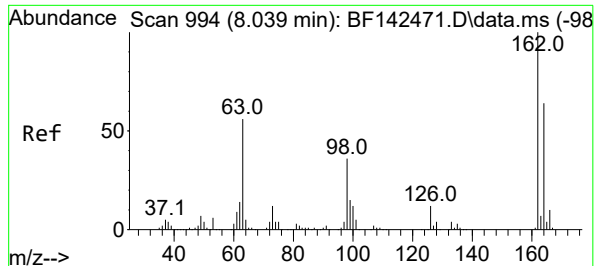
Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

123 12.2 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 20.462 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

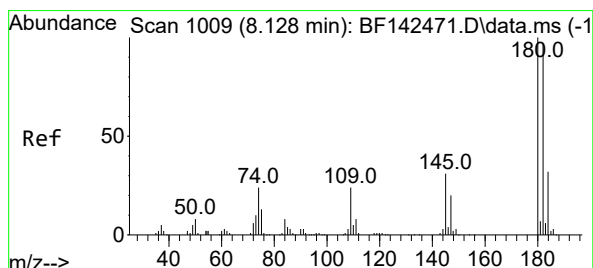
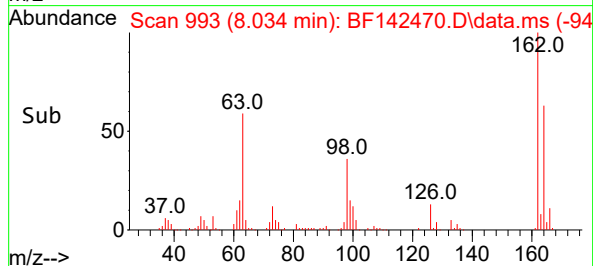
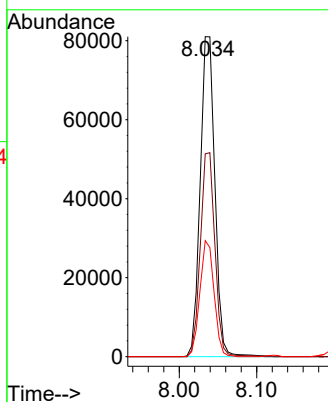
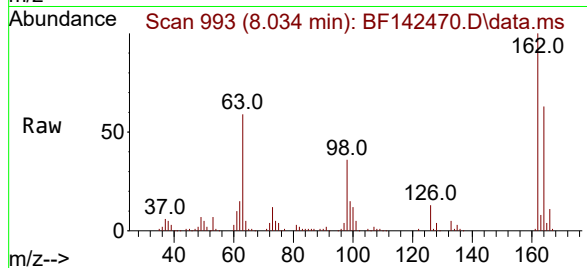
Tgt Ion:162 Resp: 106584

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 36.3 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 20.638 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

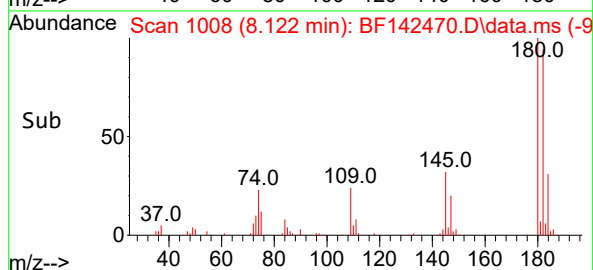
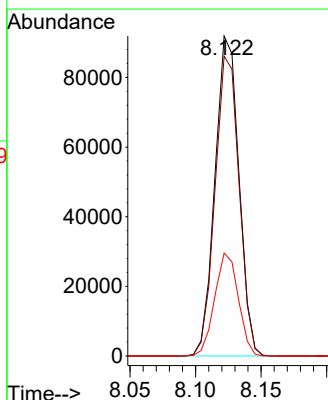
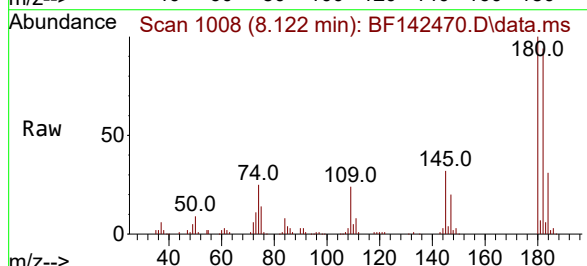
Tgt Ion:180 Resp: 116666

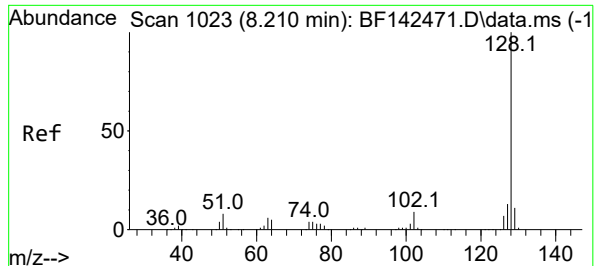
Ion Ratio Lower Upper

180 100

182 93.7 78.0 117.0

145 32.2 25.0 37.6





#31

Naphthalene

Concen: 20.713 ng

RT: 8.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

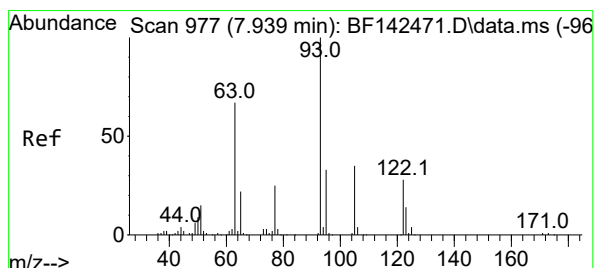
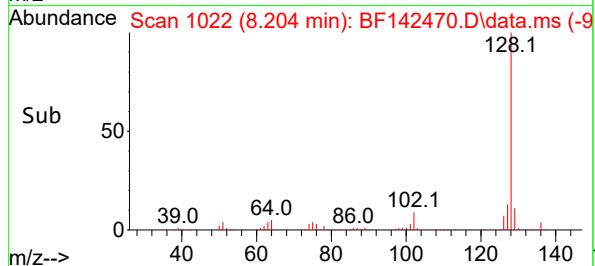
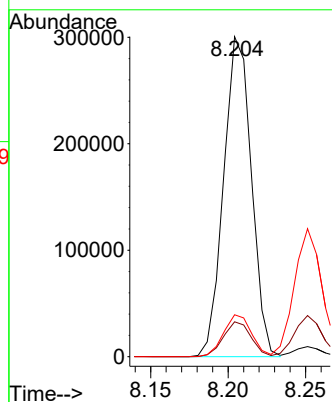
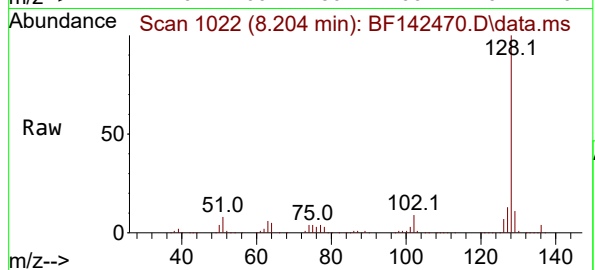
Tgt Ion:128 Resp: 374799

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 18.586 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.065 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

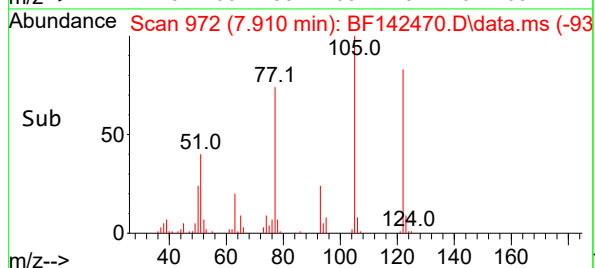
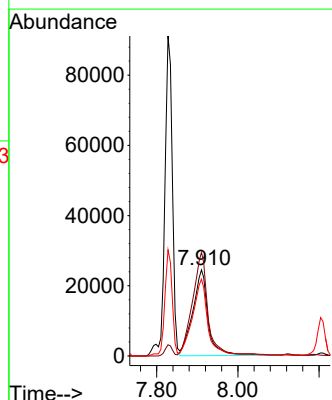
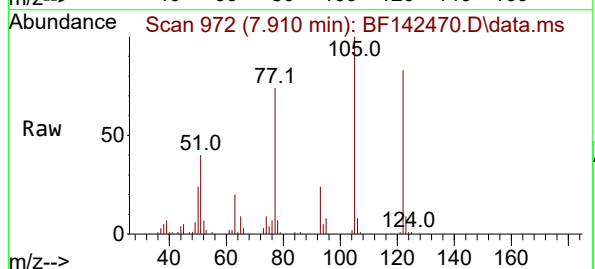
Tgt Ion:122 Resp: 64801

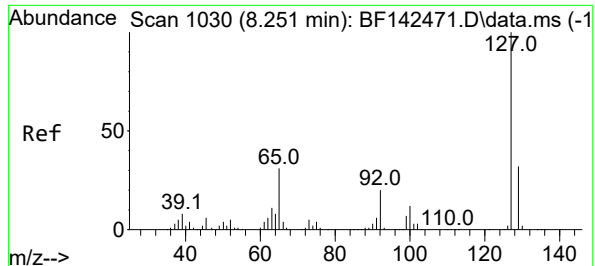
Ion Ratio Lower Upper

122 100

105 120.5 101.7 141.7

77 89.3 69.5 109.5





#33

4-Chloroaniline

Concen: 20.853 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 152901

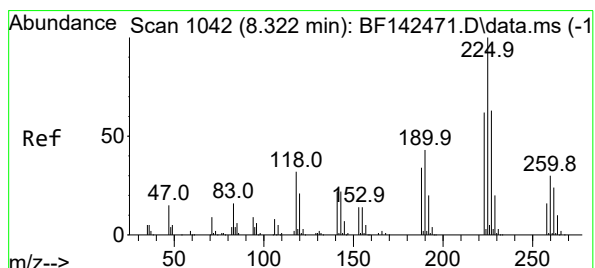
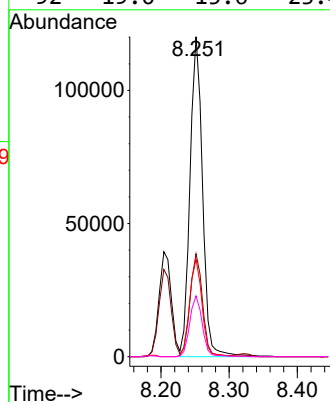
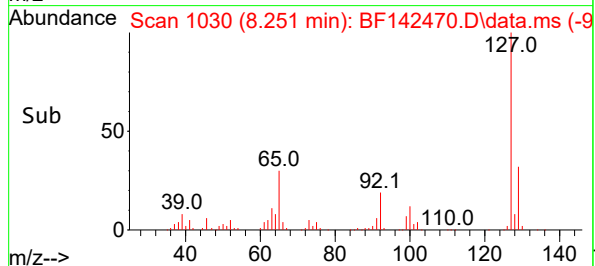
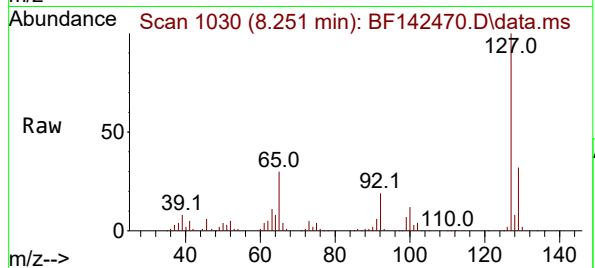
Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 30.4 24.9 37.3

92 19.0 15.6 23.4



#34

Hexachlorobutadiene

Concen: 20.523 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

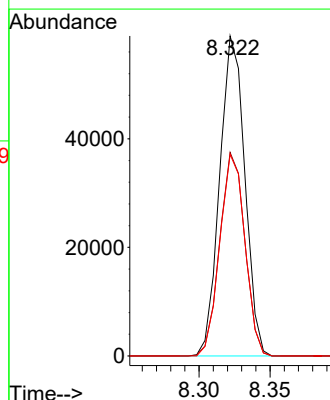
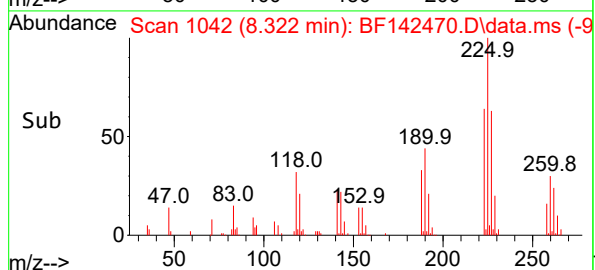
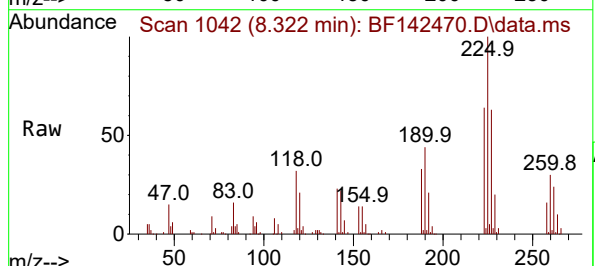
Tgt Ion:225 Resp: 72441

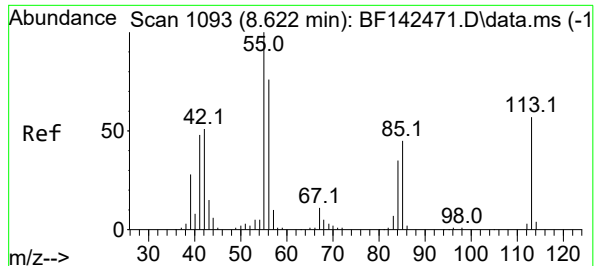
Ion Ratio Lower Upper

225 100

223 63.6 49.7 74.5

227 63.0 50.3 75.5





#35

Caprolactam

Concen: 20.762 ng

RT: 8.598 min Scan# 1089

Delta R.T. -0.047 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

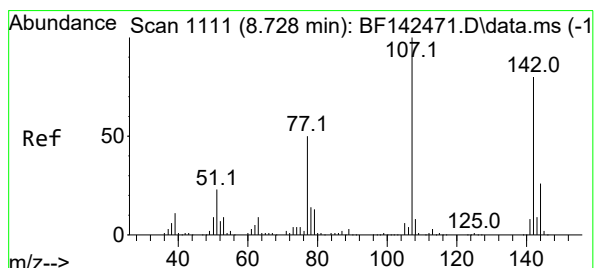
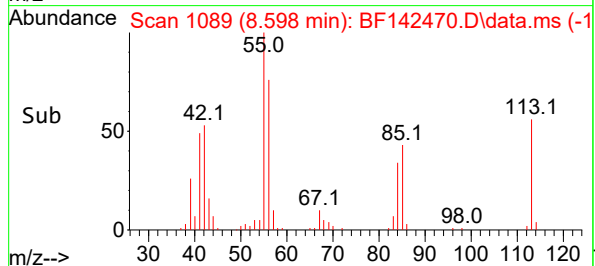
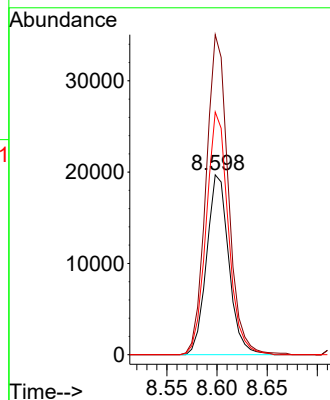
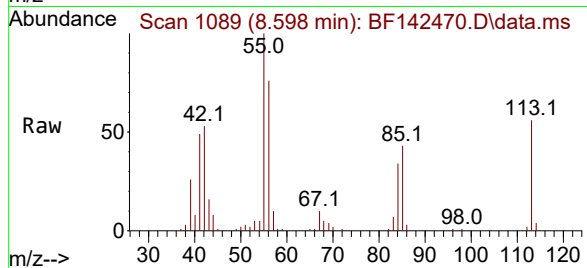
Tgt Ion:113 Resp: 30374

Ion Ratio Lower Upper

113 100

55 178.0 154.7 194.7

56 135.0 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 20.567 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

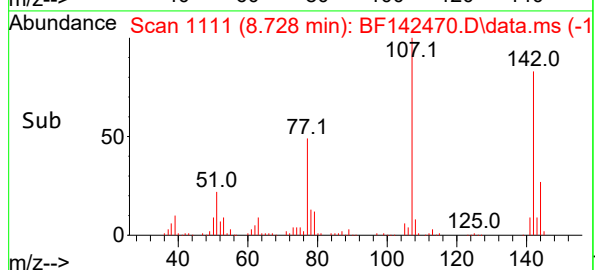
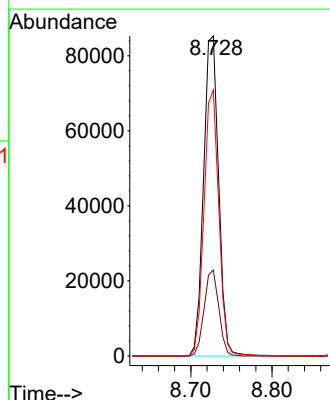
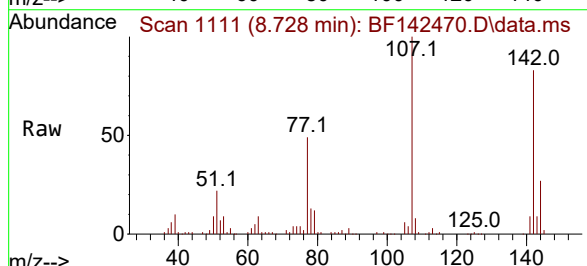
Tgt Ion:107 Resp: 109793

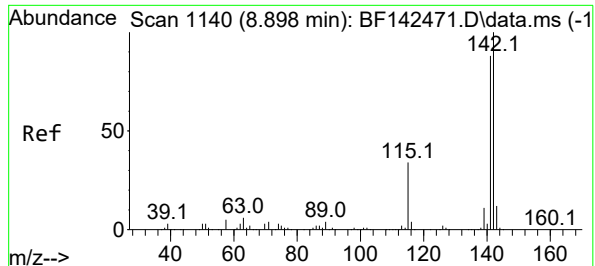
Ion Ratio Lower Upper

107 100

144 26.9 20.9 31.3

142 83.1 64.2 96.2

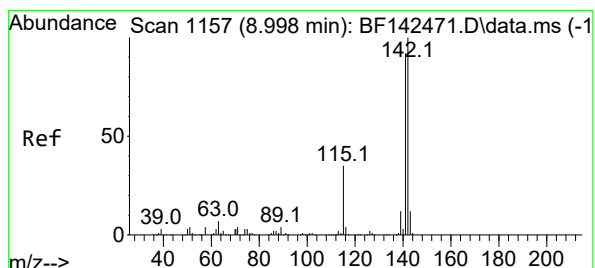
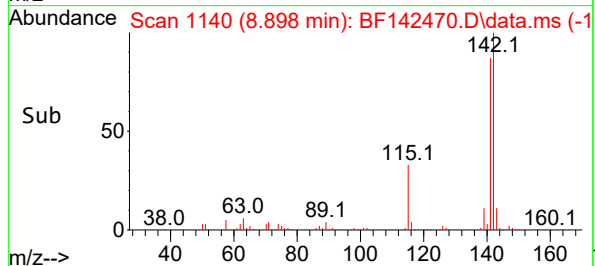
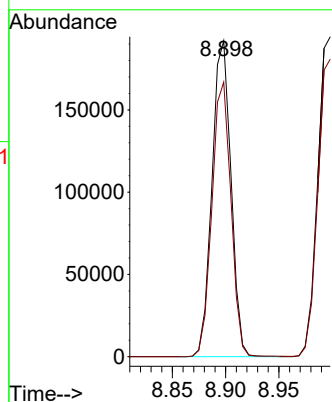
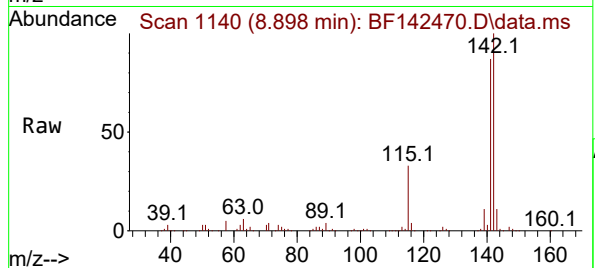




#37
2-Methylnaphthalene
Concen: 20.849 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

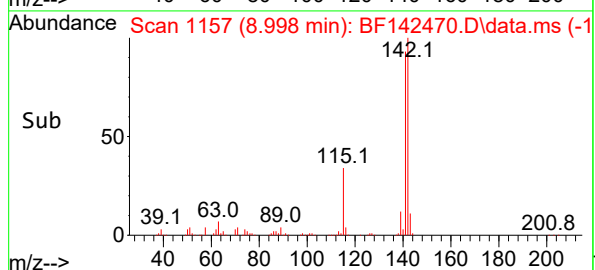
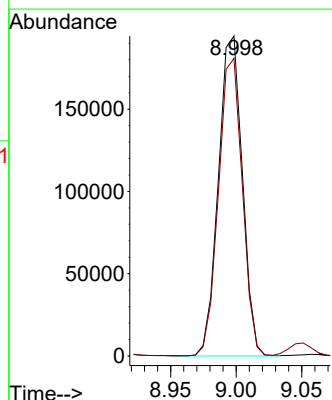
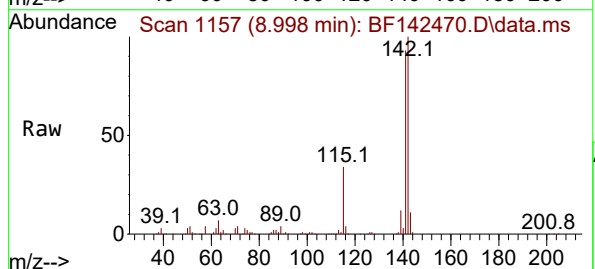
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

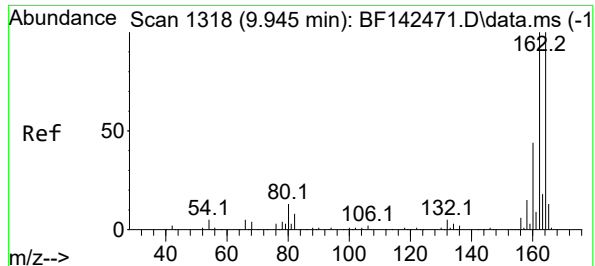
Tgt Ion:142 Resp: 237350
Ion Ratio Lower Upper
142 100
141 86.9 70.7 106.1



#38
1-Methylnaphthalene
Concen: 20.961 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:142 Resp: 246831
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

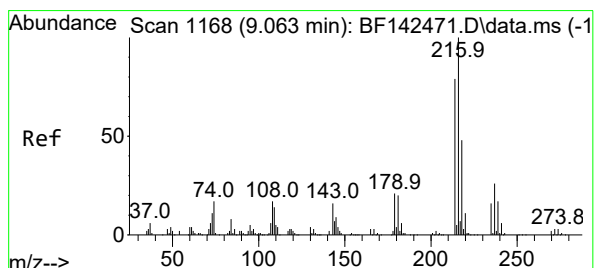
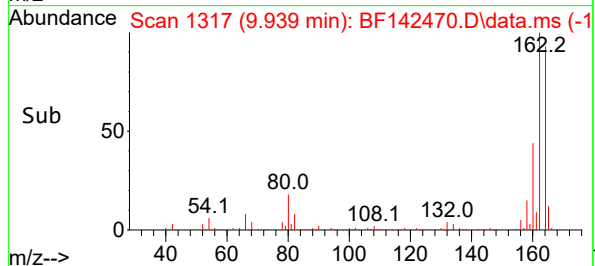
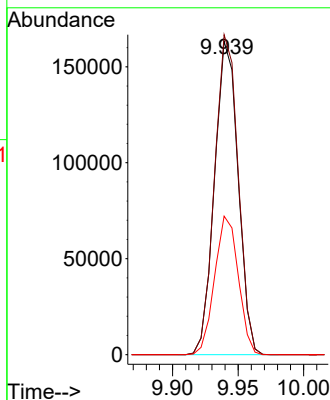
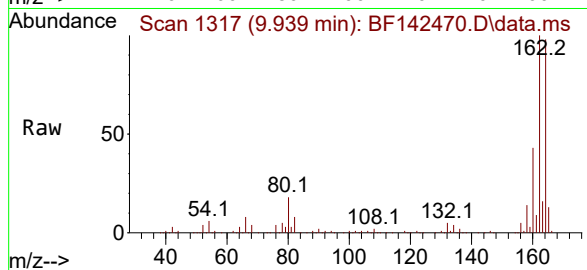
Tgt Ion:164 Resp: 204113

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.4

160 44.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.477 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Tgt Ion:216 Resp: 119980

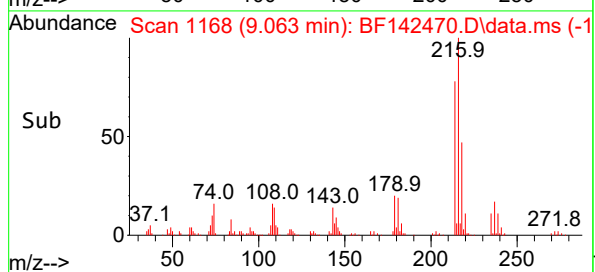
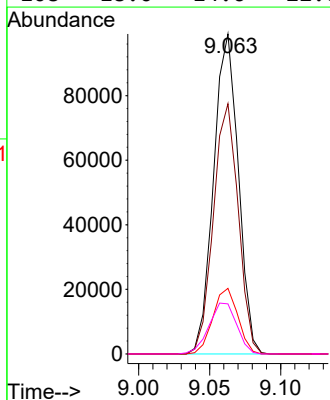
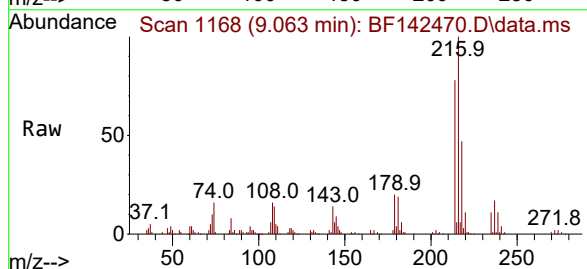
Ion Ratio Lower Upper

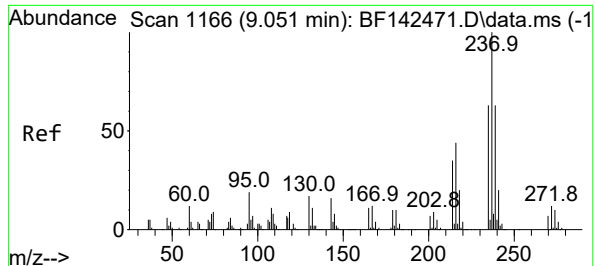
216 100

214 78.4 62.9 94.3

179 20.7 16.9 25.3

108 18.0 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 19.796 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

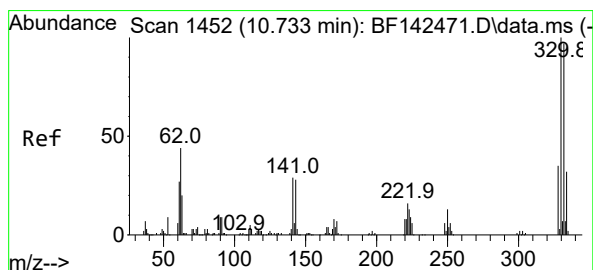
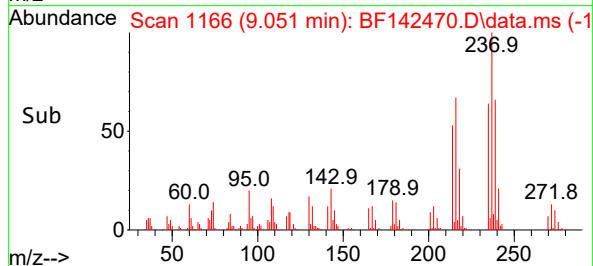
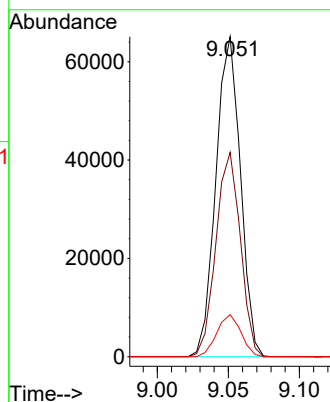
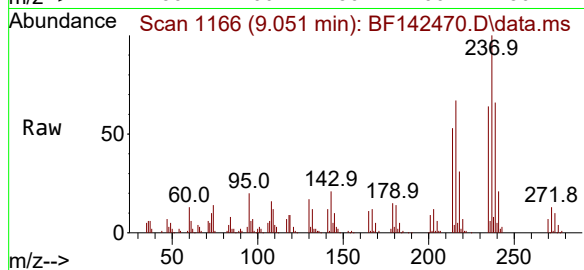
Tgt Ion:237 Resp: 78243

Ion Ratio Lower Upper

237 100

235 63.8 43.3 83.3

272 13.2 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 42.171 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

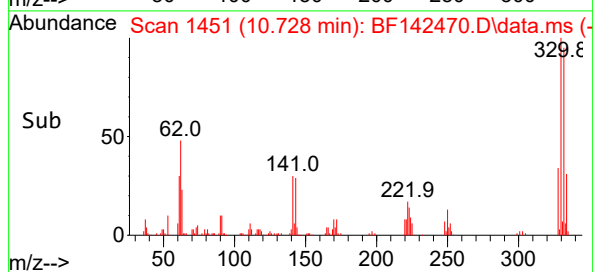
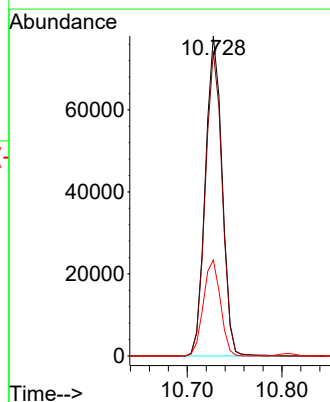
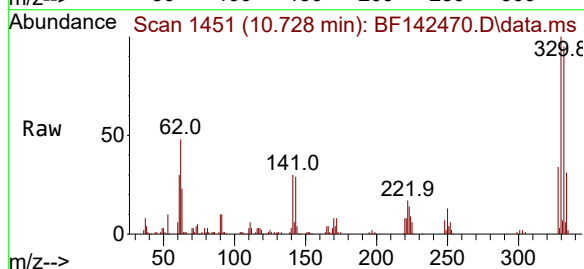
Tgt Ion:330 Resp: 95535

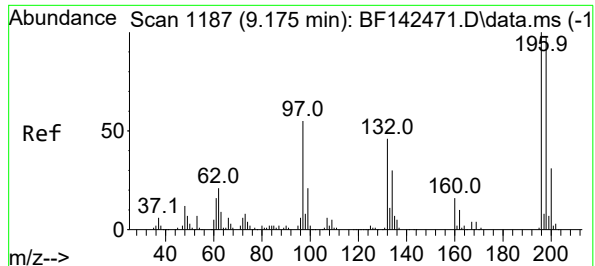
Ion Ratio Lower Upper

330 100

332 95.2 77.6 116.4

141 30.4 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 20.971 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142470.D

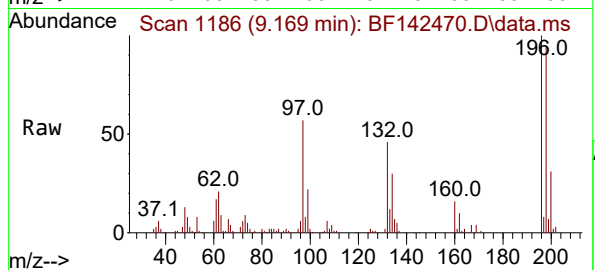
Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



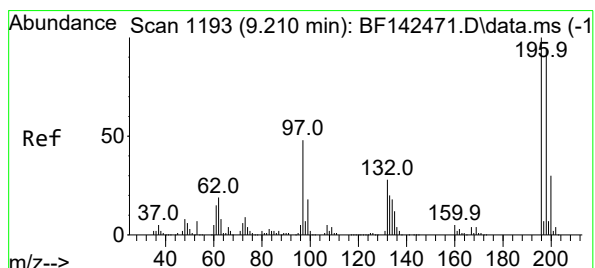
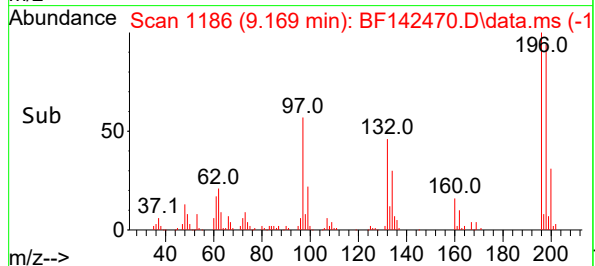
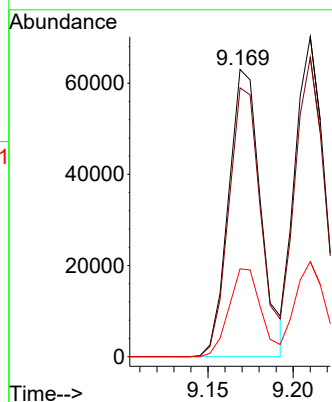
Tgt Ion:196 Resp: 82857

Ion Ratio Lower Upper

196 100

198 93.6 78.8 118.2

200 30.6 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 20.383 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Tgt Ion:196 Resp: 84935

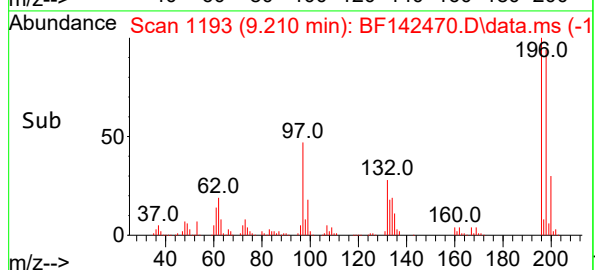
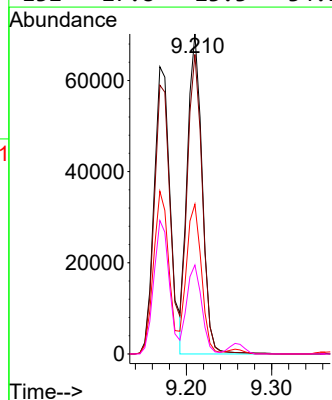
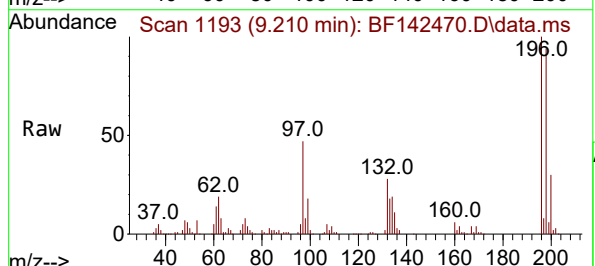
Ion Ratio Lower Upper

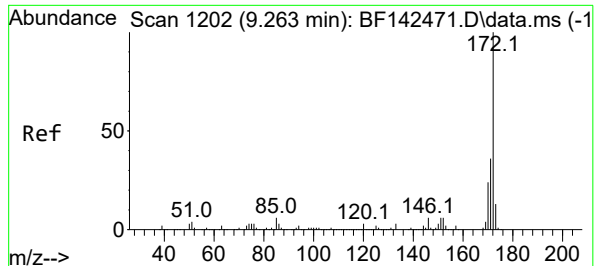
196 100

198 93.6 75.5 113.3

97 46.8 39.3 58.9

132 27.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 41.799 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

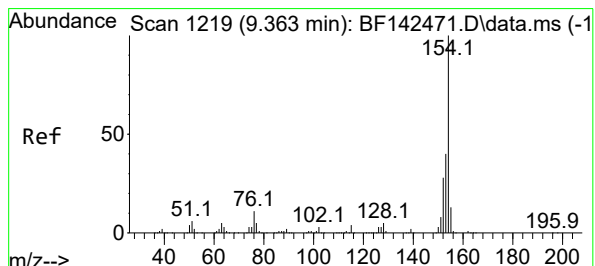
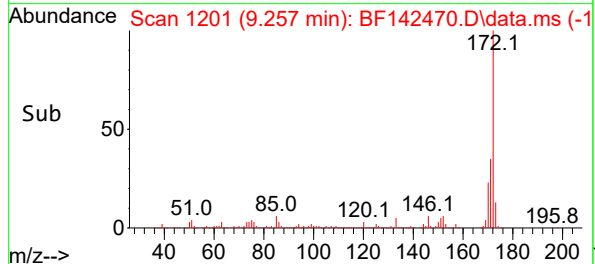
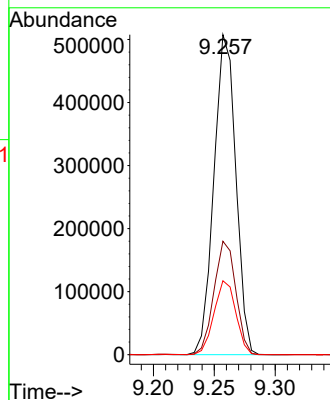
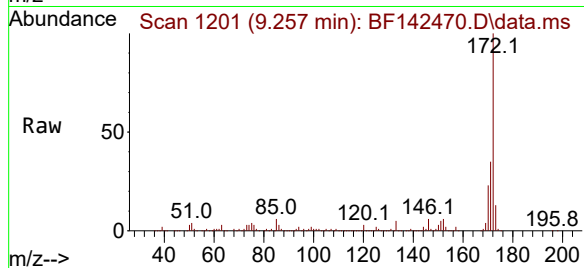
Tgt Ion:172 Resp: 635813

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 20.553 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

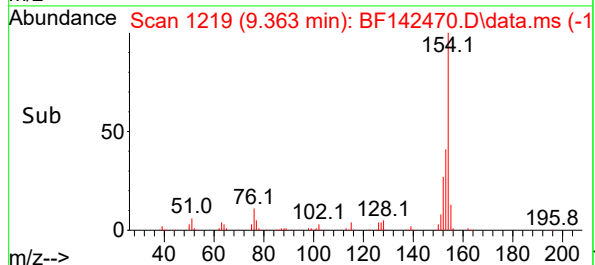
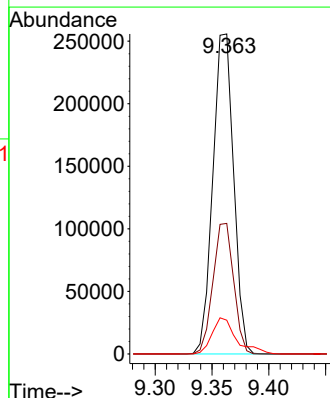
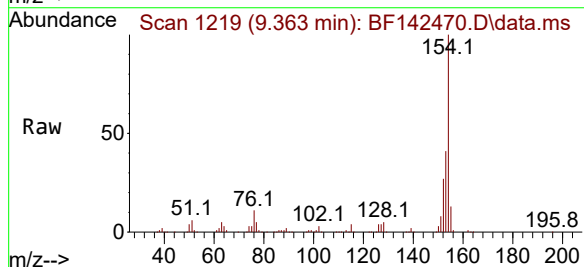
Tgt Ion:154 Resp: 325474

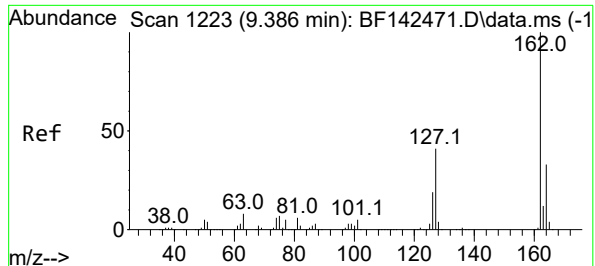
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 20.526 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142470.D

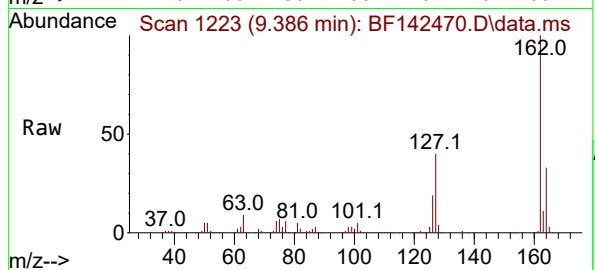
Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



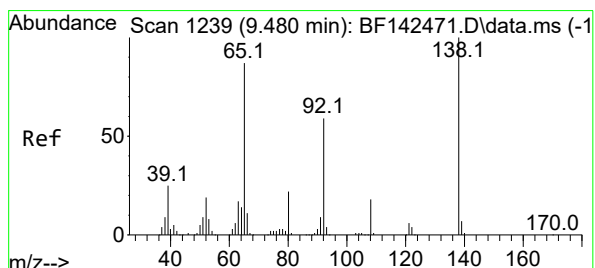
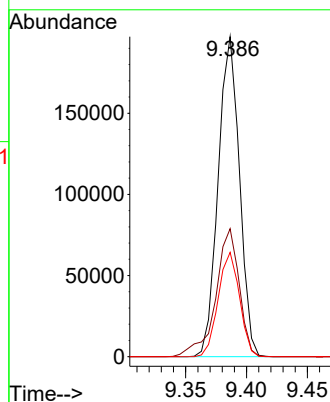
Tgt Ion:162 Resp: 240148

Ion Ratio Lower Upper

162 100

127 40.0 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 20.424 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

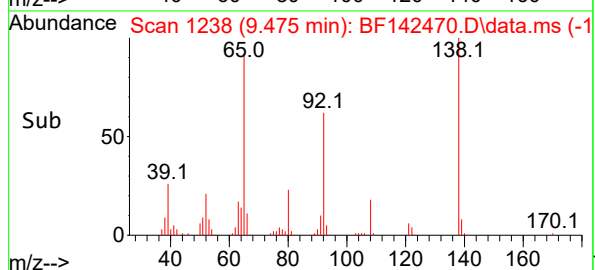
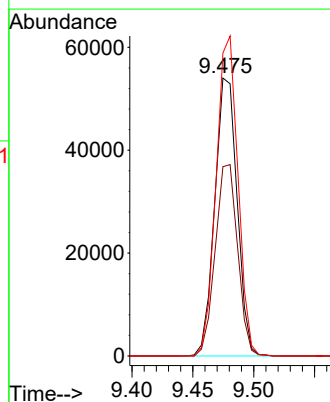
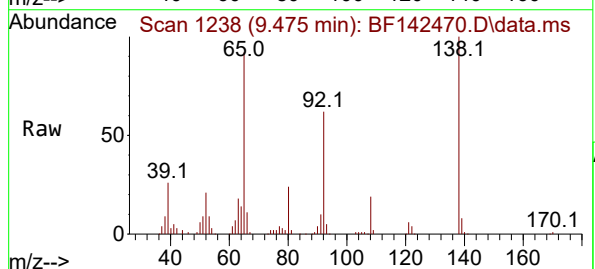
Tgt Ion: 65 Resp: 69068

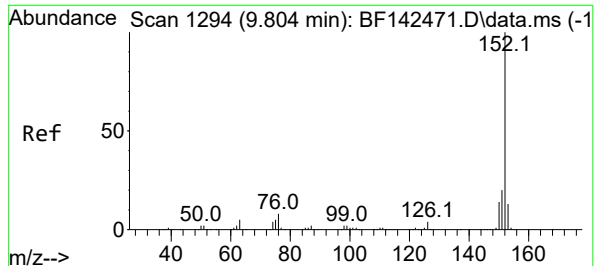
Ion Ratio Lower Upper

65 100

92 68.1 54.4 81.6

138 109.0 91.4 137.2





#49

Acenaphthylene

Concen: 20.945 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

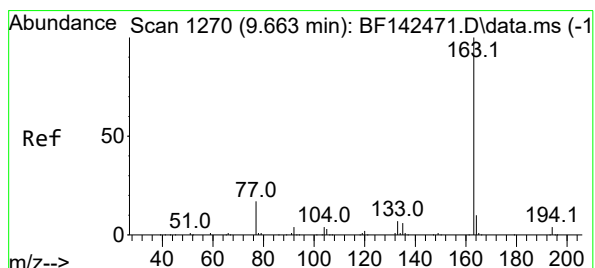
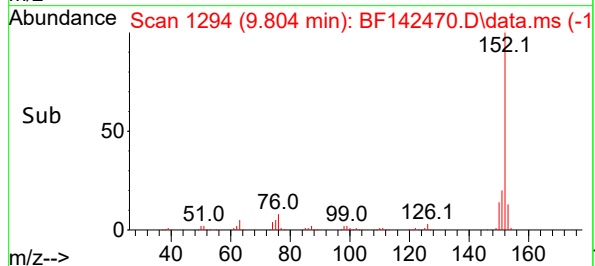
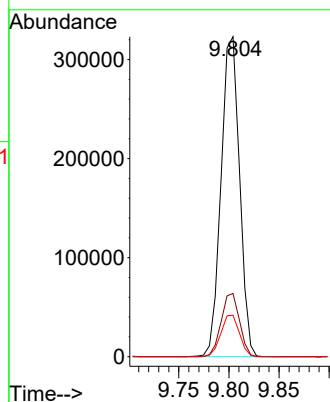
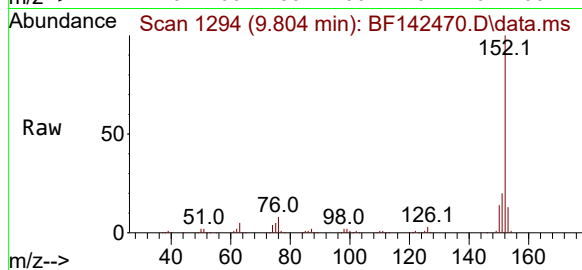
Tgt Ion:152 Resp: 413782

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 20.724 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

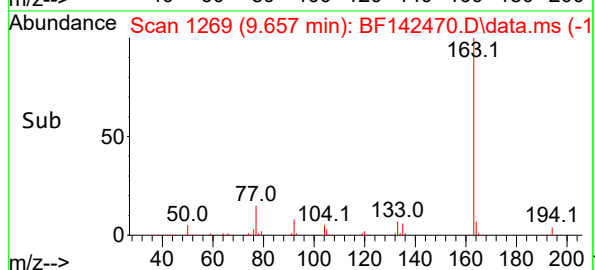
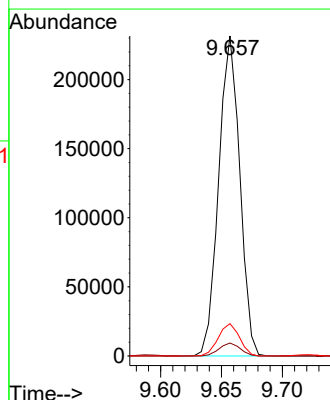
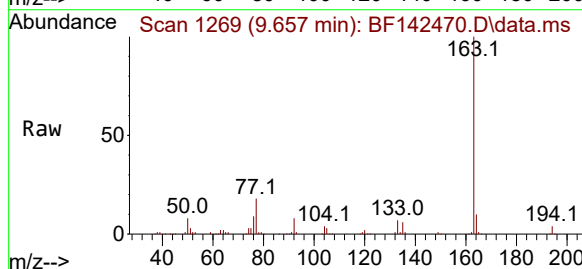
Tgt Ion:163 Resp: 279113

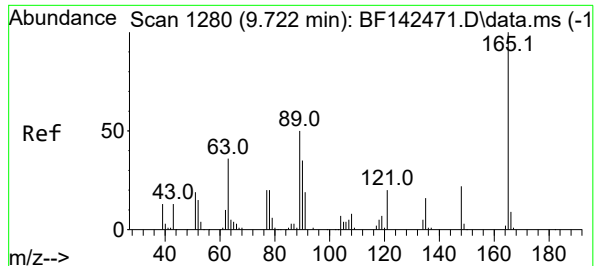
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 8.2 12.4

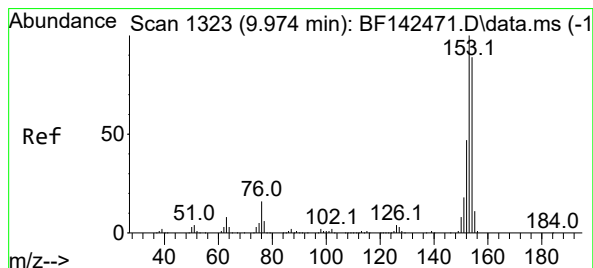
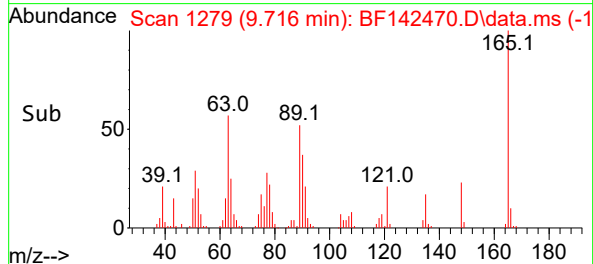
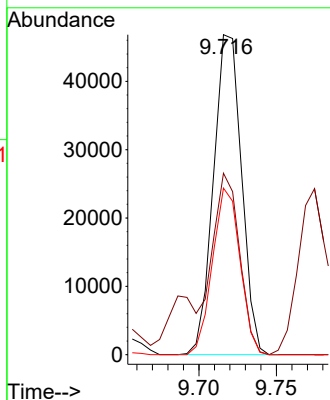
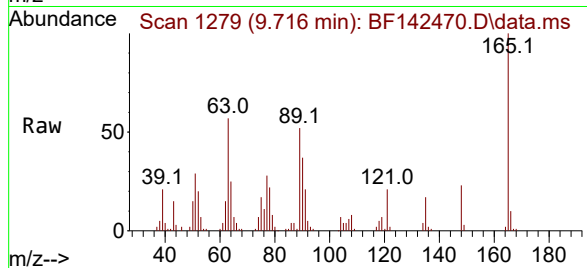




#51
2,6-Dinitrotoluene
Concen: 20.308 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

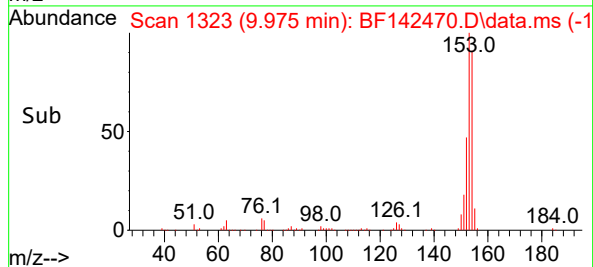
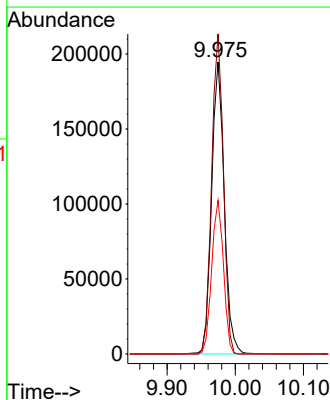
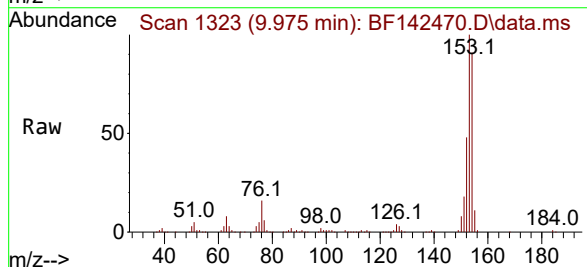
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

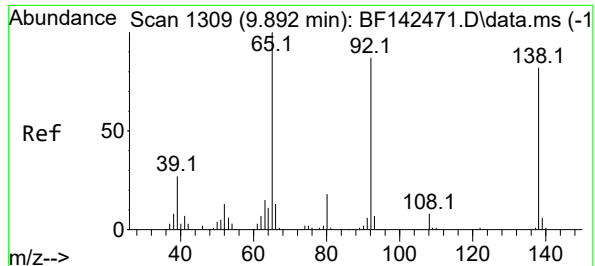
Tgt Ion:165 Resp: 59031
Ion Ratio Lower Upper
165 100
63 56.7 42.9 64.3
89 52.1 40.2 60.4



#52
Acenaphthene
Concen: 20.764 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:154 Resp: 250487
Ion Ratio Lower Upper
154 100
153 109.6 90.0 135.0
152 52.6 42.6 64.0





#53

3-Nitroaniline

Concen: 21.055 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

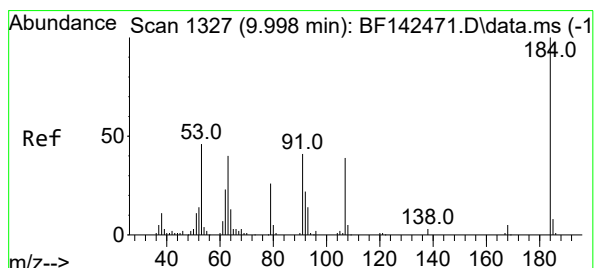
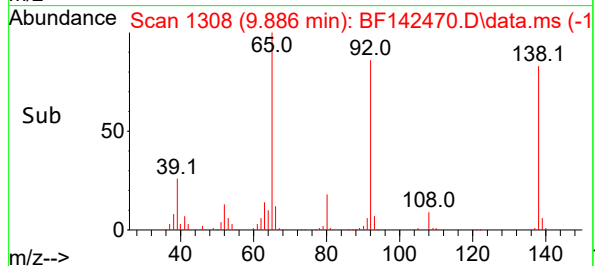
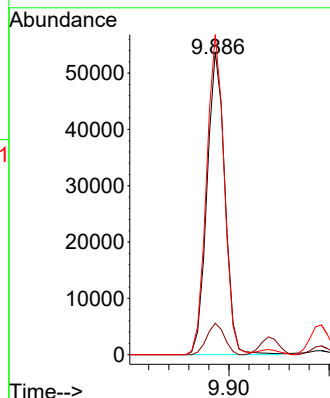
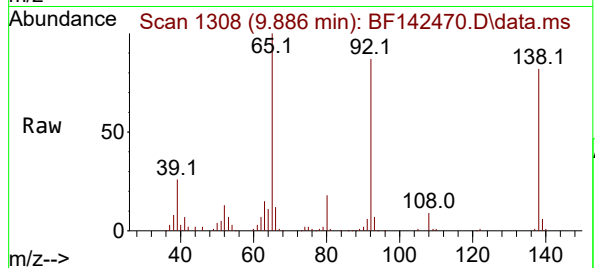
Tgt Ion:138 Resp: 66847

Ion Ratio Lower Upper

138 100

108 10.4 8.1 12.1

92 105.6 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 18.553 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

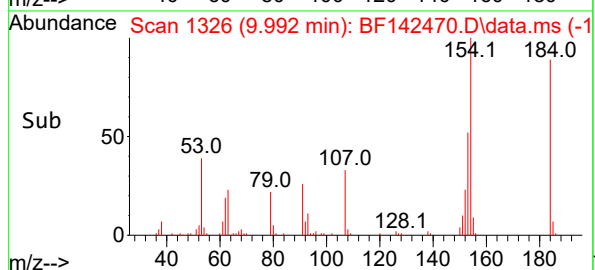
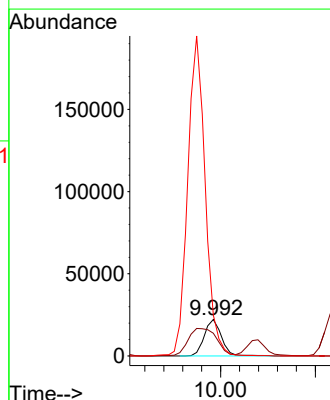
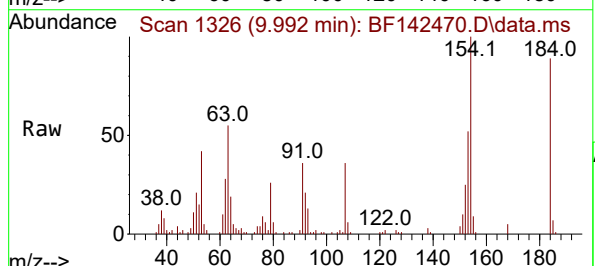
Tgt Ion:184 Resp: 27863

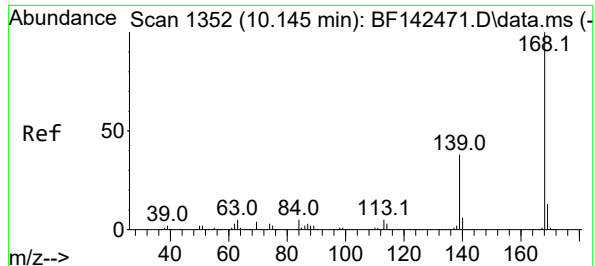
Ion Ratio Lower Upper

184 100

63 62.4 46.3 69.5

154 112.6 56.8 85.2#





#55

Dibenzofuran

Concen: 20.792 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

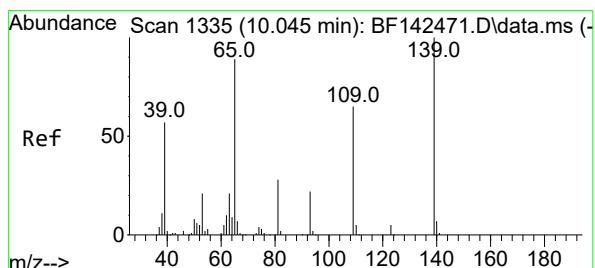
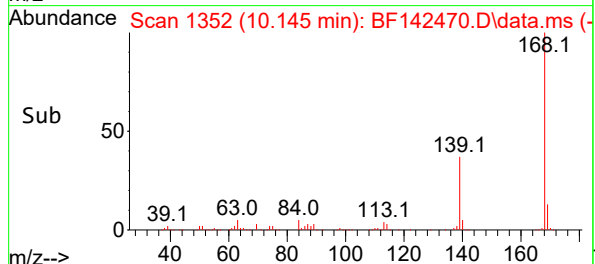
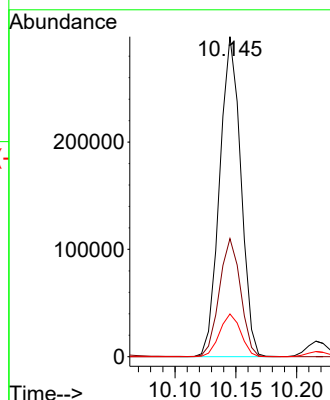
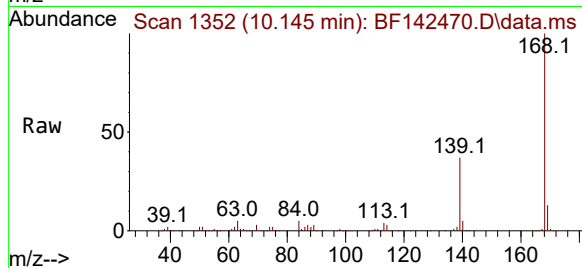
Tgt Ion:168 Resp: 360936

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.2

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 21.067 ng

RT: 10.039 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

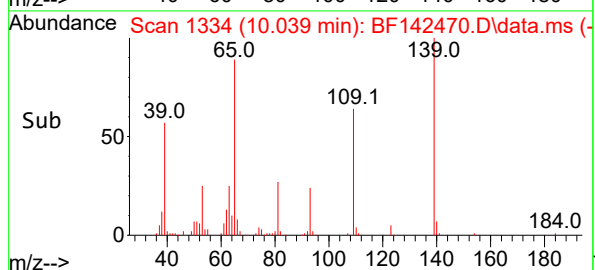
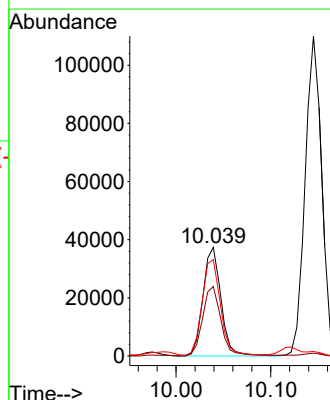
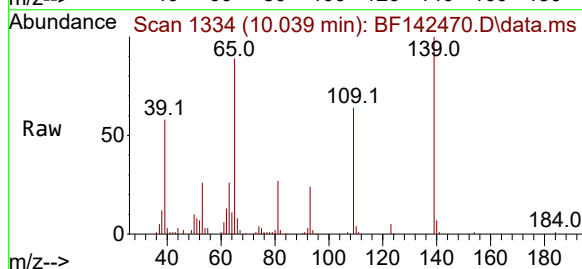
Tgt Ion:139 Resp: 49352

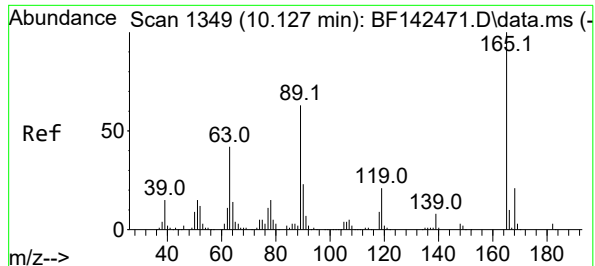
Ion Ratio Lower Upper

139 100

109 63.9 45.1 85.1

65 88.7 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 20.827 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 79063

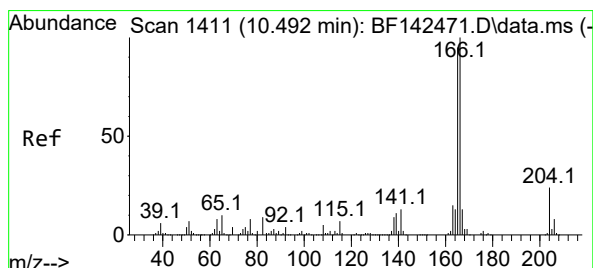
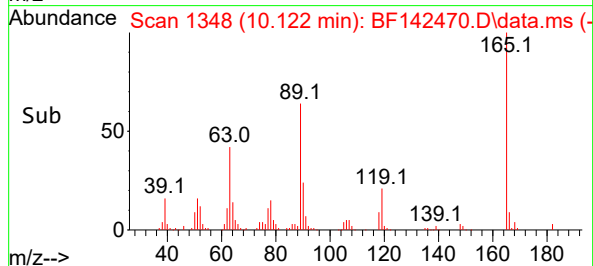
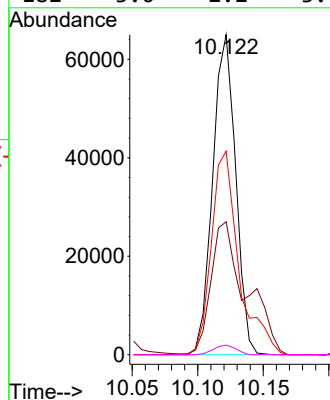
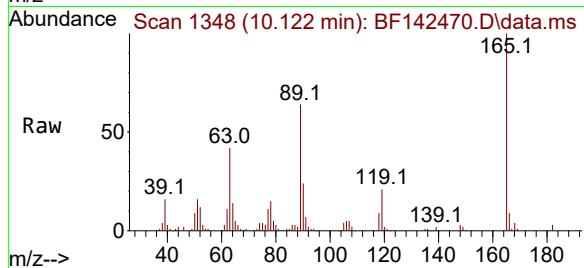
Ion Ratio Lower Upper

165 100

63 41.5 33.6 50.4

89 63.6 50.2 75.4

182 3.0 2.2 3.4



#58

Fluorene

Concen: 20.878 ng

RT: 10.486 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

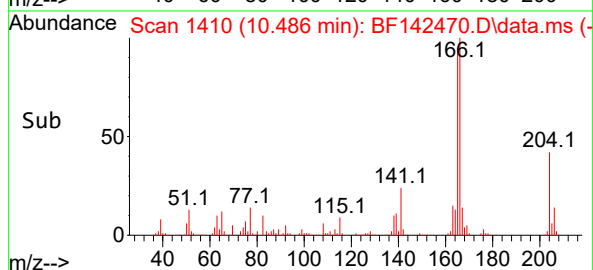
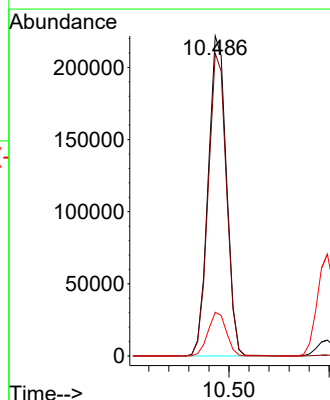
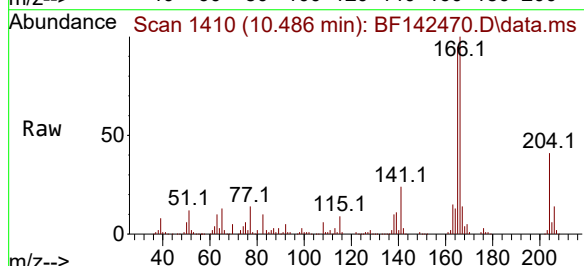
Tgt Ion:166 Resp: 279994

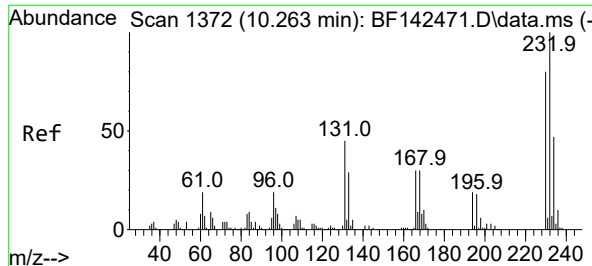
Ion Ratio Lower Upper

166 100

165 94.5 75.8 113.8

167 13.6 10.6 16.0

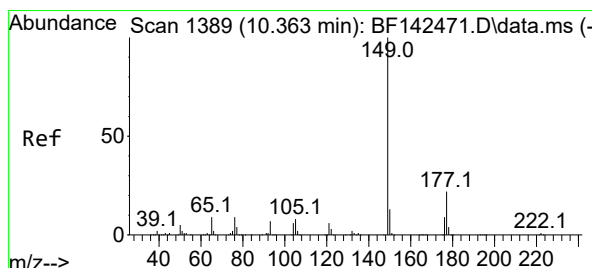
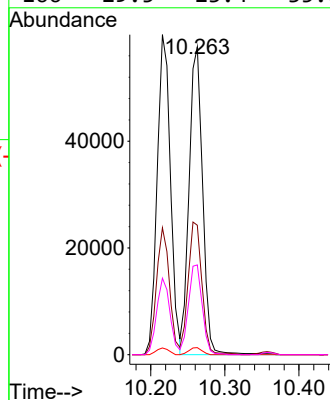
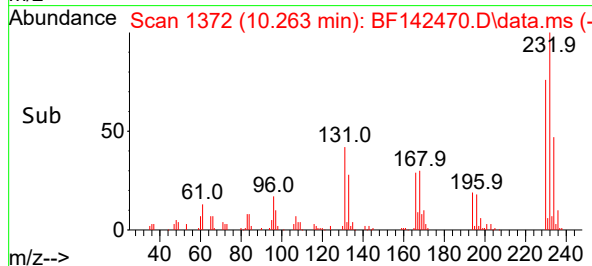
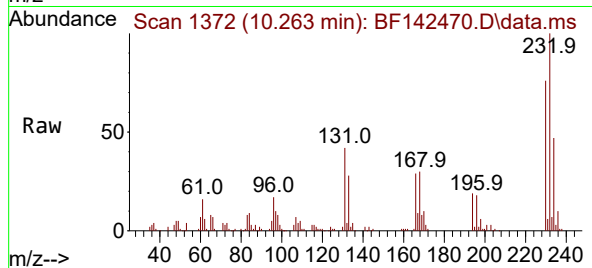




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.140 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

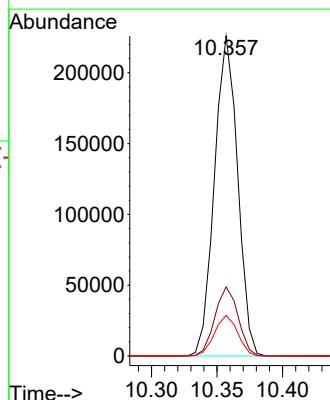
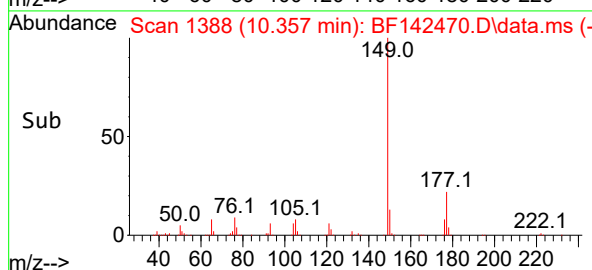
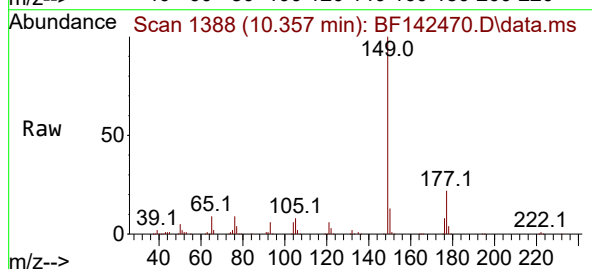
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

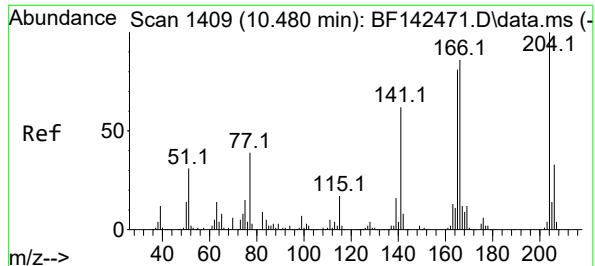
Tgt Ion:232 Resp: 73538
Ion Ratio Lower Upper
232 100
131 43.7 35.2 52.8
130 2.2 1.7 2.5
166 29.5 23.4 35.0



#60
Diethylphthalate
Concen: 21.084 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 277325
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.7 10.1 15.1

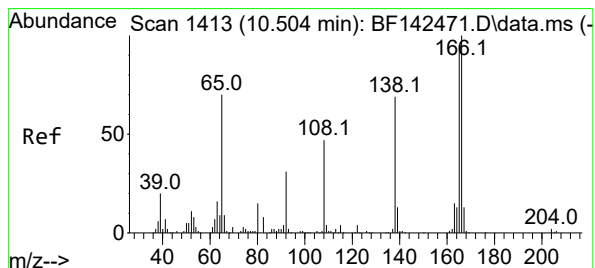
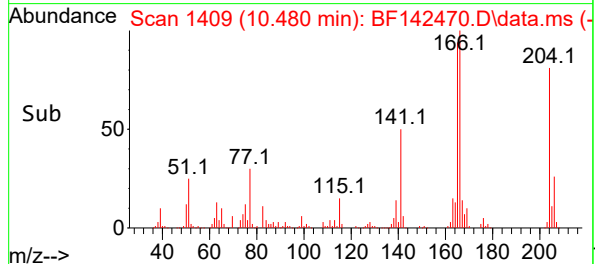
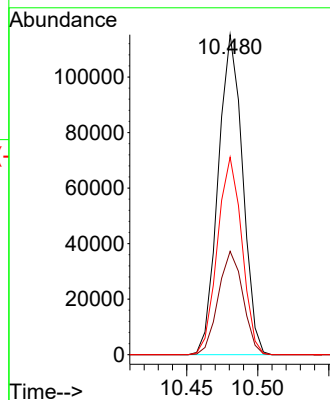
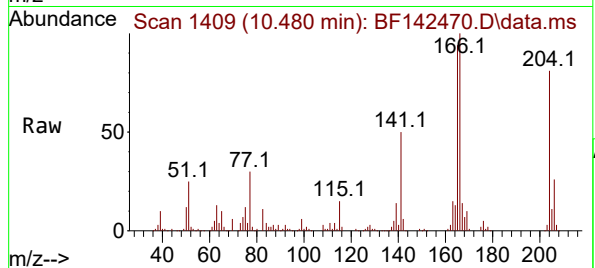




#61
4-Chlorophenyl-phenylether
Concen: 20.944 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

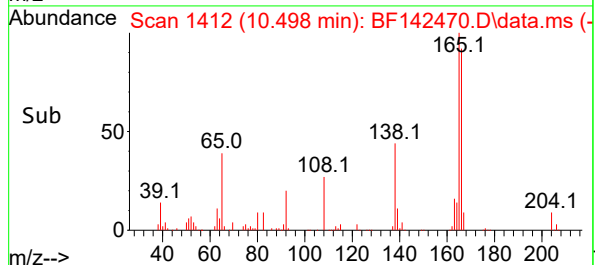
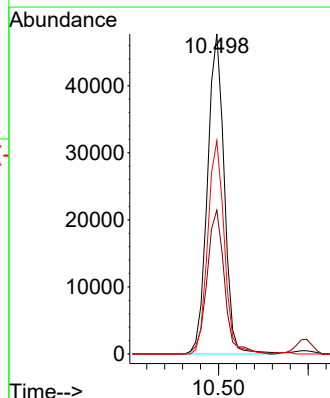
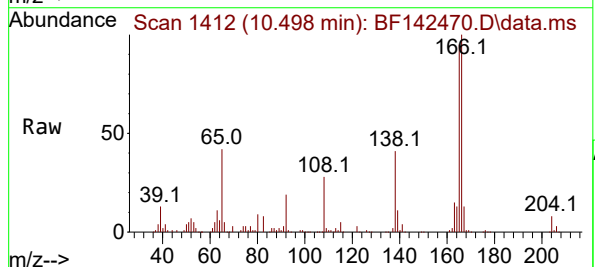
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

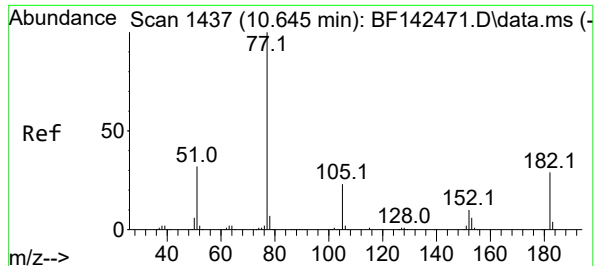
Tgt Ion:204 Resp: 137985
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 61.7 49.5 74.3



#62
4-Nitroaniline
Concen: 21.481 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:138 Resp: 61856
Ion Ratio Lower Upper
138 100
92 44.9 26.0 66.0
108 66.7 48.4 88.4

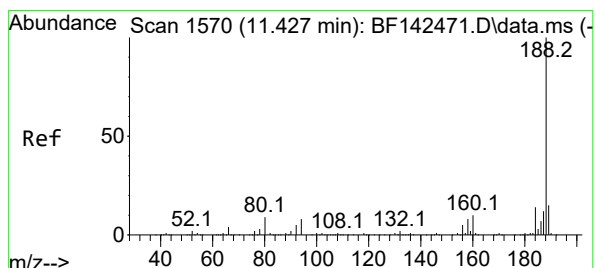
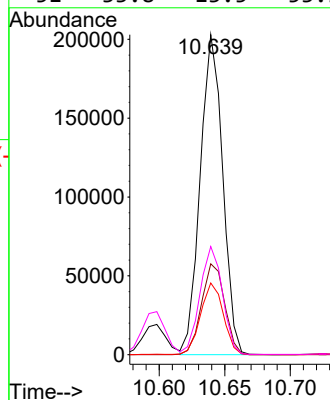
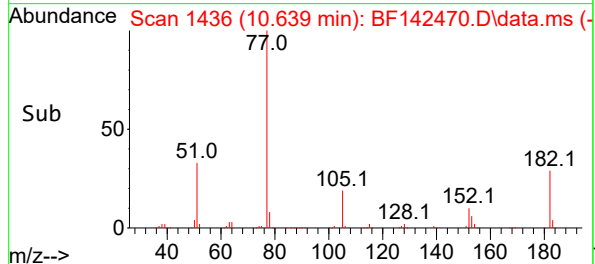
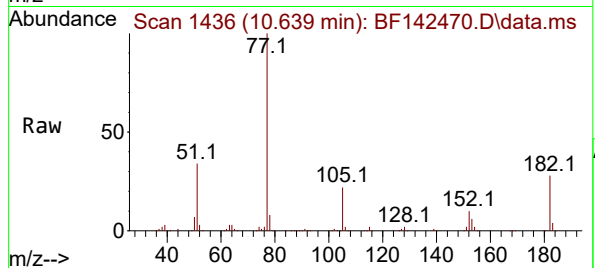




#63
Azobenzene
Concen: 20.530 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

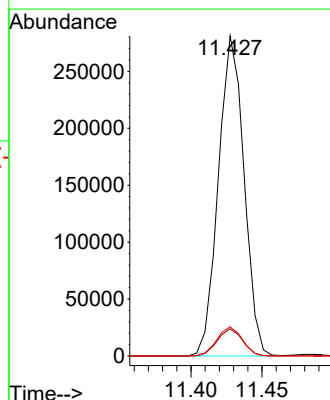
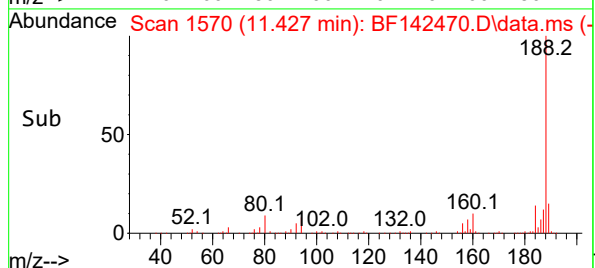
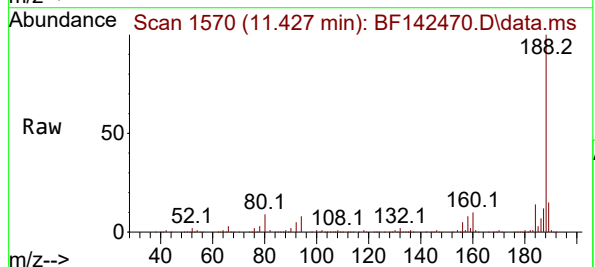
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

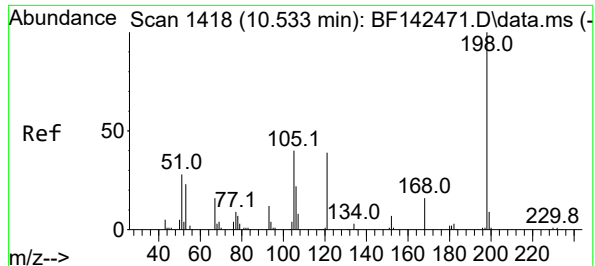
Tgt Ion: 77 Resp: 242545
Ion Ratio Lower Upper
77 100
182 28.4 9.0 49.0
105 22.4 2.4 42.4
51 33.8 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 188 Resp: 353003
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.1 7.4 11.0

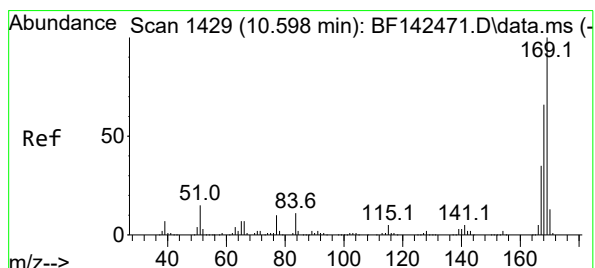
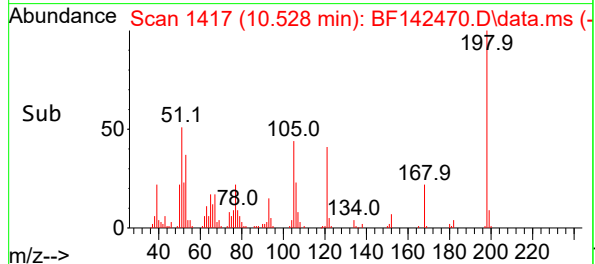
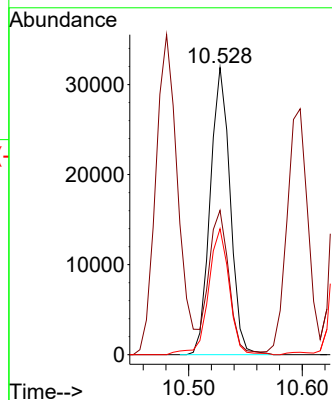
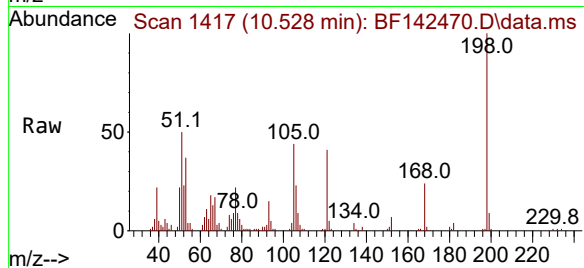




#65
4,6-Dinitro-2-methylphenol
Concen: 19.673 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

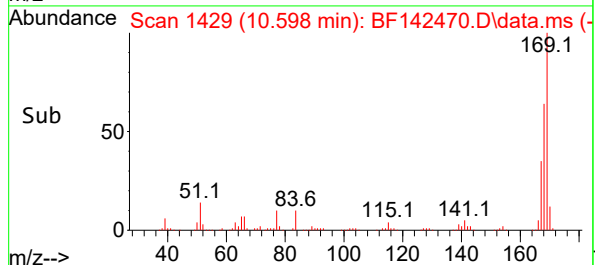
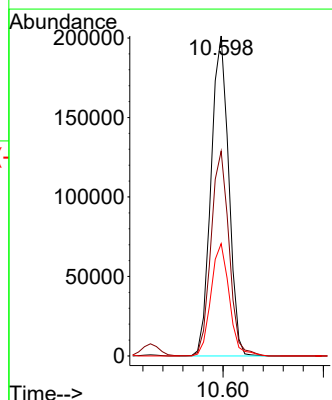
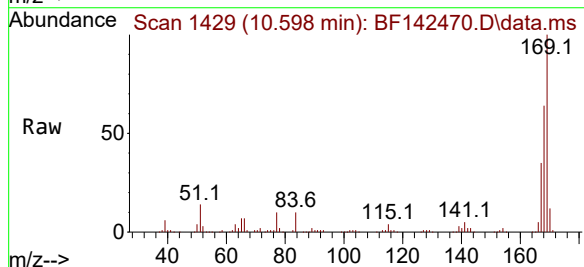
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

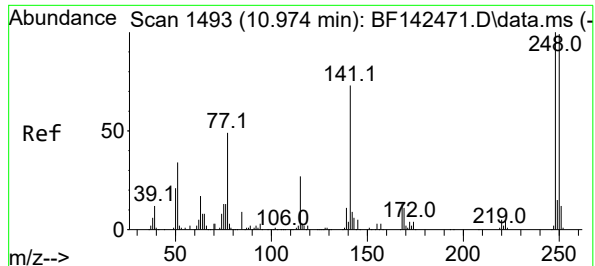
Tgt Ion:198 Resp: 38757
Ion Ratio Lower Upper
198 100
51 50.3 28.3 68.3
105 43.9 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 20.348 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:169 Resp: 245739
Ion Ratio Lower Upper
169 100
168 64.0 52.7 79.1
167 35.1 28.3 42.5

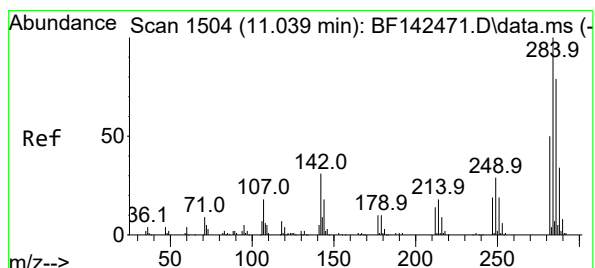
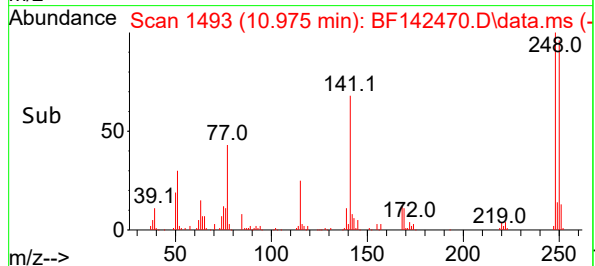
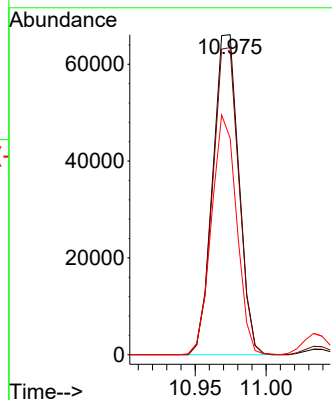
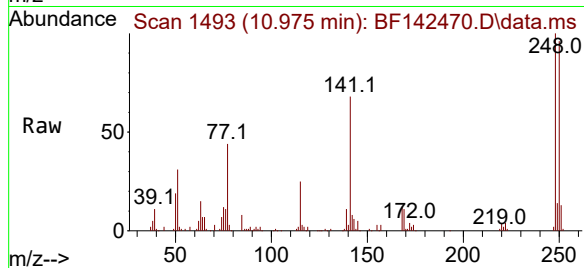




#67
4-Bromophenyl-phenylether
Concen: 20.222 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

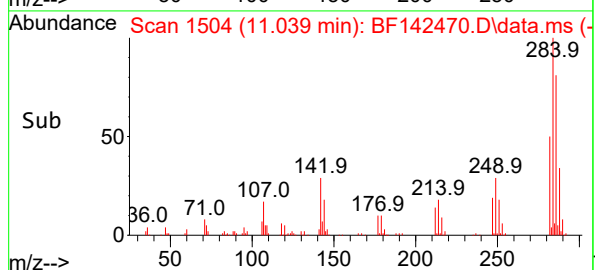
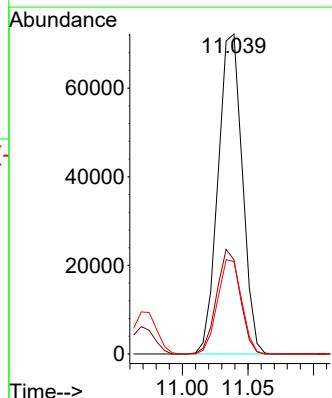
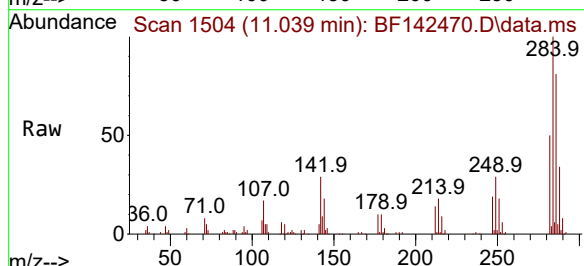
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

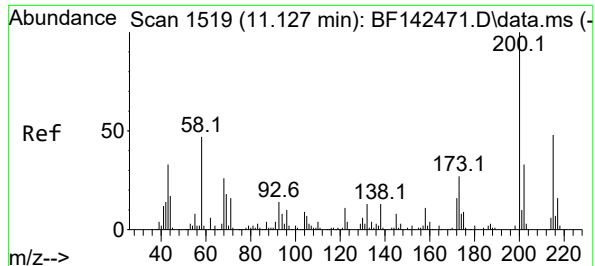
Tgt Ion:248 Resp: 84406
Ion Ratio Lower Upper
248 100
250 95.9 79.0 118.4
141 67.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 20.102 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:284 Resp: 92803
Ion Ratio Lower Upper
284 100
142 29.4 24.8 37.2
249 28.9 23.6 35.4





#69

Atrazine

Concen: 20.471 ng

RT: 11.122 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

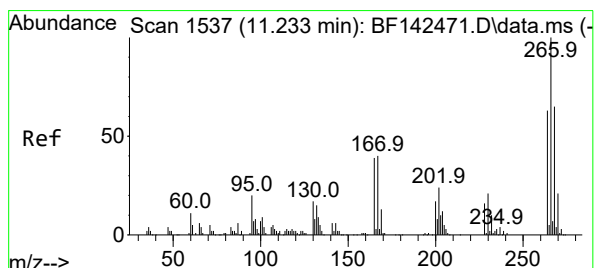
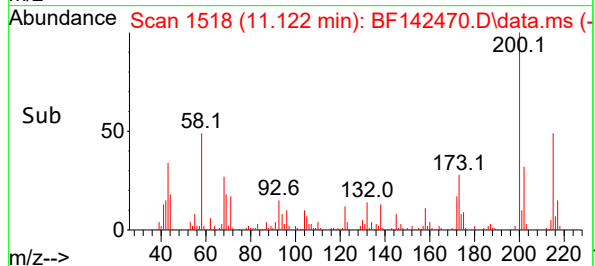
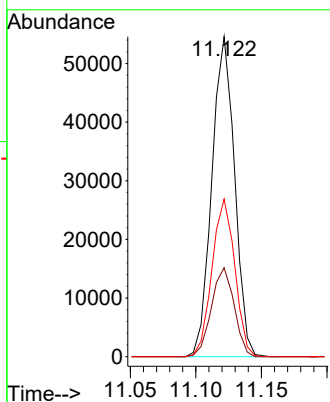
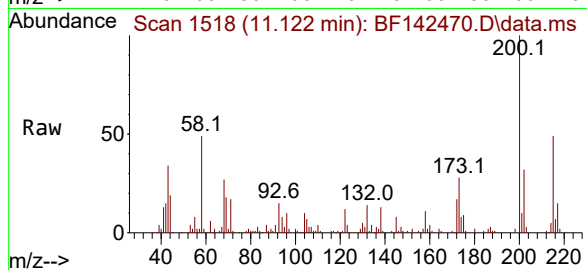
Tgt Ion:200 Resp: 65656

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 49.2 28.5 68.5



#70

Pentachlorophenol

Concen: 20.152 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

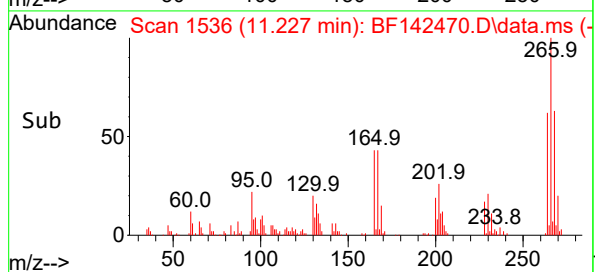
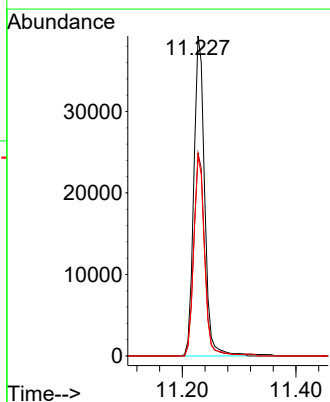
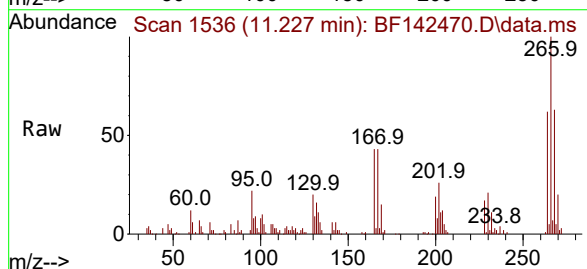
Tgt Ion:266 Resp: 52525

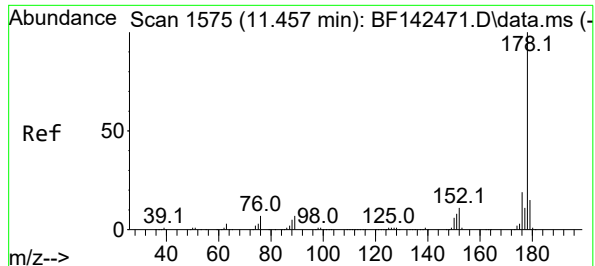
Ion Ratio Lower Upper

266 100

268 63.4 51.7 77.5

264 62.5 50.4 75.6

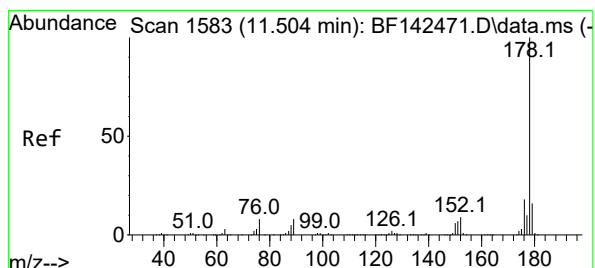
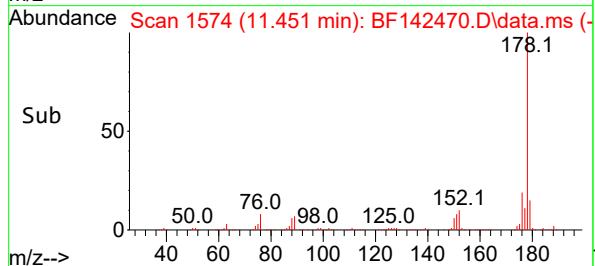
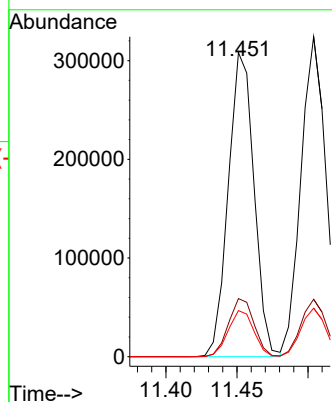
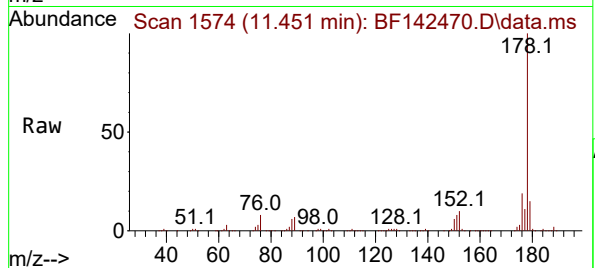




#71
Phenanthrene
Concen: 20.584 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

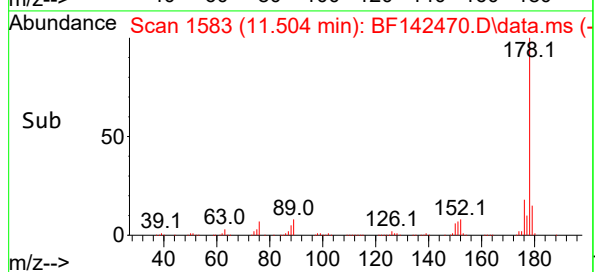
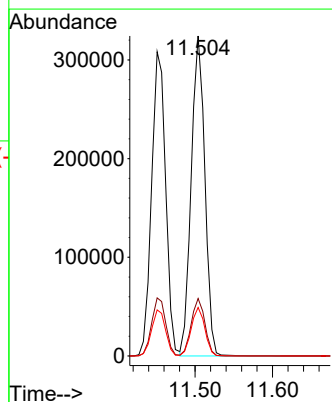
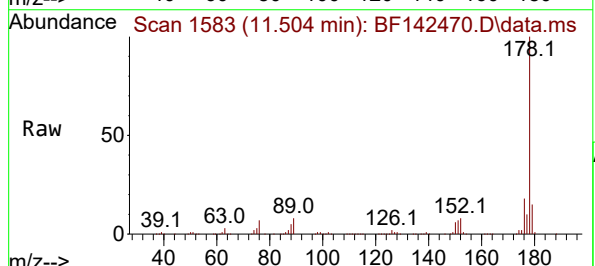
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

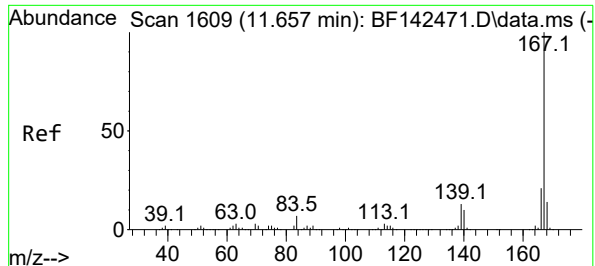
Tgt Ion:178 Resp: 388317
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.2 12.3 18.5



#72
Anthracene
Concen: 20.604 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

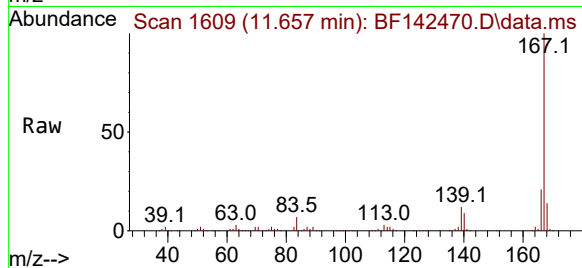
Tgt Ion:178 Resp: 396704
Ion Ratio Lower Upper
178 100
176 18.0 14.6 21.8
179 15.2 12.4 18.6



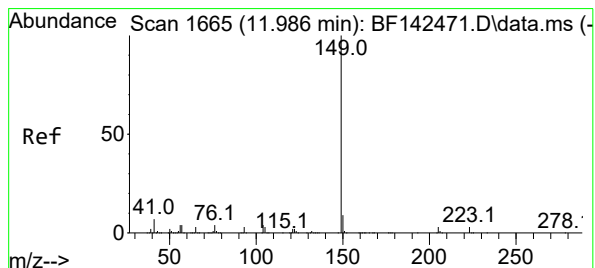
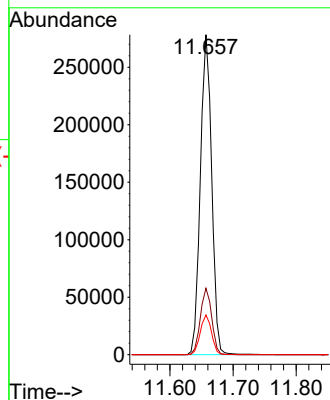
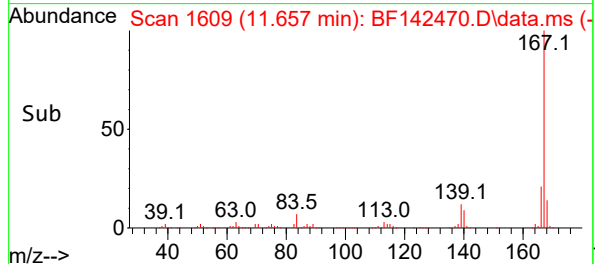


#73
Carbazole
Concen: 21.055 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

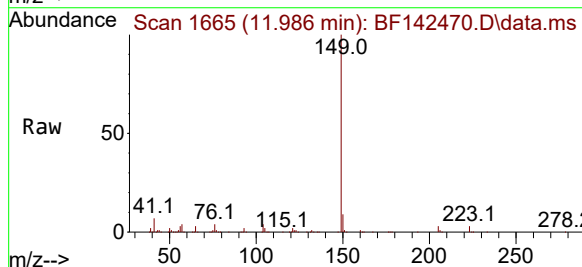
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



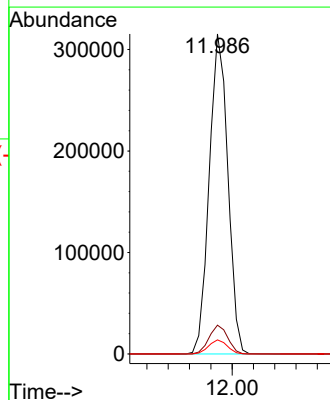
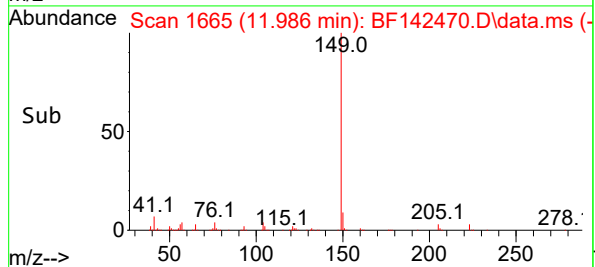
Tgt Ion:167 Resp: 346558
Ion Ratio Lower Upper
167 100
166 20.8 16.9 25.3
139 12.4 10.2 15.4

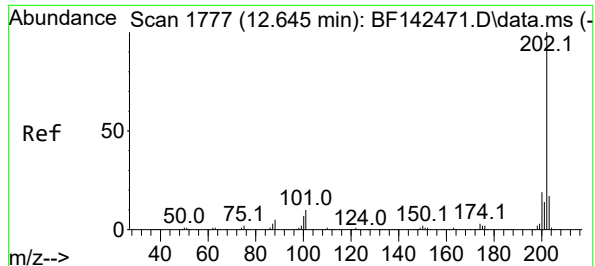


#74
Di-n-butylphthalate
Concen: 21.221 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36



Tgt Ion:149 Resp: 382324
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.4 3.6 5.4

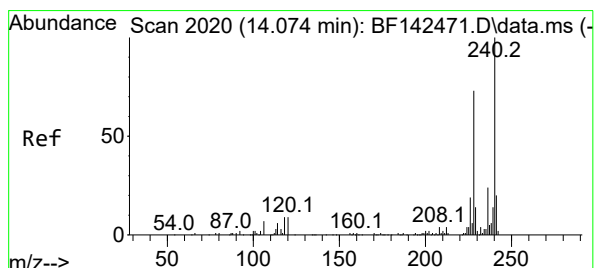
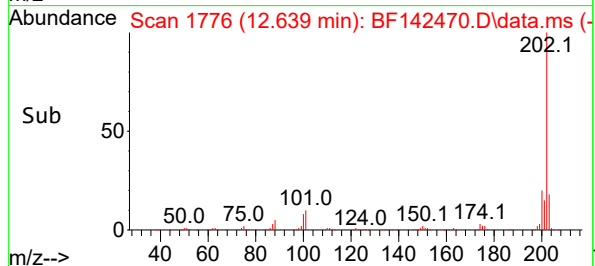
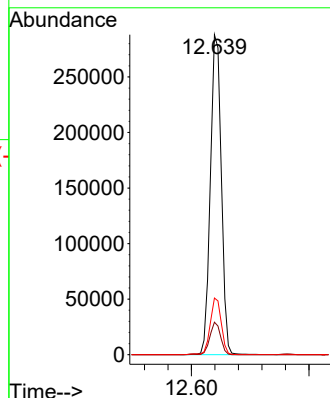
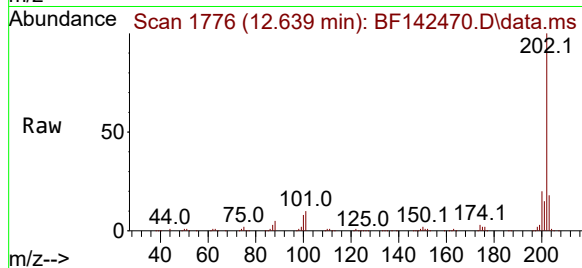




#75
Fluoranthene
Concen: 21.059 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

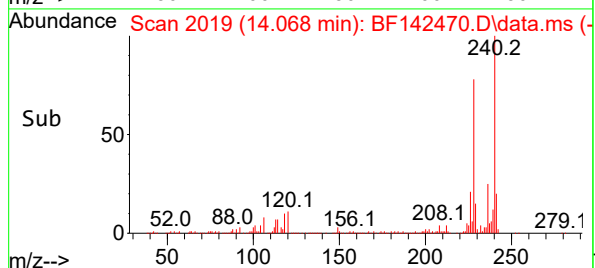
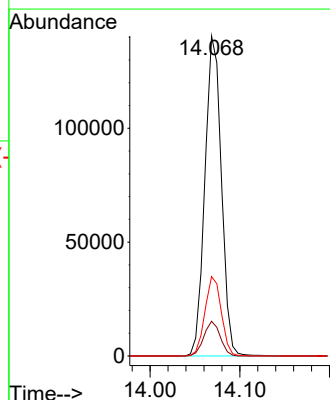
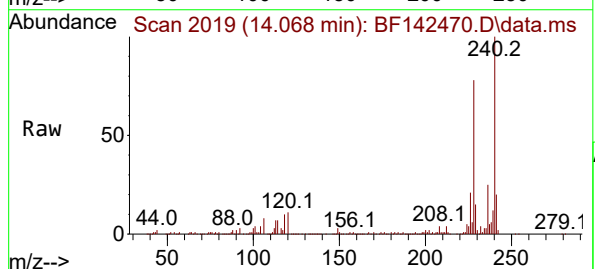
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

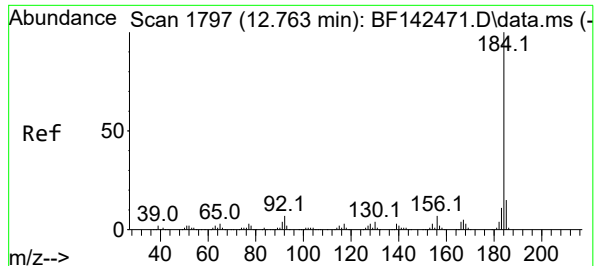
Tgt Ion:202 Resp: 371226
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.6
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:240 Resp: 179495
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 24.8 19.6 29.4





#77

Benzidine

Concen: 24.258 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

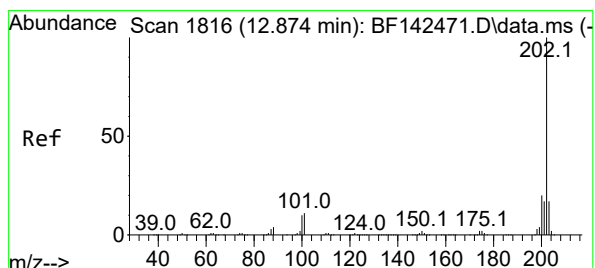
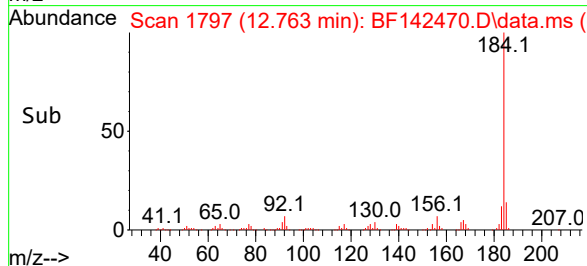
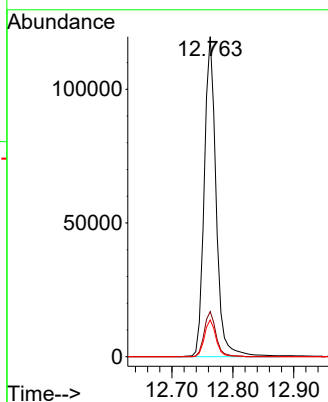
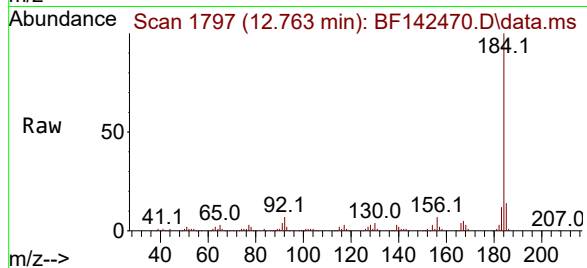
Tgt Ion:184 Resp: 162031

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.5 9.0 13.4



#78

Pyrene

Concen: 22.144 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

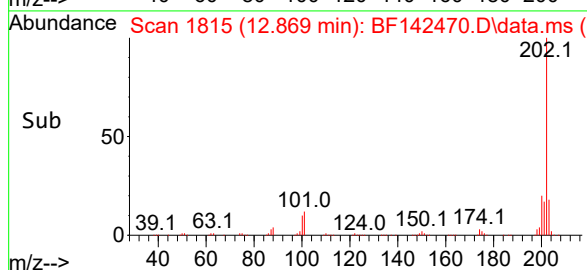
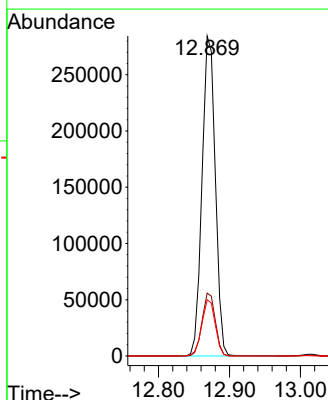
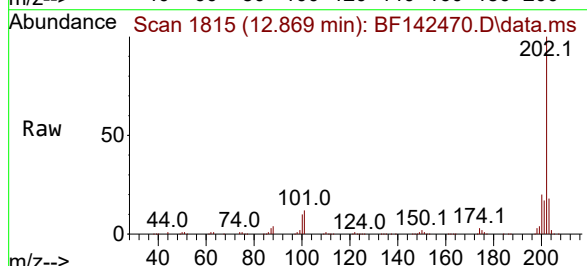
Tgt Ion:202 Resp: 370789

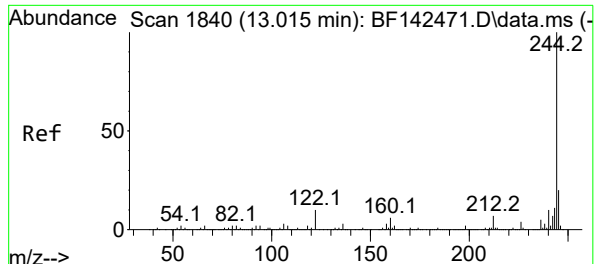
Ion Ratio Lower Upper

202 100

200 19.7 16.1 24.1

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 45.382 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142470.D

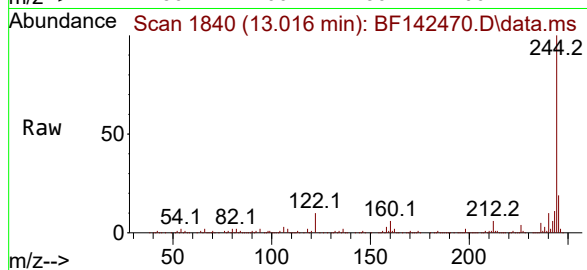
Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



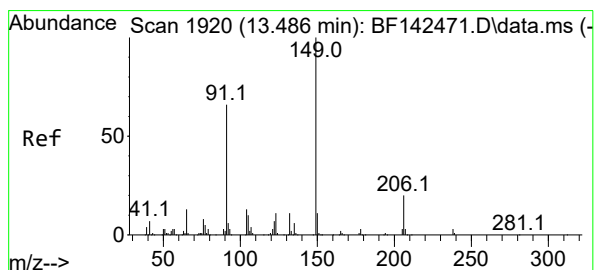
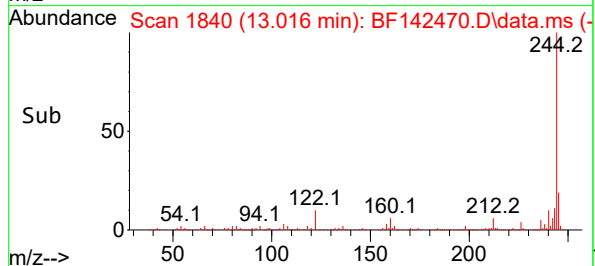
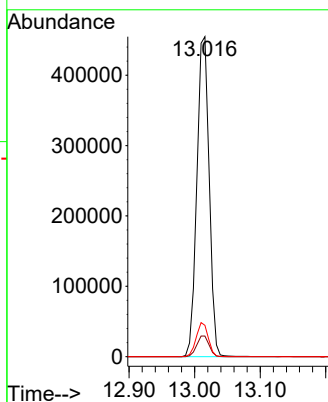
Tgt Ion:244 Resp: 596097

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 9.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 20.379 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

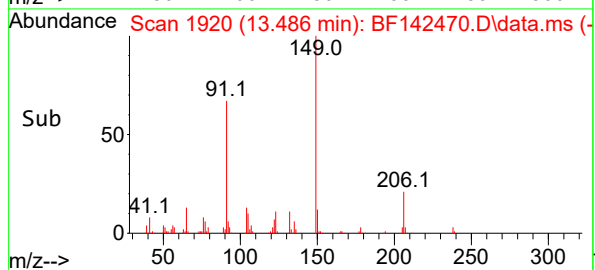
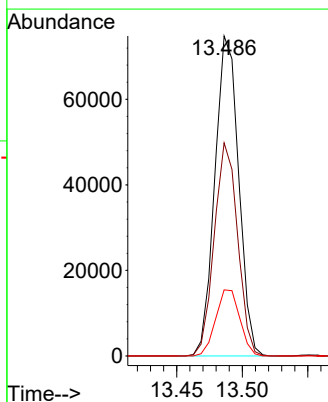
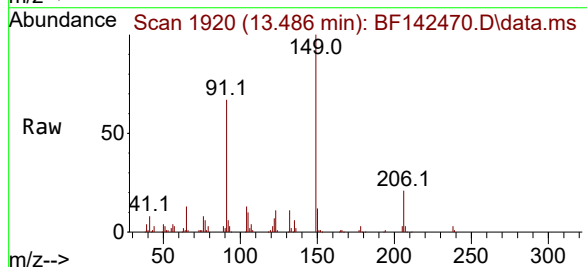
Tgt Ion:149 Resp: 94290

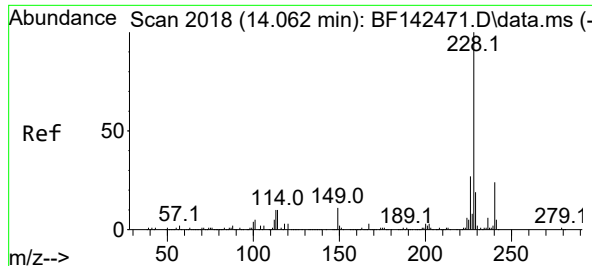
Ion Ratio Lower Upper

149 100

91 66.6 52.9 79.3

206 20.7 16.2 24.2

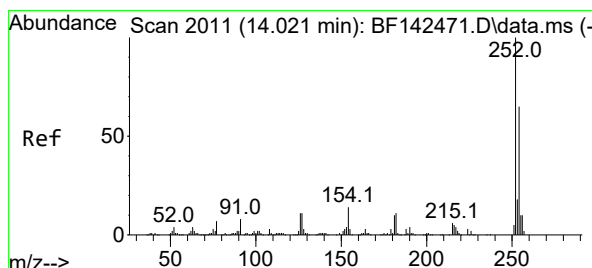
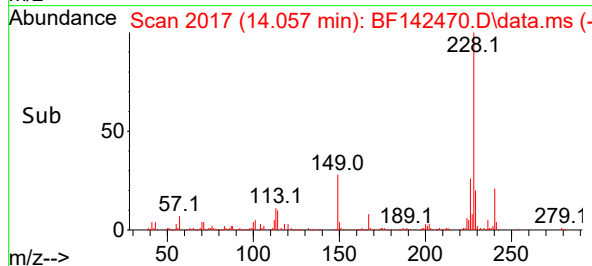
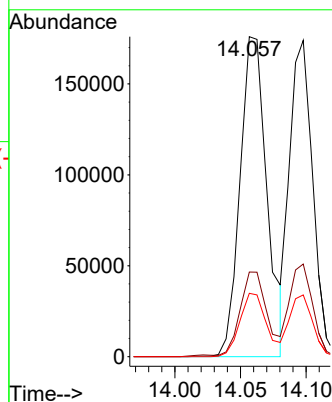
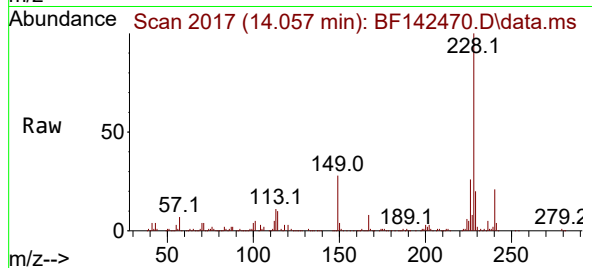




#81
Benzo(a)anthracene
Concen: 21.013 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

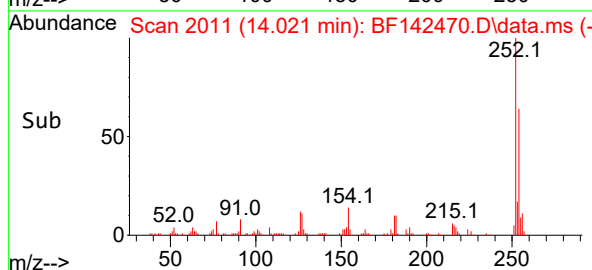
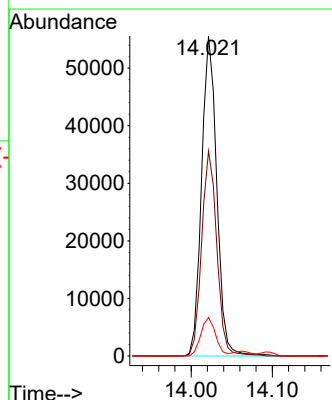
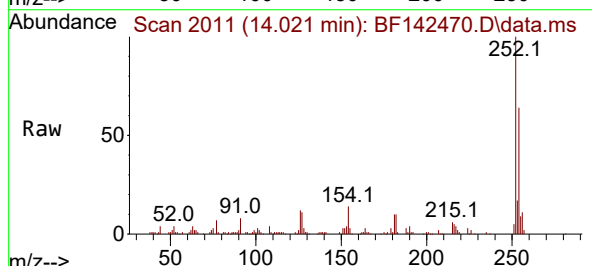
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

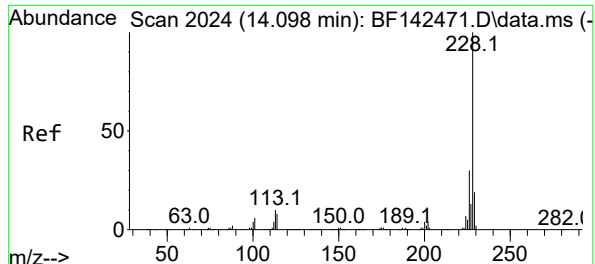
Tgt Ion:228 Resp: 251858
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 19.865 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:252 Resp: 72218
Ion Ratio Lower Upper
252 100
254 64.1 52.0 78.0
126 12.1 8.9 13.3

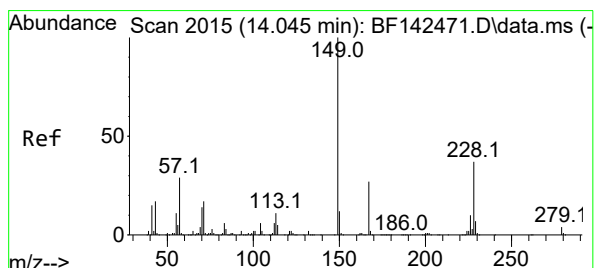
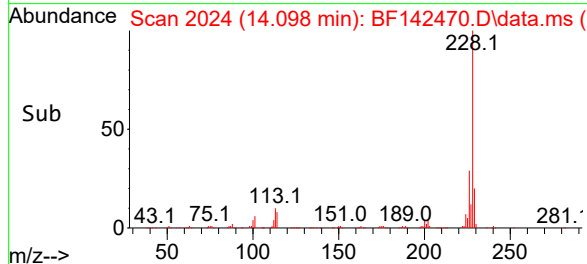
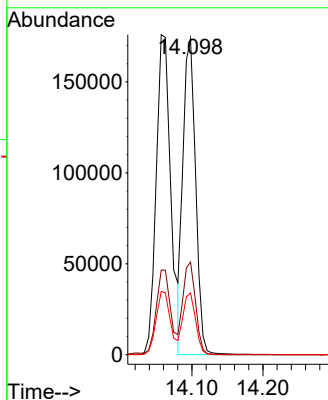
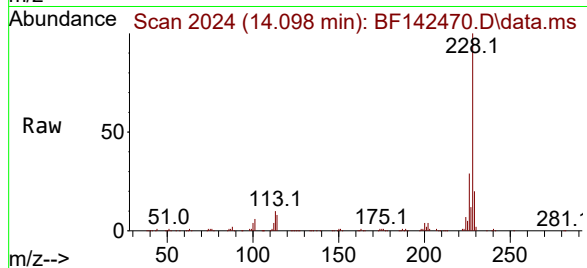




#83
Chrysene
Concen: 19.890 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

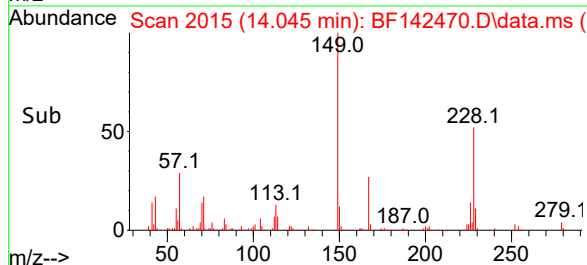
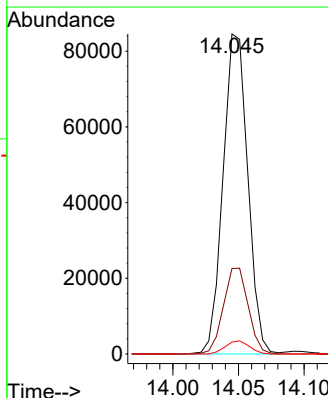
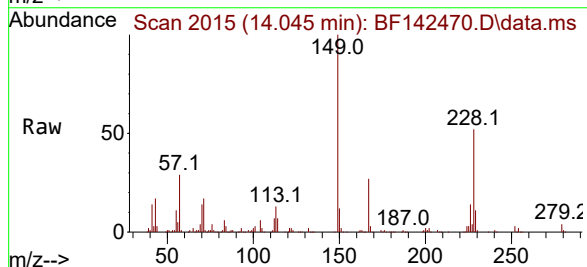
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

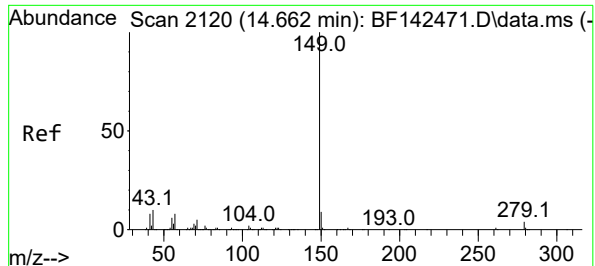
Tgt Ion:228 Resp: 214213
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.6
229 19.5 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.743 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 111015
Ion Ratio Lower Upper
149 100
167 26.7 21.5 32.3
279 3.7 3.2 4.8

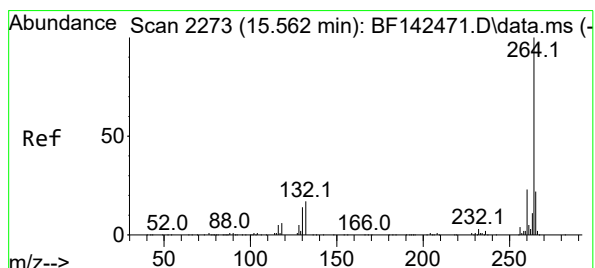
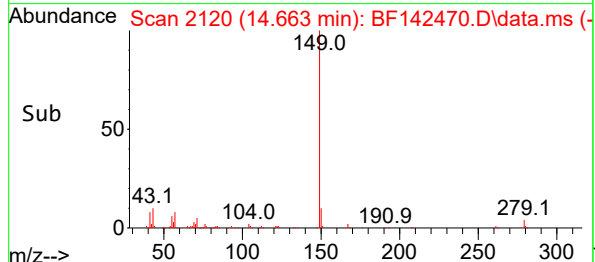
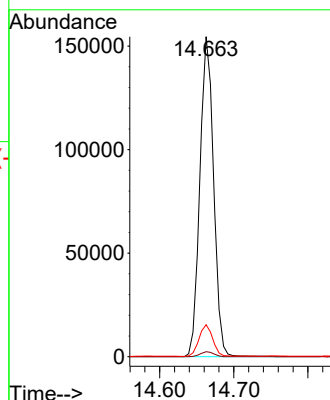
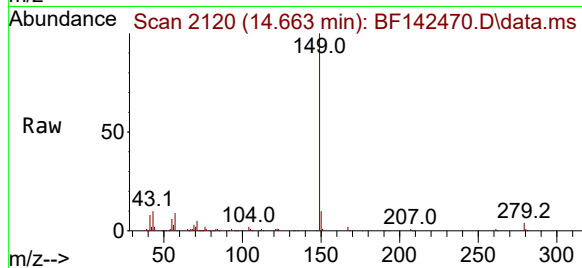




#85
Di-n-octyl phthalate
Concen: 17.166 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

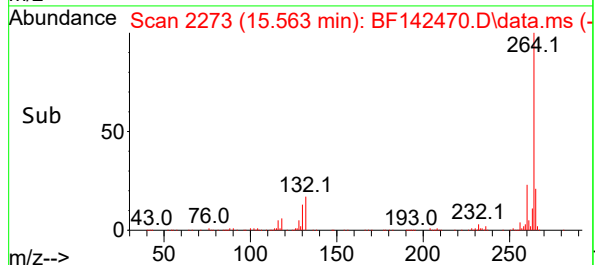
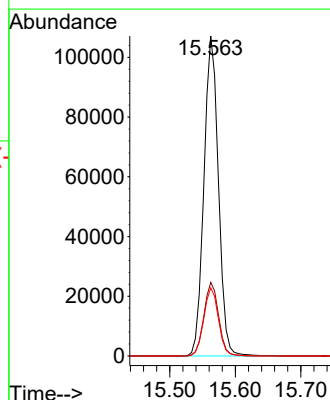
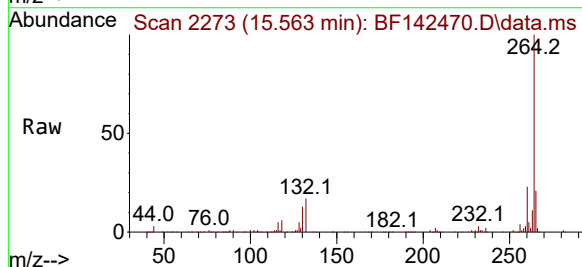
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

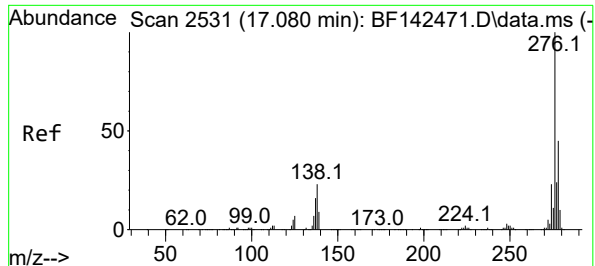
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.3	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.080 ng

RT: 17.074 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BF142470.D

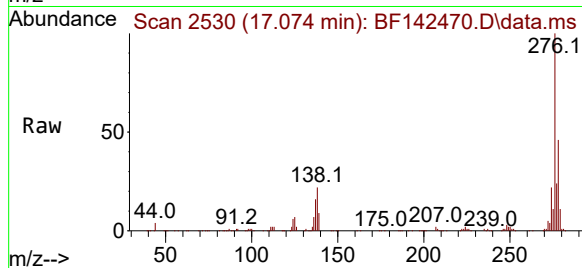
Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



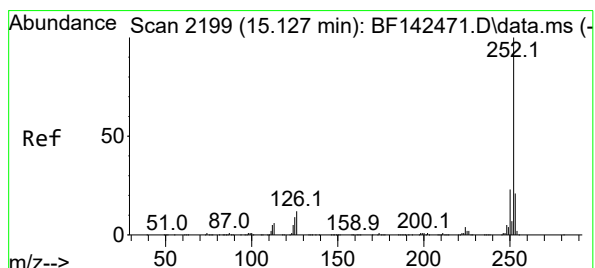
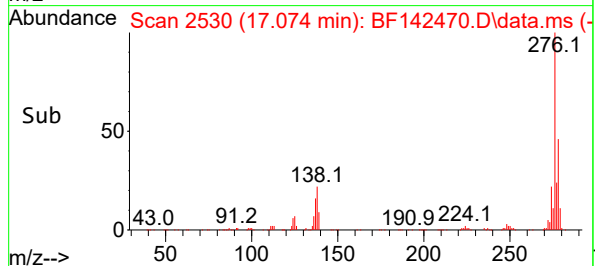
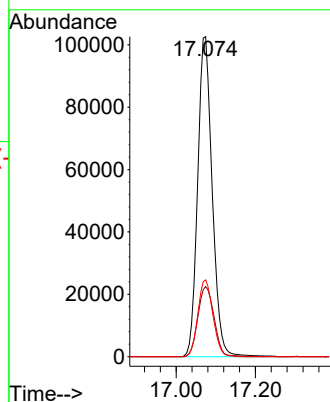
Tgt Ion:276 Resp: 261271

Ion Ratio Lower Upper

276 100

138 24.3 19.9 29.9

277 24.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 21.849 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

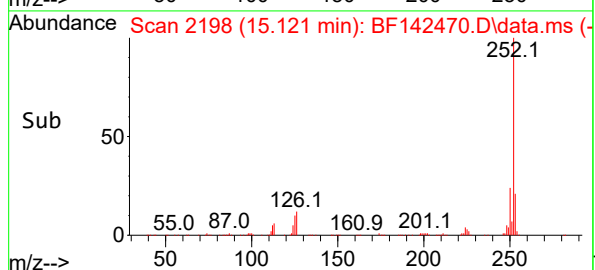
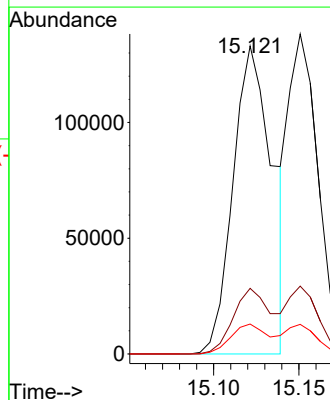
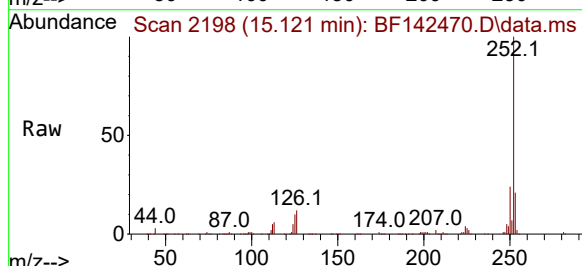
Tgt Ion:252 Resp: 213487

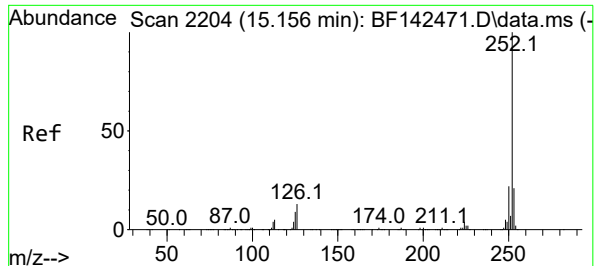
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 18.611 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

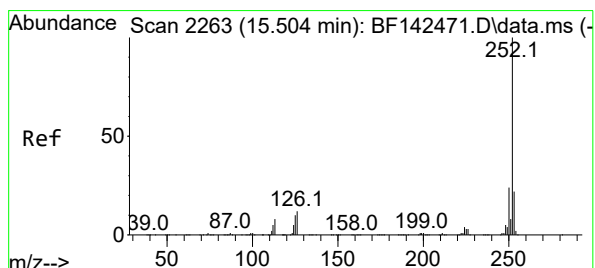
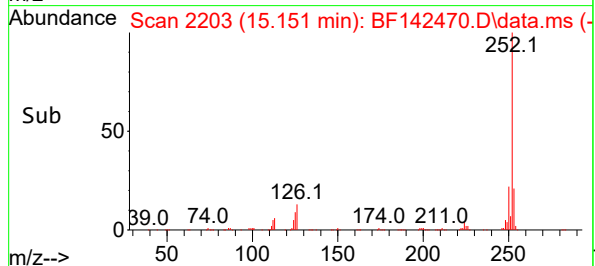
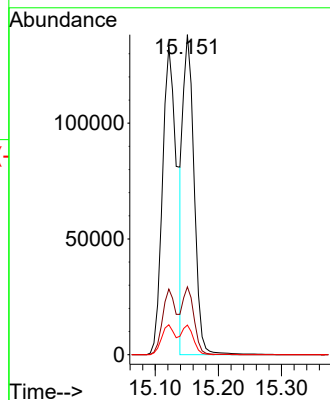
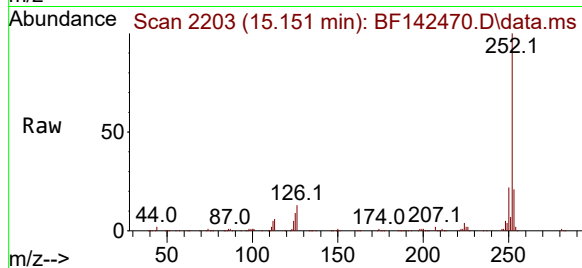
Tgt Ion:252 Resp: 170316

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 9.3 7.3 10.9



#90

Benzo(a)pyrene

Concen: 19.976 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

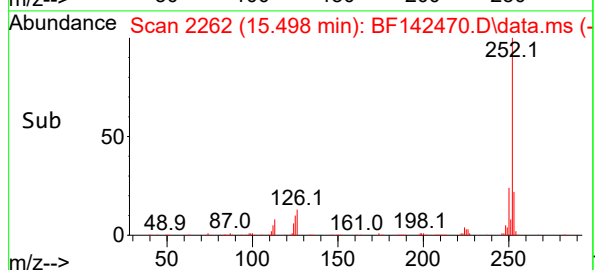
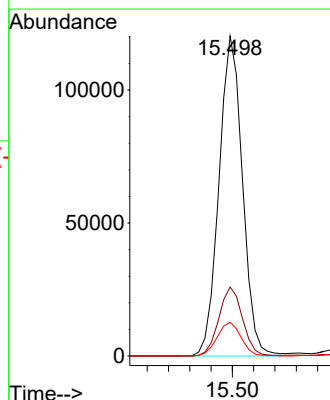
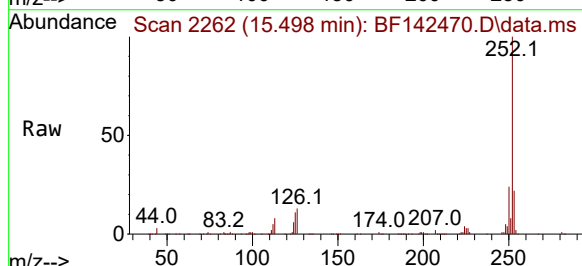
Tgt Ion:252 Resp: 183983

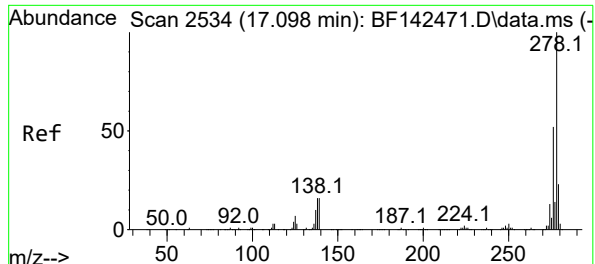
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.5 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 20.946 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

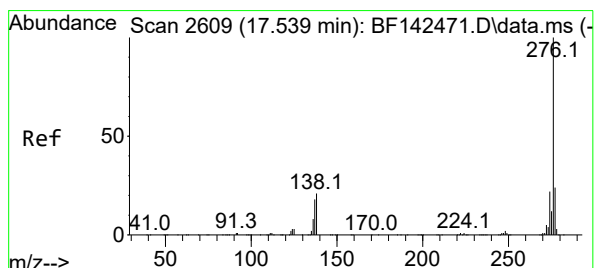
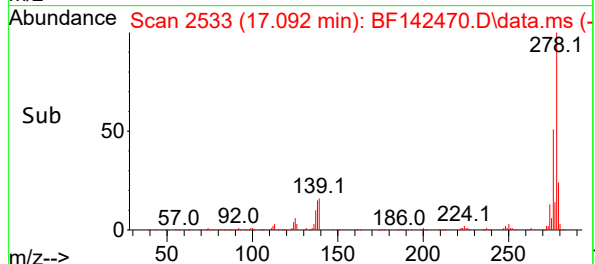
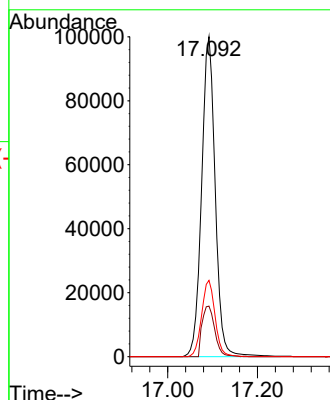
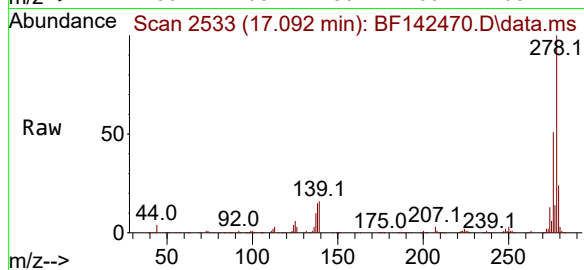
Tgt Ion:278 Resp: 210557

Ion Ratio Lower Upper

278 100

139 15.8 12.8 19.2

279 23.8 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 20.859 ng

RT: 17.527 min Scan# 2607

Delta R.T. -0.029 min

Lab File: BF142470.D

Acq: 20 May 2025 13:36

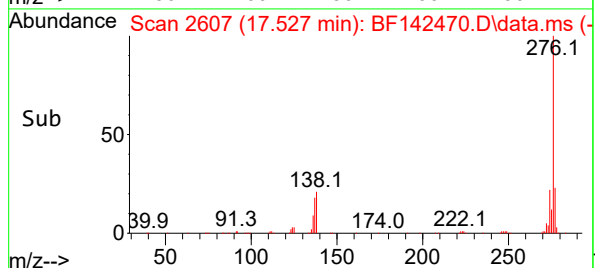
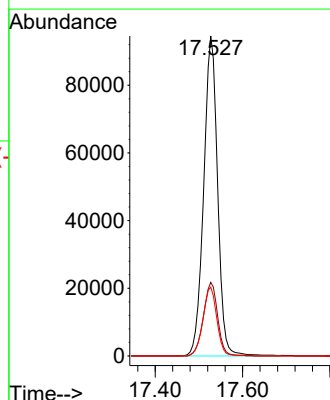
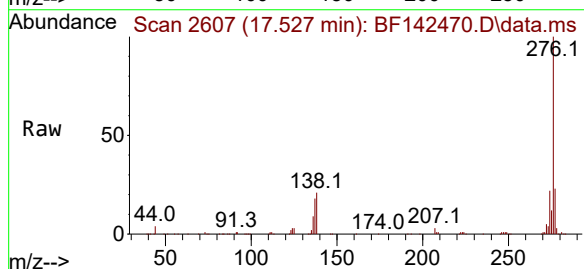
Tgt Ion:276 Resp: 209719

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 21.5 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142471.D
 Acq On : 20 May 2025 14:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: May 20 16:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	97580	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	377433	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	206343	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	343068	20.000	ng	0.00
76) Chrysene-d12	14.074	240	169022	20.000	ng	0.00
86) Perylene-d12	15.562	264	189289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	439258	75.840	ng	0.00
7) Phenol-d6	6.522	99	533569	76.529	ng	-0.01
23) Nitrobenzene-d5	7.463	82	537832	77.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	174483	76.189	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1144883	74.452	ng	0.00
79) Terphenyl-d14	13.015	244	962300	77.802	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	89364	38.557	ng	100
3) Pyridine	3.440	79	228376	38.694	ng	100
4) n-Nitrosodimethylamine	3.387	42	120777	39.412	ng	100
6) Aniline	6.563	93	359784	38.378	ng	100
8) 2-Chlorophenol	6.686	128	244270	38.720	ng	100
9) Benzaldehyde	6.451	77	159492	38.033	ng	100
10) Phenol	6.539	94	298690	38.073	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	216144	38.275	ng	100
12) 1,3-Dichlorobenzene	6.839	146	271118	38.514	ng	100
13) 1,4-Dichlorobenzene	6.916	146	274616	38.727	ng	100
14) 1,2-Dichlorobenzene	7.069	146	258896	38.156	ng	100
15) Benzyl Alcohol	7.039	79	199176	38.657	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	364537	38.439	ng	100
17) 2-Methylphenol	7.145	107	190501	38.677	ng	100
18) Hexachloroethane	7.416	117	95436	38.543	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	164556	38.083	ng	100
20) 3+4-Methylphenols	7.304	107	243075	38.538	ng	100
22) Acetophenone	7.310	105	323676	38.740	ng	100
24) Nitrobenzene	7.486	77	243446	38.996	ng	100
25) Isophorone	7.722	82	447323	38.653	ng	100
26) 2-Nitrophenol	7.798	139	132248	39.646	ng	100
27) 2,4-Dimethylphenol	7.833	122	228588	38.858	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	274724	38.002	ng	100
29) 2,4-Dichlorophenol	8.039	162	208444	38.963	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	222613	38.342	ng	100
31) Naphthalene	8.210	128	710368	38.223	ng	100
32) Benzoic acid	7.939	122	142061	39.672	ng	100
33) 4-Chloroaniline	8.251	127	293373	38.957	ng	100
34) Hexachlorobutadiene	8.322	225	141200	38.949	ng	100
35) Caprolactam	8.622	113	59309	39.473	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	212728	38.800	ng	100
37) 2-Methylnaphthalene	8.898	142	445368	38.092	ng	100
38) 1-Methylnaphthalene	8.998	142	464365	38.397	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	227685	38.439	ng	100
41) Hexachlorocyclopentadiene	9.051	237	162314	40.622	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	153308	38.383	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142471.D
 Acq On : 20 May 2025 14:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: May 20 16:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

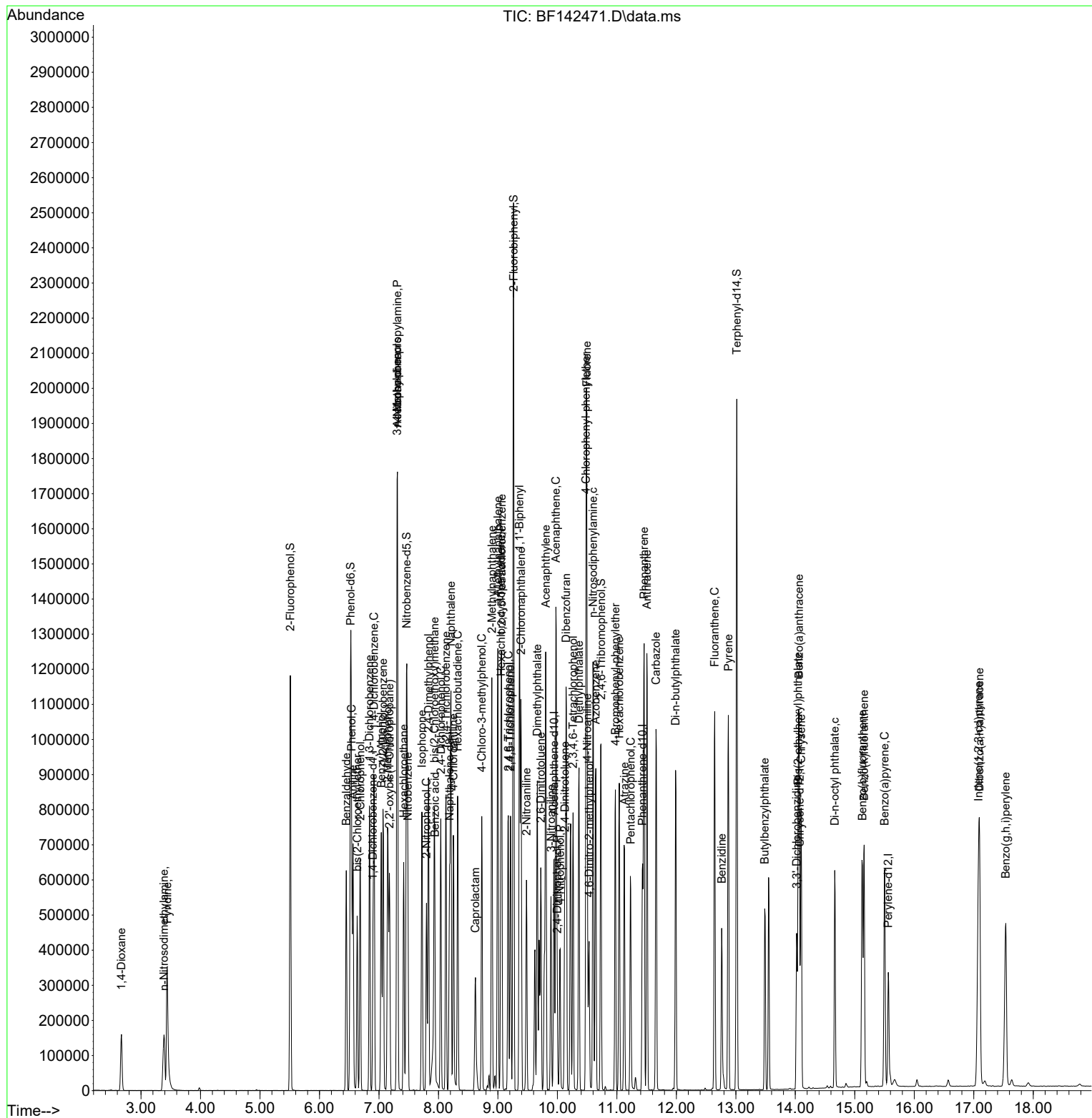
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	162880	38.667	ng	100
46) 1,1'-Biphenyl	9.363	154	610663	38.146	ng	100
47) 2-Chloronaphthalene	9.386	162	451638	38.185	ng	100
48) 2-Nitroaniline	9.480	65	133679	39.102	ng	100
49) Acenaphthylene	9.804	152	763730	38.240	ng	100
50) Dimethylphthalate	9.663	163	518078	38.051	ng	100
51) 2,6-Dinitrotoluene	9.722	165	115691	39.370	ng	100
52) Acenaphthene	9.974	154	462249	37.904	ng	100
53) 3-Nitroaniline	9.892	138	123293	38.413	ng	100
54) 2,4-Dinitrophenol	9.998	184	61452	40.477	ng	100
55) Dibenzofuran	10.145	168	662626	37.758	ng	100
56) 4-Nitrophenol	10.045	139	93606	39.526	ng	100
57) 2,4-Dinitrotoluene	10.127	165	150036	39.095	ng	100
58) Fluorene	10.492	166	507836	37.457	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	137225	39.022	ng	100
60) Diethylphthalate	10.363	149	508183	38.217	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	251129	37.706	ng	100
62) 4-Nitroaniline	10.504	138	114265	39.253	ng	100
63) Azobenzene	10.645	77	456781	38.246	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	79121	41.326	ng	100
66) n-Nitrosodiphenylamine	10.598	169	445033	37.917	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	152348	37.556	ng	100
68) Hexachlorobenzene	11.039	284	171918	38.318	ng	100
69) Atrazine	11.127	200	121790	39.072	ng	100
70) Pentachlorophenol	11.233	266	100877	39.824	ng	100
71) Phenanthrene	11.457	178	694045	37.855	ng	100
72) Anthracene	11.504	178	711162	38.007	ng	100
73) Carbazole	11.657	167	610097	38.140	ng	100
74) Di-n-butylphthalate	11.986	149	669345	38.227	ng	100
75) Fluoranthene	12.645	202	643610	37.569	ng	100
77) Benzidine	12.763	184	269307	42.816	ng	100
78) Pyrene	12.874	202	628371	39.853	ng	100
80) Butylbenzylphthalate	13.486	149	177841	40.819	ng	100
81) Benzo(a)anthracene	14.062	228	431998	38.276	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	137438	40.148	ng	100
83) Chrysene	14.098	228	387081	38.168	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	227555	40.800	ng	100
85) Di-n-octyl phthalate	14.662	149	427995	39.246	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	548309	38.584	ng	100
88) Benzo(b)fluoranthene	15.127	252	426174	38.041	ng	100
89) Benzo(k)fluoranthene	15.156	252	394567	37.603	ng	100
90) Benzo(a)pyrene	15.504	252	409312	38.761	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	448372	38.903	ng	100
92) Benzo(g,h,i)perylene	17.539	276	446674	38.747	ng	100

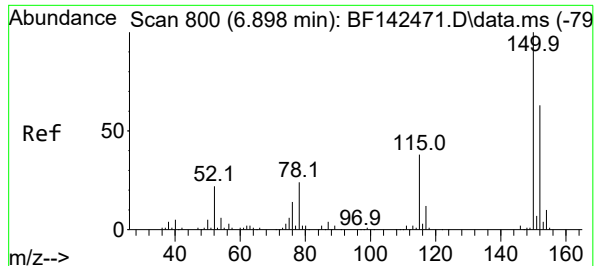
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142471.D
Acq On : 20 May 2025 14:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: May 20 16:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

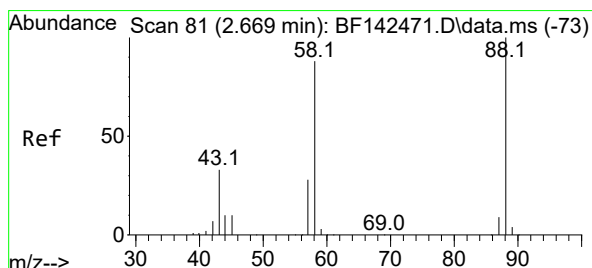
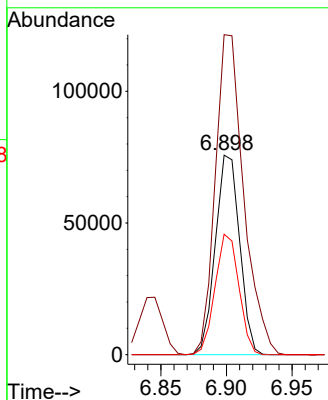
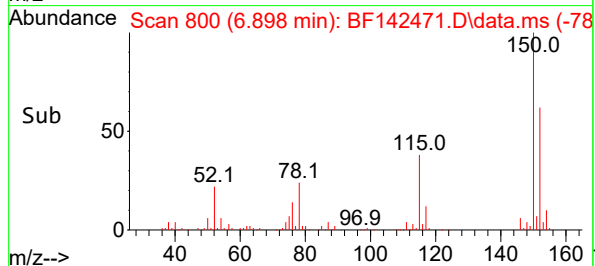
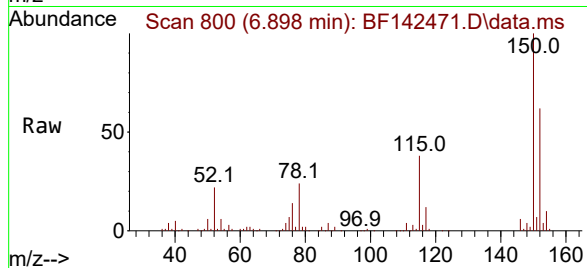




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

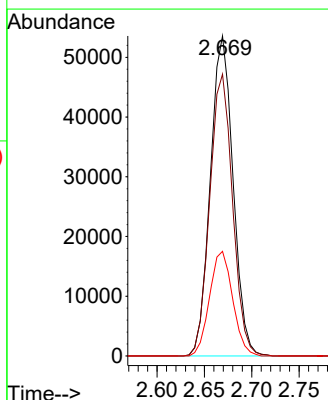
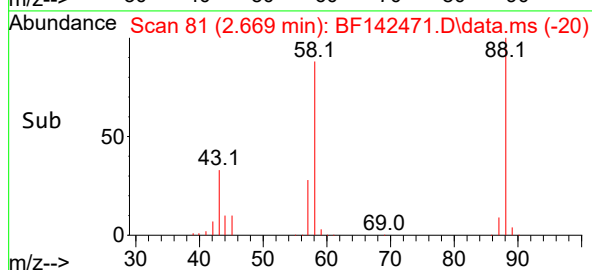
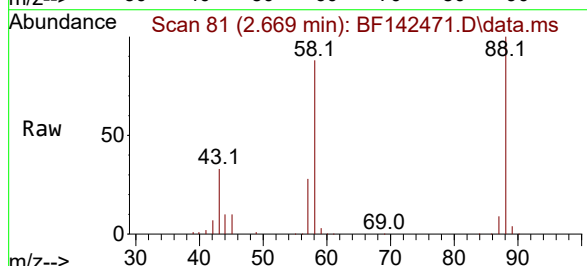
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

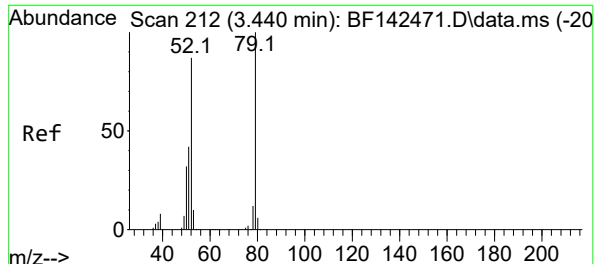
Tgt Ion:152 Resp: 97580
Ion Ratio Lower Upper
152 100
150 160.3 128.2 192.4
115 60.4 48.3 72.5



#2
1,4-Dioxane
Concen: 38.557 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 88 Resp: 89364
Ion Ratio Lower Upper
88 100
58 88.5 70.8 106.2
43 33.3 26.6 40.0





#3

Pyridine

Concen: 38.694 ng

RT: 3.440 min Scan# 212

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

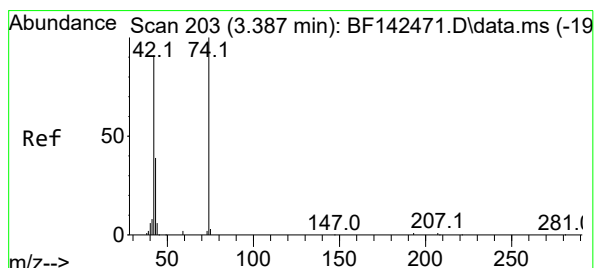
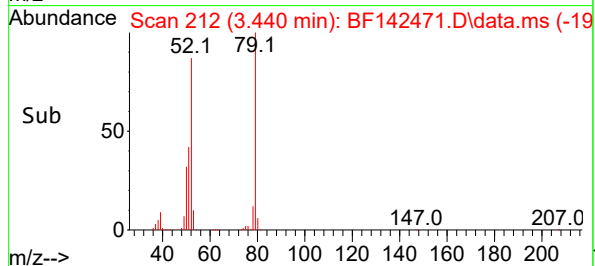
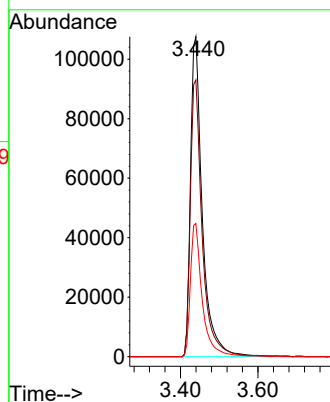
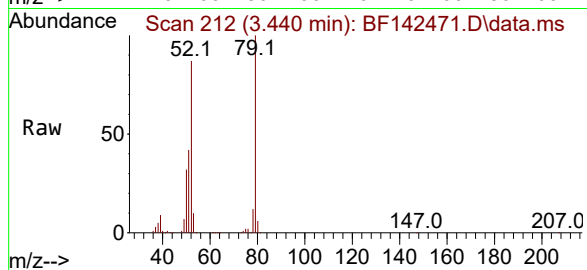
Tgt Ion: 79 Resp: 228376

Ion Ratio Lower Upper

79 100

52 86.5 69.2 103.8

51 41.6 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 39.412 ng

RT: 3.387 min Scan# 203

Delta R.T. -0.018 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

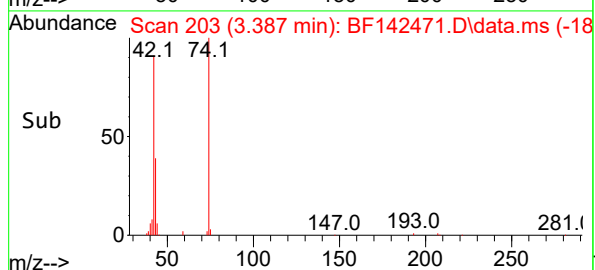
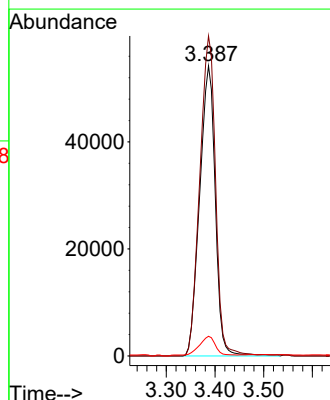
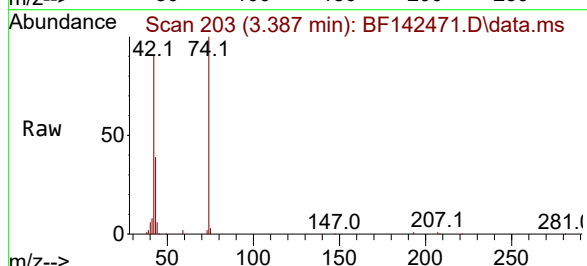
Tgt Ion: 42 Resp: 120777

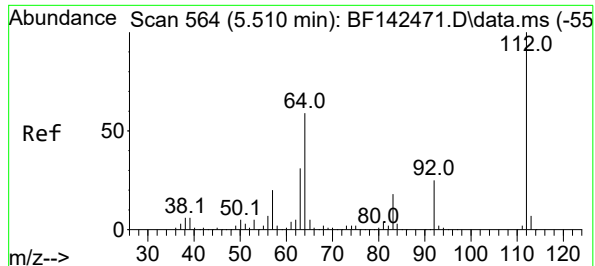
Ion Ratio Lower Upper

42 100

74 110.3 88.2 132.4

44 6.8 5.4 8.2

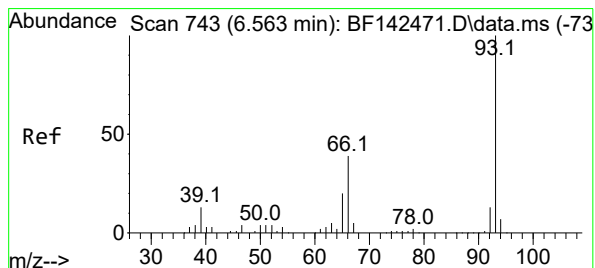
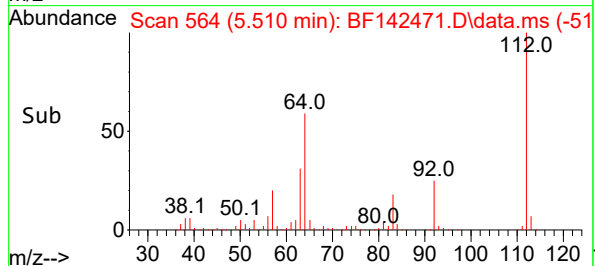
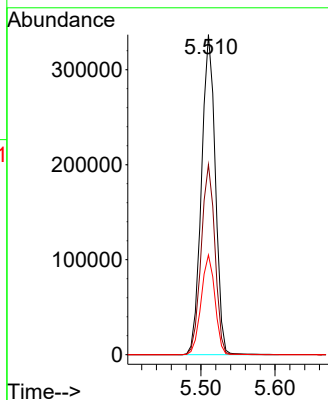
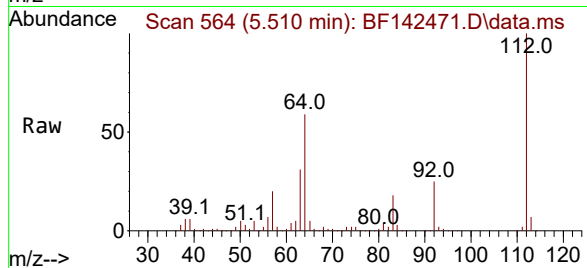




#5
2-Fluorophenol
Concen: 75.840 ng
RT: 5.510 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

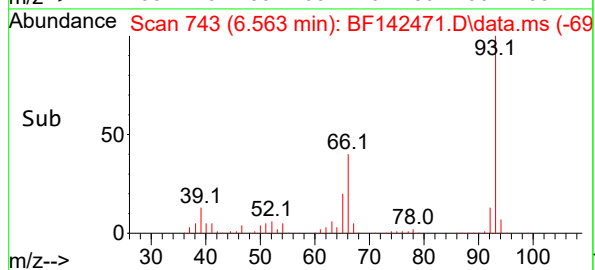
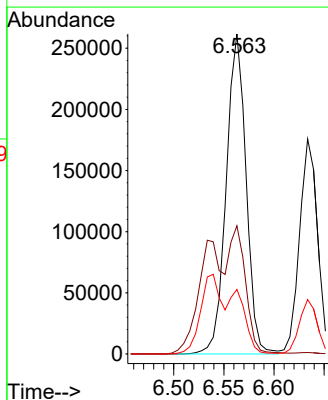
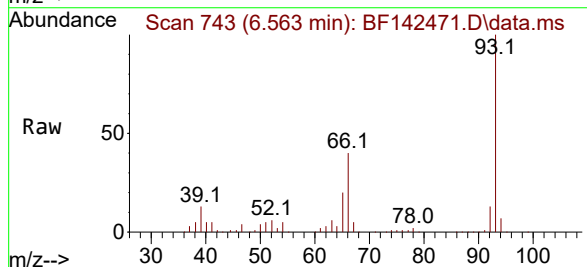
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

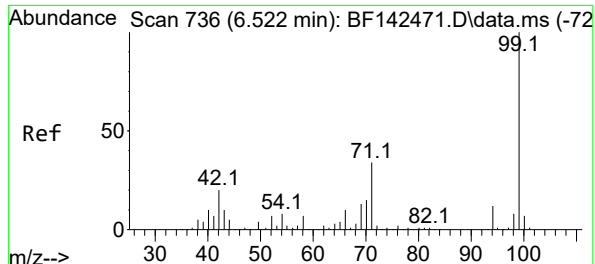
Tgt Ion:112 Resp: 439258
Ion Ratio Lower Upper
112 100
64 59.4 47.5 71.3
63 31.1 24.9 37.3



#6
Aniline
Concen: 38.378 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 93 Resp: 359784
Ion Ratio Lower Upper
93 100
66 40.0 32.0 48.0
65 20.1 16.1 24.1





#7

Phenol-d6

Concen: 76.529 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

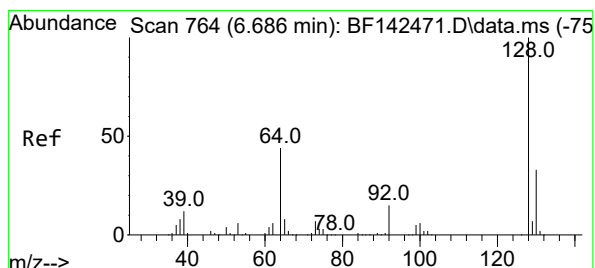
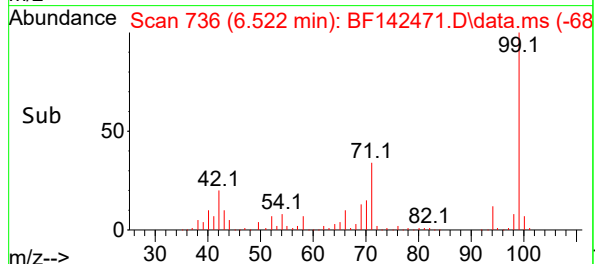
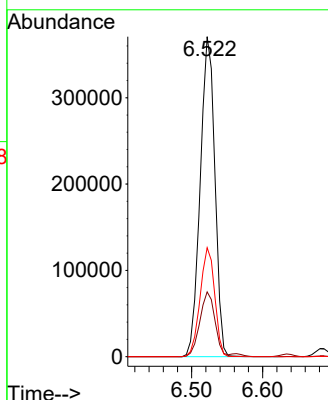
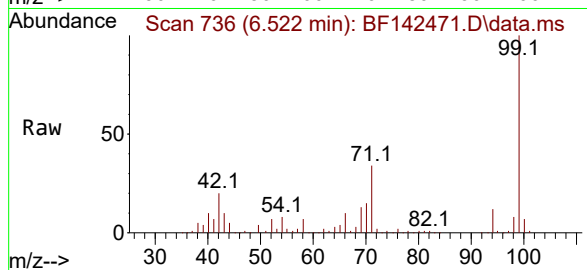
Tgt Ion: 99 Resp: 533569

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

71 34.1 27.3 40.9



#8

2-Chlorophenol

Concen: 38.720 ng

RT: 6.686 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

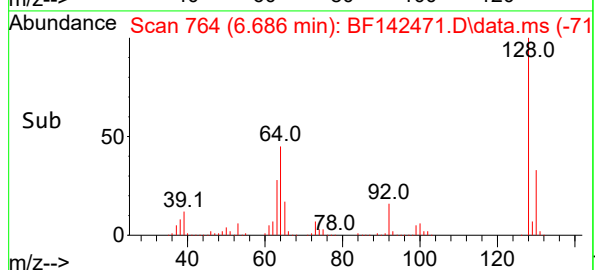
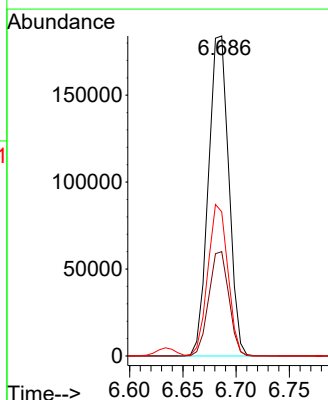
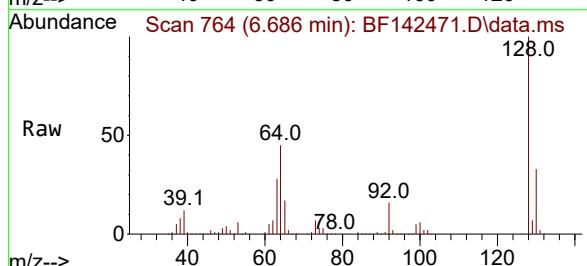
Tgt Ion: 128 Resp: 244270

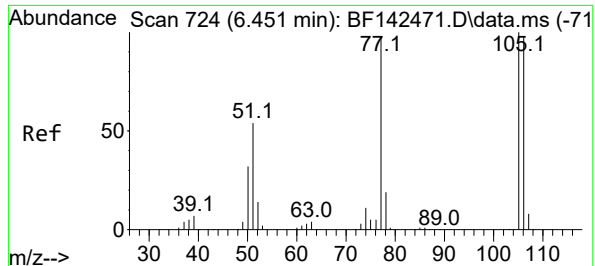
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 45.1 25.1 65.1





#9
Benzaldehyde

Concen: 38.033 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

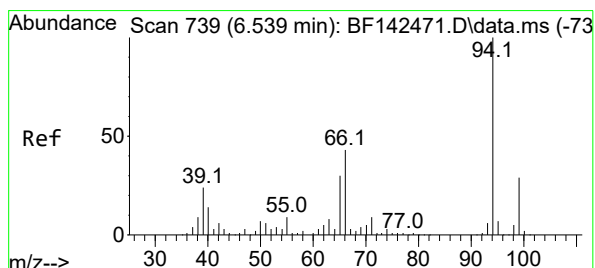
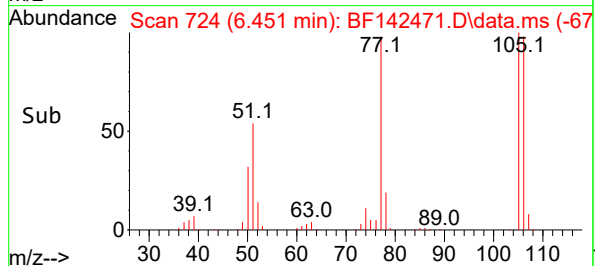
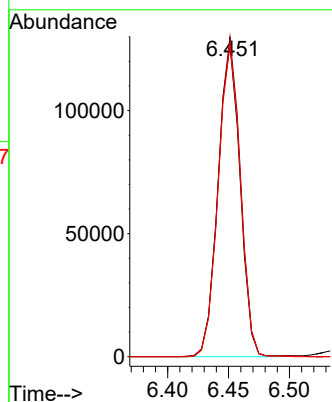
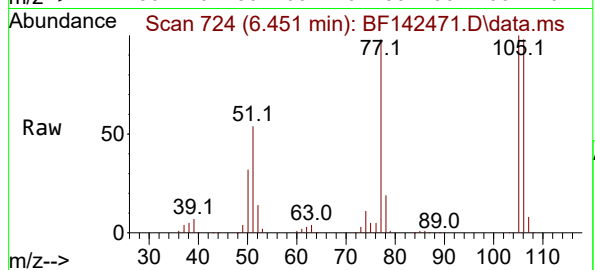
Tgt Ion: 77 Resp: 159492

Ion Ratio Lower Upper

77 100

105 102.5 82.5 122.5

106 100.0 80.0 120.0



#10

Phenol

Concen: 38.073 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

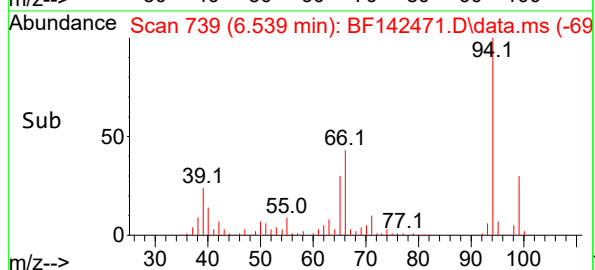
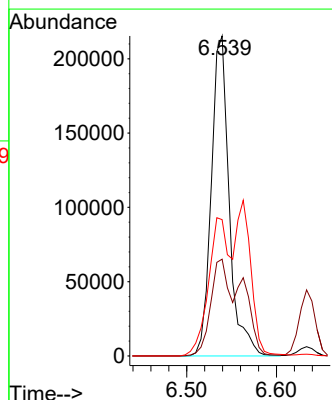
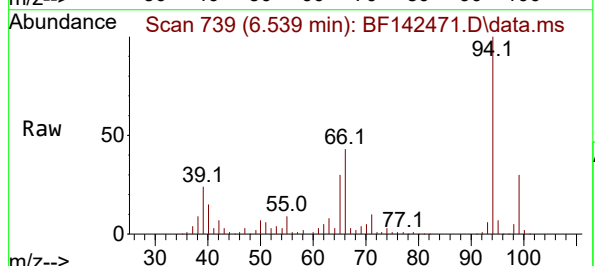
Tgt Ion: 94 Resp: 298690

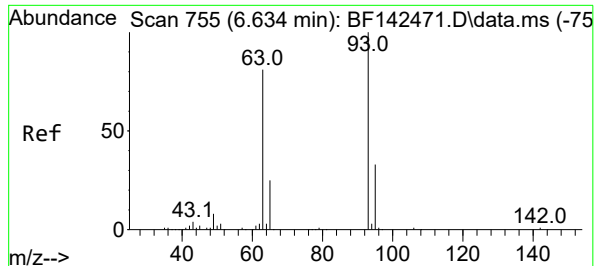
Ion Ratio Lower Upper

94 100

65 30.3 10.3 50.3

66 42.6 22.6 62.6

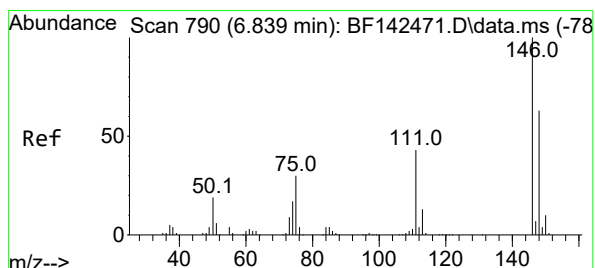
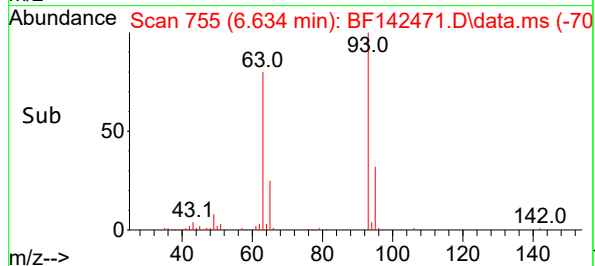
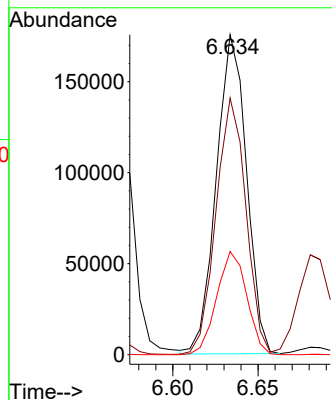
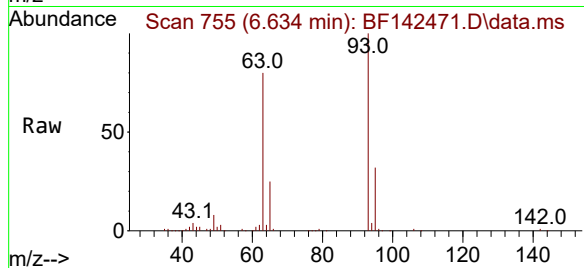




#11
bis(2-Chloroethyl)ether
Concen: 38.275 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

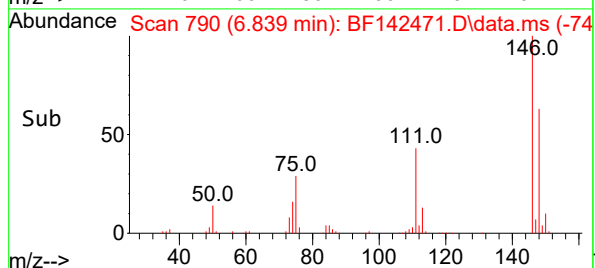
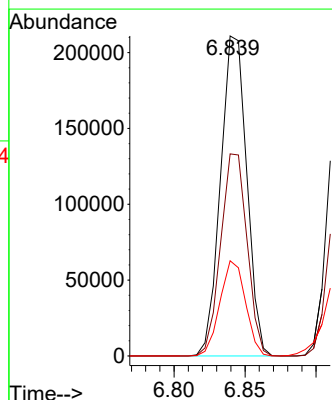
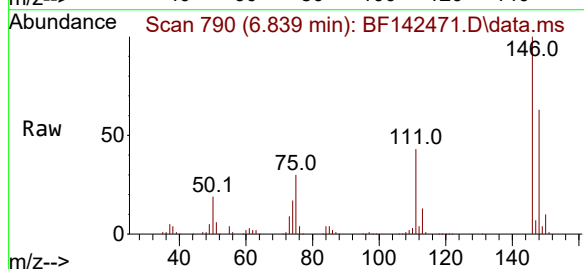
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

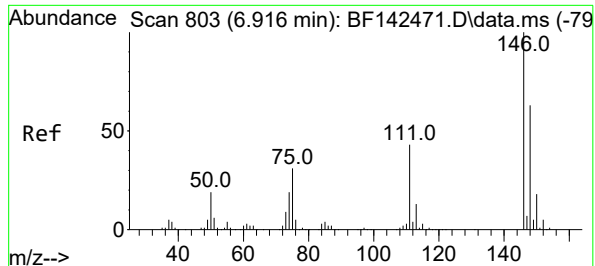
Tgt Ion: 93 Resp: 216144
Ion Ratio Lower Upper
93 100
63 80.2 60.2 100.2
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.514 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 146 Resp: 271118
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
75 29.7 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.727 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

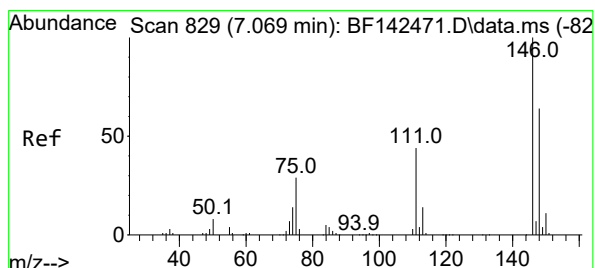
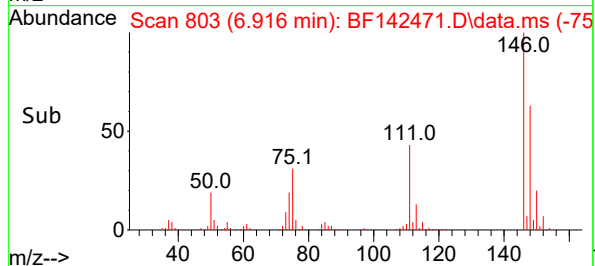
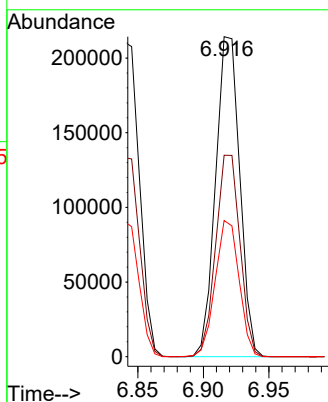
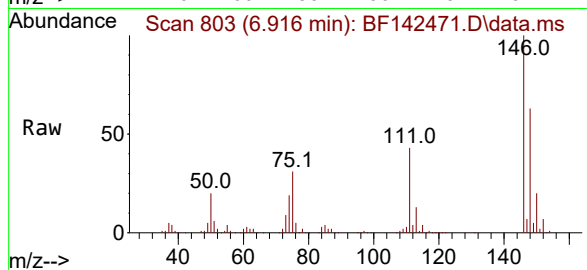
Tgt Ion:146 Resp: 274616

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 42.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.156 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

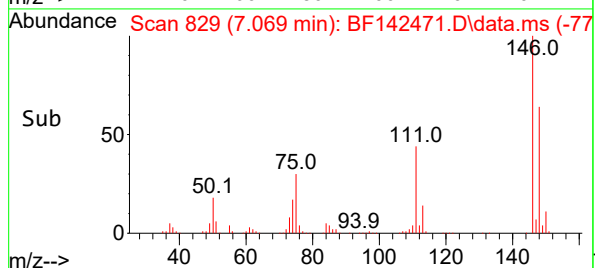
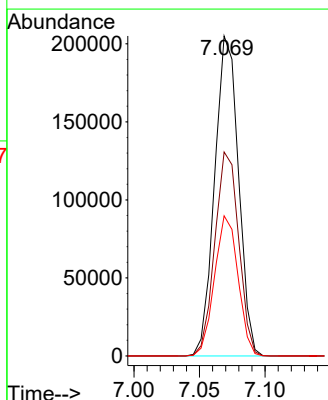
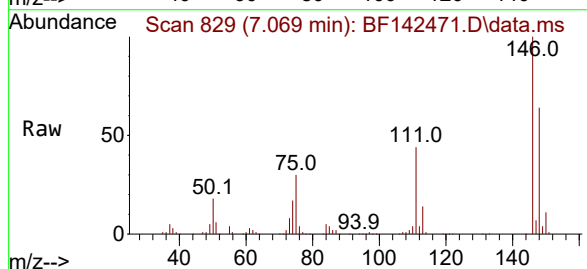
Tgt Ion:146 Resp: 258896

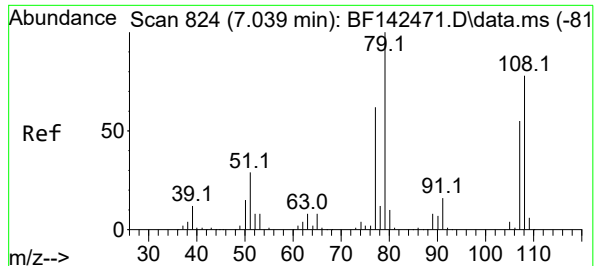
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 43.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 38.657 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

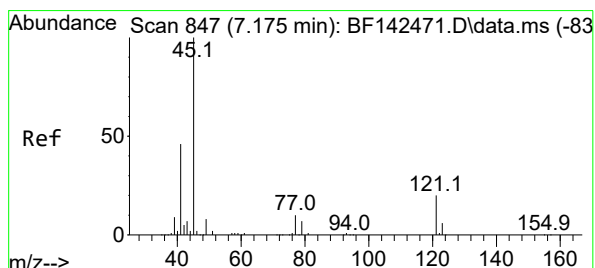
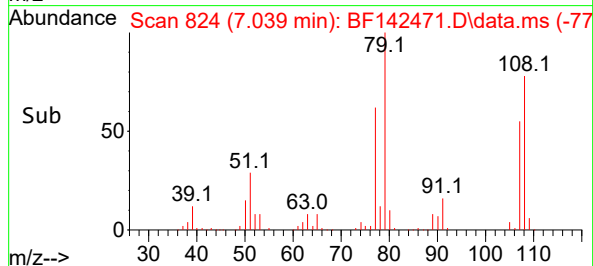
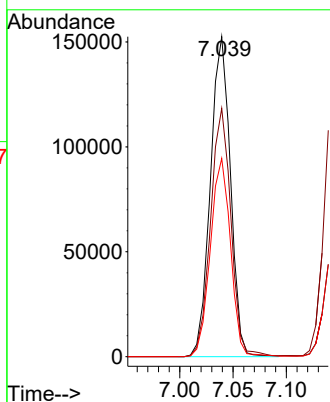
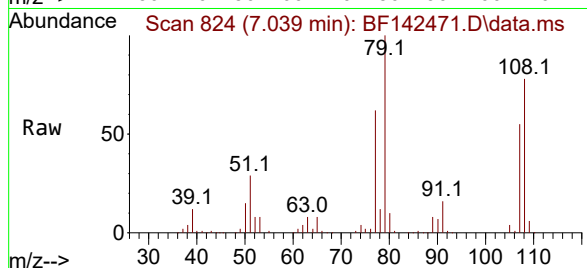
Tgt Ion: 79 Resp: 199176

Ion Ratio Lower Upper

79 100

108 77.6 62.1 93.1

77 61.9 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.439 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

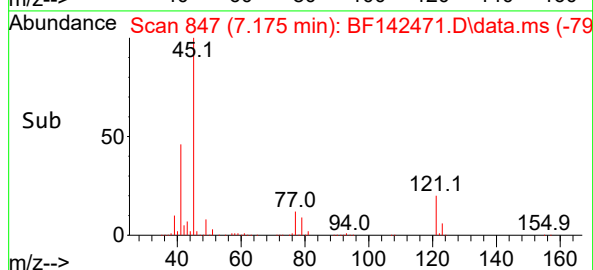
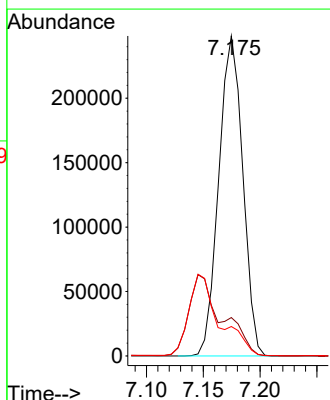
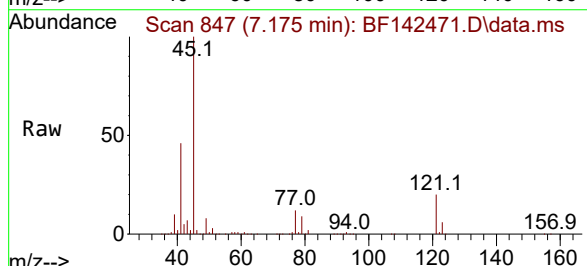
Tgt Ion: 45 Resp: 364537

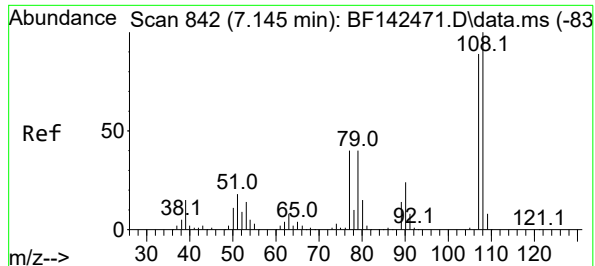
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.0

79 9.2 0.0 29.2

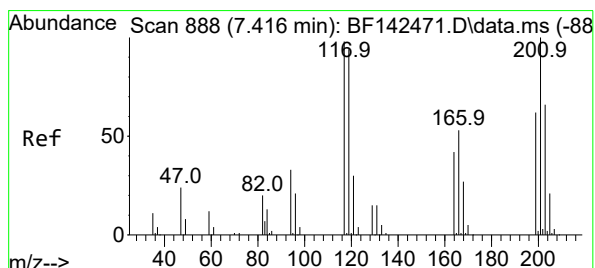
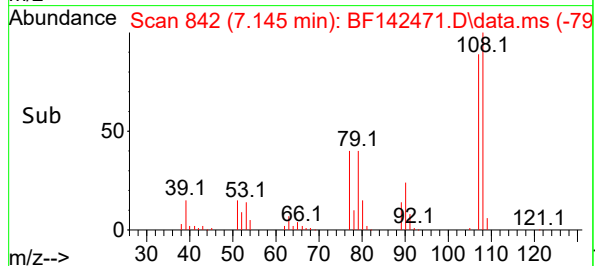
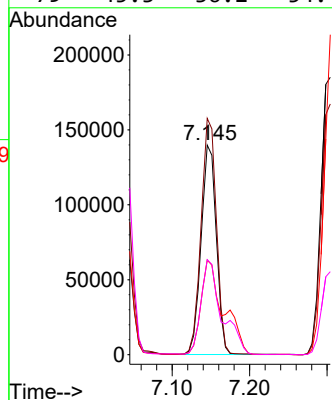
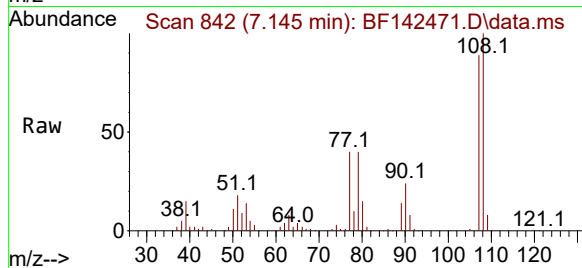




#17
2-Methylphenol
Concen: 38.677 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

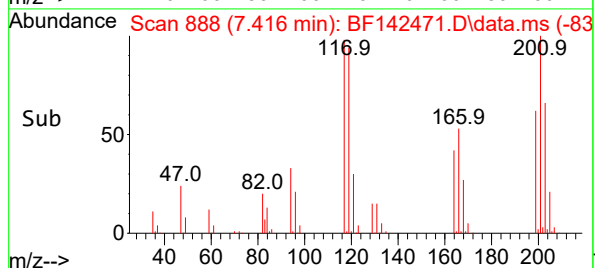
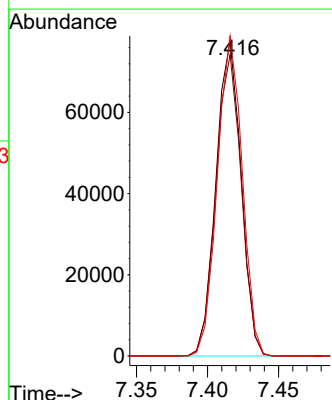
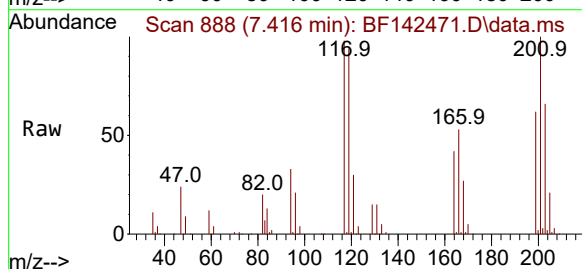
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

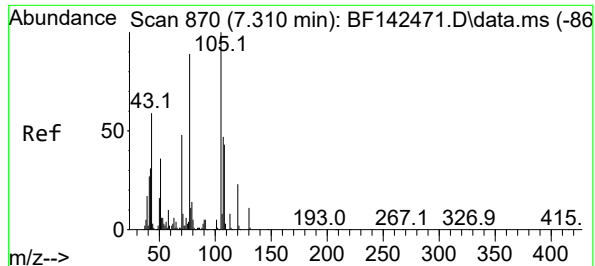
Tgt Ion:107 Resp: 190501
Ion Ratio Lower Upper
107 100
108 112.7 90.2 135.2
77 45.1 36.1 54.1
79 45.3 36.2 54.4



#18
Hexachloroethane
Concen: 38.543 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:117 Resp: 95436
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 101.6 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.083 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.018 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 164556

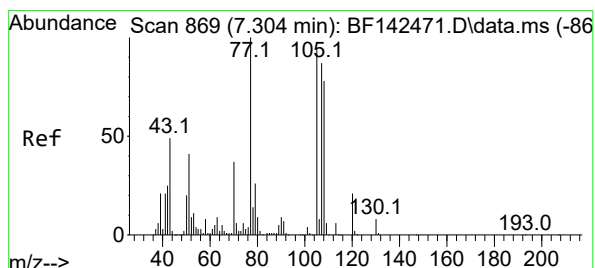
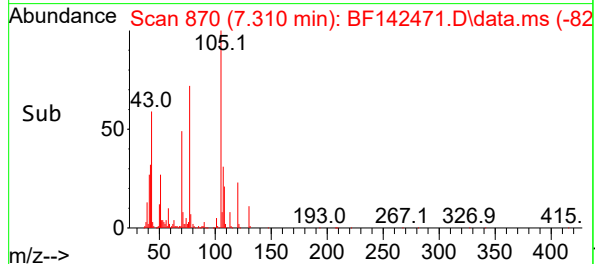
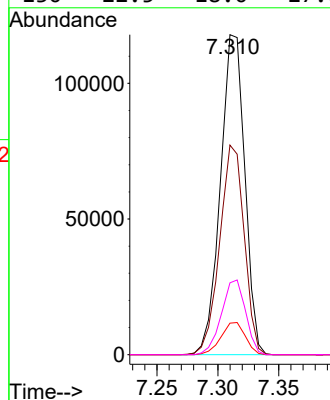
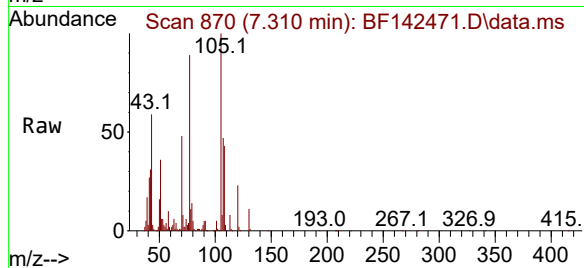
Ion Ratio Lower Upper

70 100

42 65.5 52.4 78.6

101 9.8 7.8 11.8

130 22.5 18.0 27.0



#20

3+4-Methylphenols

Concen: 38.538 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Tgt Ion: 107 Resp: 243075

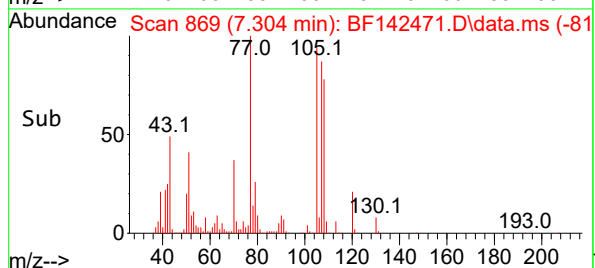
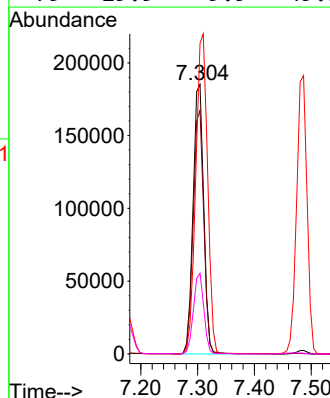
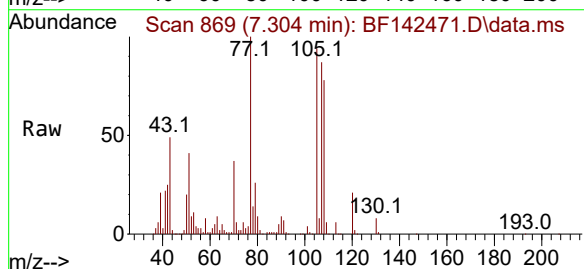
Ion Ratio Lower Upper

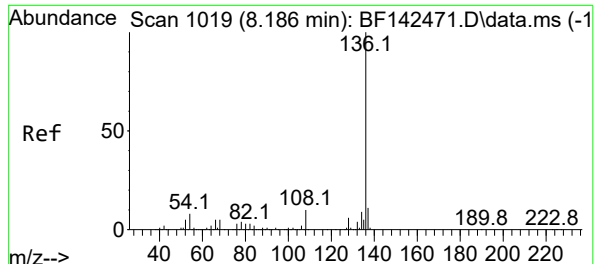
107 100

108 90.4 70.4 110.4

77 115.4 95.4 135.4

79 29.9 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 377433

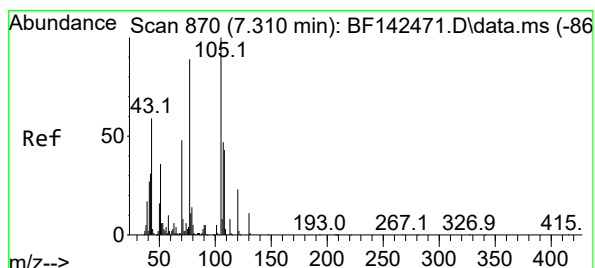
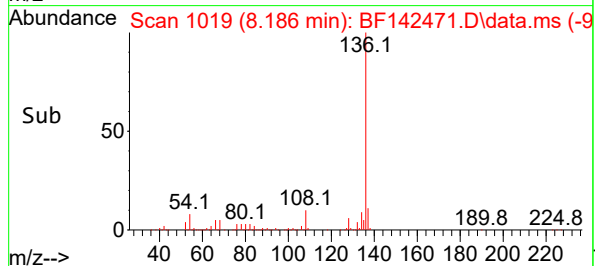
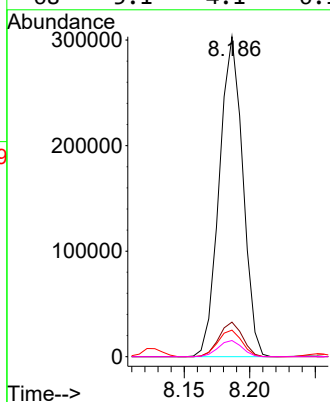
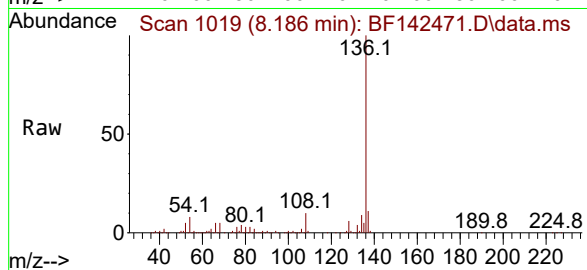
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.3 6.6 10.0

68 5.1 4.1 6.1



#22

Acetophenone

Concen: 38.740 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Tgt Ion:105 Resp: 323676

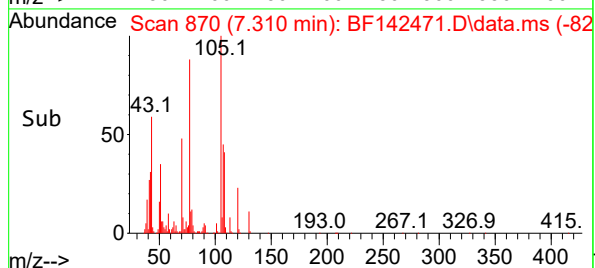
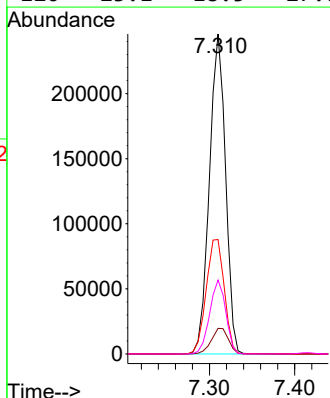
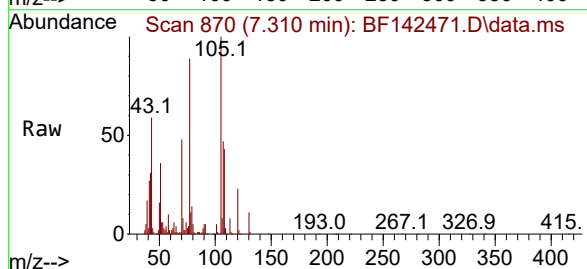
Ion Ratio Lower Upper

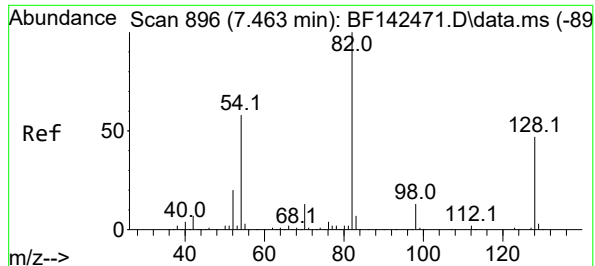
105 100

71 8.0 6.4 9.6

51 35.7 28.6 42.8

120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 77.702 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

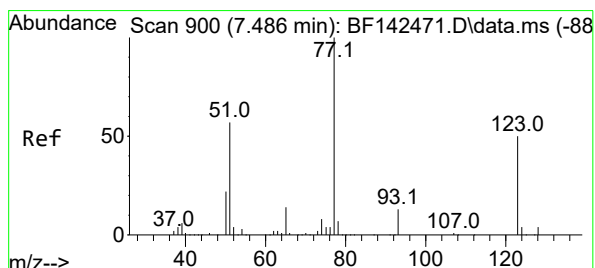
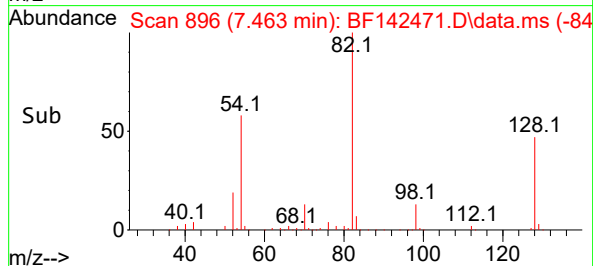
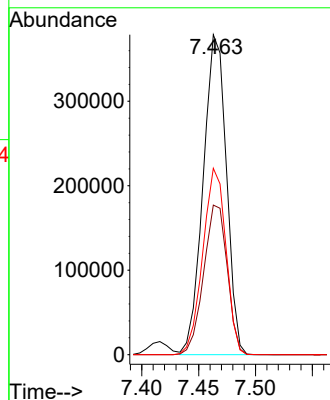
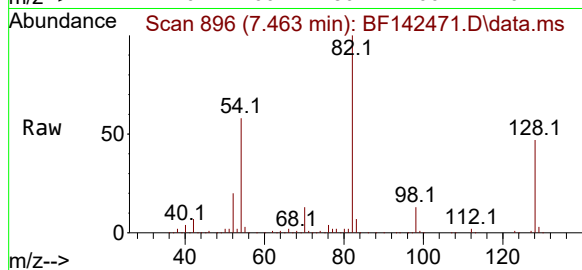
Tgt Ion: 82 Resp: 537832

Ion Ratio Lower Upper

82 100

128 46.8 37.4 56.2

54 58.3 46.6 70.0



#24

Nitrobenzene

Concen: 38.996 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

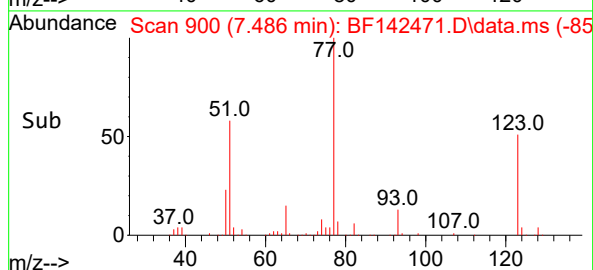
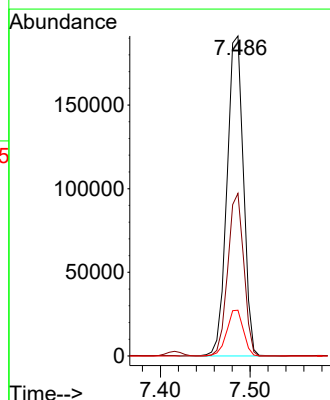
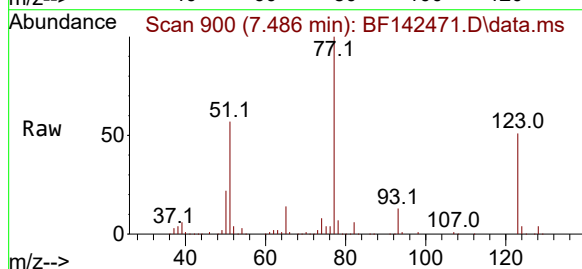
Tgt Ion: 77 Resp: 243446

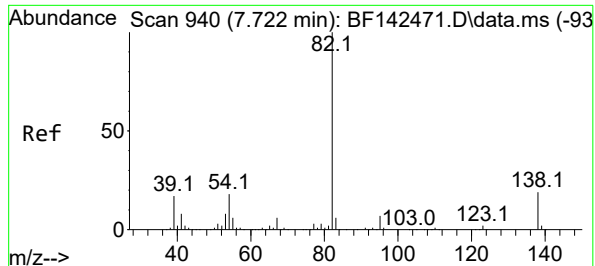
Ion Ratio Lower Upper

77 100

123 50.8 40.6 61.0

65 14.3 11.4 17.2





#25

Isophorone

Concen: 38.653 ng

RT: 7.722 min Scan# 940

Delta R.T. -0.012 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

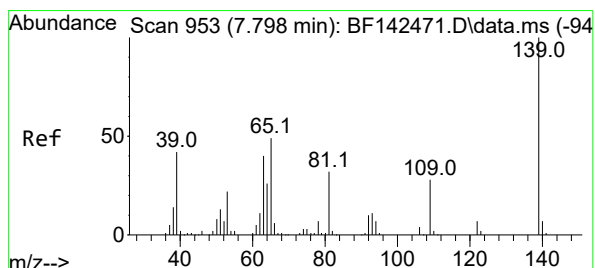
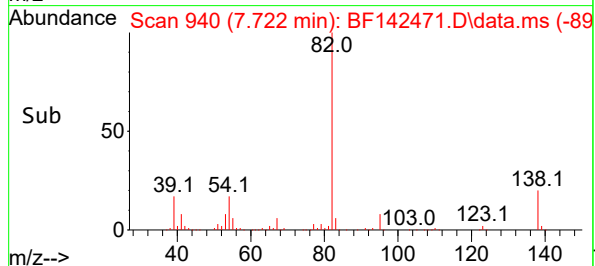
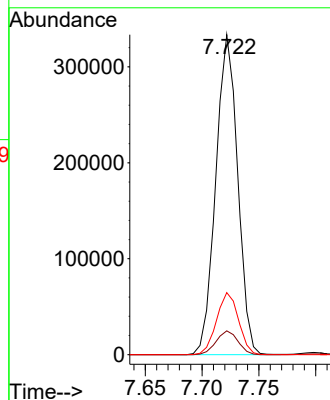
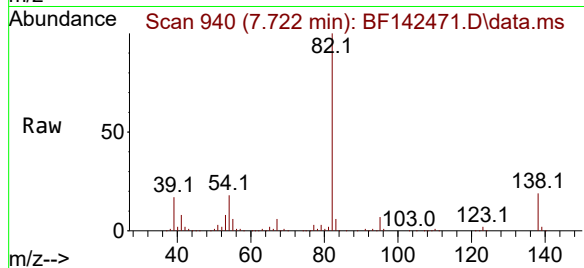
Tgt Ion: 82 Resp: 447323

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 19.4 15.5 23.3



#26

2-Nitrophenol

Concen: 39.646 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

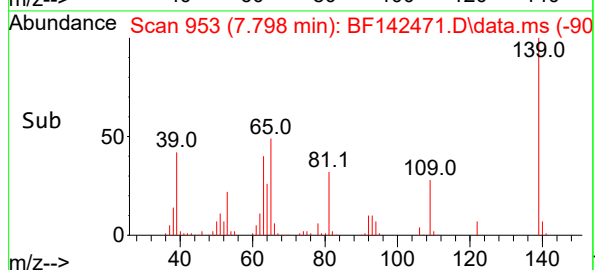
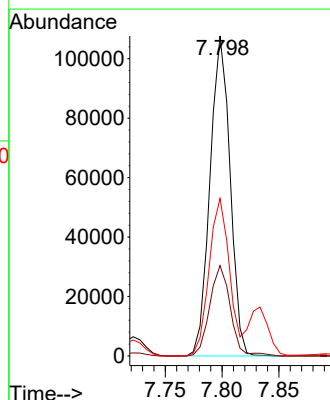
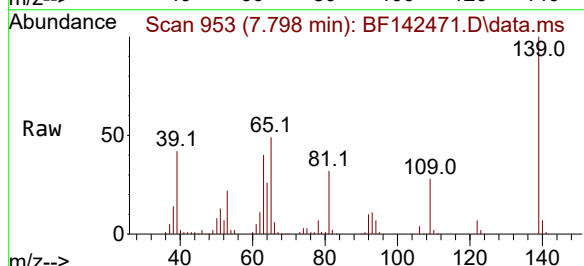
Tgt Ion:139 Resp: 132248

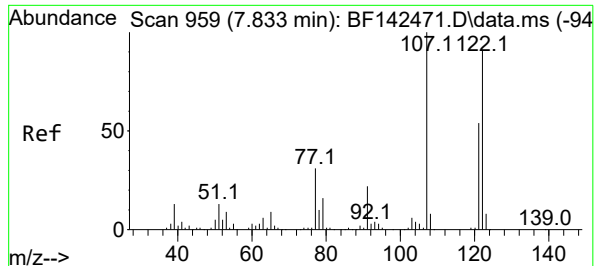
Ion Ratio Lower Upper

139 100

109 28.2 22.6 33.8

65 49.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.858 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

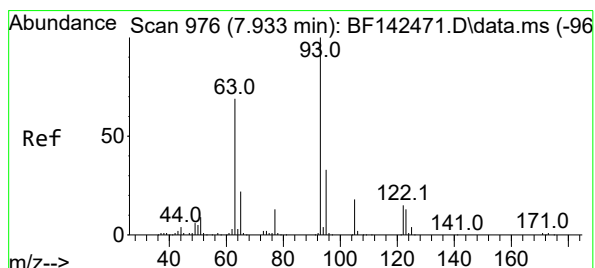
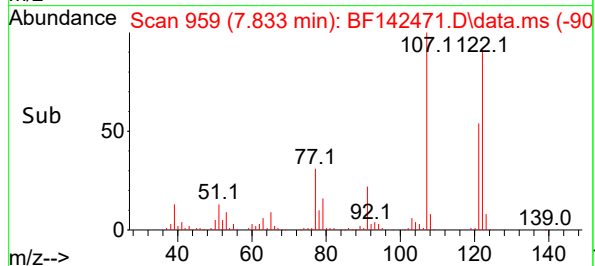
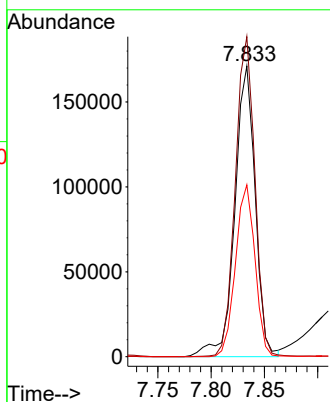
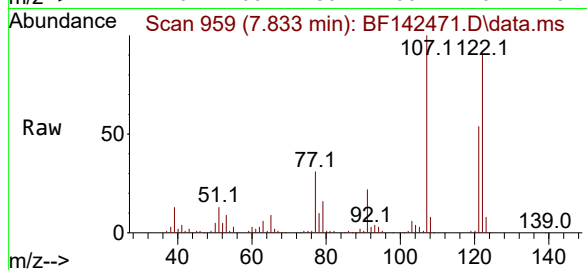
Tgt Ion:122 Resp: 228588

Ion Ratio Lower Upper

122 100

107 110.1 88.1 132.1

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.002 ng

RT: 7.933 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

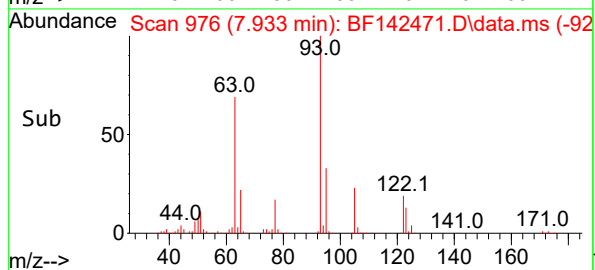
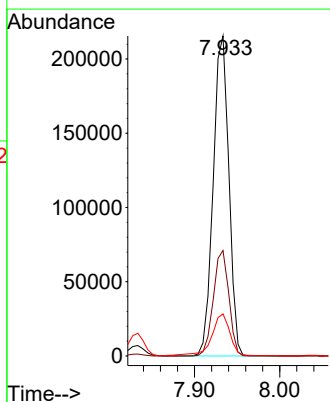
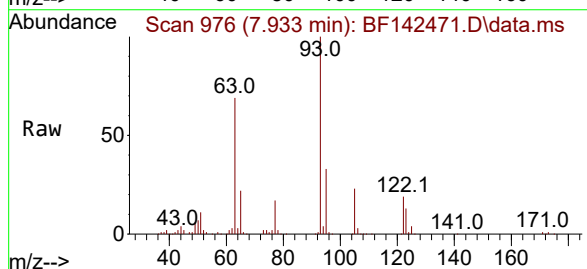
Tgt Ion: 93 Resp: 274724

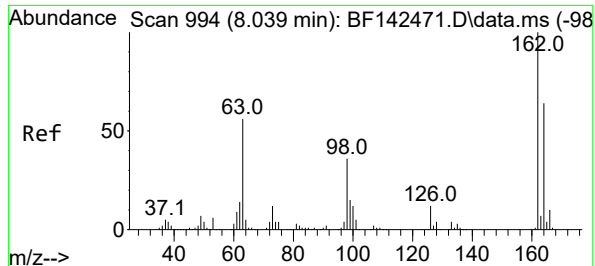
Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 13.2 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 38.963 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

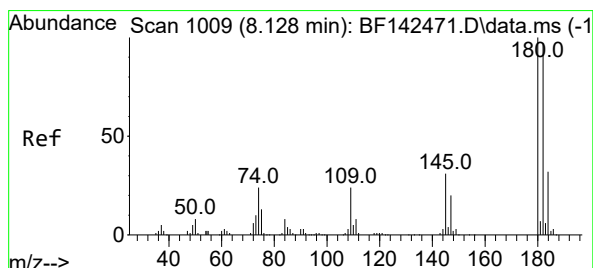
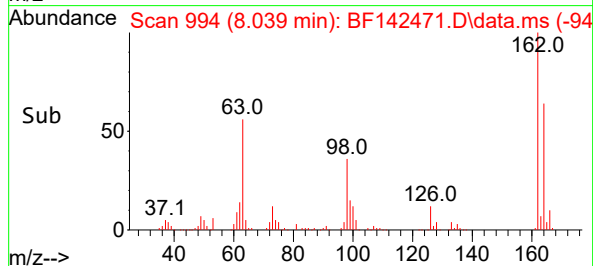
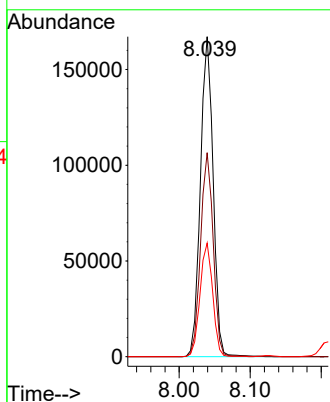
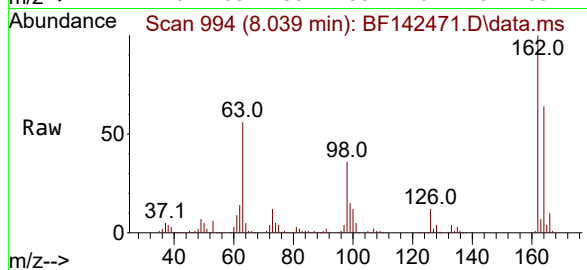
Tgt Ion:162 Resp: 208444

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 35.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 38.342 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

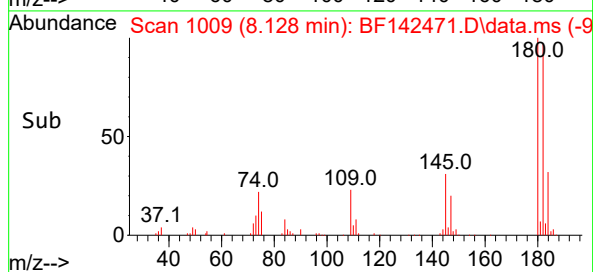
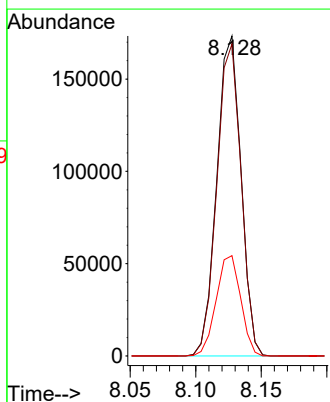
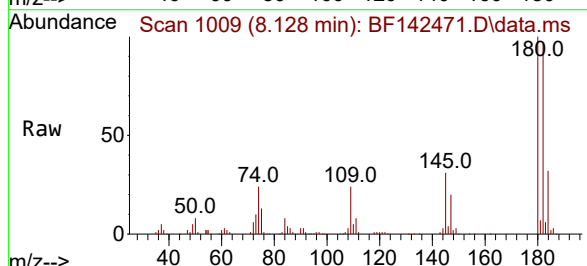
Tgt Ion:180 Resp: 222613

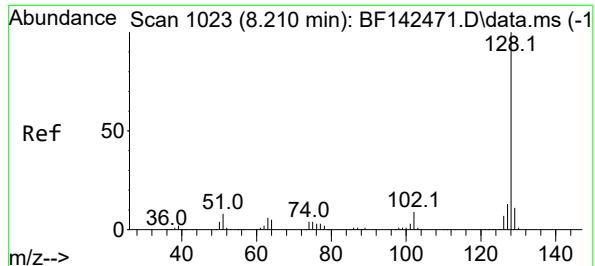
Ion Ratio Lower Upper

180 100

182 97.5 78.0 117.0

145 31.3 25.0 37.6





#31

Naphthalene

Concen: 38.223 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

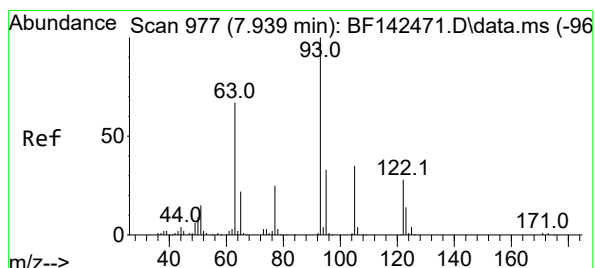
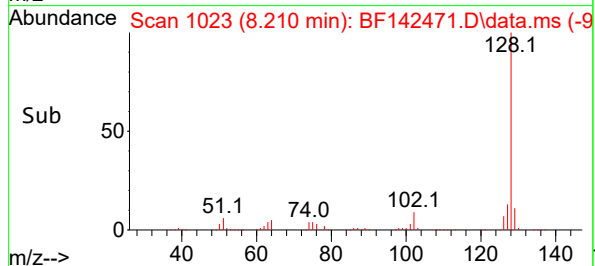
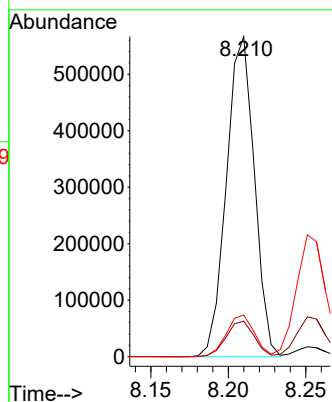
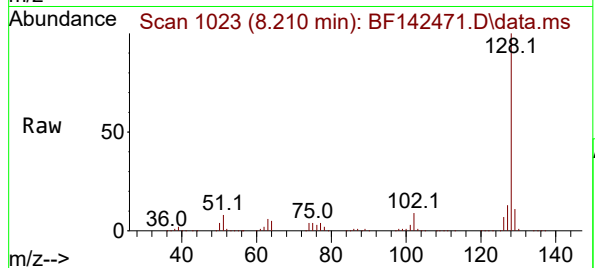
Tgt Ion:128 Resp: 710368

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 39.672 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.036 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

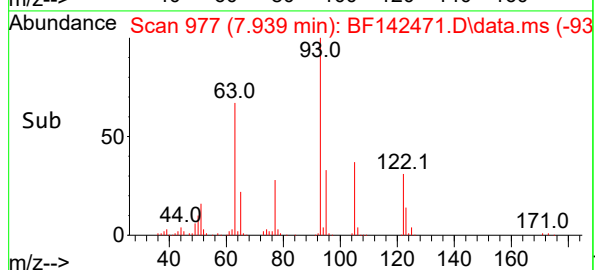
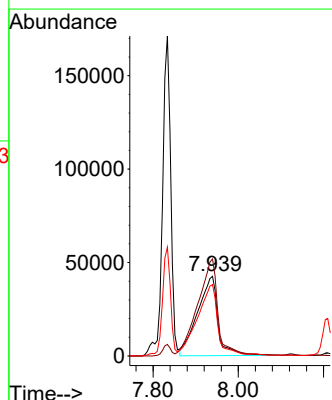
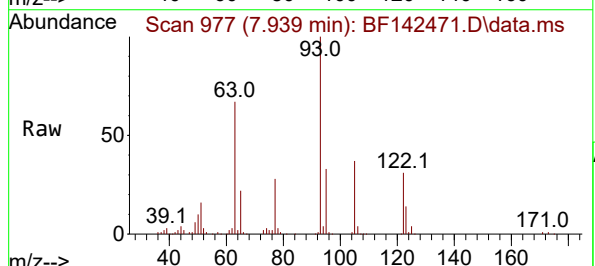
Tgt Ion:122 Resp: 142061

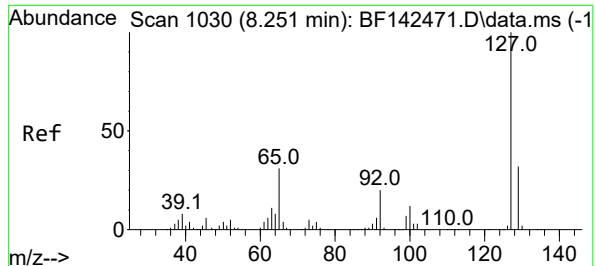
Ion Ratio Lower Upper

122 100

105 121.7 101.7 141.7

77 89.5 69.5 109.5





#33

4-Chloroaniline

Concen: 38.957 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 293373

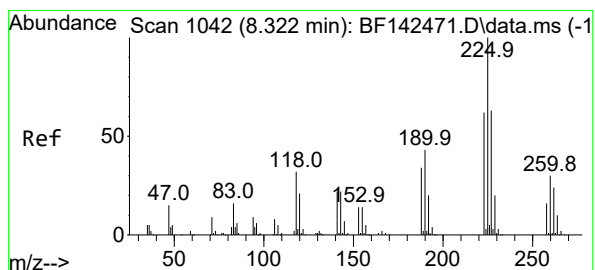
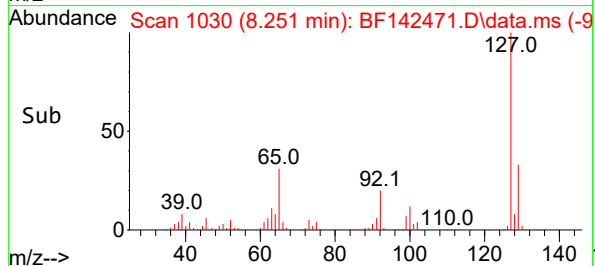
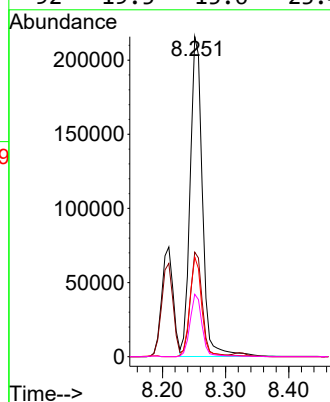
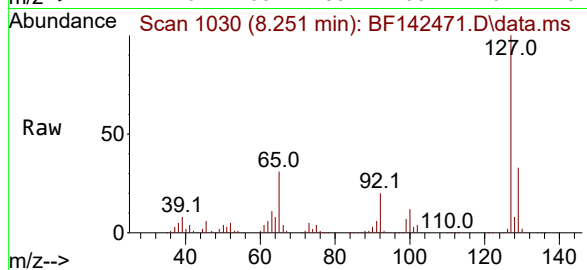
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 31.1 24.9 37.3

92 19.5 15.6 23.4



#34

Hexachlorobutadiene

Concen: 38.949 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

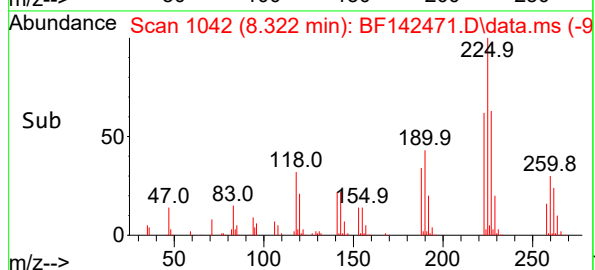
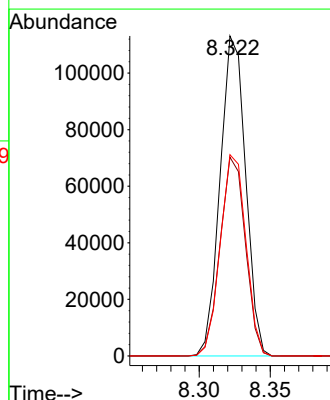
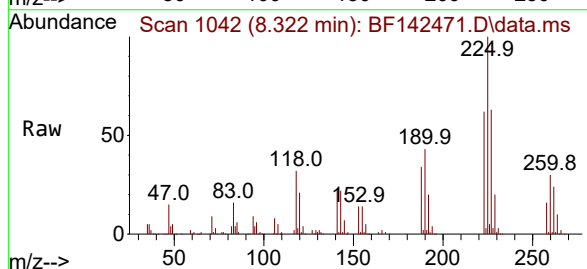
Tgt Ion:225 Resp: 141200

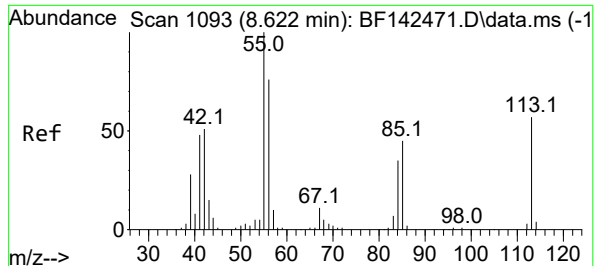
Ion Ratio Lower Upper

225 100

223 62.1 49.7 74.5

227 62.9 50.3 75.5

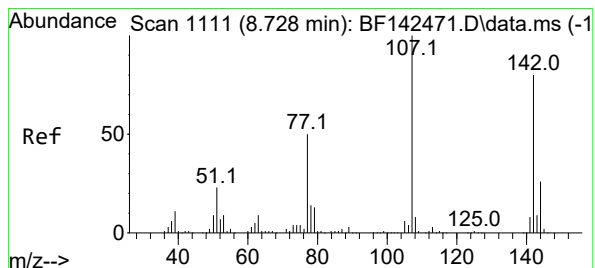
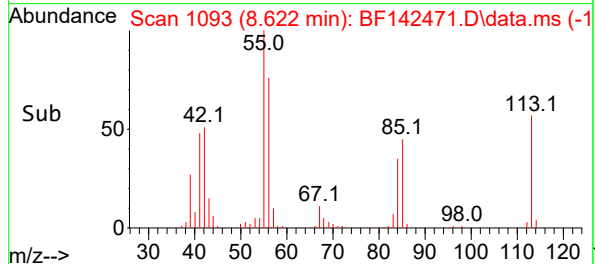
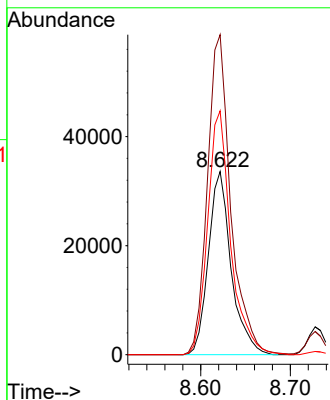
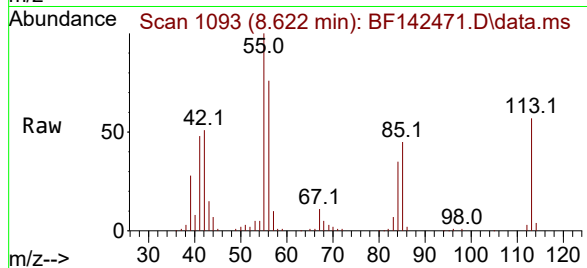




#35
Caprolactam
Concen: 39.473 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

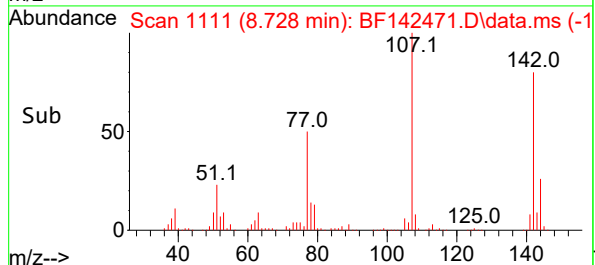
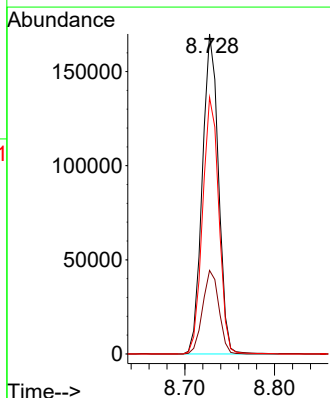
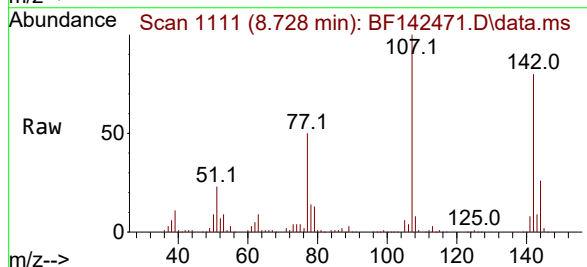
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

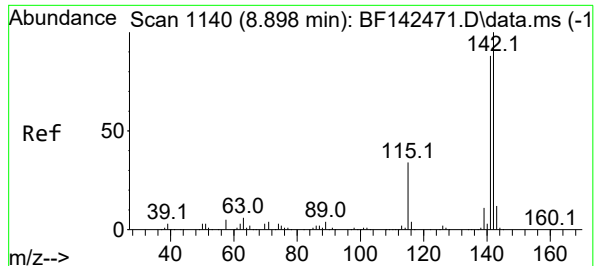
Tgt Ion:113 Resp: 59309
Ion Ratio Lower Upper
113 100
55 174.7 154.7 194.7
56 133.2 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 38.800 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:107 Resp: 212728
Ion Ratio Lower Upper
107 100
144 26.1 20.9 31.3
142 80.2 64.2 96.2

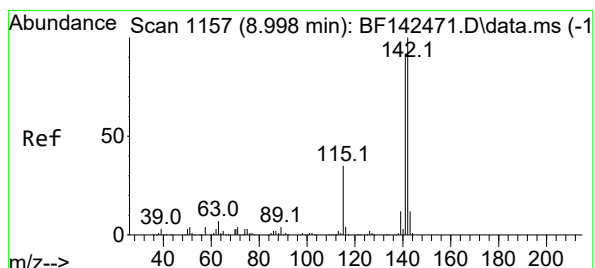
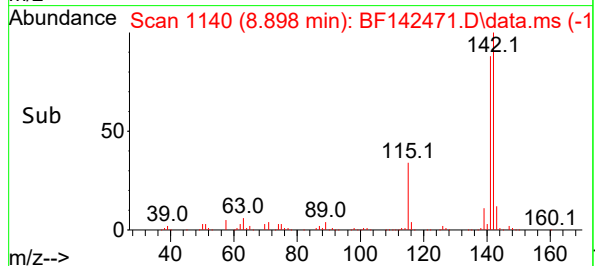
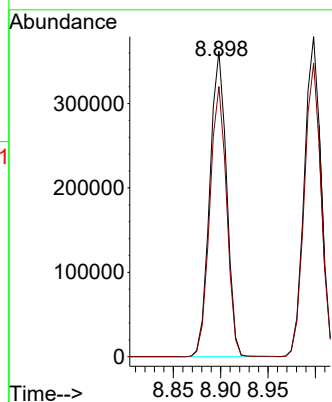
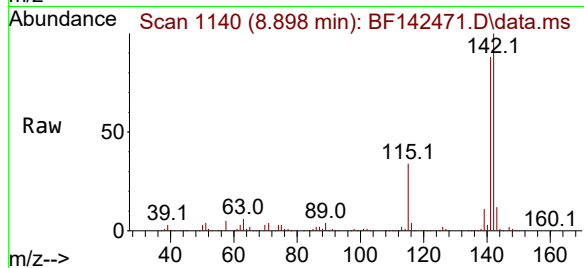




#37
2-Methylnaphthalene
Concen: 38.092 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

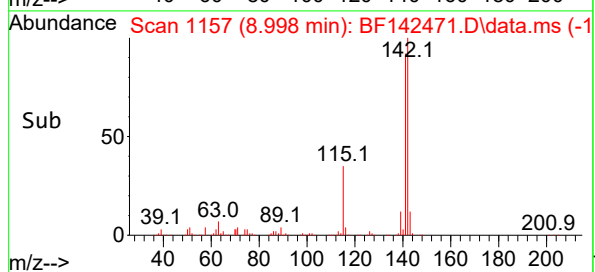
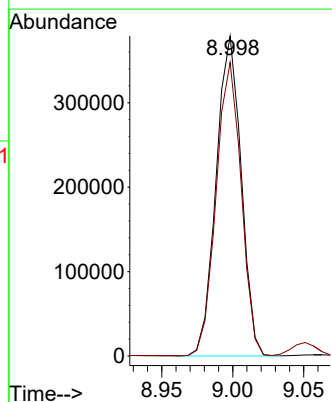
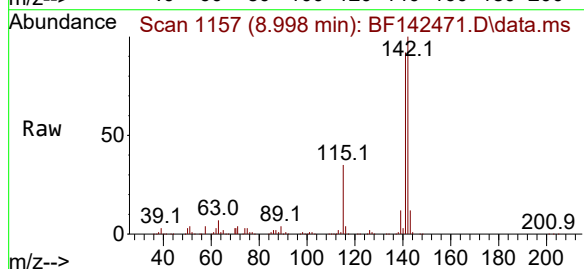
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

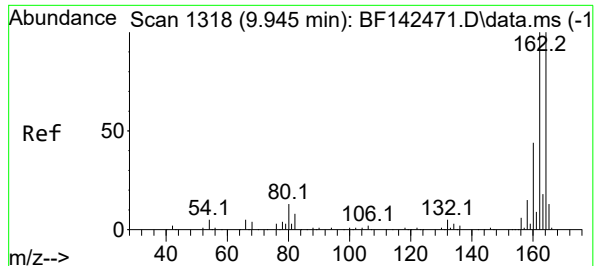
Tgt Ion:142 Resp: 445368
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 38.397 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:142 Resp: 464365
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

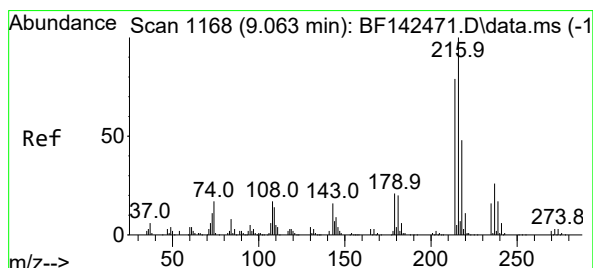
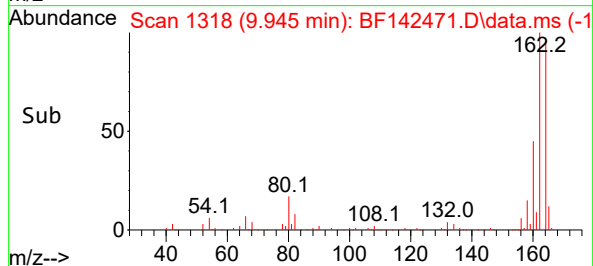
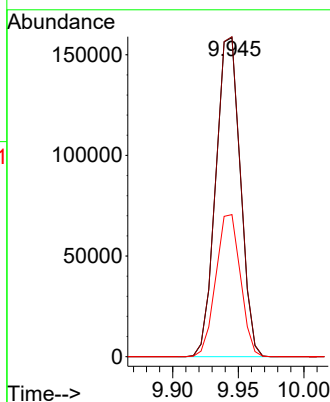
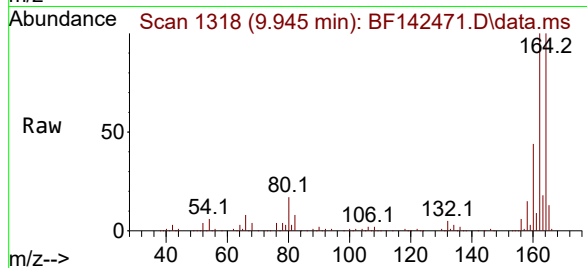
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:164 Resp: 206343

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.4
160	44.5	35.6	53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.439 ng

RT: 9.063 min Scan# 1168

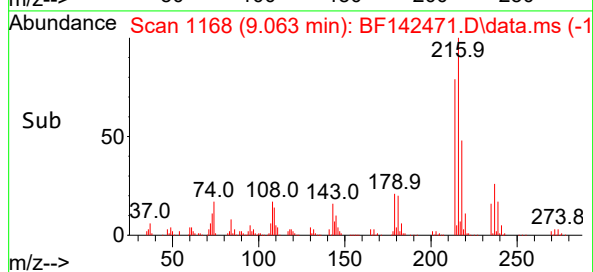
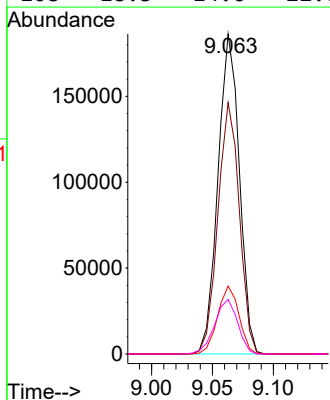
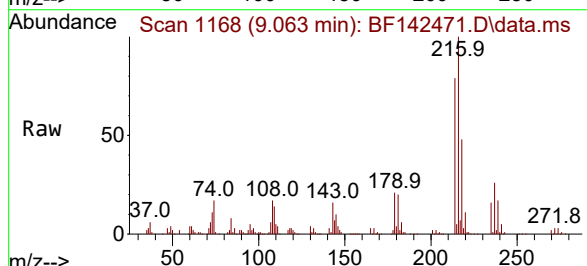
Delta R.T. -0.006 min

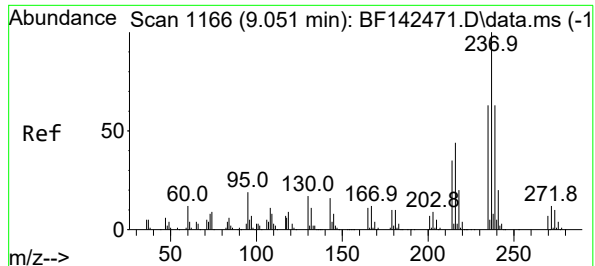
Lab File: BF142471.D

Acq: 20 May 2025 14:05

Tgt Ion:216 Resp: 227685

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.9	94.3
179	21.1	16.9	25.3
108	18.3	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 40.622 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

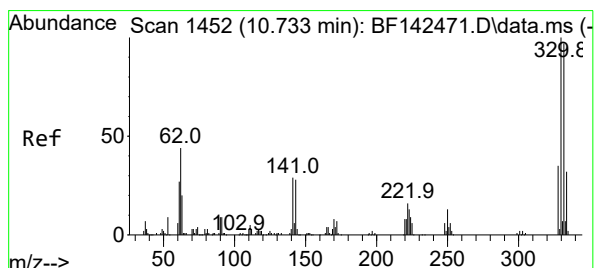
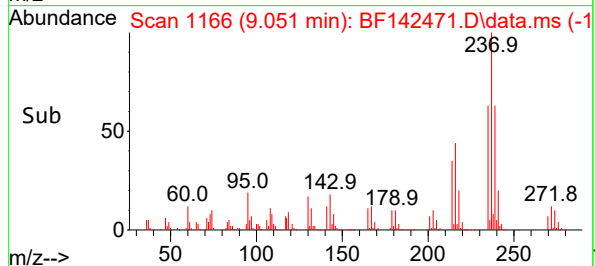
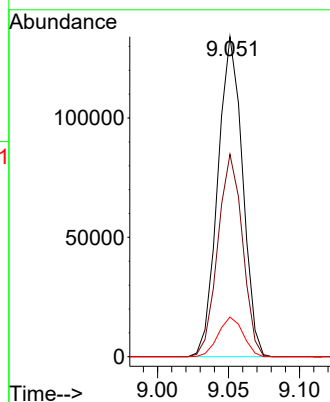
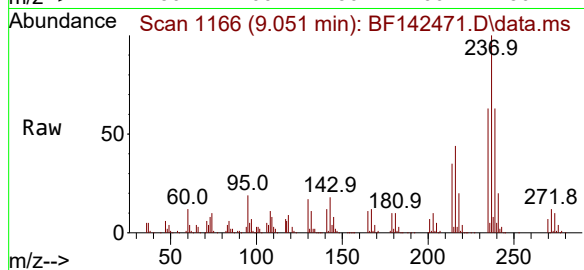
Tgt Ion:237 Resp: 162314

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

272 12.4 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 76.189 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

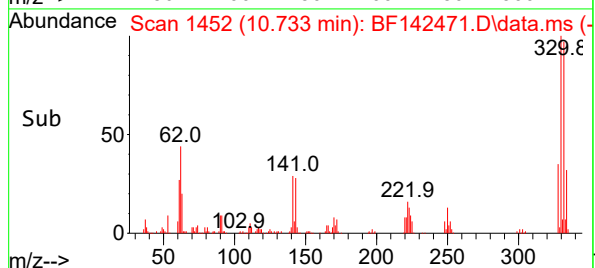
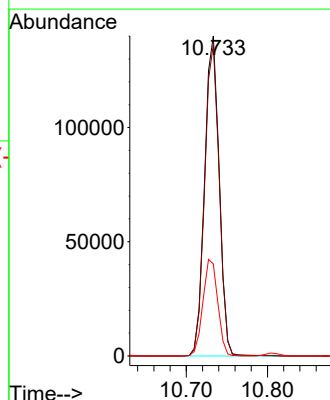
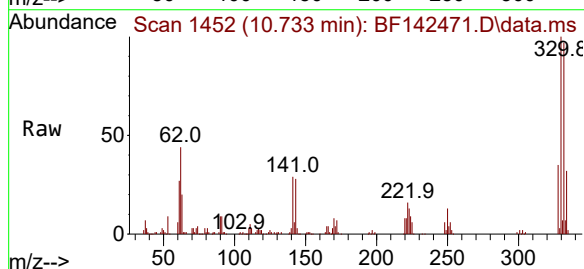
Tgt Ion:330 Resp: 174483

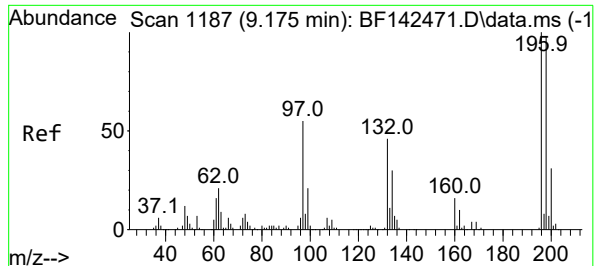
Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 30.7 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 38.383 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

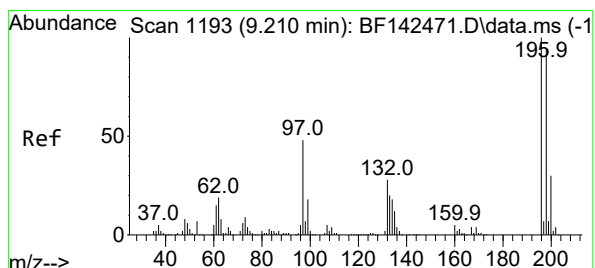
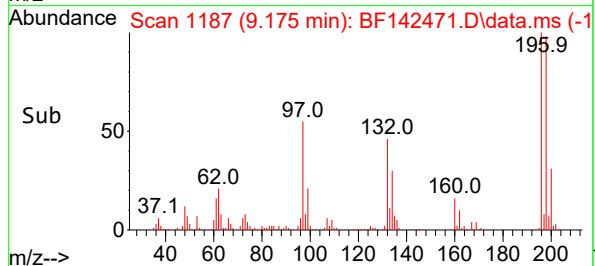
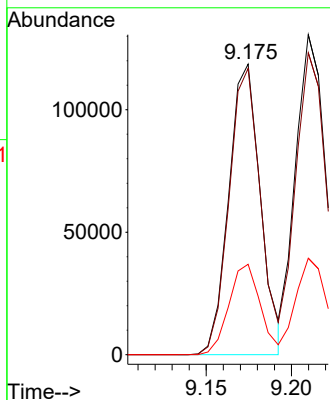
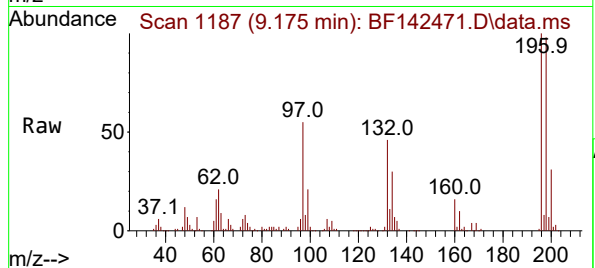
Tgt Ion:196 Resp: 153308

Ion Ratio Lower Upper

196 100

198 98.5 78.8 118.2

200 31.1 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 38.667 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Tgt Ion:196 Resp: 162880

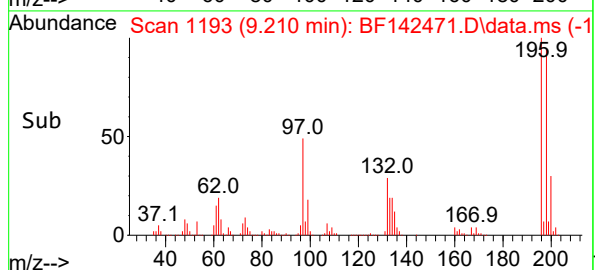
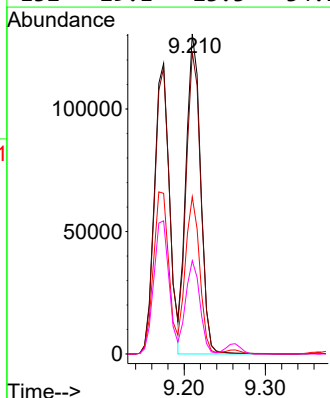
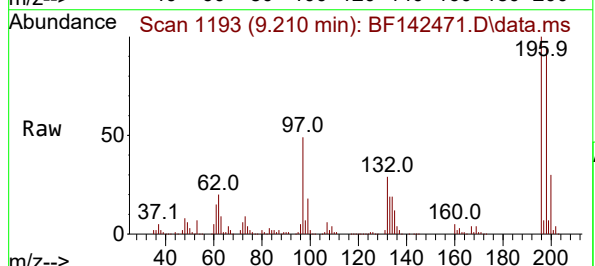
Ion Ratio Lower Upper

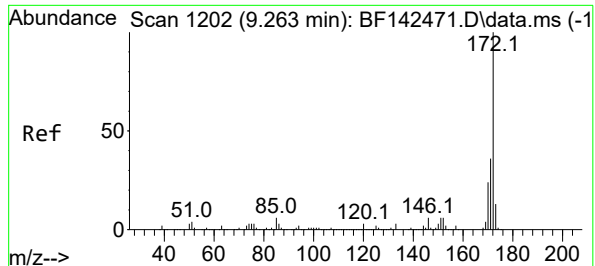
196 100

198 94.4 75.5 113.3

97 49.1 39.3 58.9

132 29.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 74.452 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

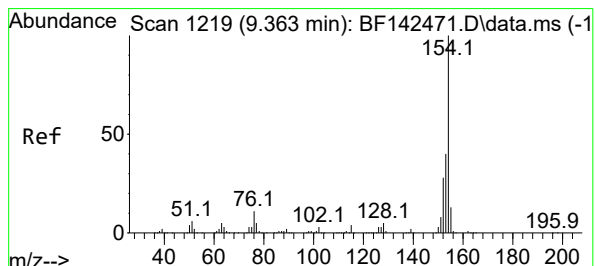
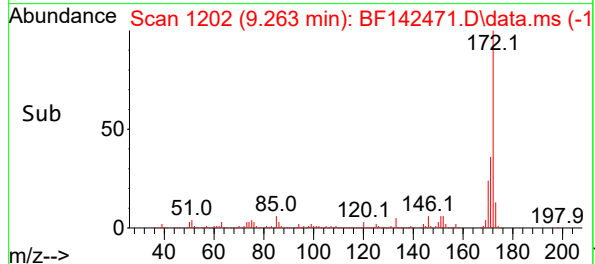
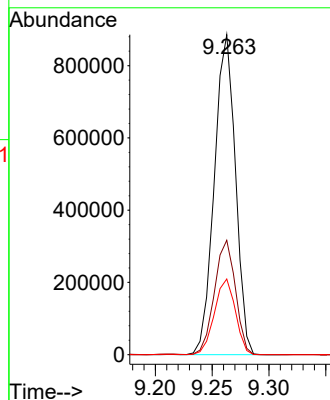
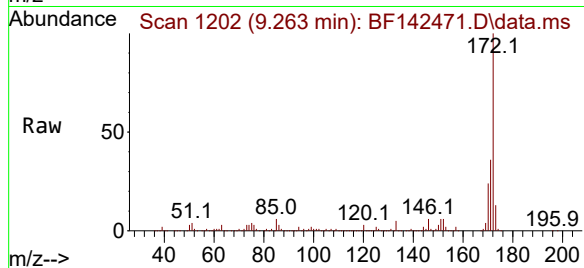
Tgt Ion:172 Resp: 1144883

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 38.146 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

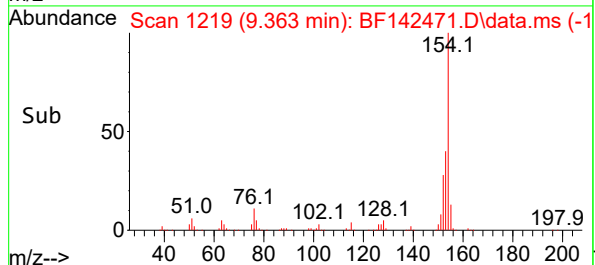
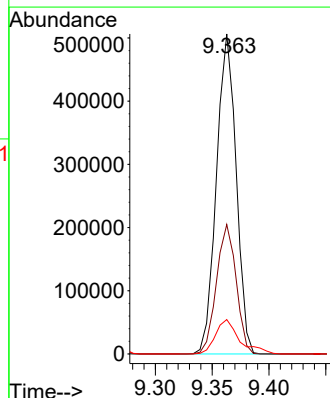
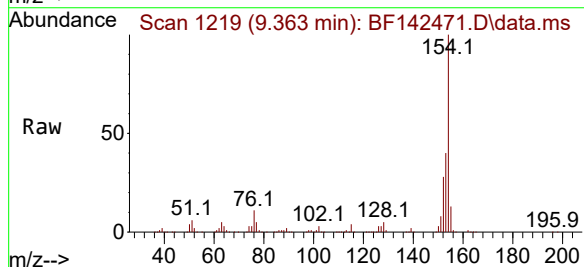
Tgt Ion:154 Resp: 610663

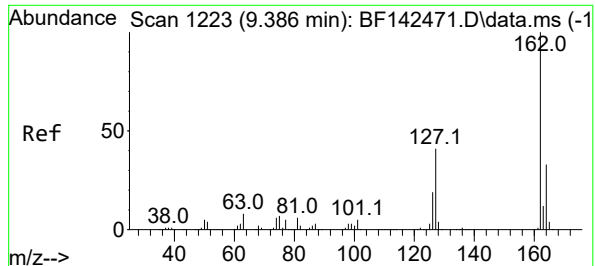
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 38.185 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

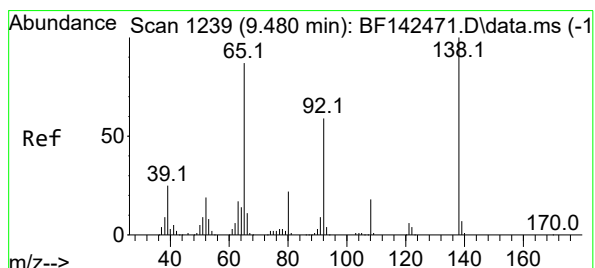
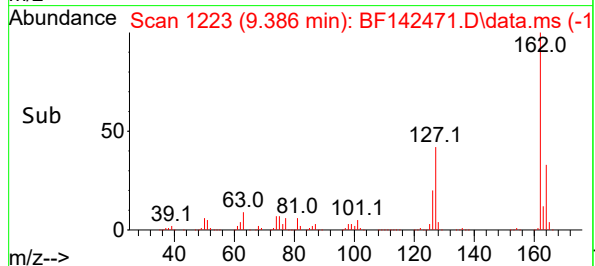
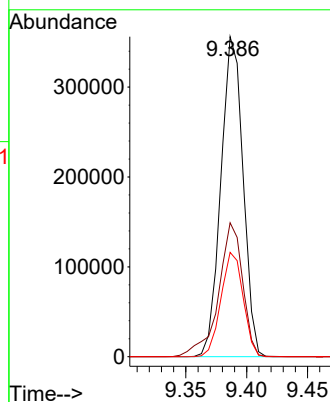
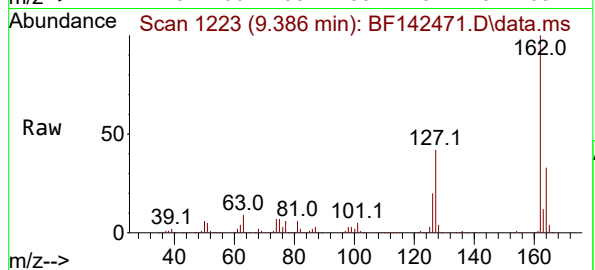
Tgt Ion:162 Resp: 451638

Ion Ratio Lower Upper

162 100

127 41.9 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 39.102 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

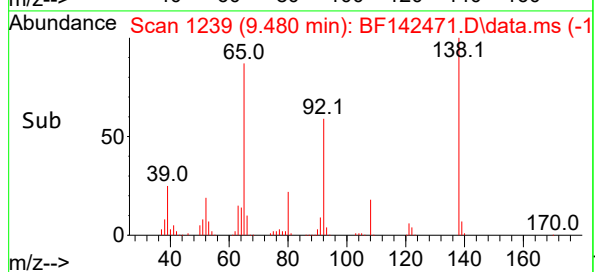
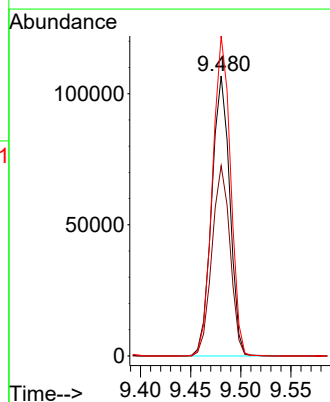
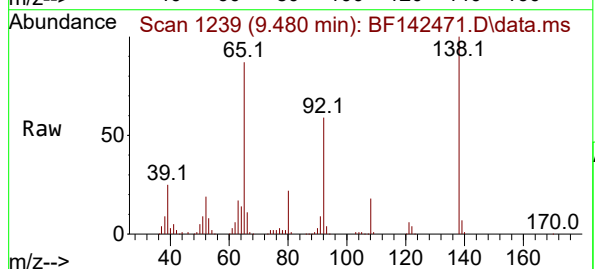
Tgt Ion: 65 Resp: 133679

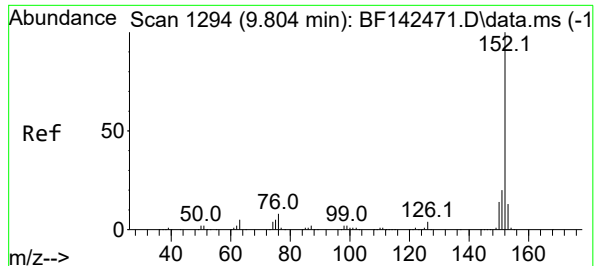
Ion Ratio Lower Upper

65 100

92 68.0 54.4 81.6

138 114.3 91.4 137.2





#49

Acenaphthylene

Concen: 38.240 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

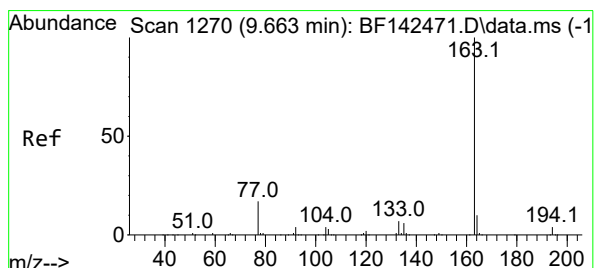
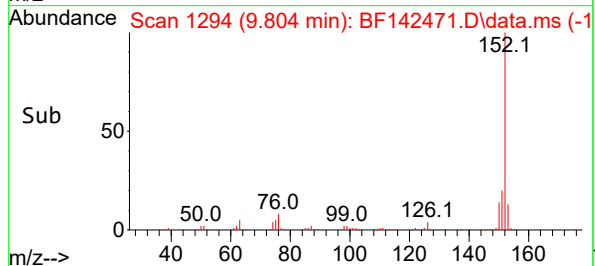
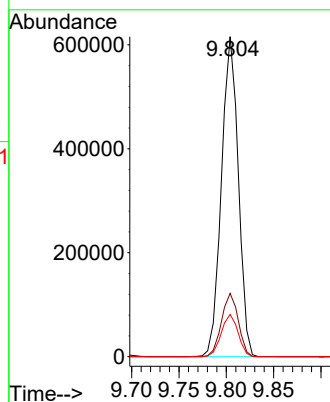
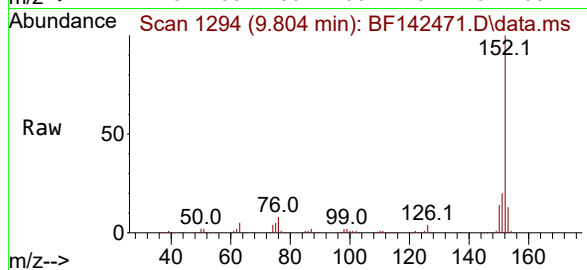
Tgt Ion:152 Resp: 763730

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 38.051 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

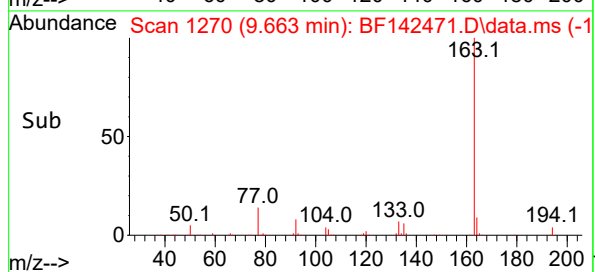
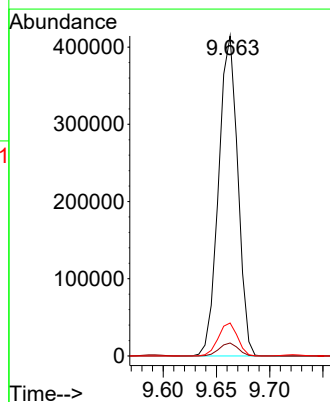
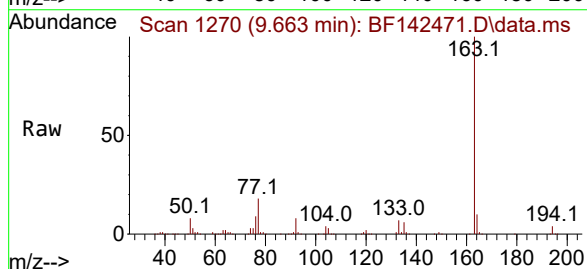
Tgt Ion:163 Resp: 518078

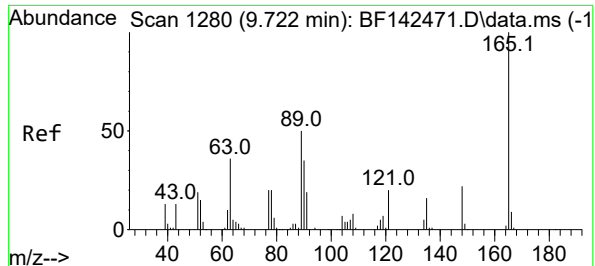
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.2 12.4

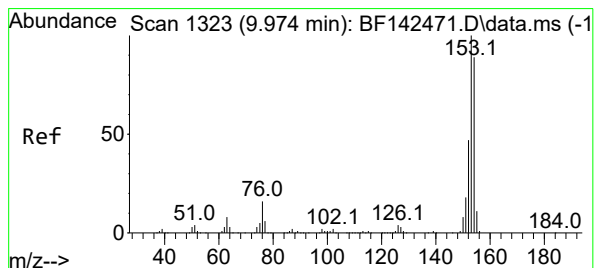
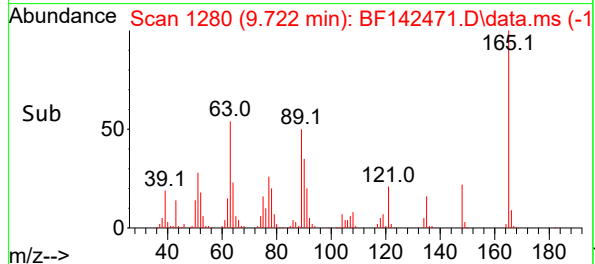
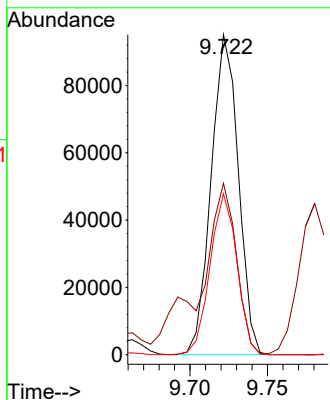
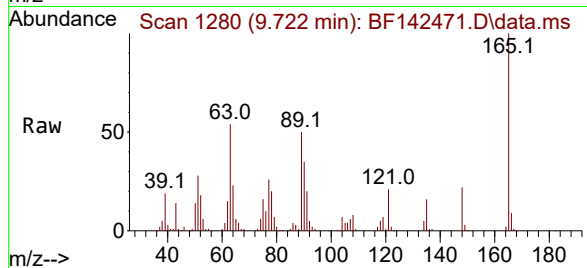




#51
2,6-Dinitrotoluene
Concen: 39.370 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

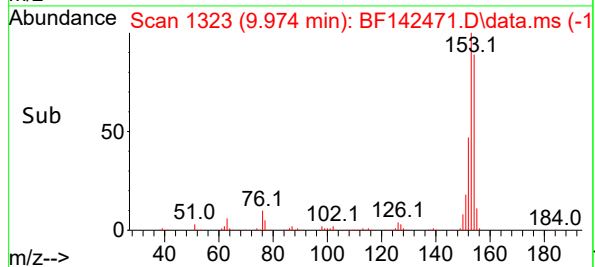
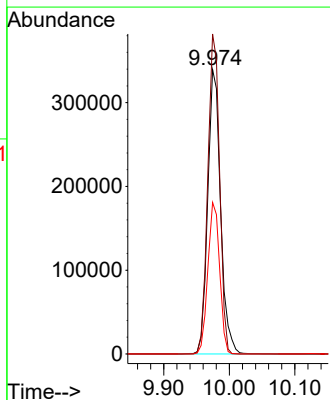
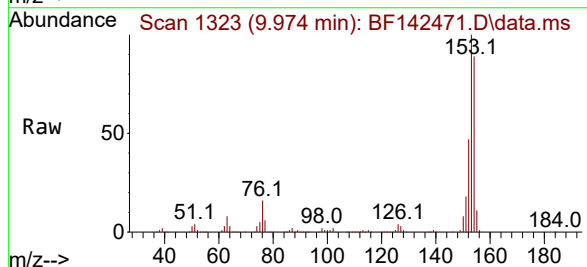
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

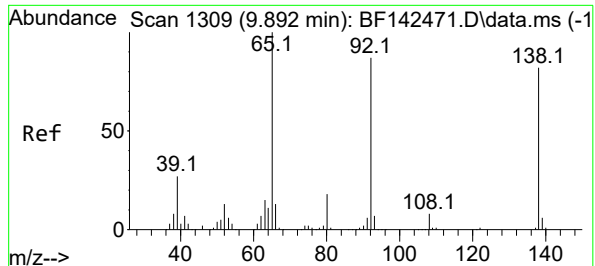
Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.6	42.9	64.3
89	50.3	40.2	60.4



#52
Acenaphthene
Concen: 37.904 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	53.3	42.6	64.0





#53

3-Nitroaniline

Concen: 38.413 ng

RT: 9.892 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF142471.D

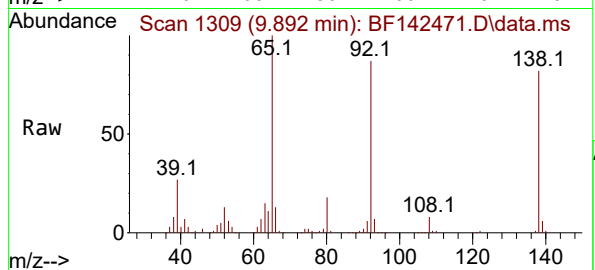
Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



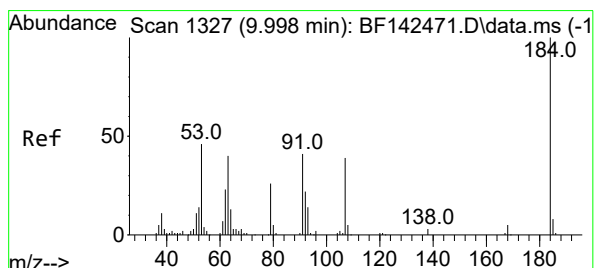
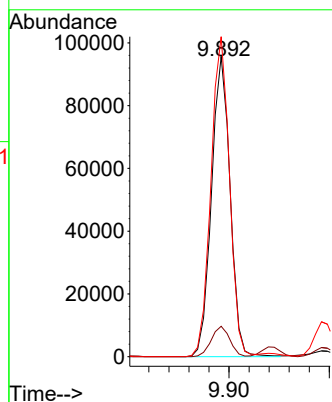
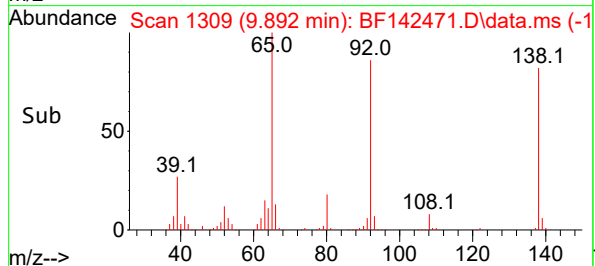
Tgt Ion:138 Resp: 123293

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

92 106.5 85.2 127.8



#54

2,4-Dinitrophenol

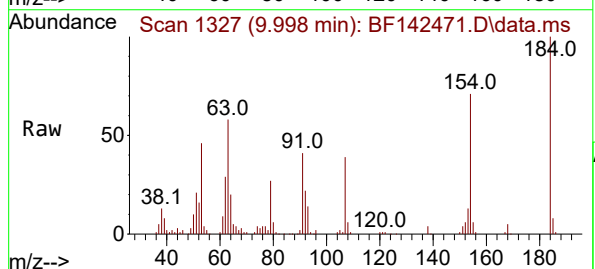
Concen: 40.477 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05



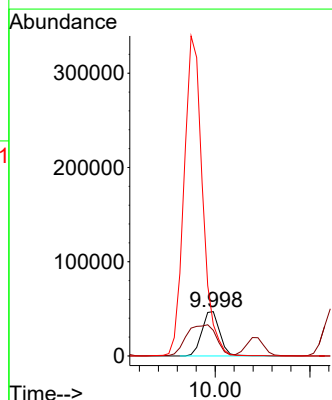
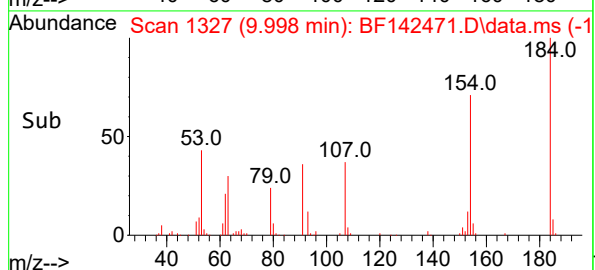
Tgt Ion:184 Resp: 61452

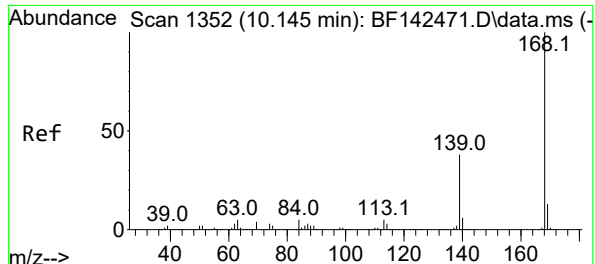
Ion Ratio Lower Upper

184 100

63 57.9 46.3 69.5

154 71.0 56.8 85.2





#55

Dibenzenofuran

Concen: 37.758 ng

RT: 10.145 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

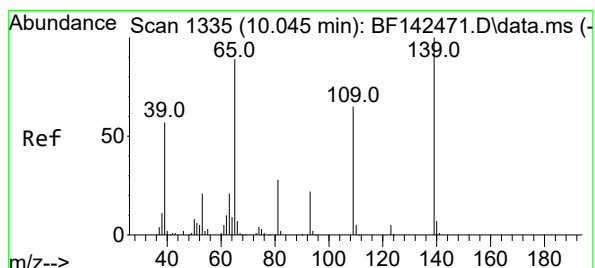
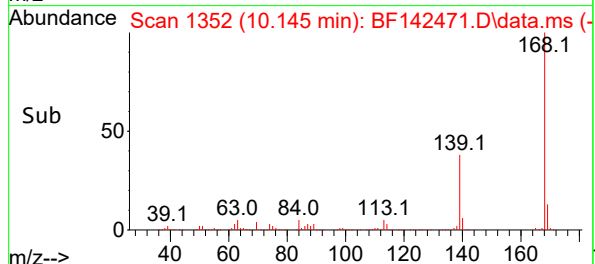
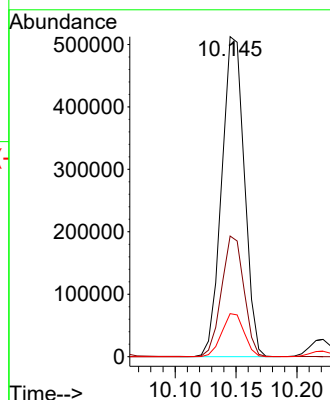
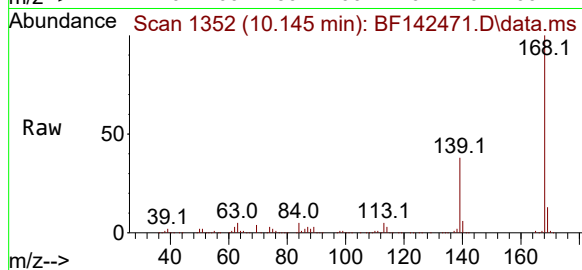
Tgt Ion:168 Resp: 662626

Ion Ratio Lower Upper

168 100

139 37.7 30.2 45.2

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 39.526 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

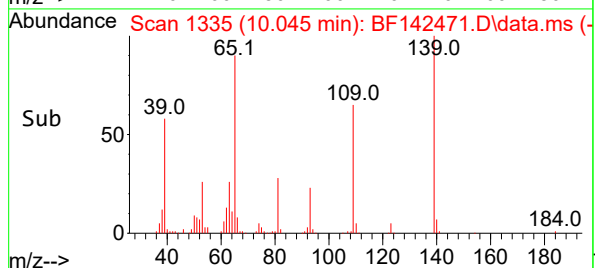
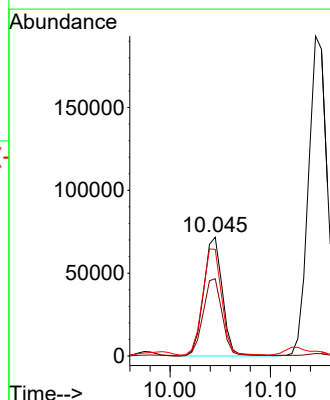
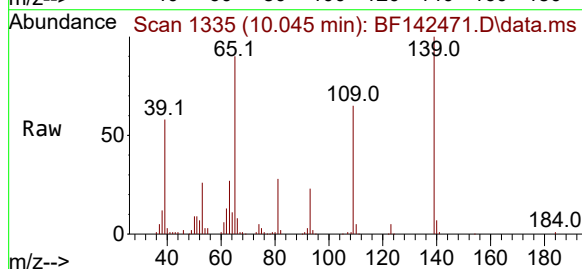
Tgt Ion:139 Resp: 93606

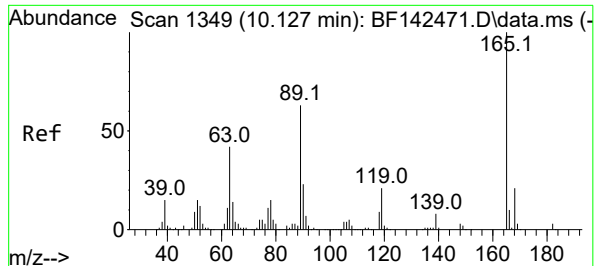
Ion Ratio Lower Upper

139 100

109 65.1 45.1 85.1

65 89.7 69.7 109.7

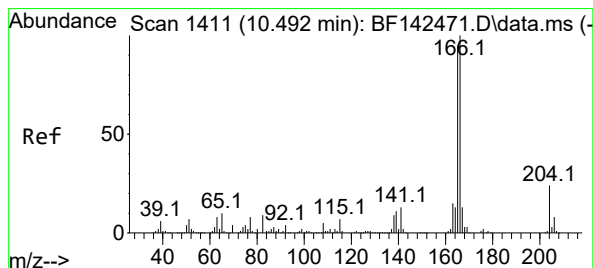
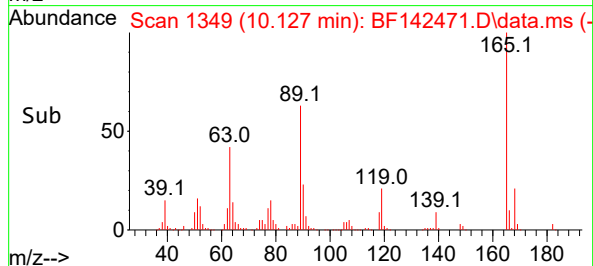
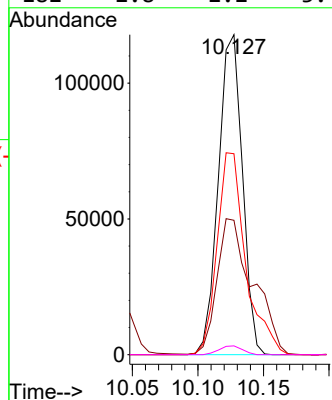
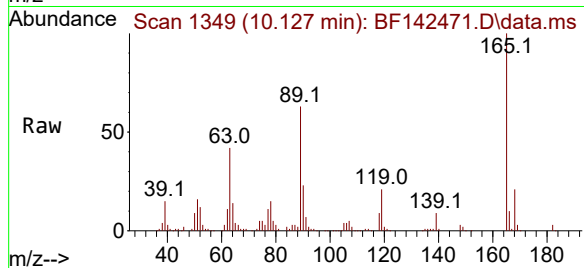




#57
2,4-Dinitrotoluene
Concen: 39.095 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

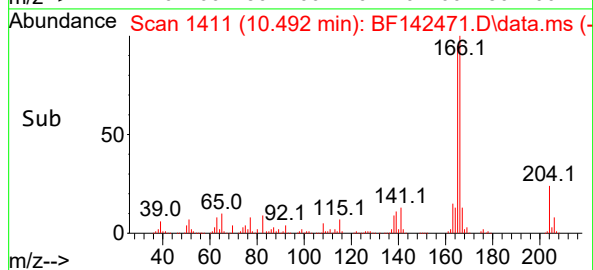
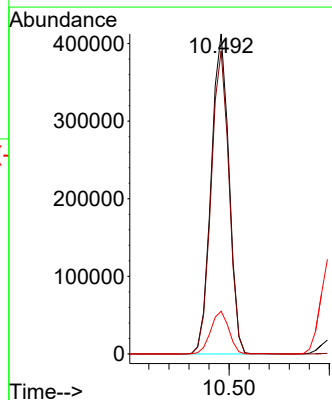
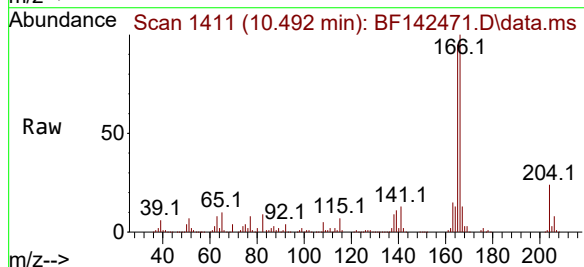
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

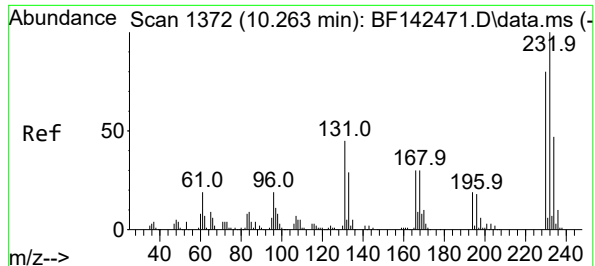
Tgt Ion:165 Resp: 150036
Ion Ratio Lower Upper
165 100
63 42.0 33.6 50.4
89 62.8 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 37.457 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:166 Resp: 507836
Ion Ratio Lower Upper
166 100
165 94.8 75.8 113.8
167 13.3 10.6 16.0

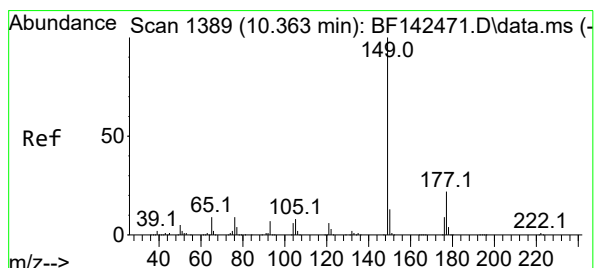
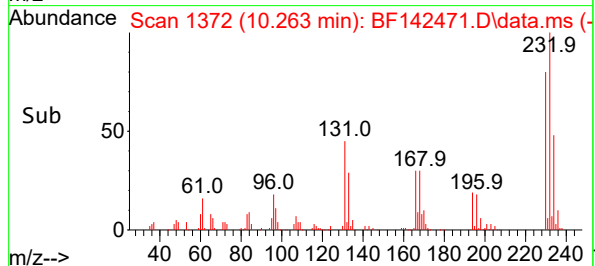
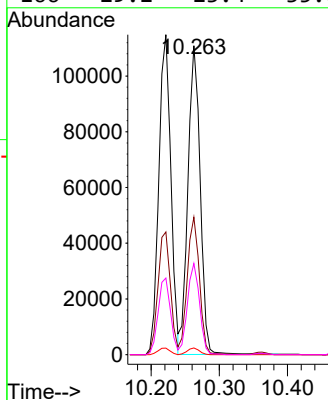
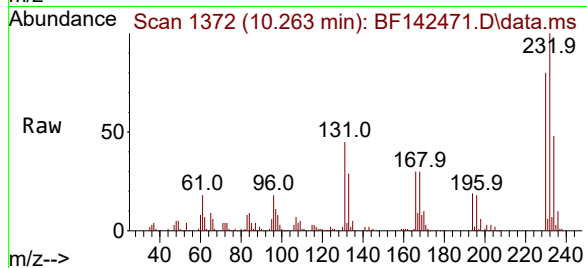




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.022 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

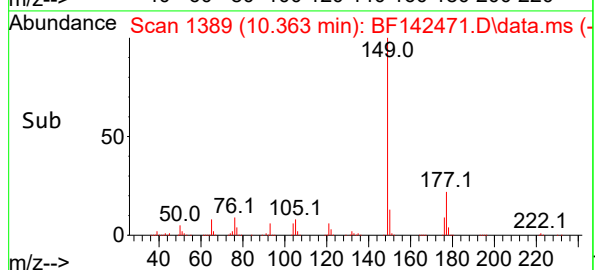
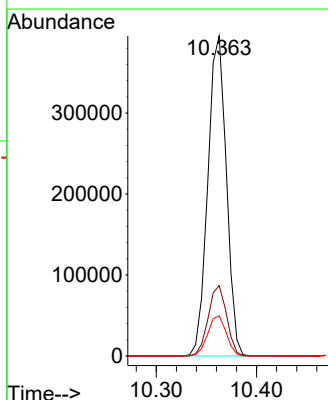
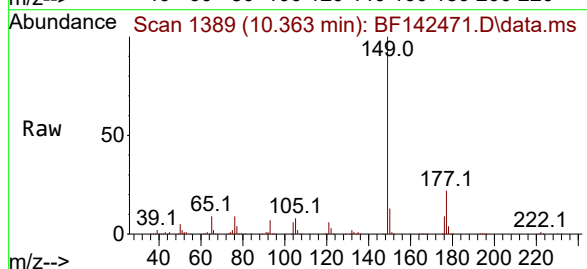
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

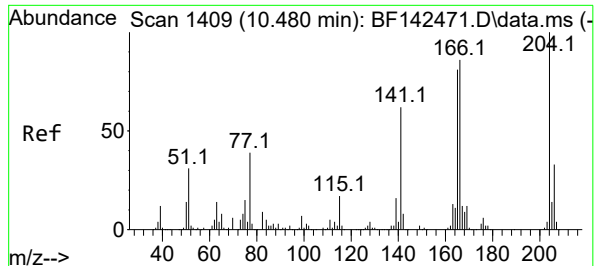
Tgt Ion:232 Resp: 137225
Ion Ratio Lower Upper
232 100
131 44.0 35.2 52.8
130 2.1 1.7 2.5
166 29.2 23.4 35.0



#60
Diethylphthalate
Concen: 38.217 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 508183
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.6 10.1 15.1

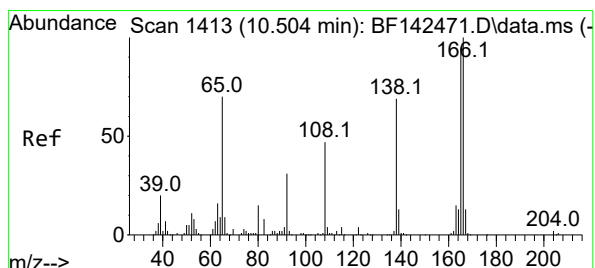
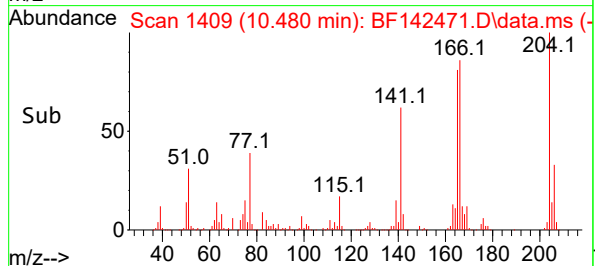
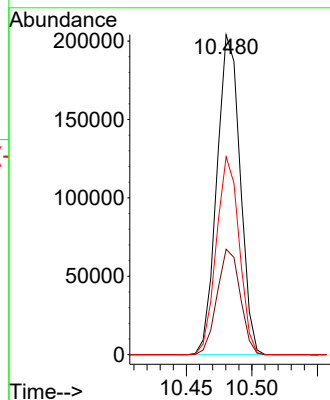
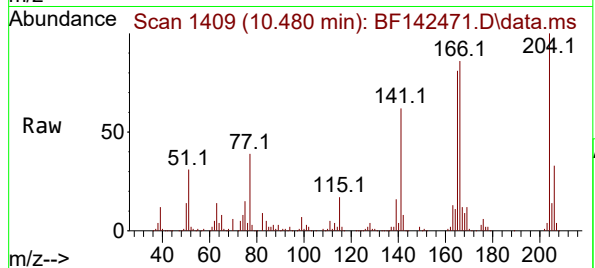




#61
4-Chlorophenyl-phenylether
Concen: 37.706 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

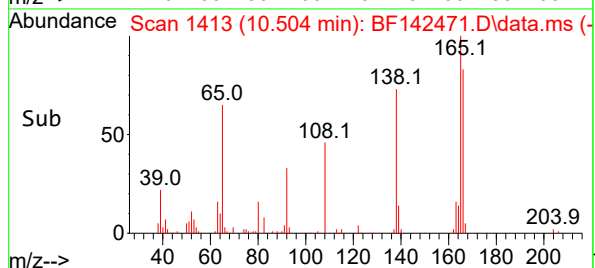
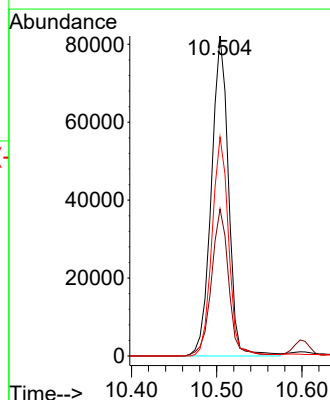
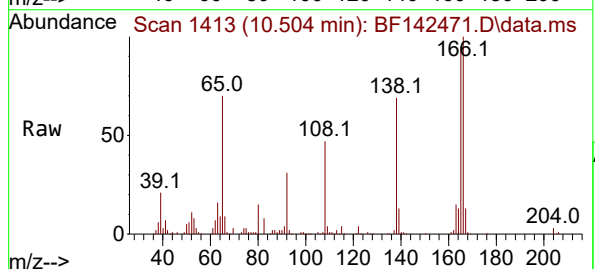
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

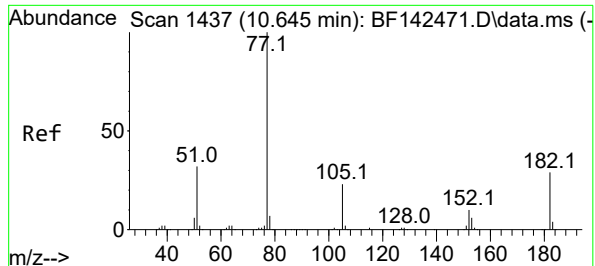
Tgt Ion:204 Resp: 251129
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 61.9 49.5 74.3



#62
4-Nitroaniline
Concen: 39.253 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:138 Resp: 114265
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 68.4 48.4 88.4

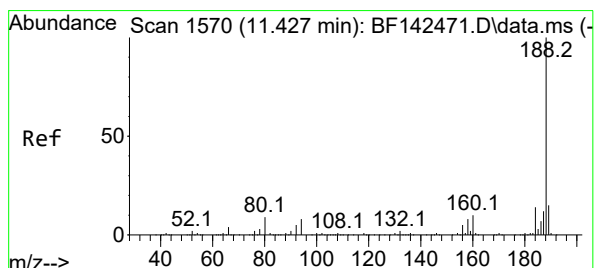
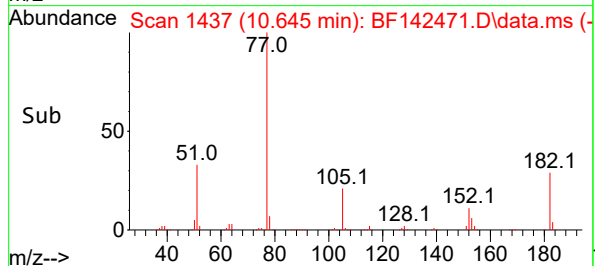
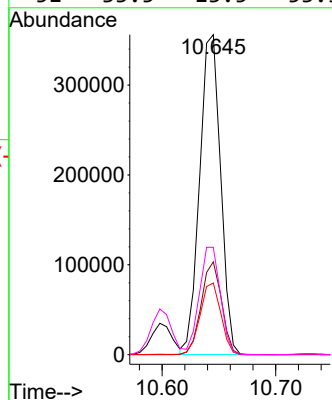
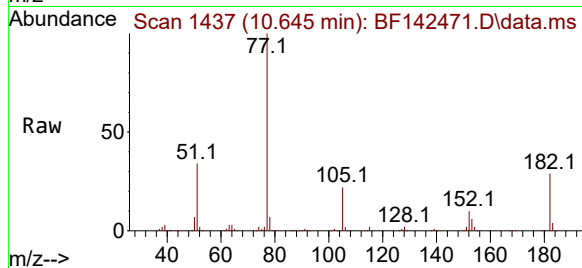




#63
Azobenzene
Concen: 38.246 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

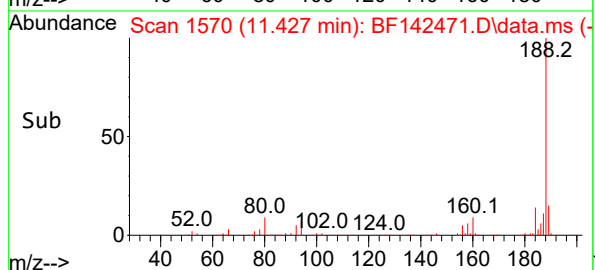
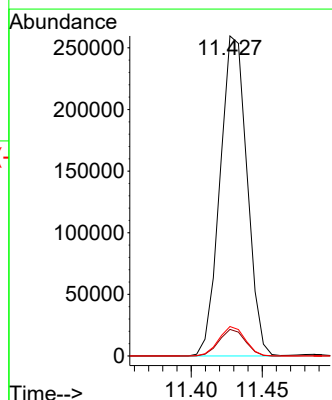
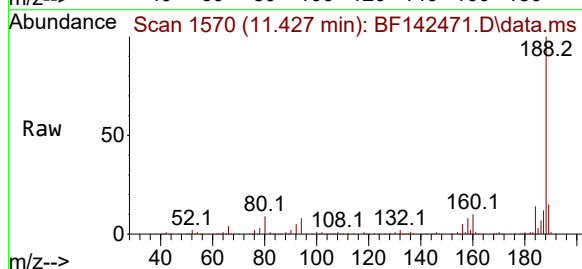
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

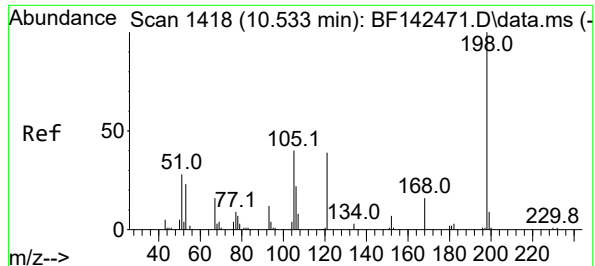
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.0	49.0
105	22.4	2.4	42.4
51	33.5	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.2	7.4	11.0

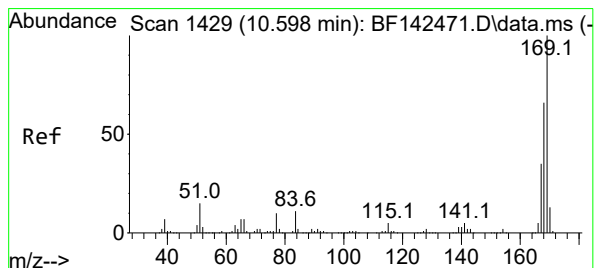
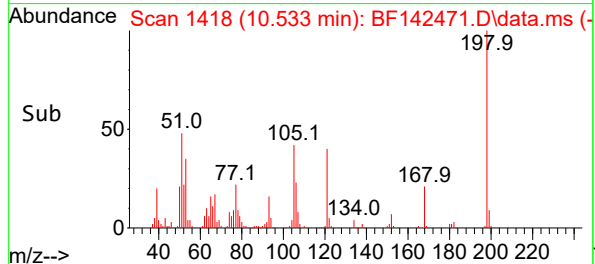
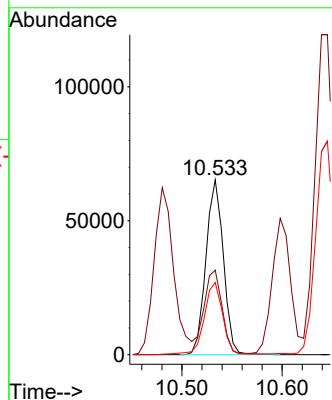
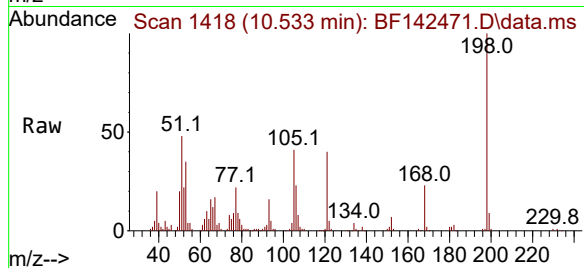




#65
4,6-Dinitro-2-methylphenol
Concen: 41.326 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

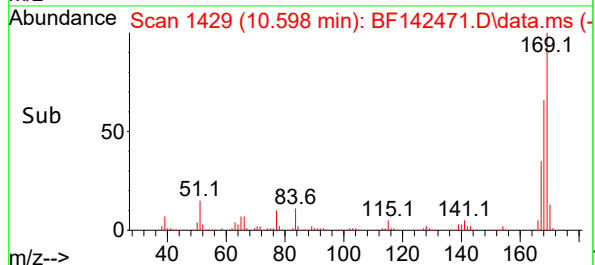
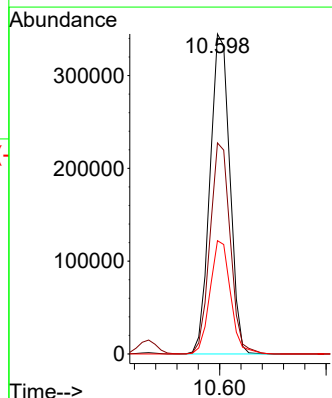
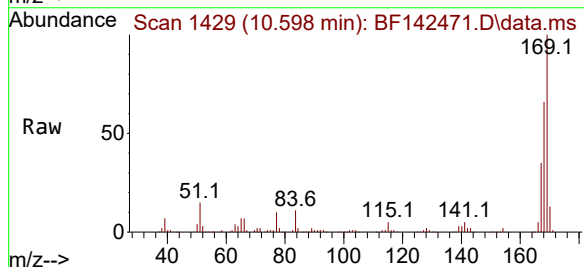
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

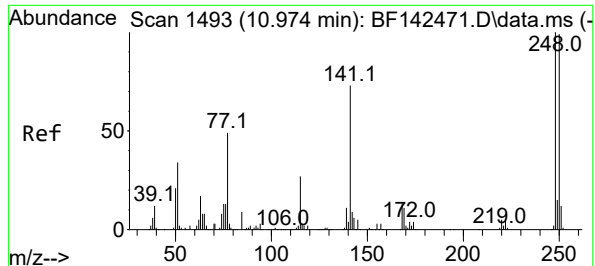
Tgt Ion:198 Resp: 79121
Ion Ratio Lower Upper
198 100
51 48.3 28.3 68.3
105 41.3 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 37.917 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:169 Resp: 445033
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 35.4 28.3 42.5

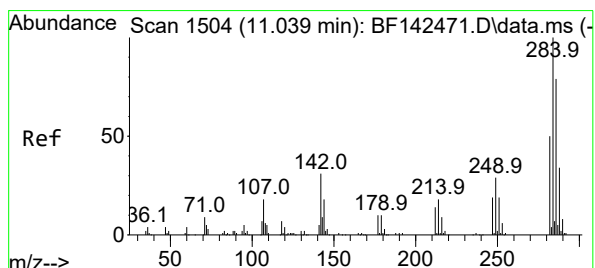
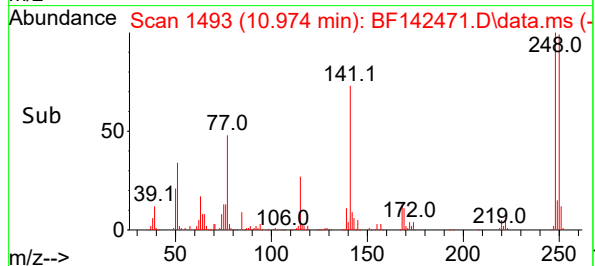
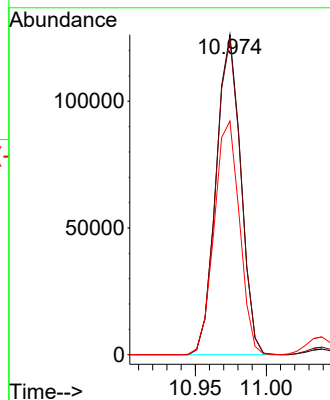
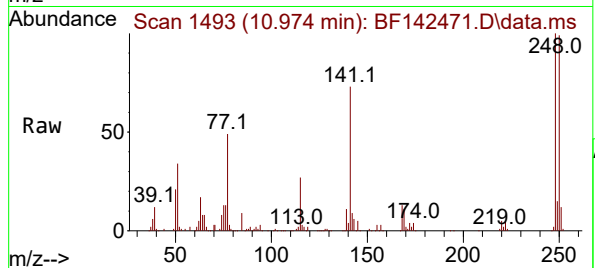




#67
4-Bromophenyl-phenylether
Concen: 37.556 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

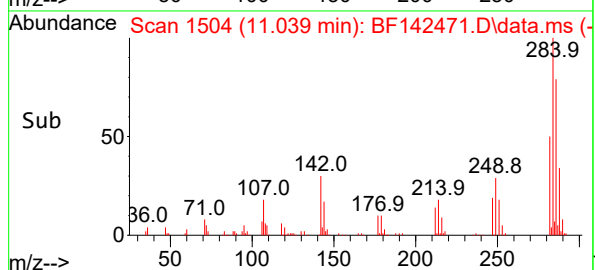
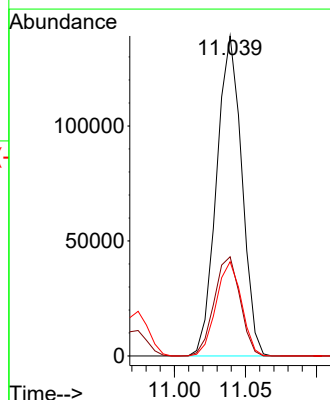
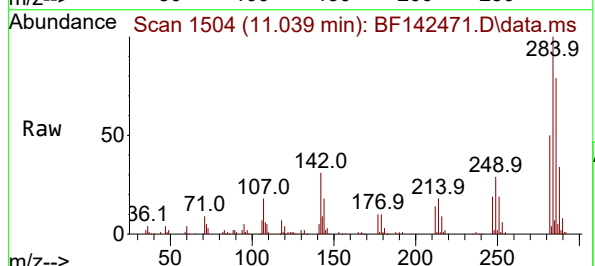
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

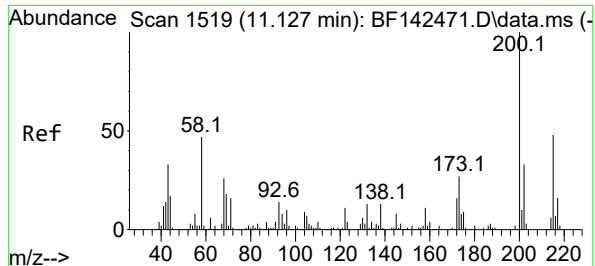
Tgt Ion:248 Resp: 152348
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.4
141 73.0 58.4 87.6



#68
Hexachlorobenzene
Concen: 38.318 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:284 Resp: 171918
Ion Ratio Lower Upper
284 100
142 31.0 24.8 37.2
249 29.5 23.6 35.4





#69

Atrazine

Concen: 39.072 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

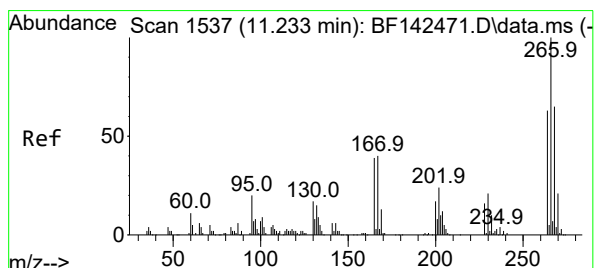
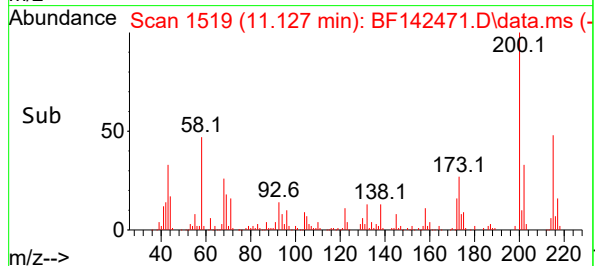
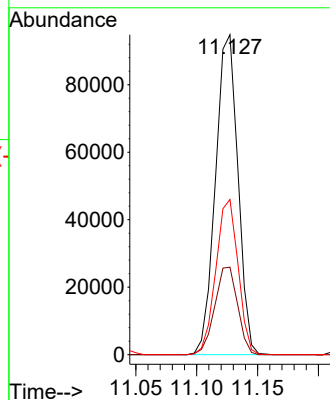
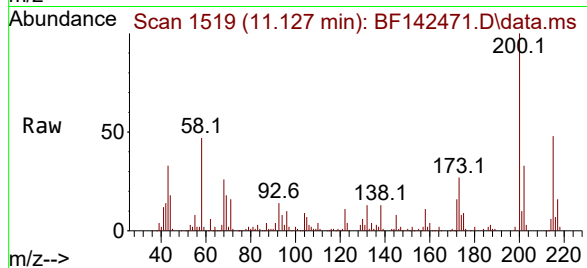
Tgt Ion:200 Resp: 121790

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 48.5 28.5 68.5



#70

Pentachlorophenol

Concen: 39.824 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

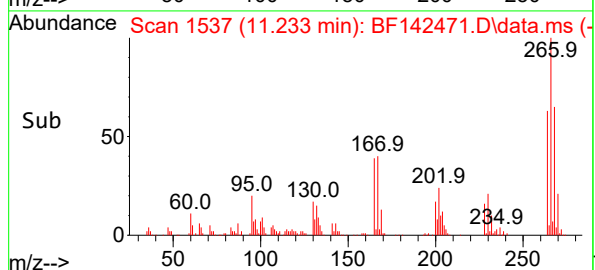
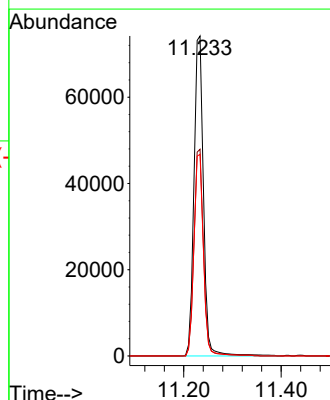
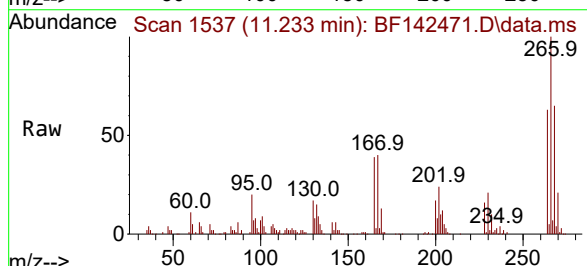
Tgt Ion:266 Resp: 100877

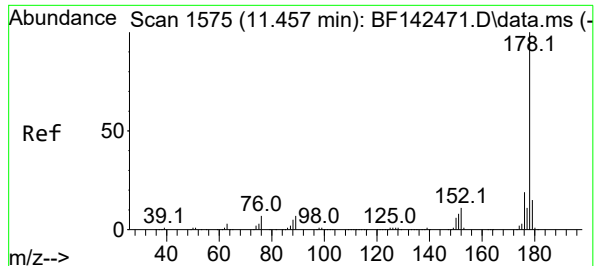
Ion Ratio Lower Upper

266 100

268 64.6 51.7 77.5

264 63.0 50.4 75.6

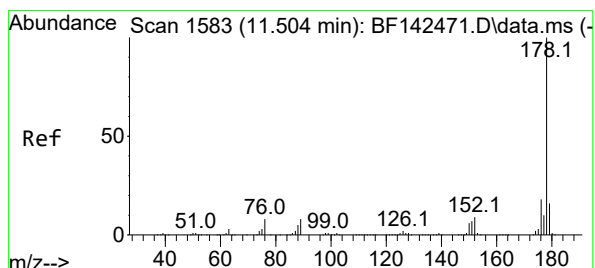
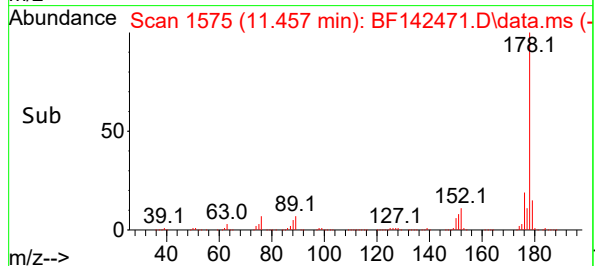
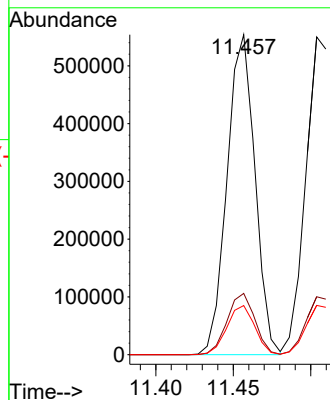
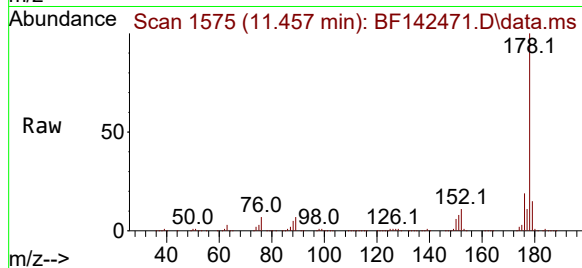




#71
Phenanthrene
Concen: 37.855 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

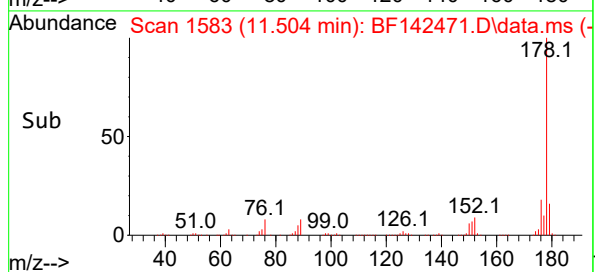
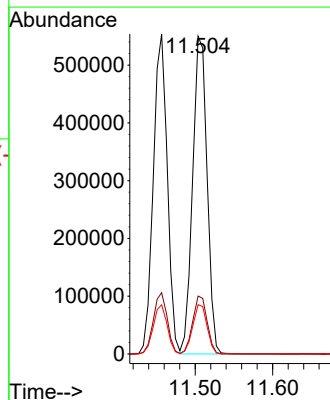
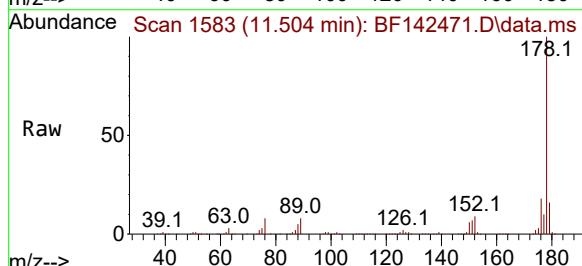
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

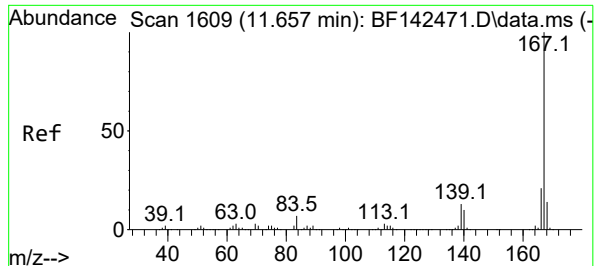
Tgt Ion:178 Resp: 694045
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 38.007 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

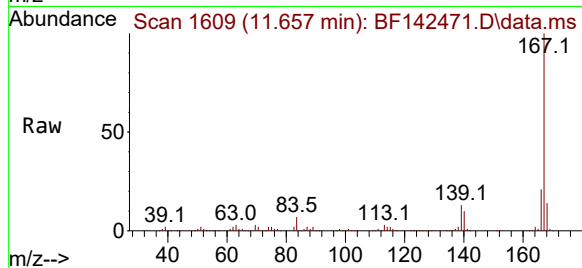
Tgt Ion:178 Resp: 711162
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.5 12.4 18.6



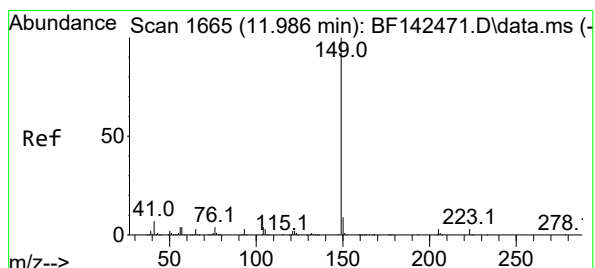
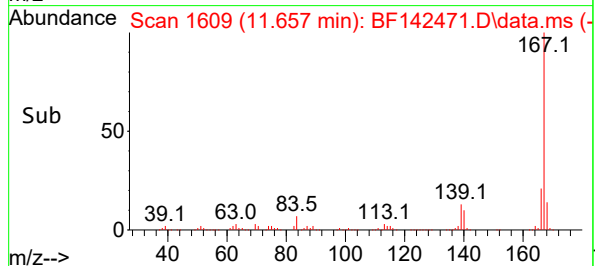
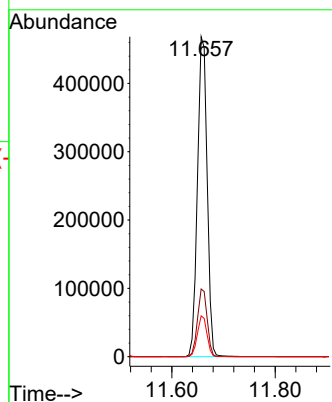


#73
Carbazole
Concen: 38.140 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

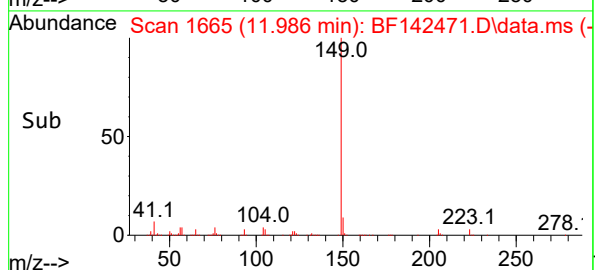
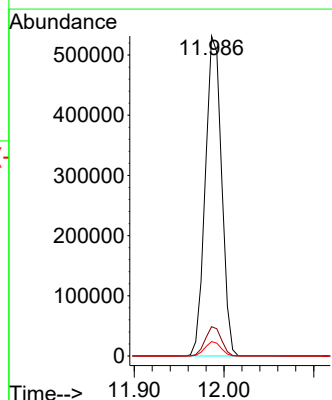
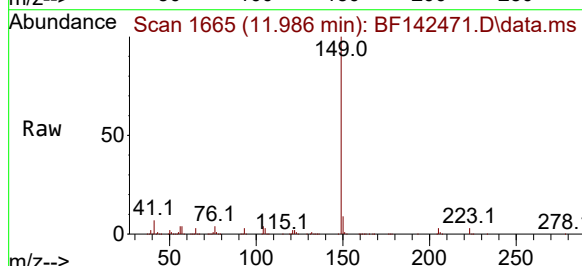


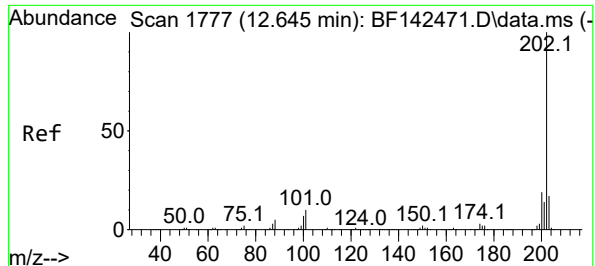
Tgt Ion:167 Resp: 610097
Ion Ratio Lower Upper
167 100
166 21.1 16.9 25.3
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 38.227 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 669345
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4

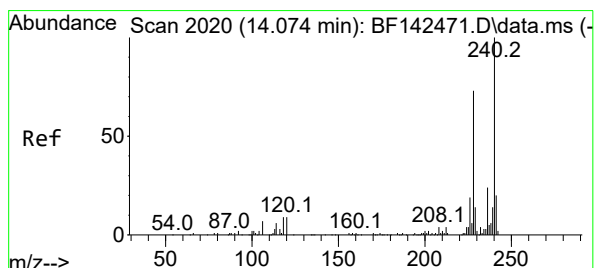
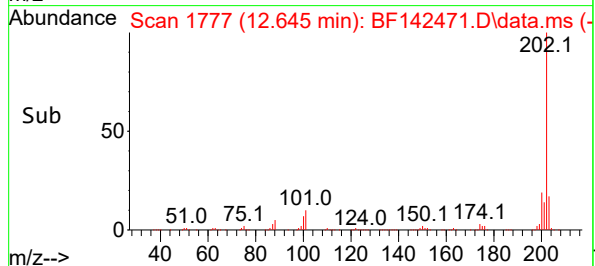
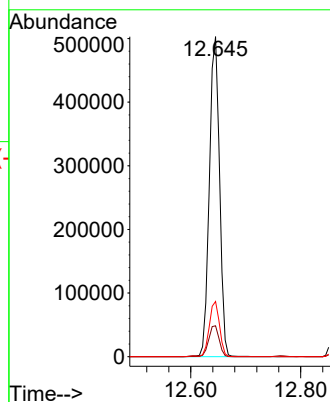
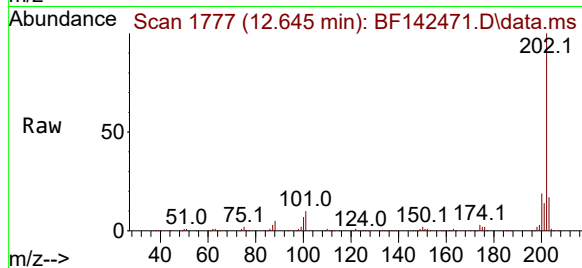




#75
Fluoranthene
Concen: 37.569 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

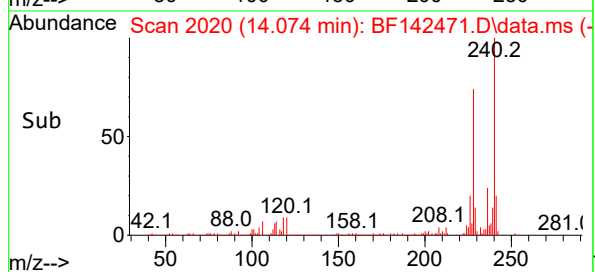
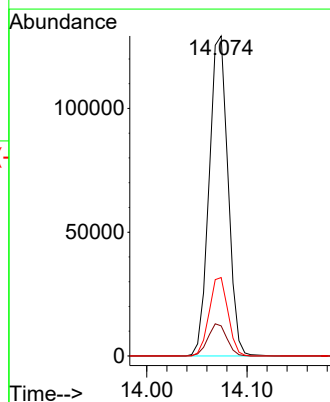
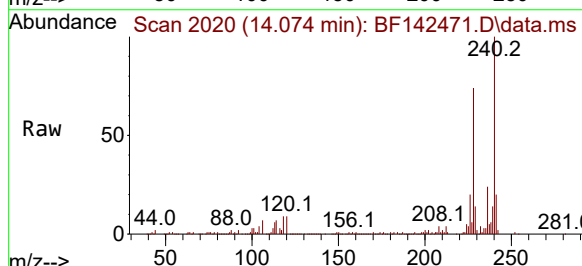
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

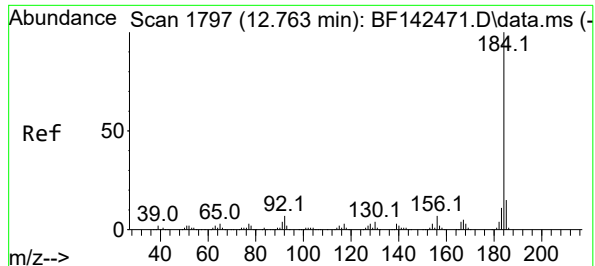
Tgt Ion:202 Resp: 643610
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.6
203 17.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:240 Resp: 169022
Ion Ratio Lower Upper
240 100
120 9.4 7.5 11.3
236 24.5 19.6 29.4

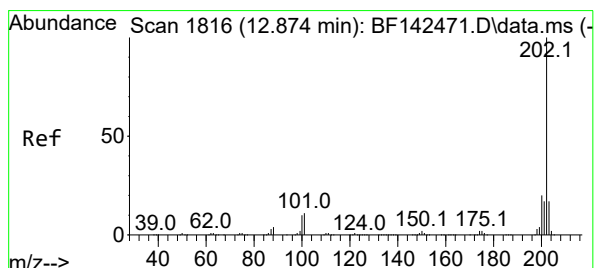
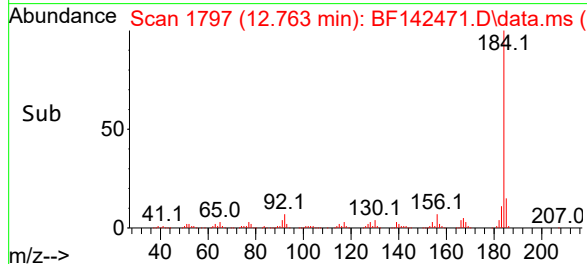
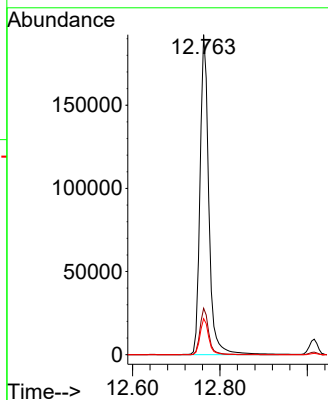
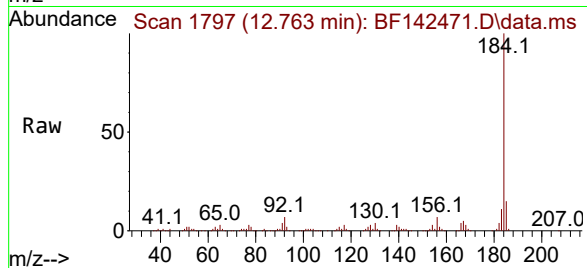




#77
Benzidine
Concen: 42.816 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

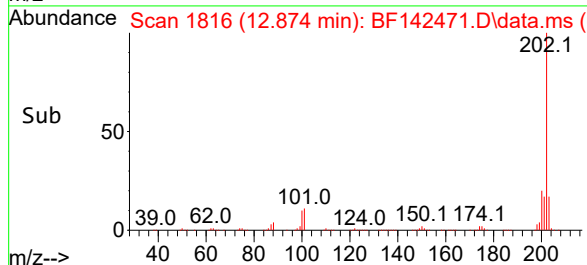
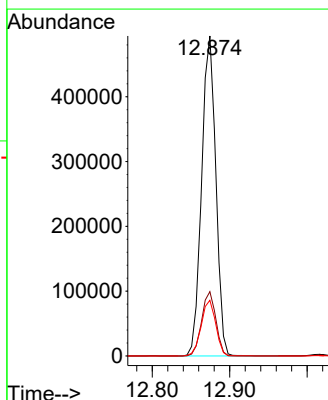
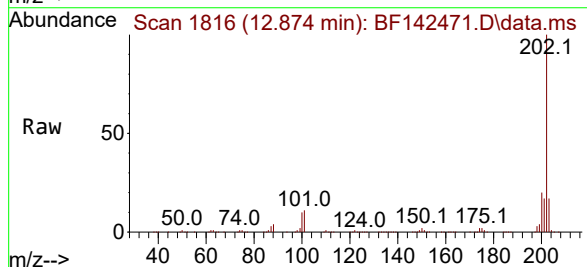
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

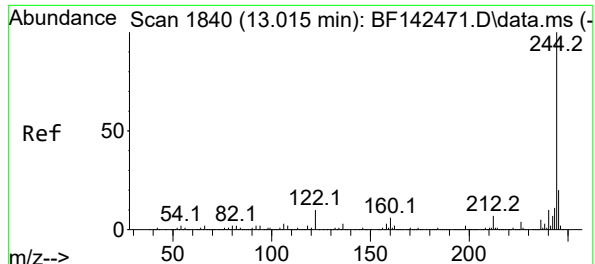
Tgt Ion:184 Resp: 269307
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 39.853 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:202 Resp: 628371
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 77.802 ng

RT: 13.015 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

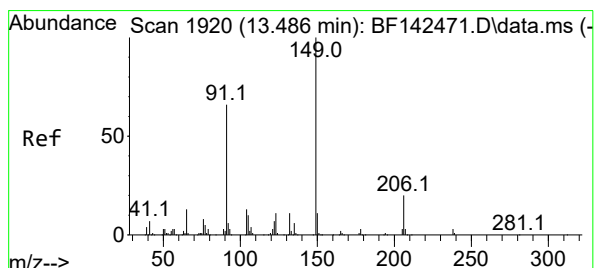
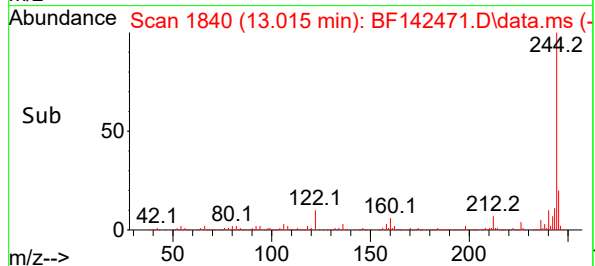
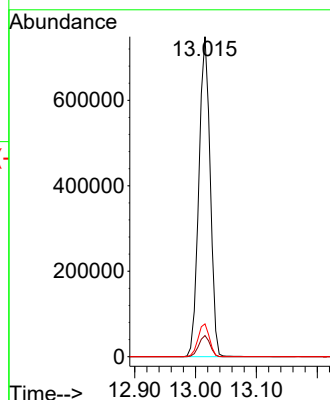
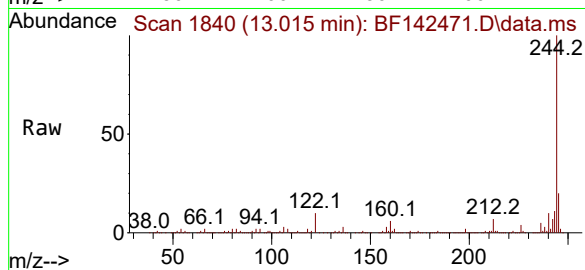
Tgt Ion:244 Resp: 962300

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 40.819 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

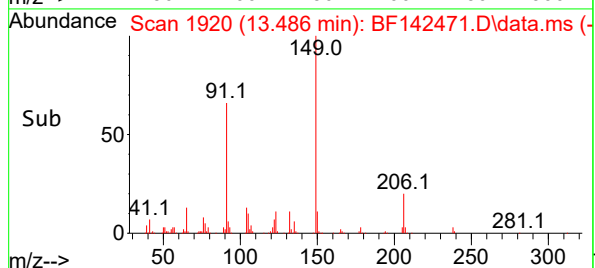
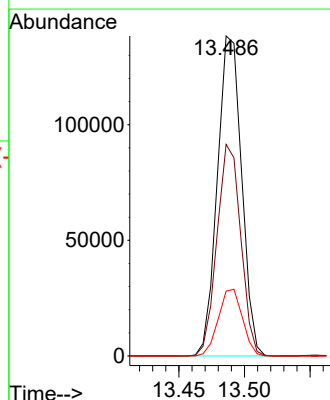
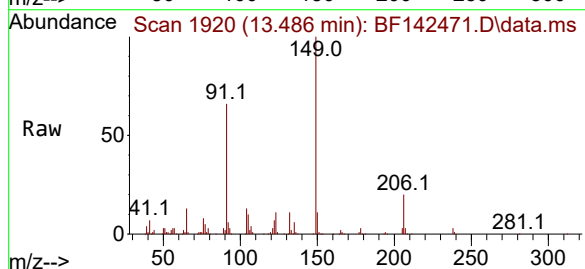
Tgt Ion:149 Resp: 177841

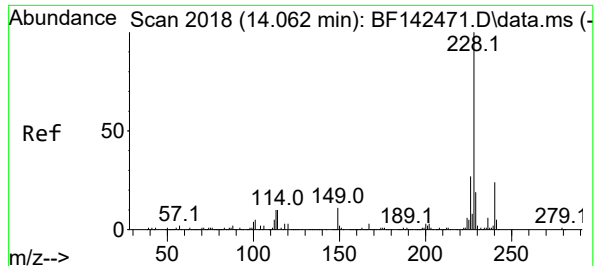
Ion Ratio Lower Upper

149 100

91 66.1 52.9 79.3

206 20.2 16.2 24.2

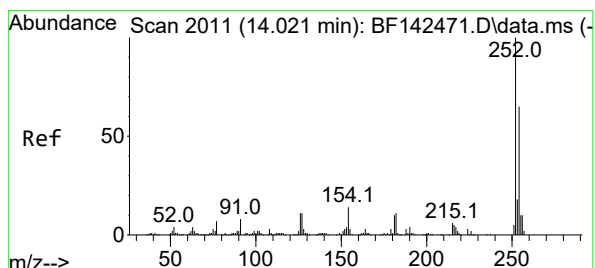
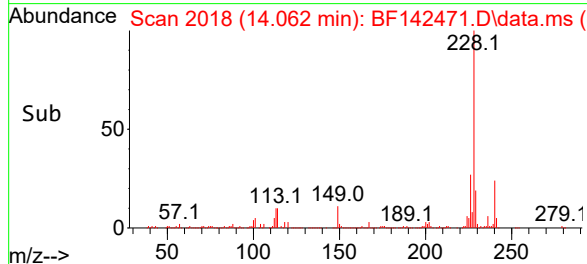
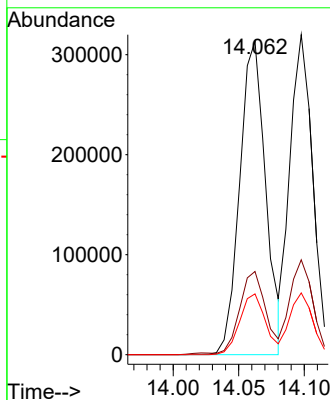
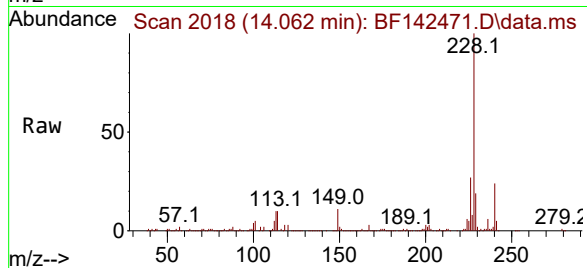




#81
Benzo(a)anthracene
Concen: 38.276 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

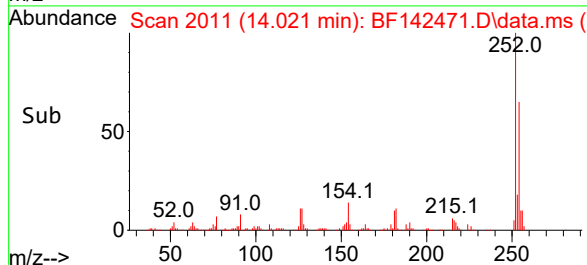
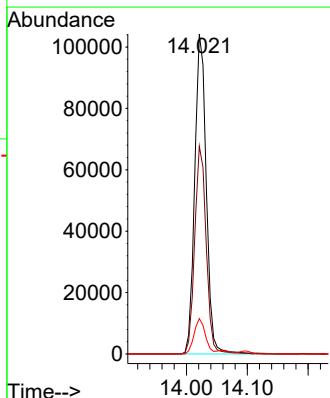
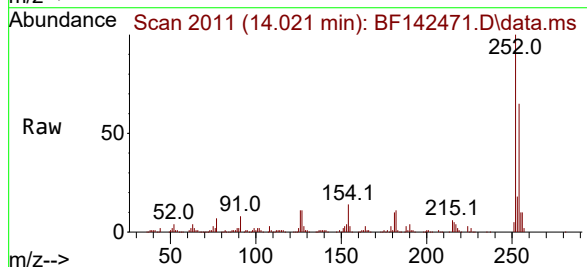
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

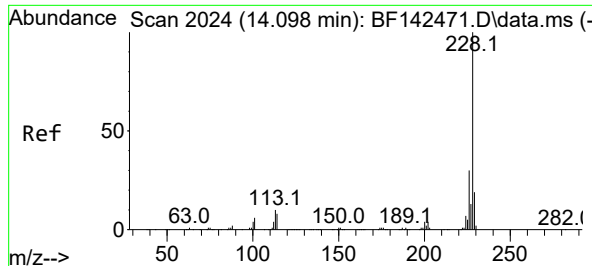
Tgt Ion:228 Resp: 431998
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 40.148 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:252 Resp: 137438
Ion Ratio Lower Upper
252 100
254 65.0 52.0 78.0
126 11.1 8.9 13.3





#83

Chrysene

Concen: 38.168 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

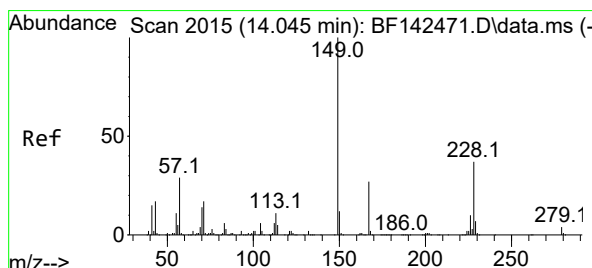
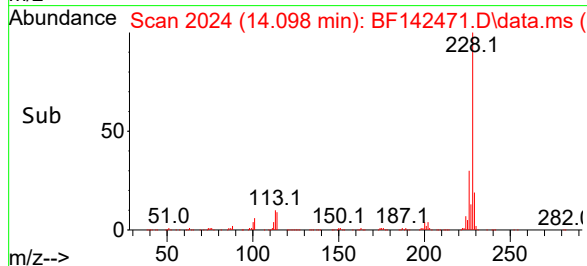
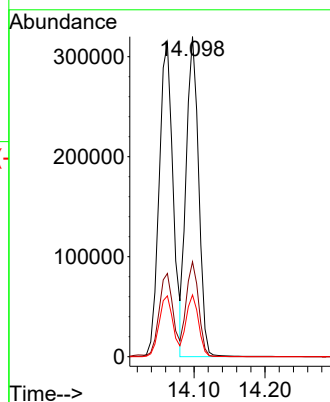
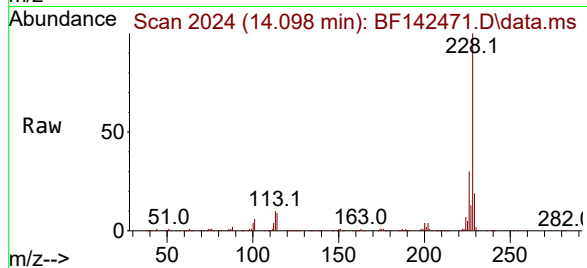
Tgt Ion:228 Resp: 387081

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.800 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

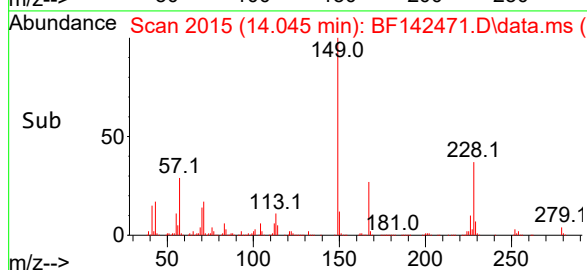
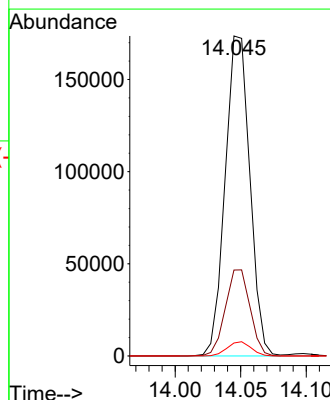
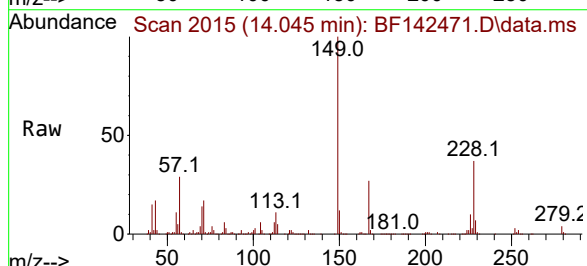
Tgt Ion:149 Resp: 227555

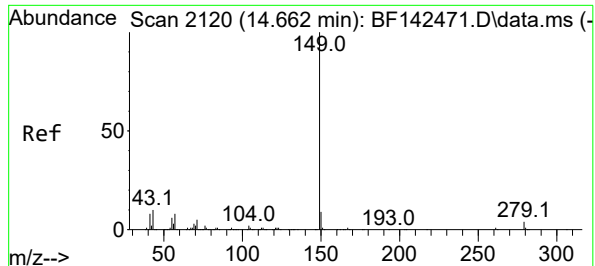
Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

279 4.0 3.2 4.8

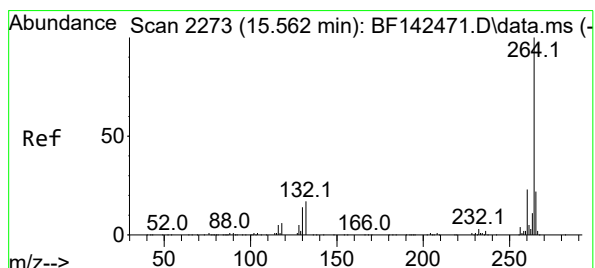
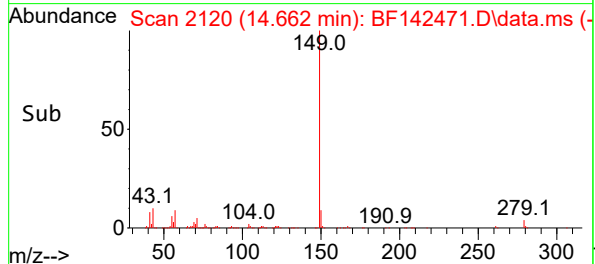
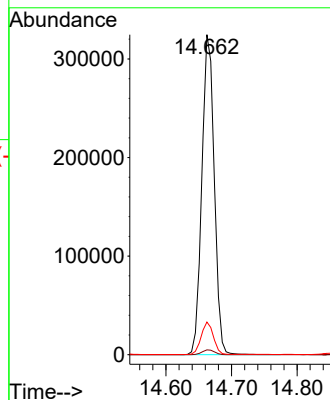
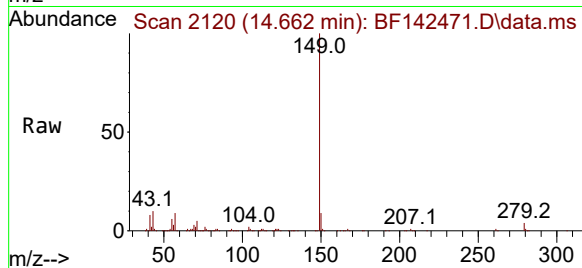




#85
Di-n-octyl phthalate
Concen: 39.246 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

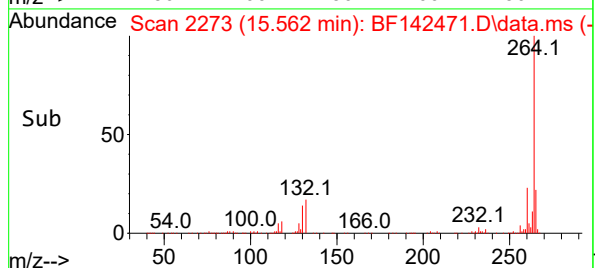
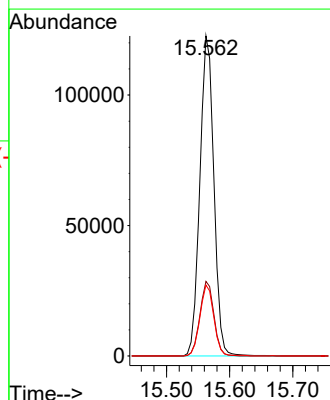
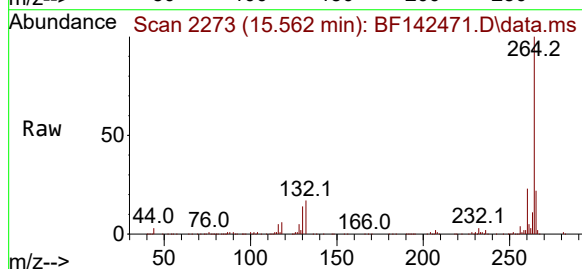
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

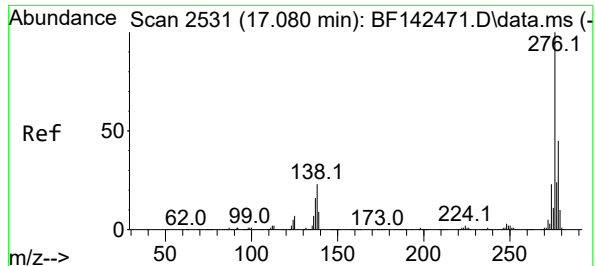
Tgt Ion:149 Resp: 427995
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:264 Resp: 189289
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.584 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

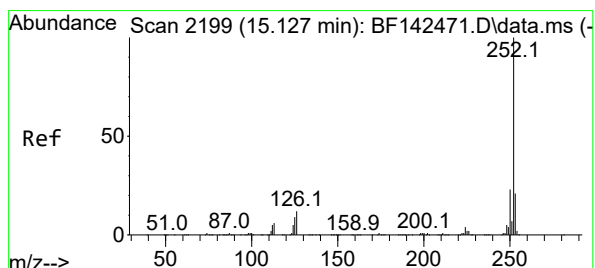
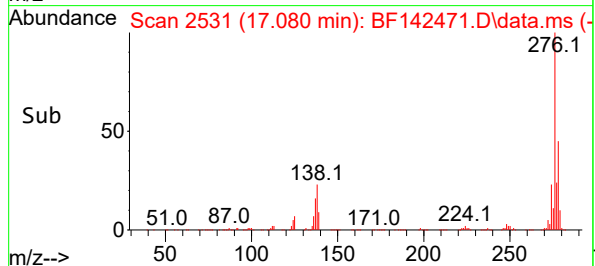
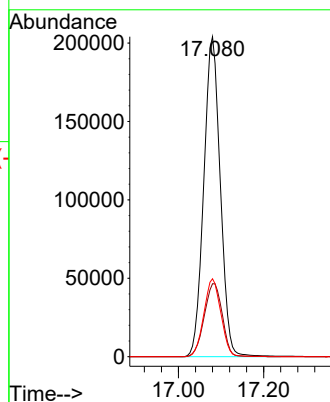
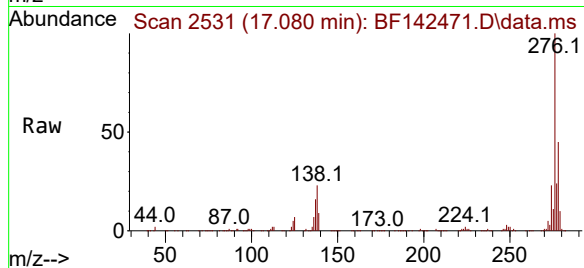
Tgt Ion:276 Resp: 548309

Ion Ratio Lower Upper

276 100

138 24.9 19.9 29.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.041 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

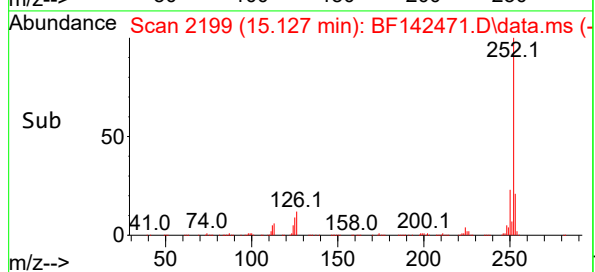
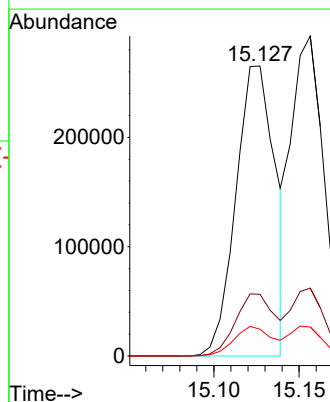
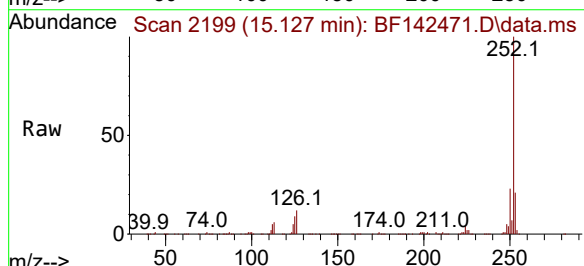
Tgt Ion:252 Resp: 426174

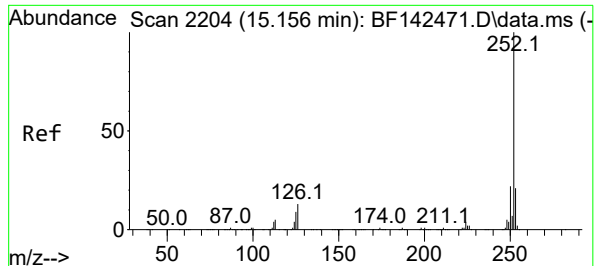
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.603 ng

RT: 15.156 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

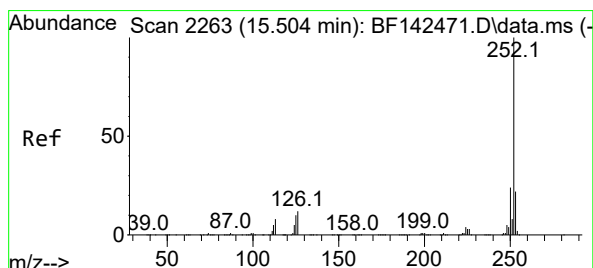
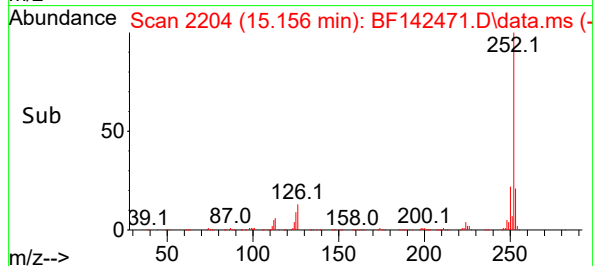
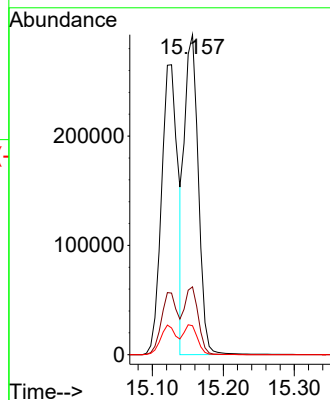
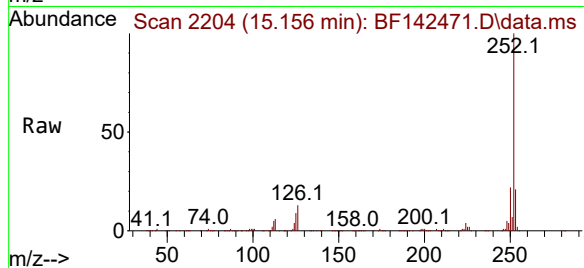
Tgt Ion:252 Resp: 394567

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 9.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.761 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142471.D

Acq: 20 May 2025 14:05

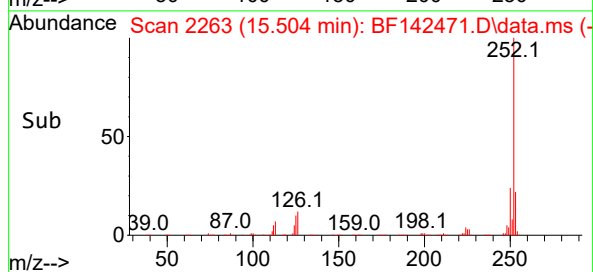
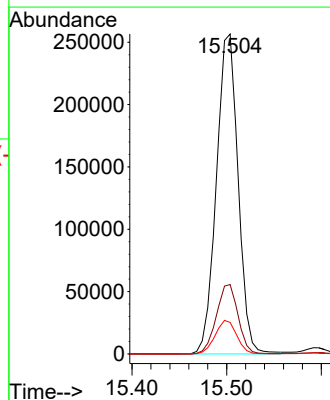
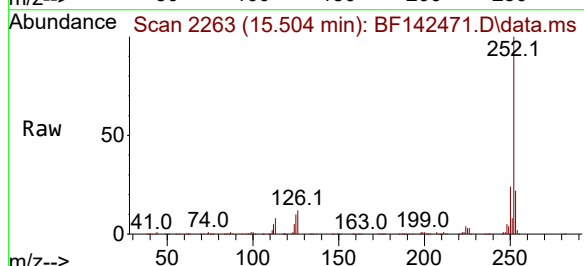
Tgt Ion:252 Resp: 409312

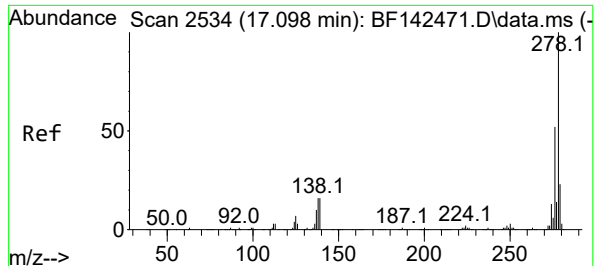
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.9 7.9 11.9

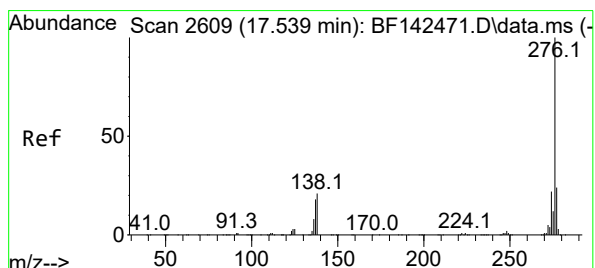
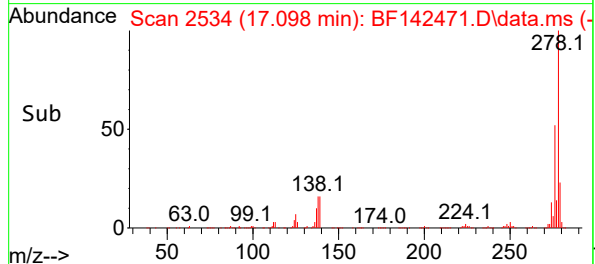
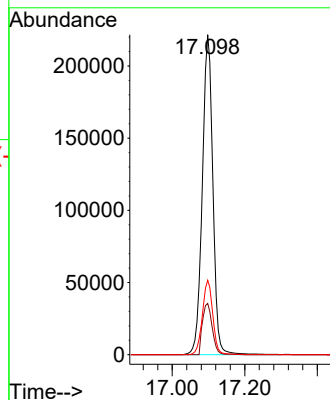
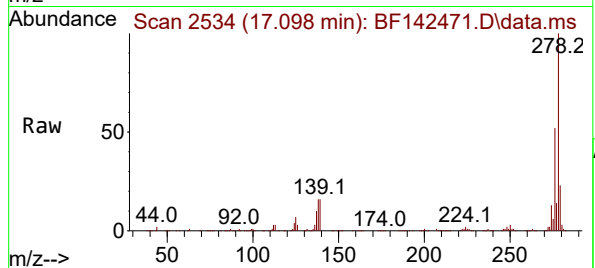




#91
Dibenzo(a,h)anthracene
Concen: 38.903 ng
RT: 17.098 min Scan# 2534
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

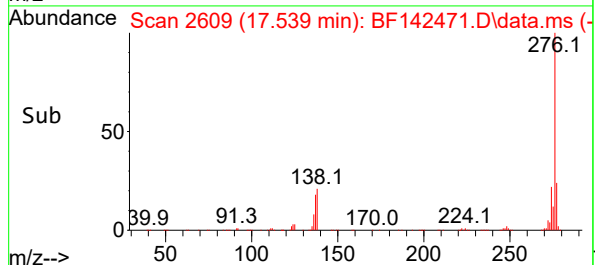
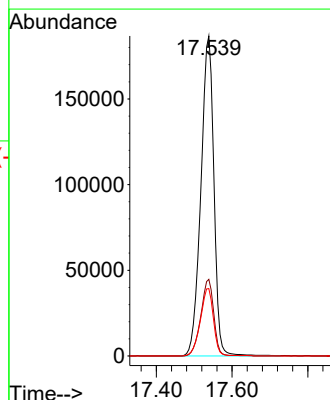
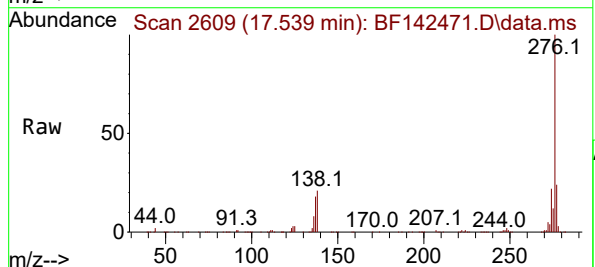
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 448372
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 38.747 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:276 Resp: 446674
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 21.0 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142472.D
 Acq On : 20 May 2025 14:34
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: May 20 16:55:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	86396	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	336796	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	181409	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	301685	20.000	ng	0.00
76) Chrysene-d12	14.074	240	149689	20.000	ng	0.00
86) Perylene-d12	15.562	264	171586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	526965	102.760	ng	0.00
7) Phenol-d6	6.528	99	633841	102.679	ng	0.00
23) Nitrobenzene-d5	7.469	82	643186	104.135	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	211319	104.956	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1342037	99.269	ng	0.00
79) Terphenyl-d14	13.016	244	1116751	101.951	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	107972	52.616	ng	99
3) Pyridine	3.434	79	275005	52.626	ng	99
4) n-Nitrosodimethylamine	3.393	42	145296	53.550	ng	99
6) Aniline	6.563	93	430377	51.852	ng	99
8) 2-Chlorophenol	6.687	128	288948	51.731	ng	99
9) Benzaldehyde	6.451	77	188241	50.700	ng	98
10) Phenol	6.540	94	357896	51.526	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	261046	52.210	ng	100
12) 1,3-Dichlorobenzene	6.845	146	320095	51.357	ng	99
13) 1,4-Dichlorobenzene	6.922	146	322871	51.427	ng	99
14) 1,2-Dichlorobenzene	7.075	146	309332	51.491	ng	100
15) Benzyl Alcohol	7.040	79	244326	53.559	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	434451	51.741	ng	100
17) 2-Methylphenol	7.151	107	227385	52.141	ng	99
18) Hexachloroethane	7.416	117	114346	52.159	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	197020	51.498	ng	99
20) 3+4-Methylphenols	7.304	107	288829	51.719	ng	91
22) Acetophenone	7.310	105	380175	50.992	ng	97
24) Nitrobenzene	7.487	77	288748	51.834	ng	99
25) Isophorone	7.728	82	536829	51.985	ng	99
26) 2-Nitrophenol	7.798	139	159779	53.679	ng	99
27) 2,4-Dimethylphenol	7.834	122	273604	52.123	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	329256	51.041	ng	100
29) 2,4-Dichlorophenol	8.039	162	252244	52.840	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	269064	51.934	ng	97
31) Naphthalene	8.210	128	847571	51.109	ng	100
32) Benzoic acid	7.951	122	177379	55.512	ng	98
33) 4-Chloroaniline	8.257	127	349678	52.037	ng	99
34) Hexachlorobutadiene	8.328	225	166363	51.428	ng	98
35) Caprolactam	8.628	113	71458	53.297	ng	99
36) 4-Chloro-3-methylphenol	8.733	107	253726	51.862	ng	99
37) 2-Methylnaphthalene	8.898	142	531122	50.907	ng	100
38) 1-Methylnaphthalene	8.998	142	547258	50.711	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	268407	51.543	ng	99
41) Hexachlorocyclopentadiene	9.051	237	195080	55.532	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	184076	52.421	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142472.D
 Acq On : 20 May 2025 14:34
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

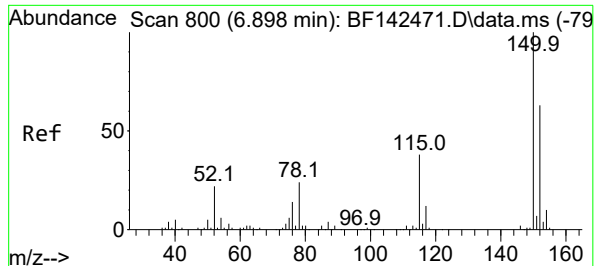
Quant Time: May 20 16:55:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	198266	53.537	ng	99
46) 1,1'-Biphenyl	9.363	154	723473	51.405	ng	100
47) 2-Chloronaphthalene	9.386	162	536379	51.583	ng	100
48) 2-Nitroaniline	9.481	65	160529	53.410	ng	99
49) Acenaphthylene	9.804	152	906063	51.602	ng	100
50) Dimethylphthalate	9.663	163	619616	51.764	ng	100
51) 2,6-Dinitrotoluene	9.722	165	137090	53.064	ng	98
52) Acenaphthene	9.980	154	554762	51.742	ng	99
53) 3-Nitroaniline	9.892	138	149786	53.082	ng	99
54) 2,4-Dinitrophenol	9.998	184	76730	57.487	ng	95
55) Dibenzofuran	10.151	168	787446	51.038	ng	100
56) 4-Nitrophenol	10.045	139	114198	54.849	ng	99
57) 2,4-Dinitrotoluene	10.128	165	180417	53.473	ng	100
58) Fluorene	10.492	166	608966	51.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	163539	52.897	ng	98
60) Diethylphthalate	10.363	149	608941	52.089	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	296264	50.597	ng	99
62) 4-Nitroaniline	10.510	138	133141	52.024	ng	98
63) Azobenzene	10.645	77	542894	51.703	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	97203	57.734	ng	98
66) n-Nitrosodiphenylamine	10.604	169	525974	50.960	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	185711	52.061	ng	99
68) Hexachlorobenzene	11.039	284	205759	52.151	ng	100
69) Atrazine	11.127	200	147922	53.966	ng	99
70) Pentachlorophenol	11.233	266	122184	54.852	ng	99
71) Phenanthrene	11.457	178	818043	50.739	ng	100
72) Anthracene	11.510	178	837242	50.882	ng	99
73) Carbazole	11.663	167	716381	50.927	ng	100
74) Di-n-butylphthalate	11.986	149	798451	51.856	ng	100
75) Fluoranthene	12.645	202	752083	49.923	ng	100
77) Benzidine	12.763	184	301122	54.058	ng	99
78) Pyrene	12.874	202	733277	52.513	ng	100
80) Butylbenzylphthalate	13.492	149	215174	55.767	ng	97
81) Benzo(a)anthracene	14.063	228	520525	52.076	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	166223	54.828	ng	99
83) Chrysene	14.098	228	469491	52.273	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	286151	57.932	ng	100
85) Di-n-octyl phthalate	14.663	149	535844	55.482	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	679247	52.730	ng	99
88) Benzo(b)fluoranthene	15.127	252	518544	51.062	ng	99
89) Benzo(k)fluoranthene	15.157	252	505348	53.130	ng	99
90) Benzo(a)pyrene	15.504	252	508303	53.101	ng	100
91) Dibenzo(a,h)anthracene	17.104	278	553351	52.964	ng	100
92) Benzo(g,h,i)perylene	17.545	276	557271	53.328	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

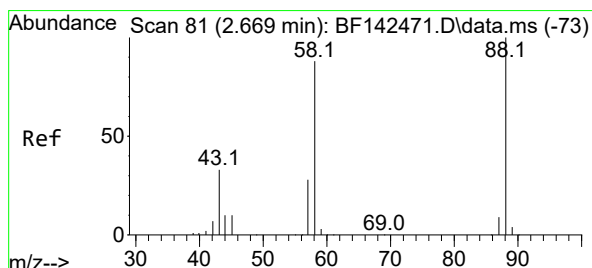
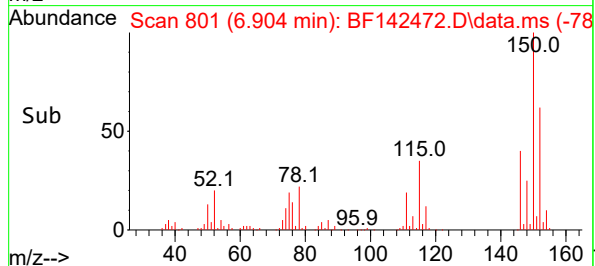
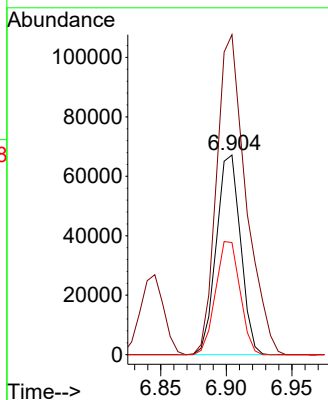
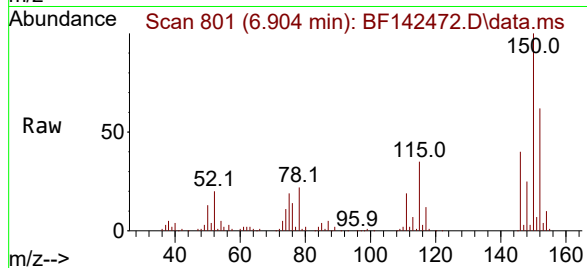
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

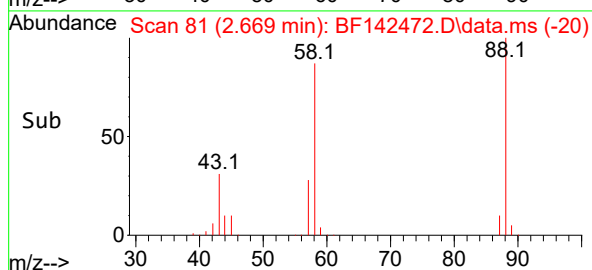
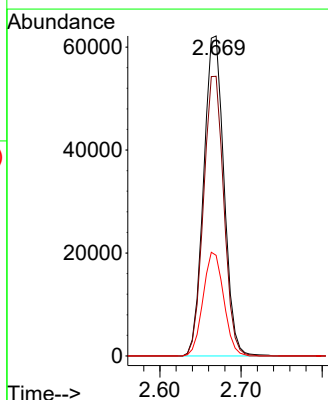
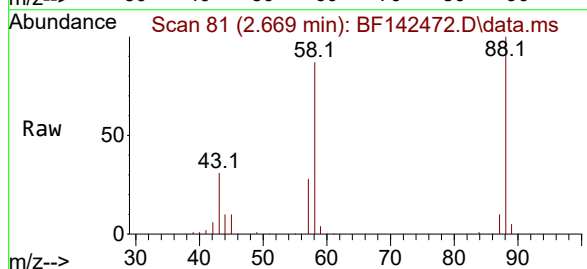
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BNA_F
ClientSampleId :
SSTDICC050

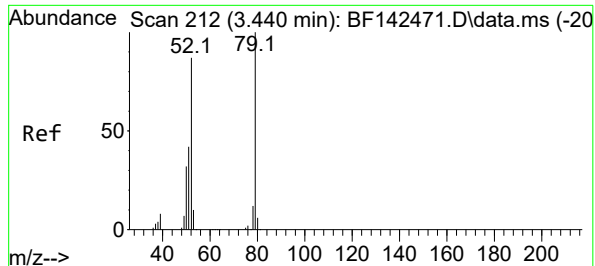
Tgt Ion:152 Resp: 86396
Ion Ratio Lower Upper
152 100
150 160.3 128.2 192.4
115 56.1 48.3 72.5



#2
1,4-Dioxane
Concen: 52.616 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 88 Resp: 107972
Ion Ratio Lower Upper
88 100
58 87.2 70.8 106.2
43 33.0 26.6 40.0





#3

Pyridine

Concen: 52.626 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

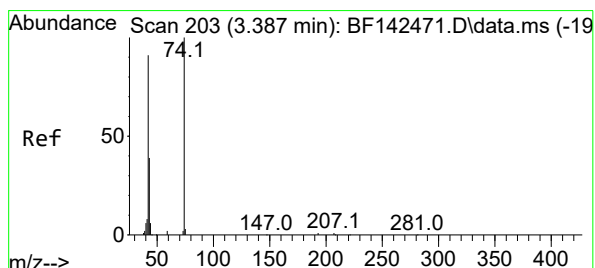
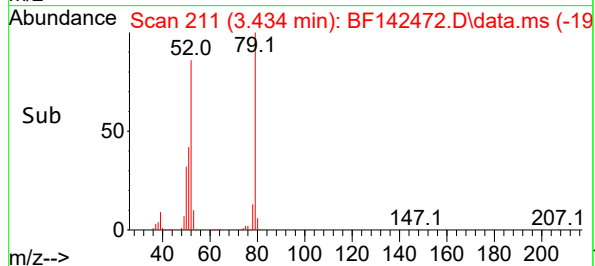
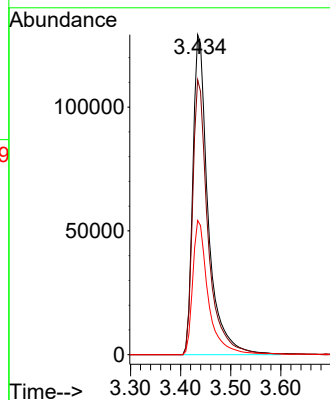
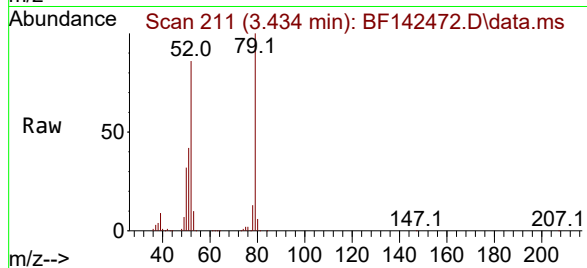
Tgt Ion: 79 Resp: 275005

Ion Ratio Lower Upper

79 100

52 85.9 69.2 103.8

51 41.9 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 53.550 ng

RT: 3.393 min Scan# 204

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

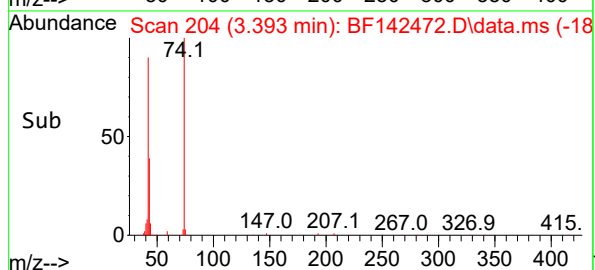
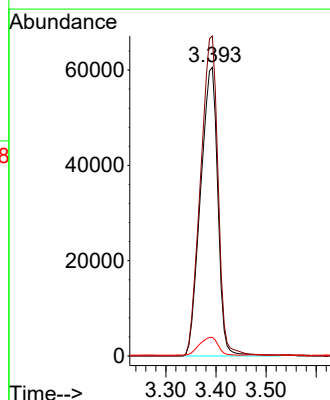
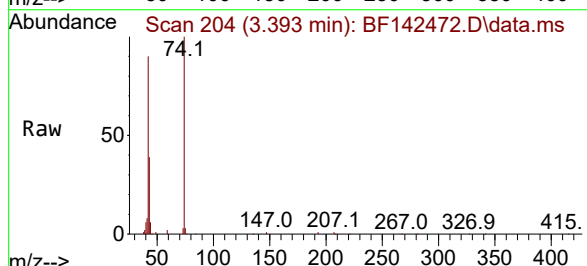
Tgt Ion: 42 Resp: 145296

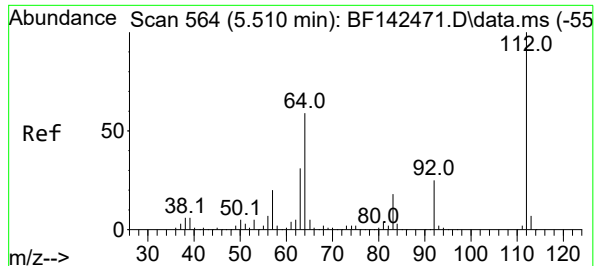
Ion Ratio Lower Upper

42 100

74 110.9 88.2 132.4

44 6.4 5.4 8.2





#5

2-Fluorophenol

Concen: 102.760 ng

RT: 5.510 min Scan# 5

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

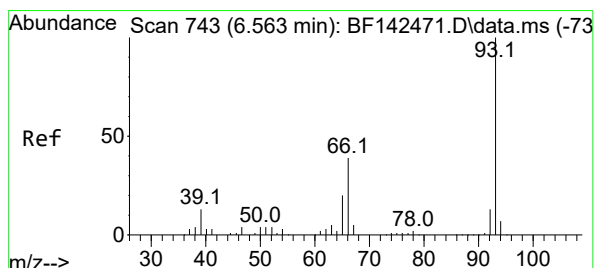
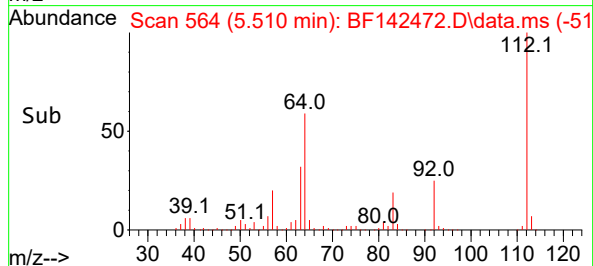
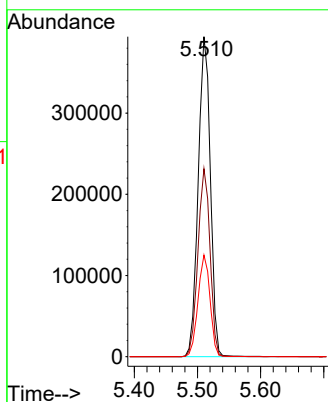
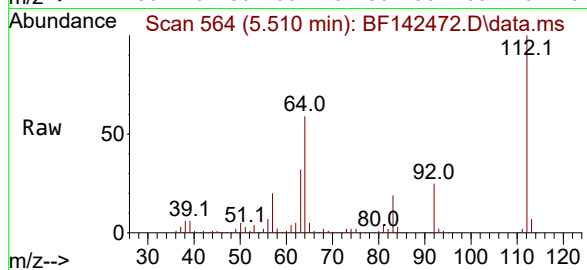
Tgt Ion:112 Resp: 526965

Ion Ratio Lower Upper

112 100

64 58.8 47.5 71.3

63 31.8 24.9 37.3



#6

Aniline

Concen: 51.852 ng

RT: 6.563 min Scan# 743

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

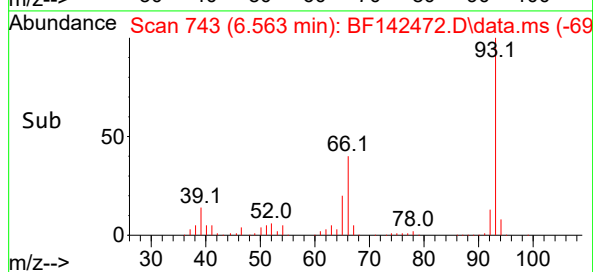
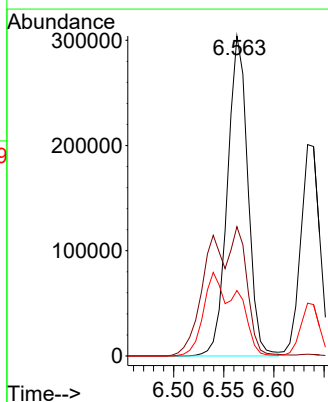
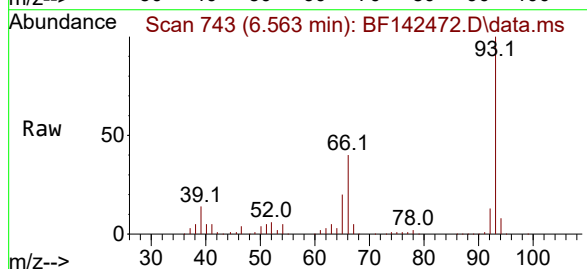
Tgt Ion: 93 Resp: 430377

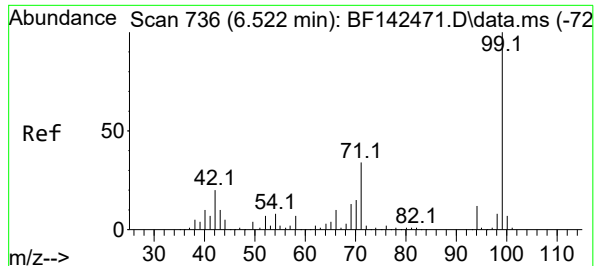
Ion Ratio Lower Upper

93 100

66 40.4 32.0 48.0

65 20.4 16.1 24.1





#7

Phenol-d6

Concen: 102.679 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

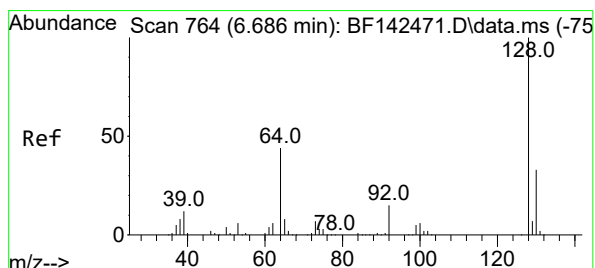
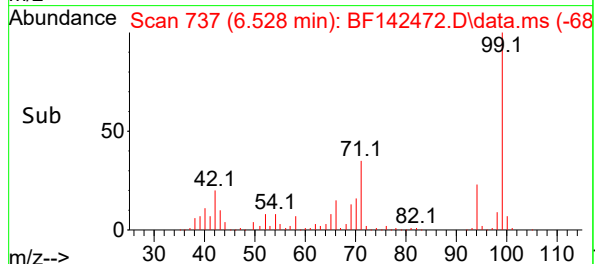
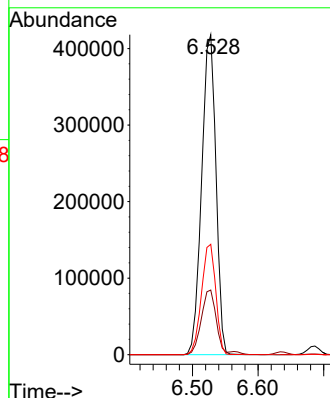
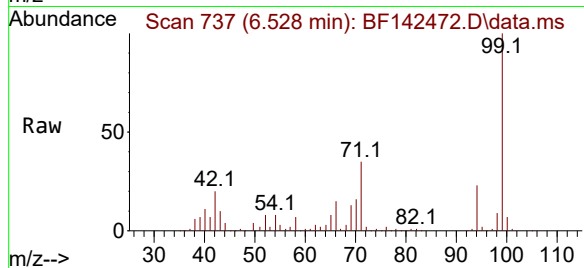
Tgt Ion: 99 Resp: 633841

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

71 34.5 27.3 40.9



#8

2-Chlorophenol

Concen: 51.731 ng

RT: 6.687 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

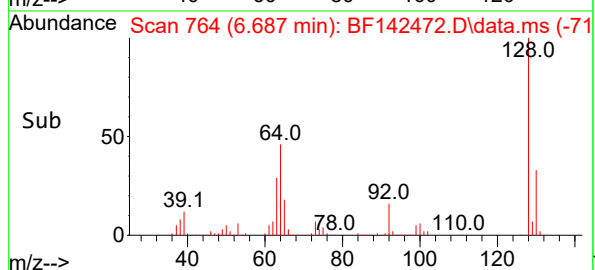
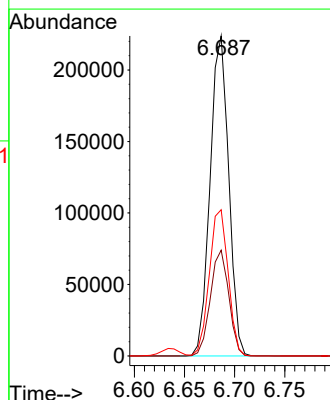
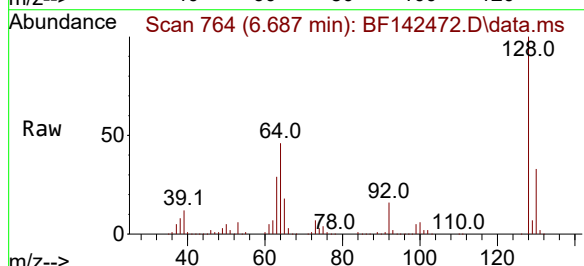
Tgt Ion:128 Resp: 288948

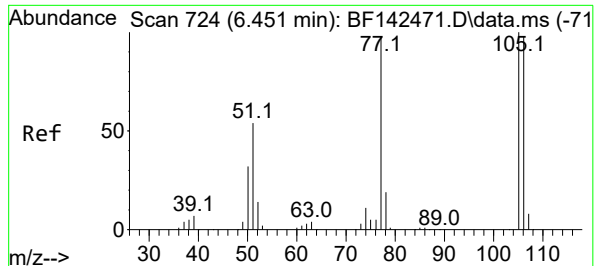
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 45.7 25.1 65.1





#9

Benzaldehyde

Concen: 50.700 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

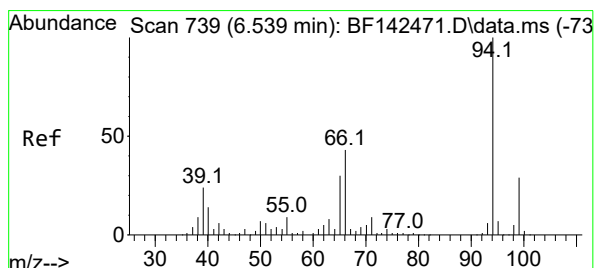
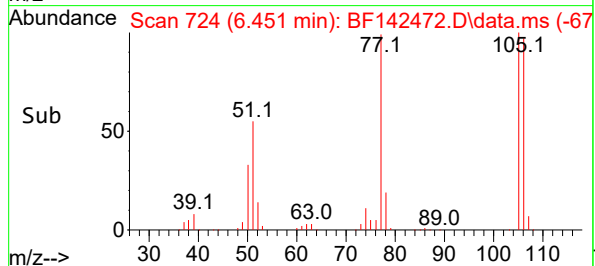
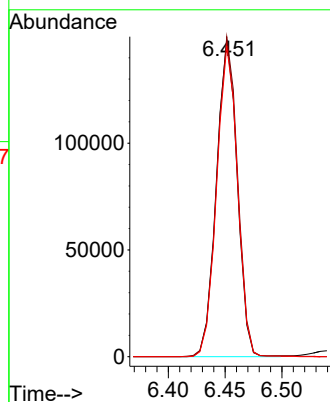
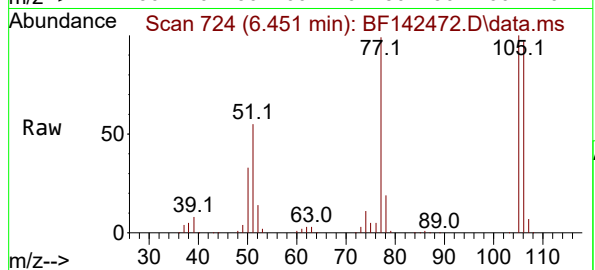
Tgt Ion: 77 Resp: 188241

Ion Ratio Lower Upper

77 100

105 100.9 82.5 122.5

106 98.0 80.0 120.0



#10

Phenol

Concen: 51.526 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

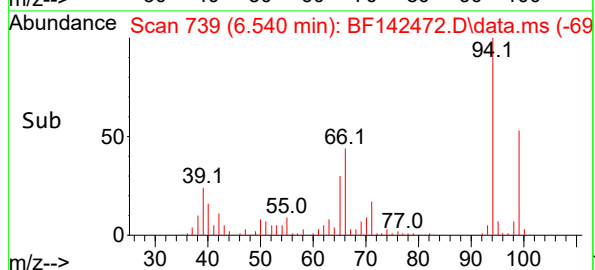
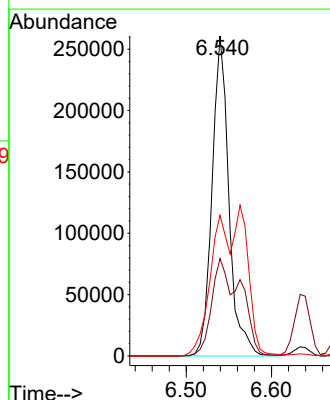
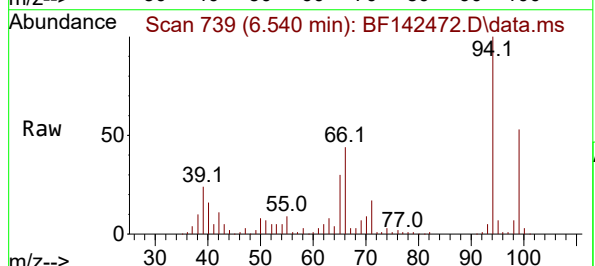
Tgt Ion: 94 Resp: 357896

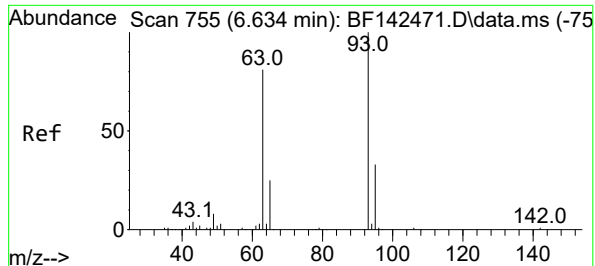
Ion Ratio Lower Upper

94 100

65 30.4 10.3 50.3

66 44.0 22.6 62.6

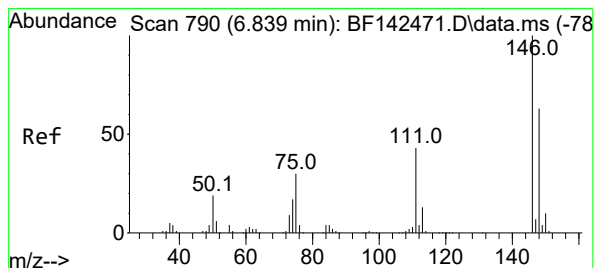
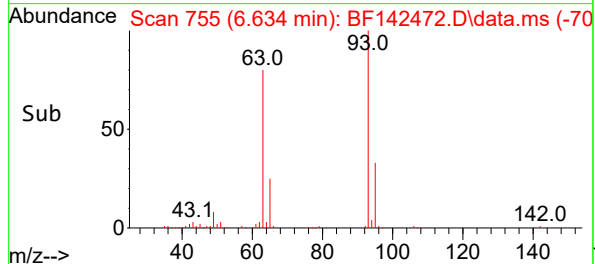
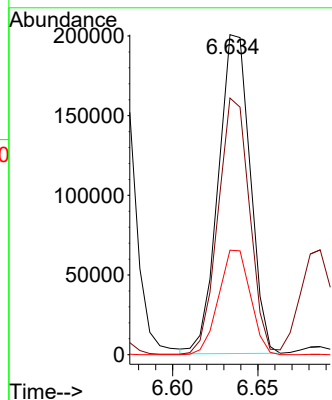
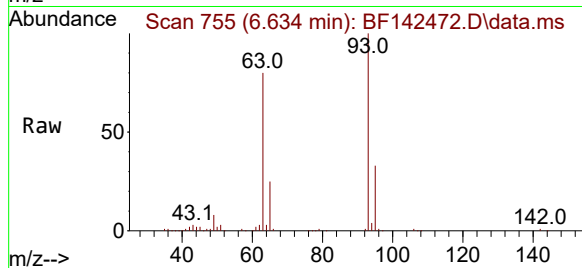




#11
bis(2-Chloroethyl)ether
Concen: 52.210 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

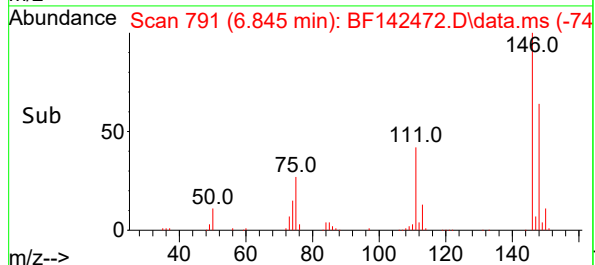
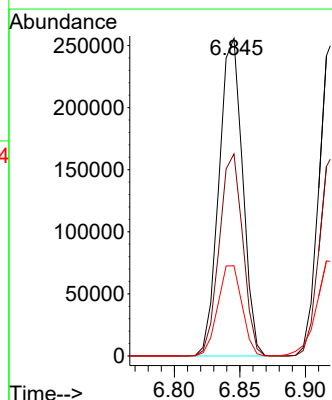
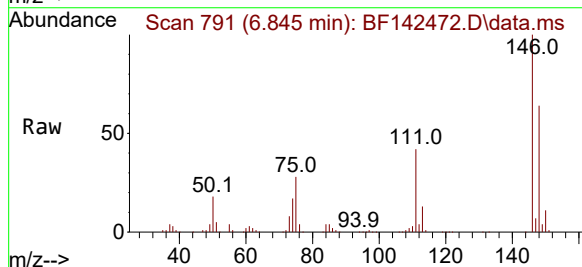
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

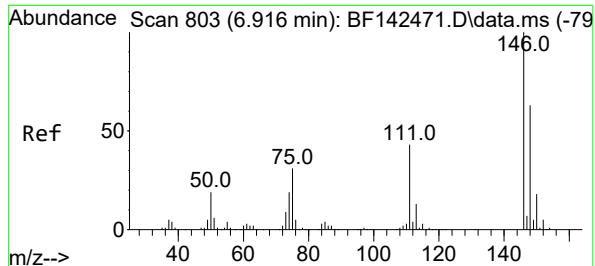
Tgt Ion: 93 Resp: 261046
Ion Ratio Lower Upper
93 100
63 80.2 60.2 100.2
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 51.357 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 146 Resp: 320095
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 28.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 51.427 ng

RT: 6.922 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

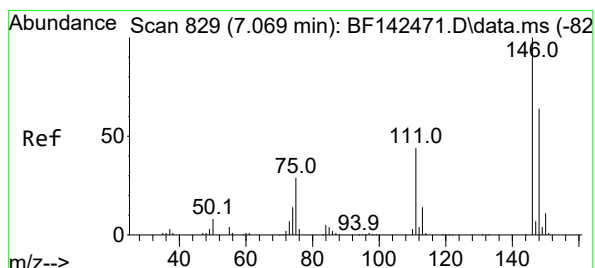
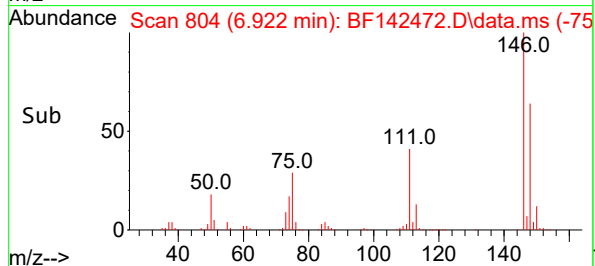
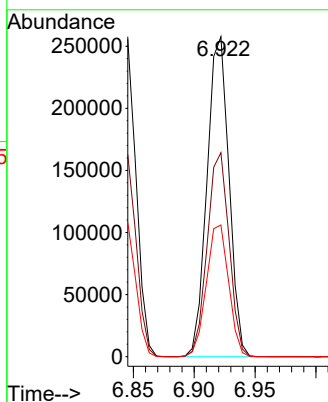
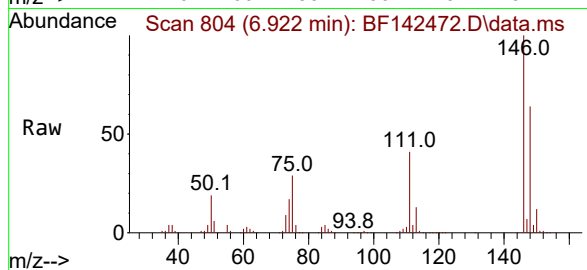
Tgt Ion:146 Resp: 322871

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

111 41.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 51.491 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

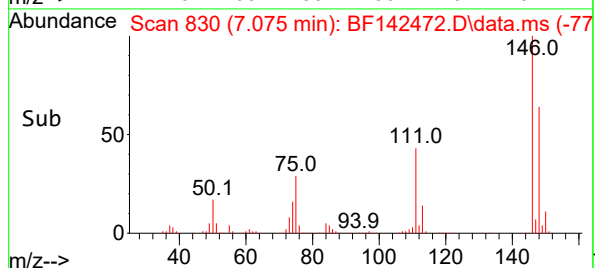
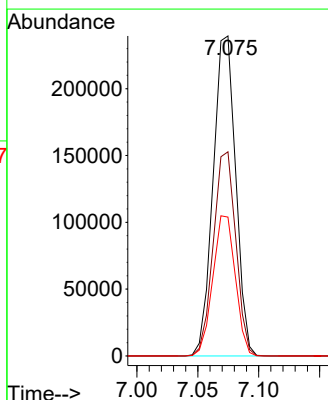
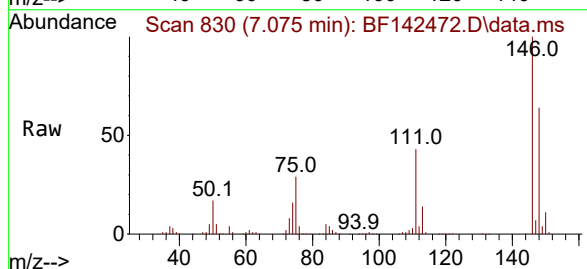
Tgt Ion:146 Resp: 309332

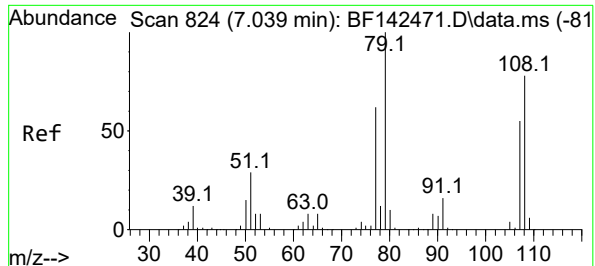
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

111 43.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 53.559 ng

RT: 7.040 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

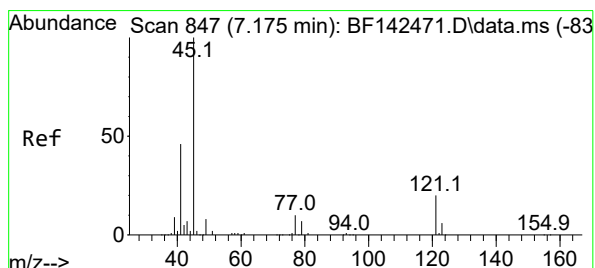
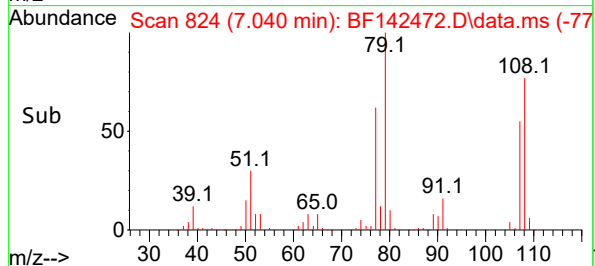
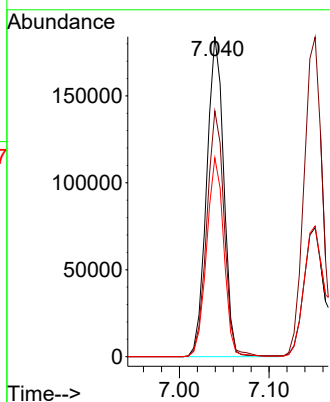
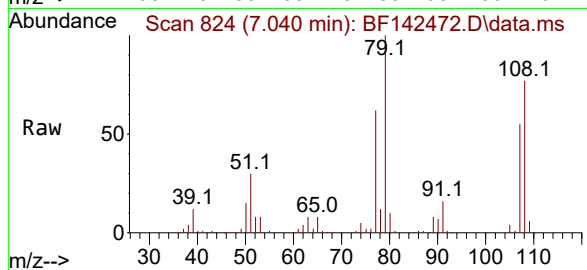
Tgt Ion: 79 Resp: 244326

Ion Ratio Lower Upper

79 100

108 76.8 62.1 93.1

77 62.1 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.741 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

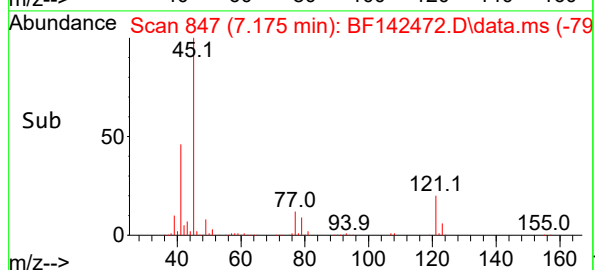
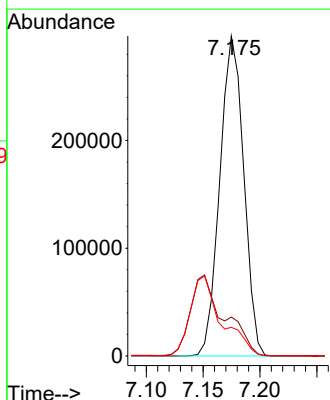
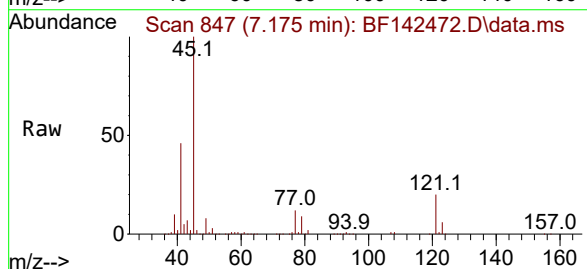
Tgt Ion: 45 Resp: 434451

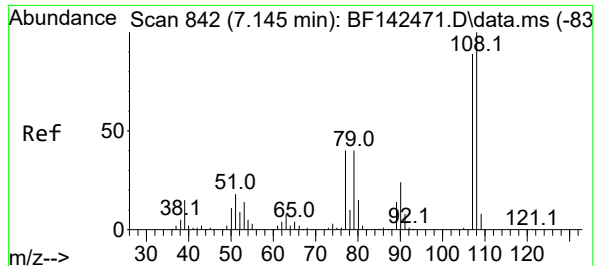
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.0

79 9.0 0.0 29.2

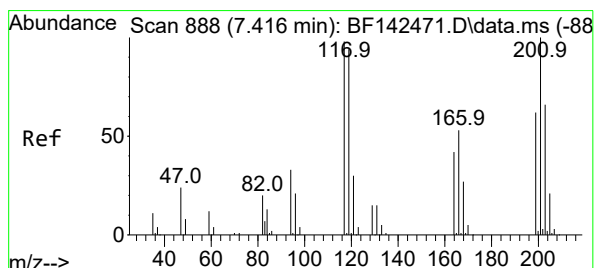
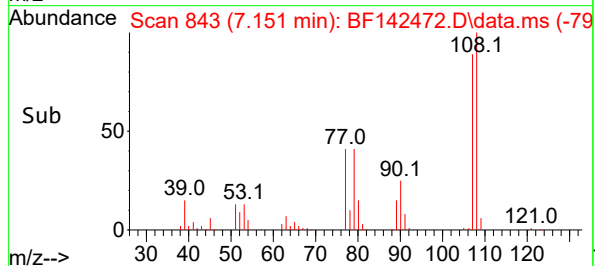
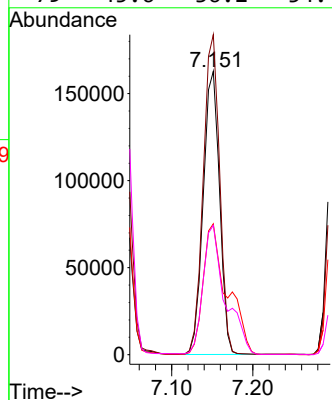
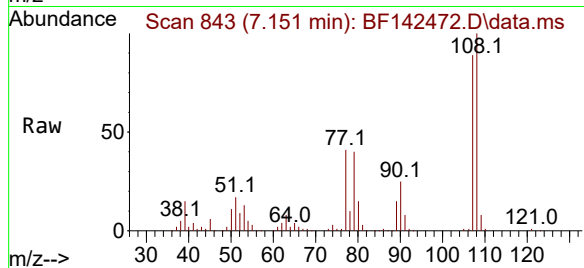




#17
2-Methylphenol
Concen: 52.141 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

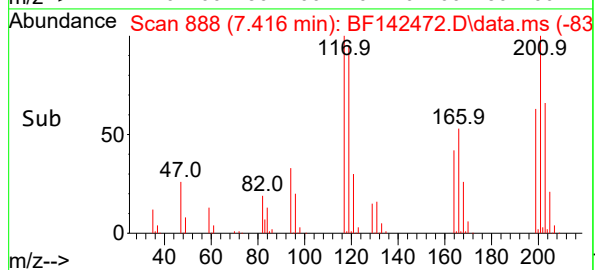
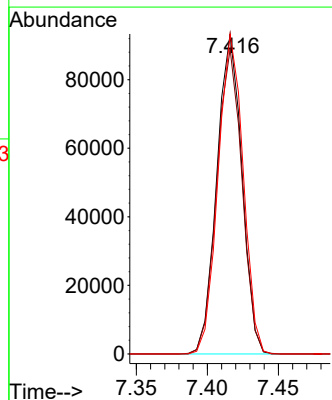
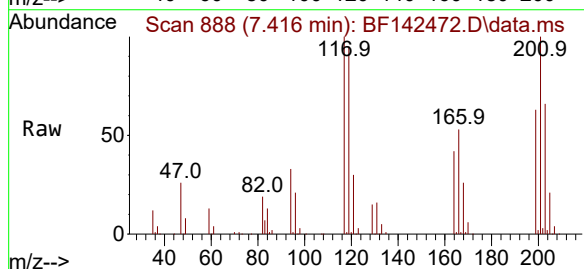
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

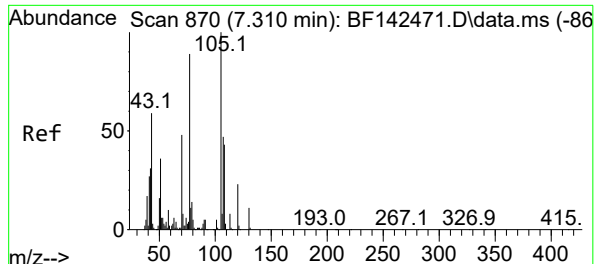
Tgt Ion:107 Resp: 227385
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 46.2 36.1 54.1
79 45.6 36.2 54.4



#18
Hexachloroethane
Concen: 52.159 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:117 Resp: 114346
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 100.0 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 51.498 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 197020

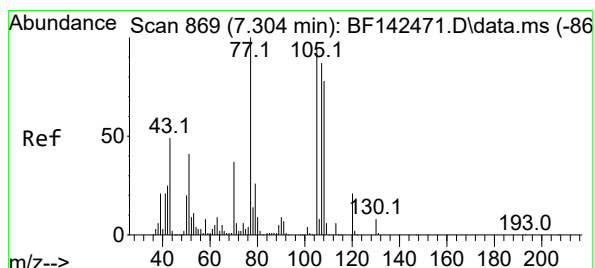
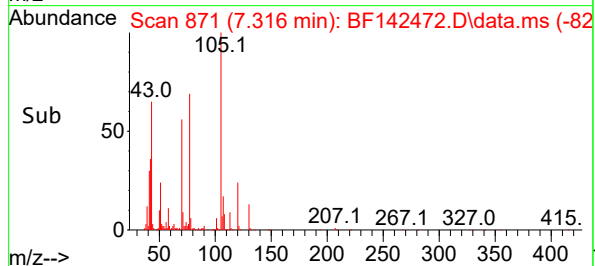
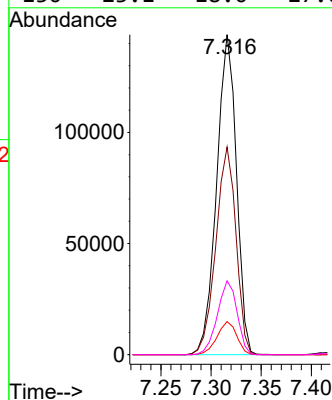
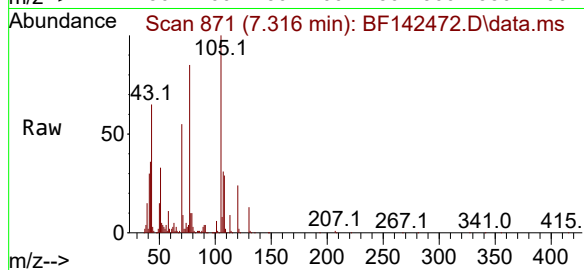
Ion Ratio Lower Upper

70 100

42 64.9 52.4 78.6

101 10.4 7.8 11.8

130 23.1 18.0 27.0



#20

3+4-Methylphenols

Concen: 51.719 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Tgt Ion: 107 Resp: 288829

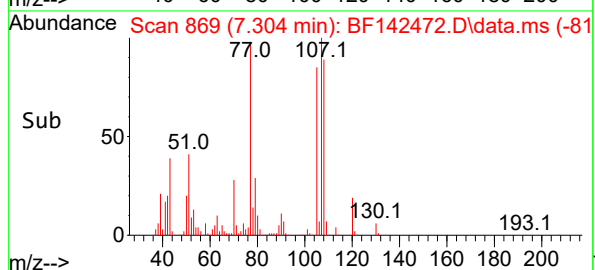
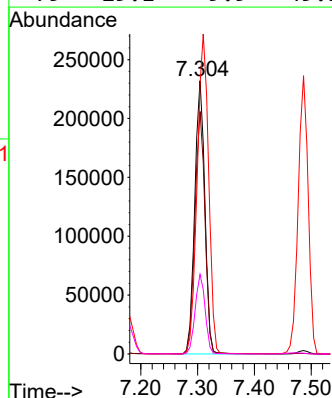
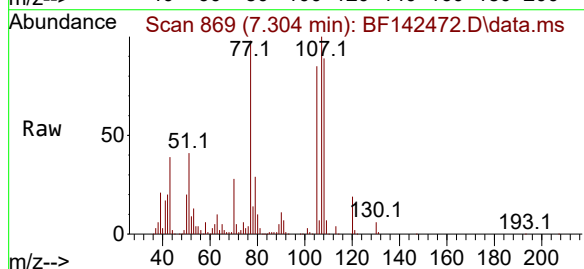
Ion Ratio Lower Upper

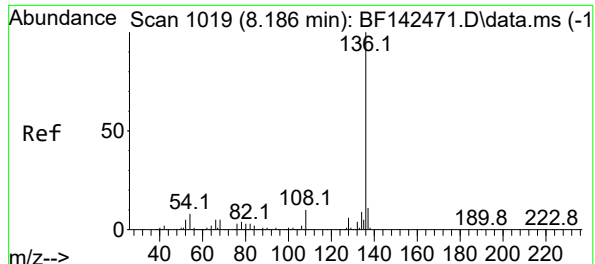
107 100

108 88.8 70.4 110.4

77 98.4 95.4 135.4

79 29.1 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 336796

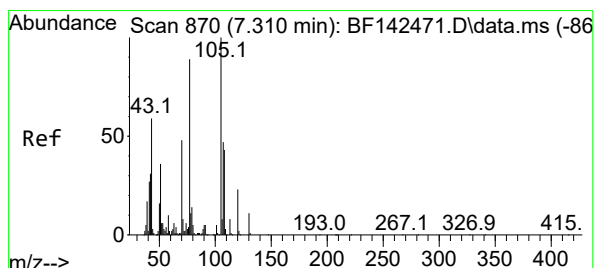
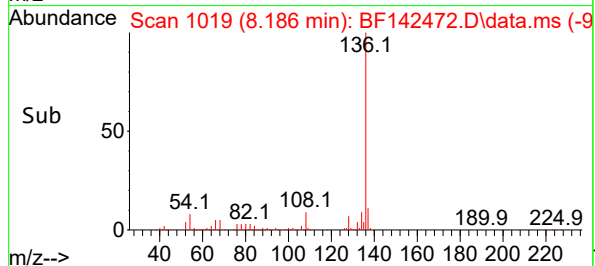
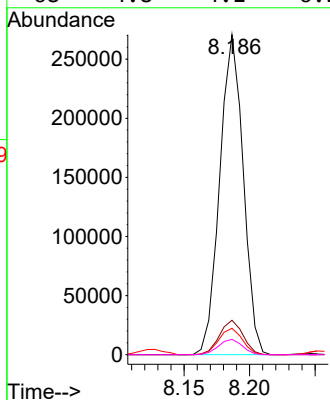
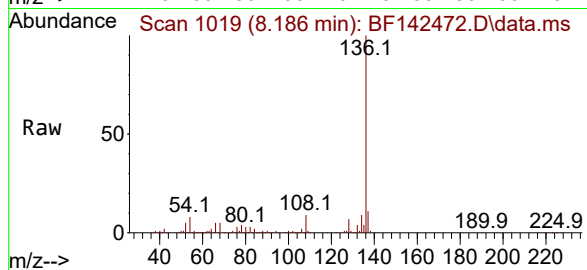
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.2 6.6 10.0

68 4.8 4.1 6.1



#22

Acetophenone

Concen: 50.992 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Tgt Ion:105 Resp: 380175

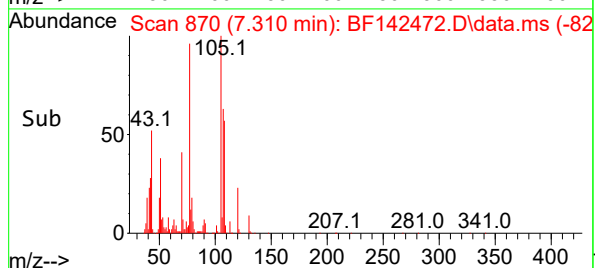
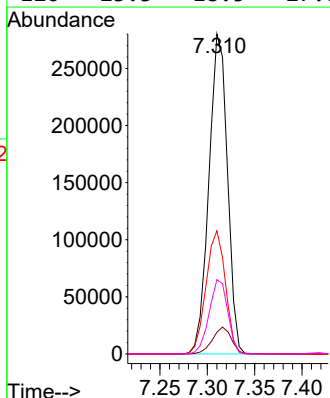
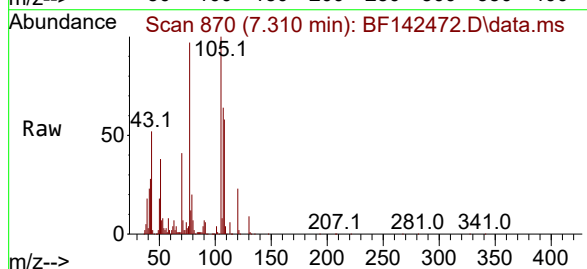
Ion Ratio Lower Upper

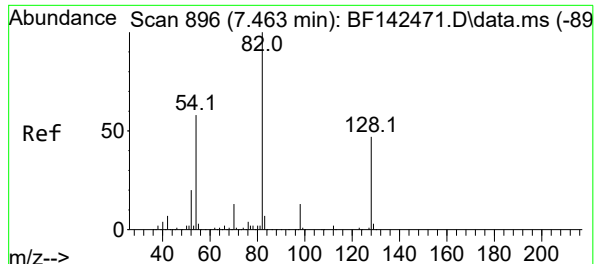
105 100

71 6.8 6.4 9.6

51 38.5 28.6 42.8

120 23.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 104.135 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

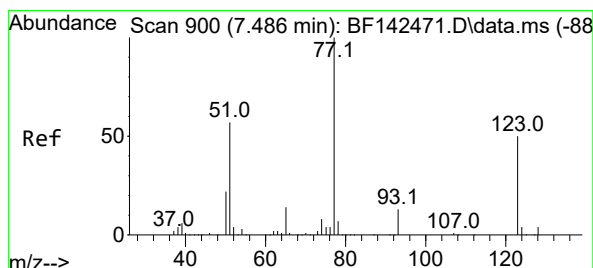
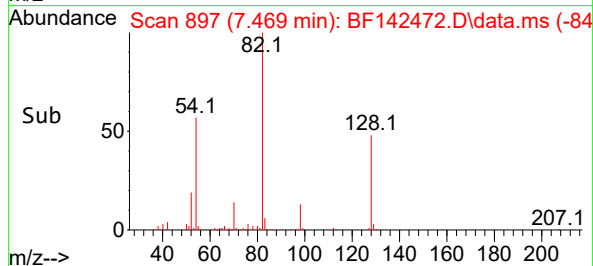
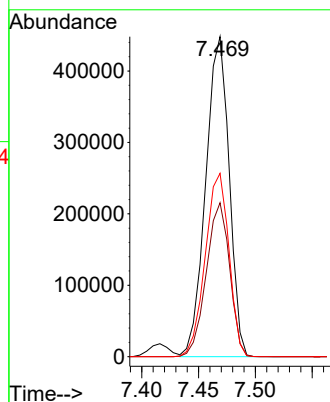
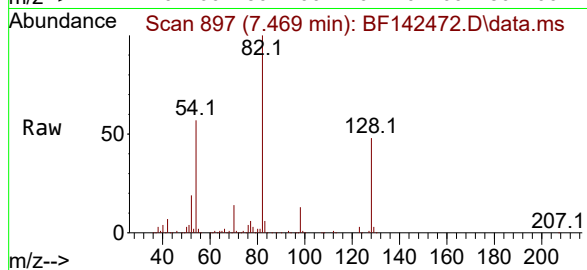
Tgt Ion: 82 Resp: 643186

Ion Ratio Lower Upper

82 100

128 48.1 37.4 56.2

54 57.3 46.6 70.0



#24

Nitrobenzene

Concen: 51.834 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

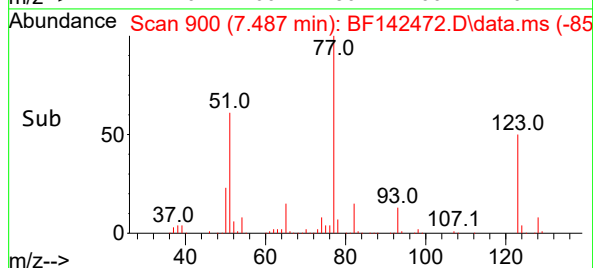
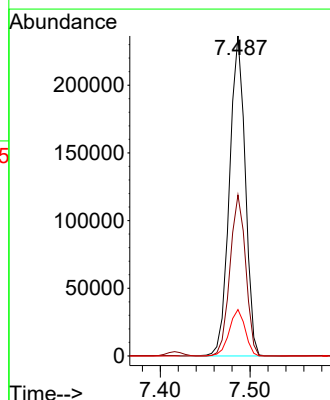
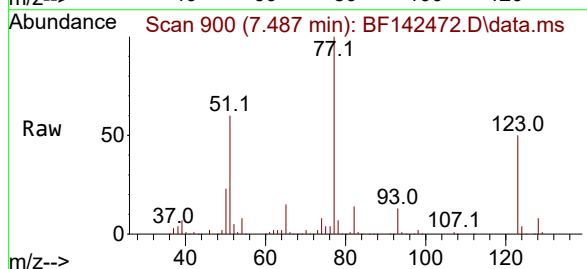
Tgt Ion: 77 Resp: 288748

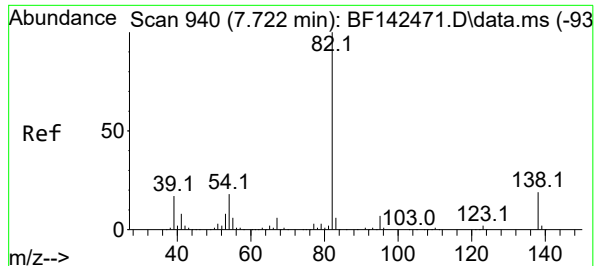
Ion Ratio Lower Upper

77 100

123 50.3 40.6 61.0

65 14.5 11.4 17.2





#25

Isophorone

Concen: 51.985 ng

RT: 7.728 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

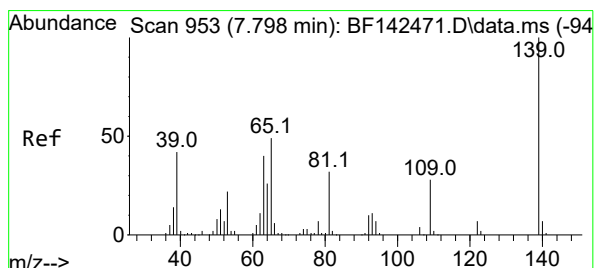
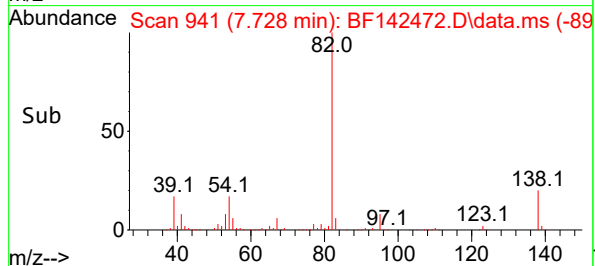
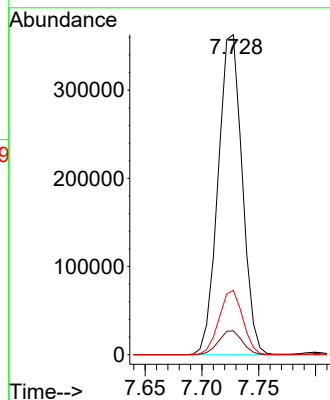
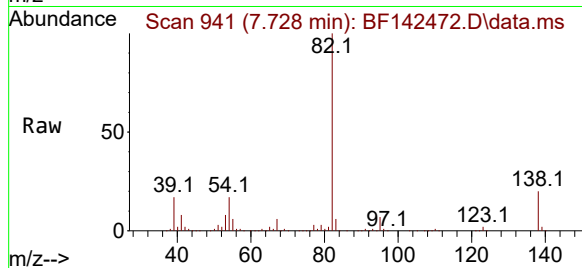
Tgt Ion: 82 Resp: 536829

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 20.1 15.5 23.3



#26

2-Nitrophenol

Concen: 53.679 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

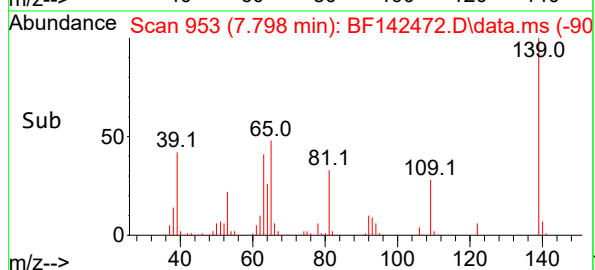
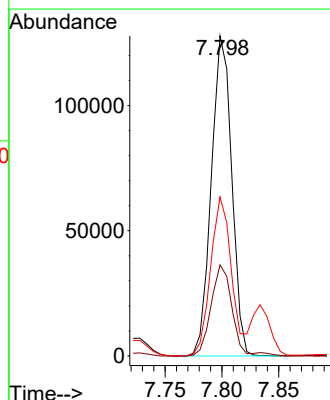
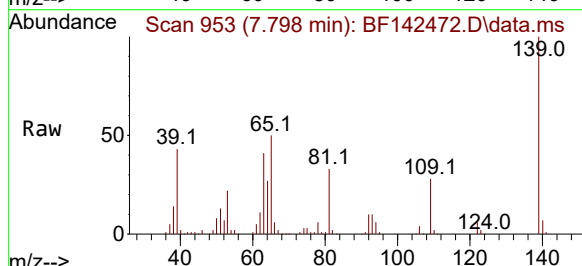
Tgt Ion:139 Resp: 159779

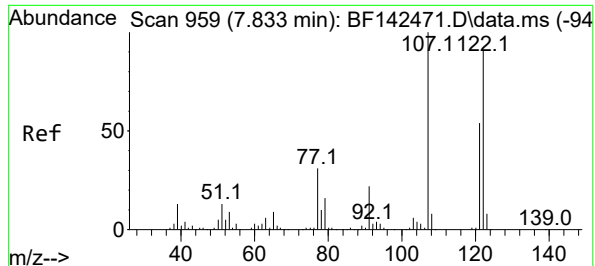
Ion Ratio Lower Upper

139 100

109 28.4 22.6 33.8

65 49.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 52.123 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

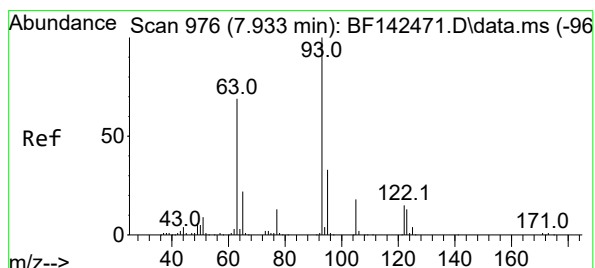
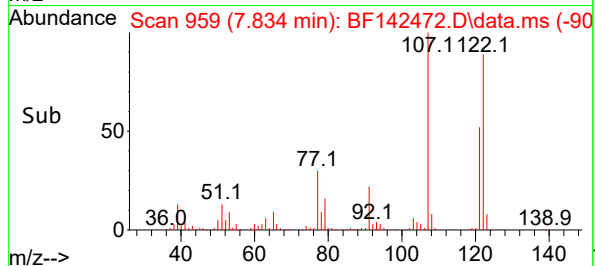
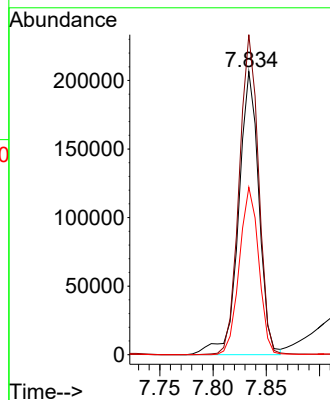
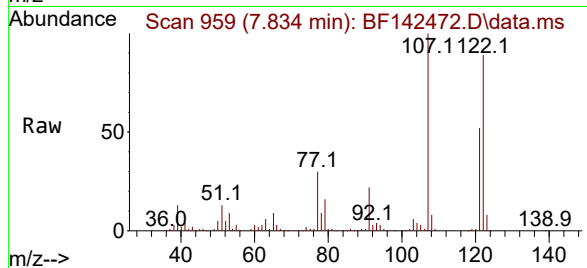
Tgt Ion:122 Resp: 273604

Ion Ratio Lower Upper

122 100

107 113.0 88.1 132.1

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 51.041 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

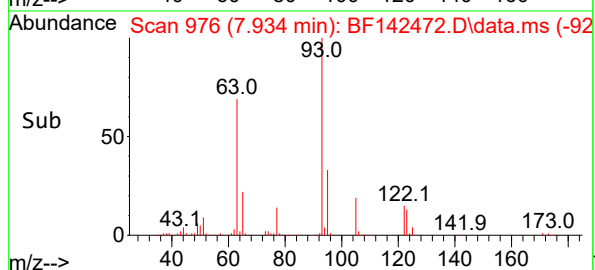
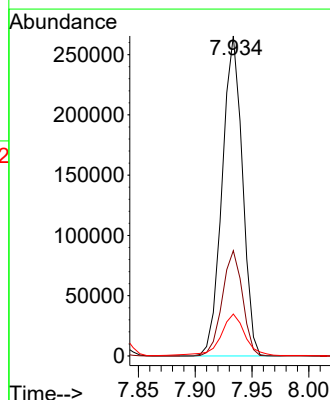
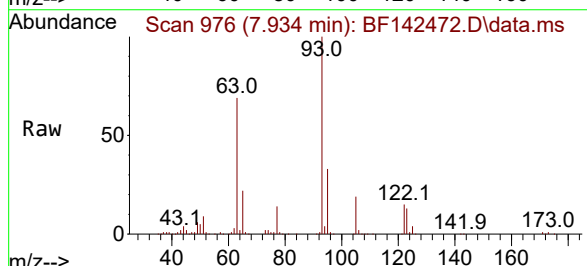
Tgt Ion: 93 Resp: 329256

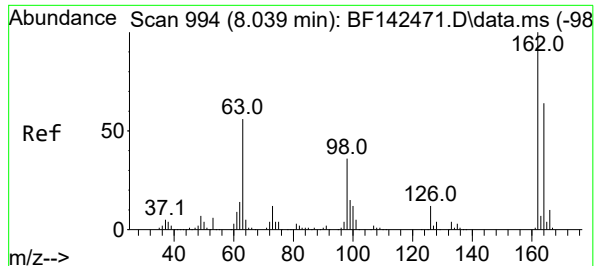
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 13.1 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 52.840 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

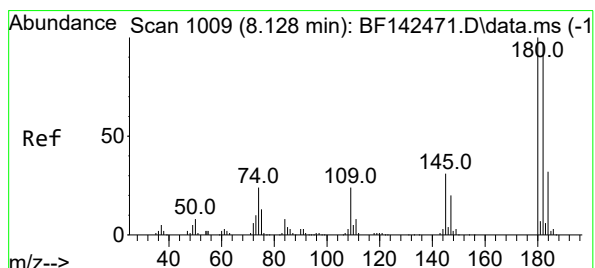
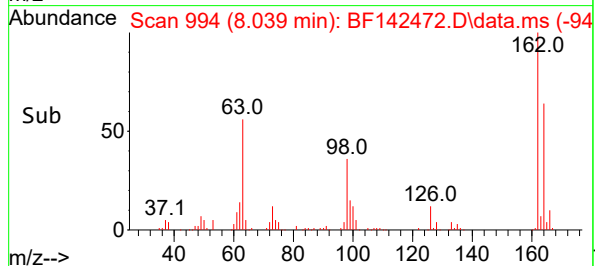
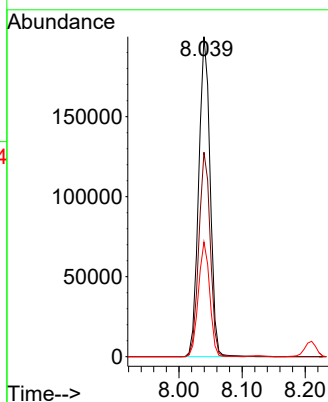
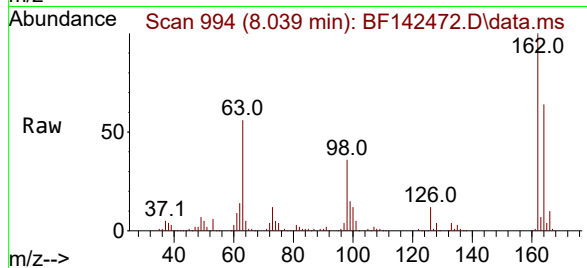
Tgt Ion:162 Resp: 252244

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 35.9 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 51.934 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

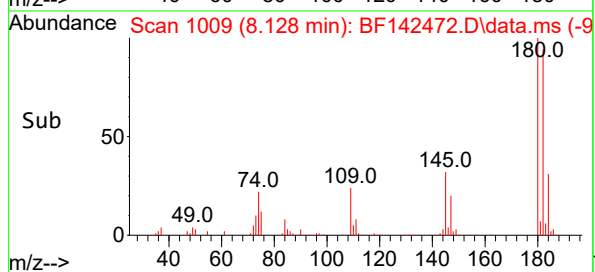
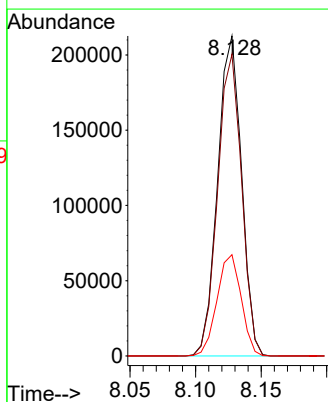
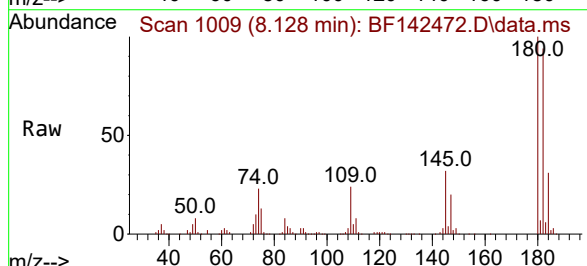
Tgt Ion:180 Resp: 269064

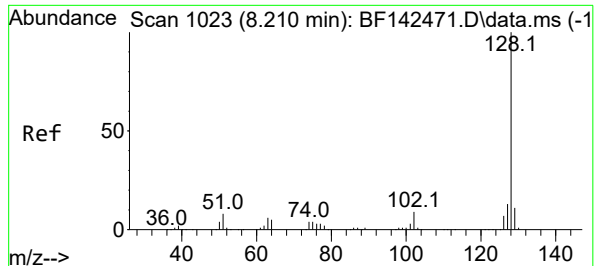
Ion Ratio Lower Upper

180 100

182 94.3 78.0 117.0

145 31.7 25.0 37.6





#31

Naphthalene

Concen: 51.109 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

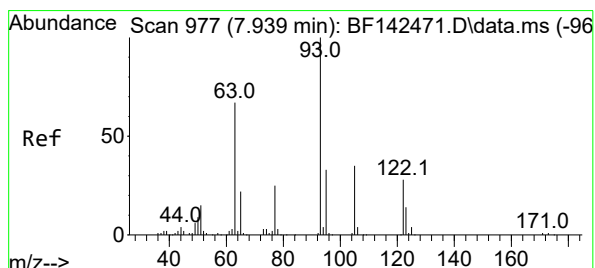
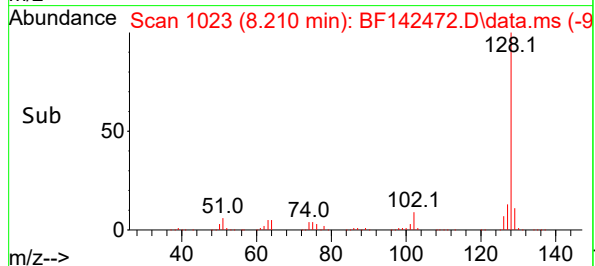
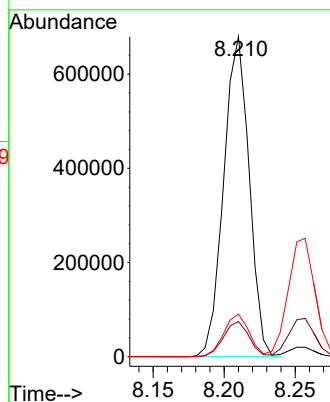
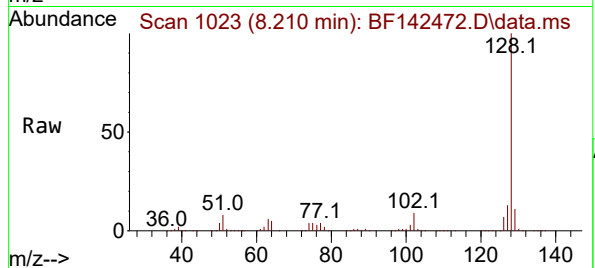
Tgt Ion:128 Resp: 847571

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 55.512 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.024 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

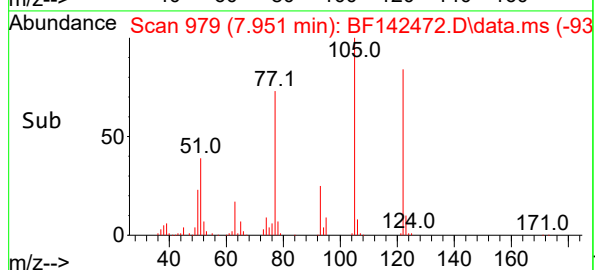
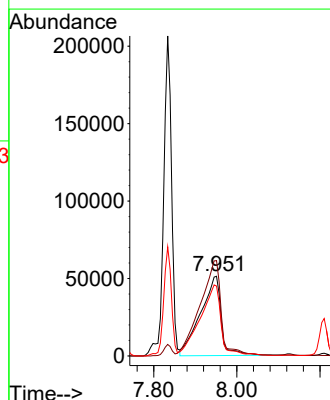
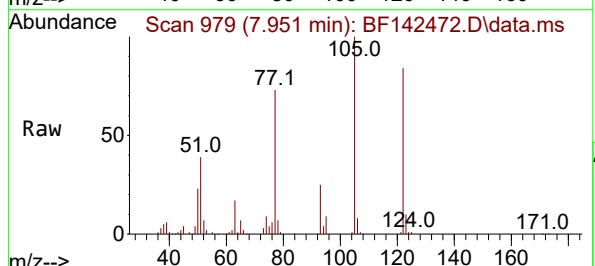
Tgt Ion:122 Resp: 177379

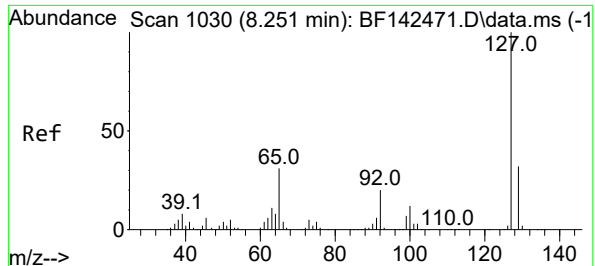
Ion Ratio Lower Upper

122 100

105 119.5 101.7 141.7

77 87.7 69.5 109.5





#33

4-Chloroaniline

Concen: 52.037 ng

RT: 8.257 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 349678

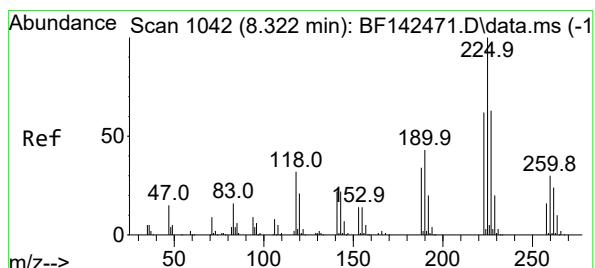
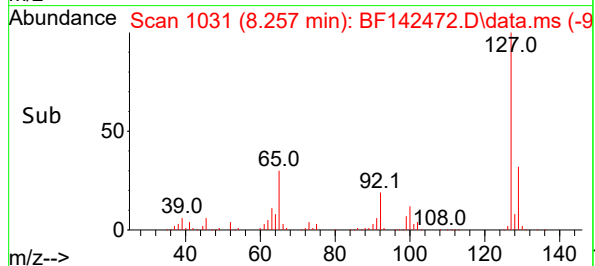
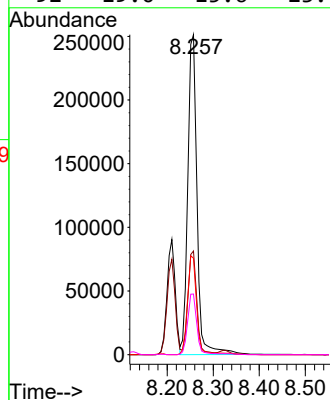
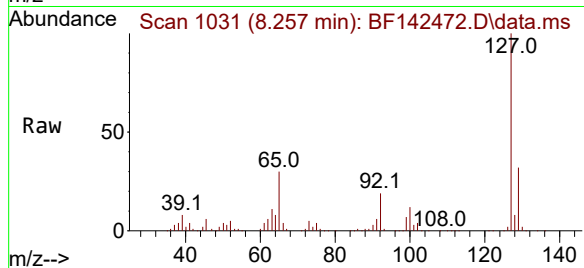
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 30.2 24.9 37.3

92 19.0 15.6 23.4



#34

Hexachlorobutadiene

Concen: 51.428 ng

RT: 8.328 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

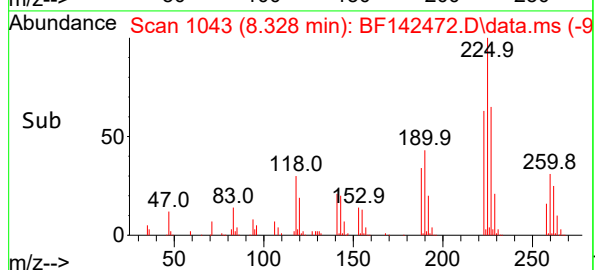
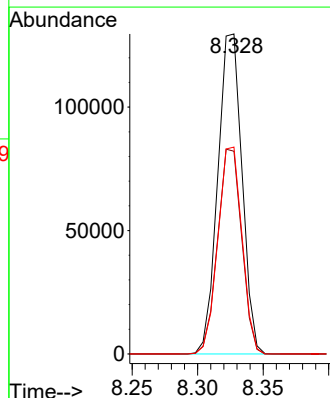
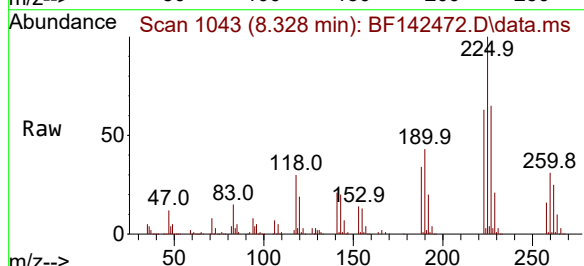
Tgt Ion:225 Resp: 166363

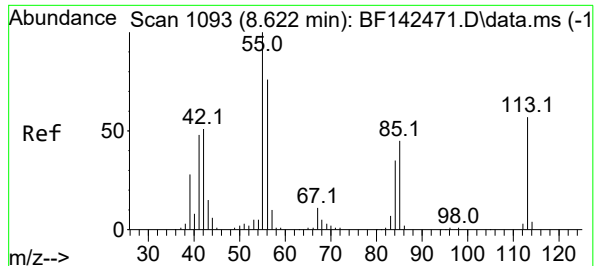
Ion Ratio Lower Upper

225 100

223 63.3 49.7 74.5

227 64.6 50.3 75.5

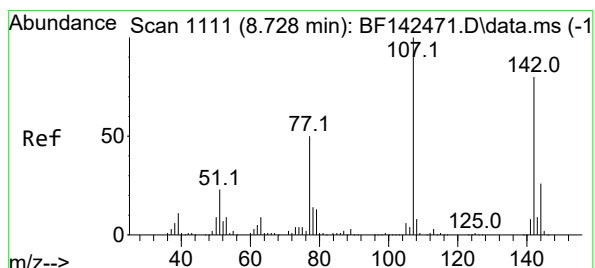
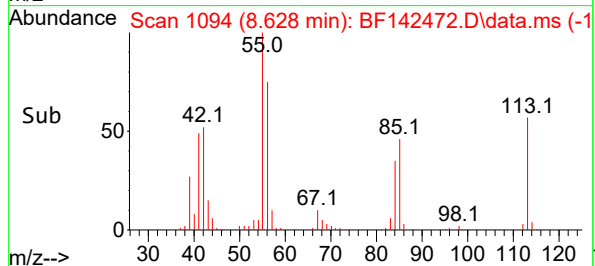
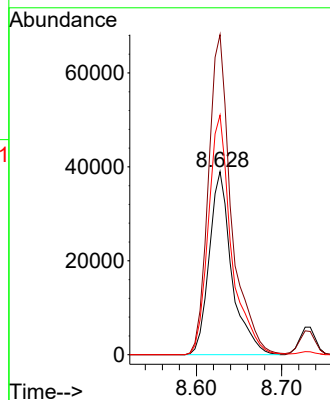
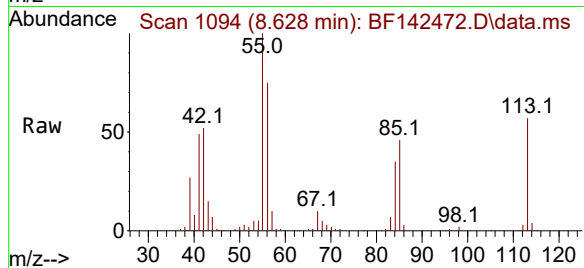




#35
Caprolactam
Concen: 53.297 ng
RT: 8.628 min Scan# 1093
Delta R.T. -0.018 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

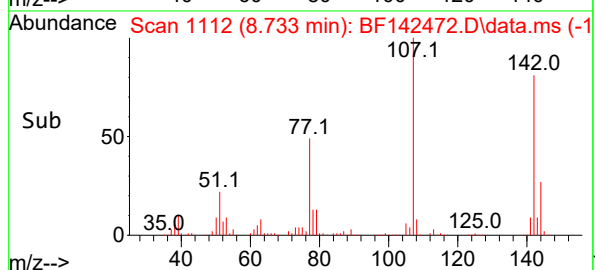
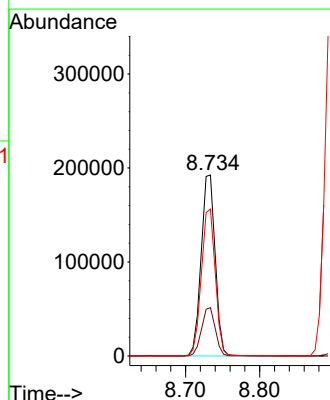
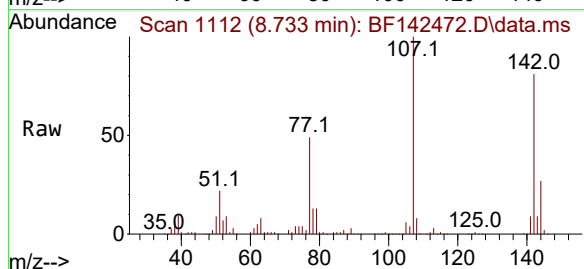
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

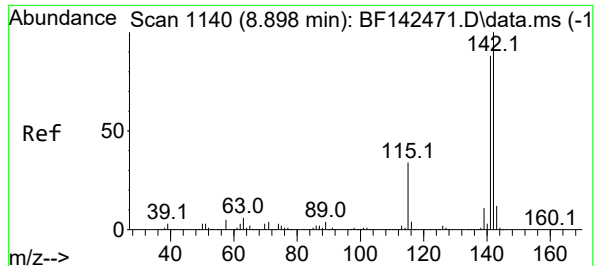
Tgt Ion:113 Resp: 71458
Ion Ratio Lower Upper
113 100
55 174.8 154.7 194.7
56 130.8 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 51.862 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:107 Resp: 253726
Ion Ratio Lower Upper
107 100
144 26.7 20.9 31.3
142 81.2 64.2 96.2

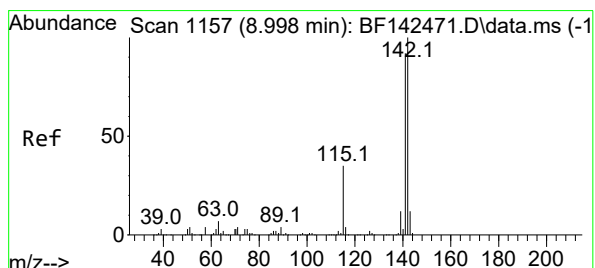
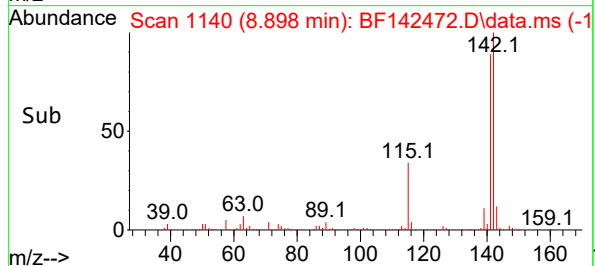
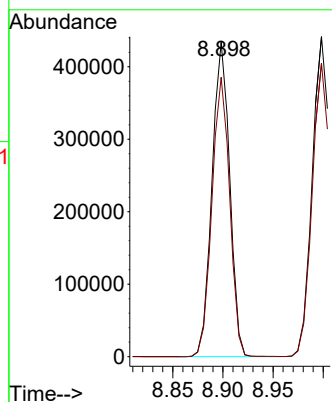
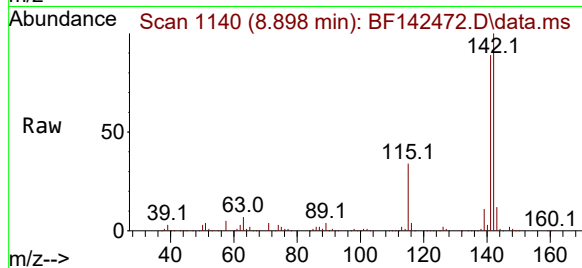




#37
2-Methylnaphthalene
Concen: 50.907 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

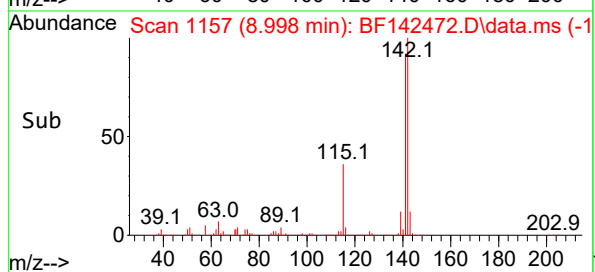
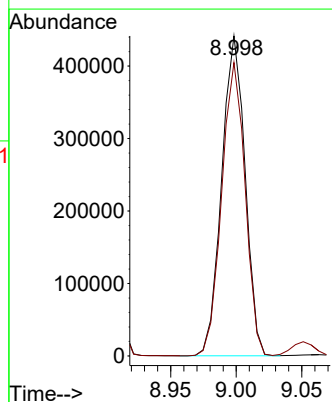
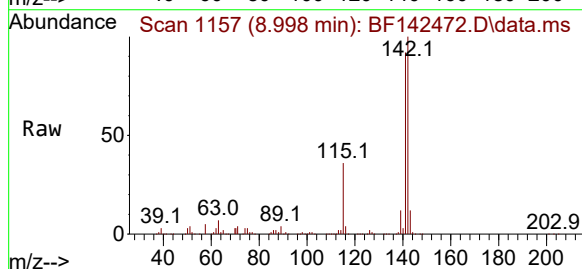
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

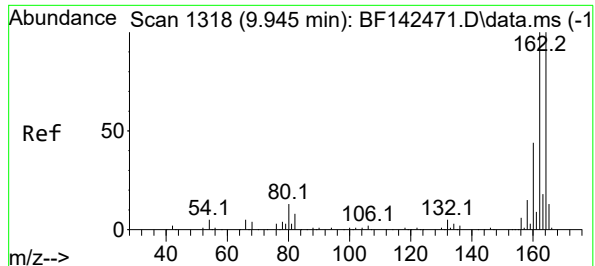
Tgt Ion:142 Resp: 531122
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1



#38
1-Methylnaphthalene
Concen: 50.711 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:142 Resp: 547258
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

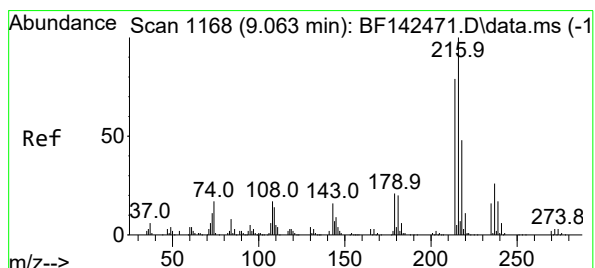
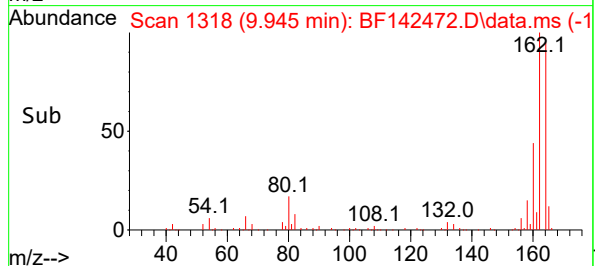
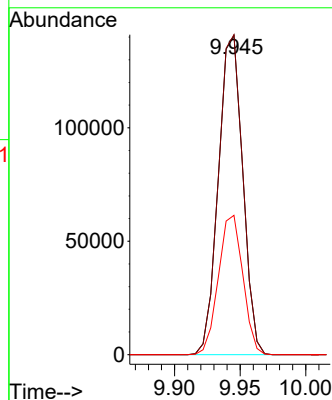
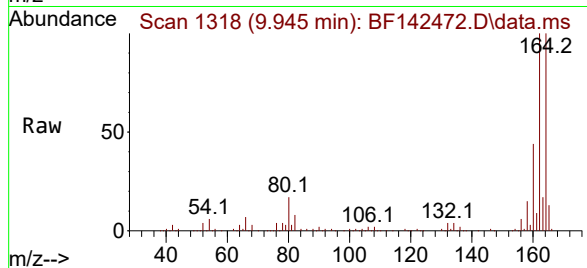
Tgt Ion:164 Resp: 181409

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

160 43.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.543 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Tgt Ion:216 Resp: 268407

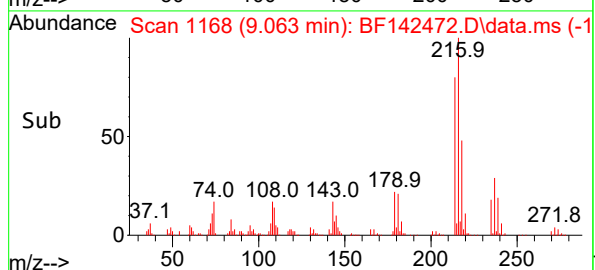
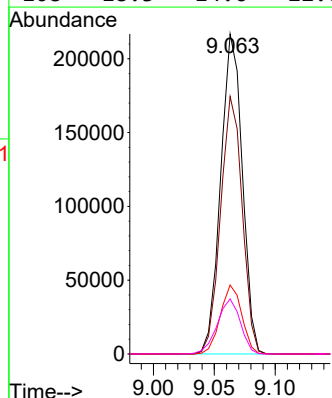
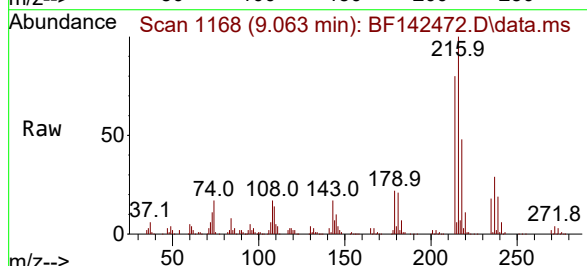
Ion Ratio Lower Upper

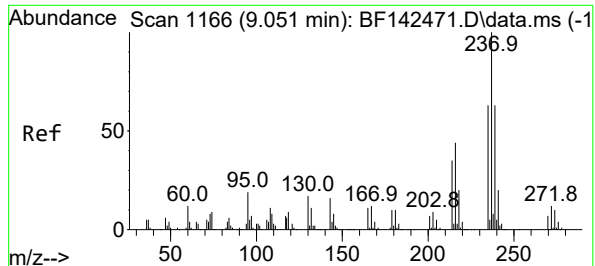
216 100

214 80.3 62.9 94.3

179 21.3 16.9 25.3

108 18.3 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 55.532 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

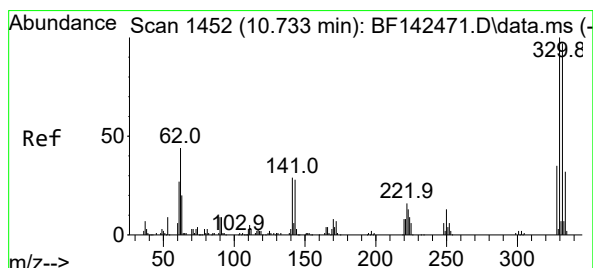
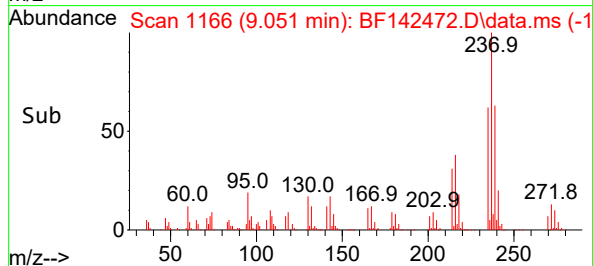
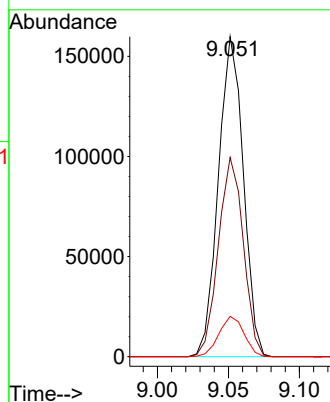
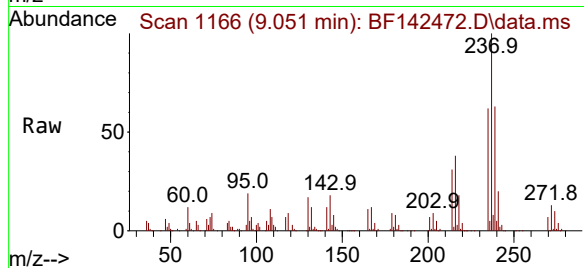
Tgt Ion:237 Resp: 195080

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 104.956 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

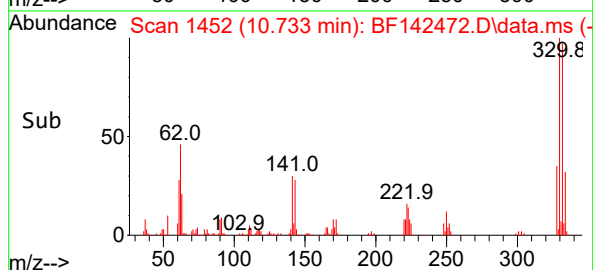
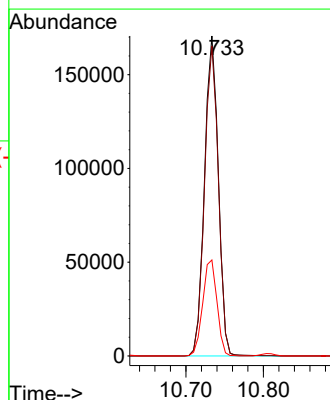
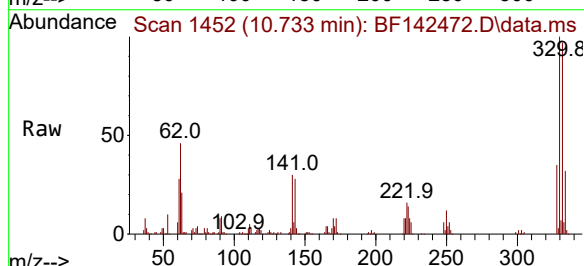
Tgt Ion:330 Resp: 211319

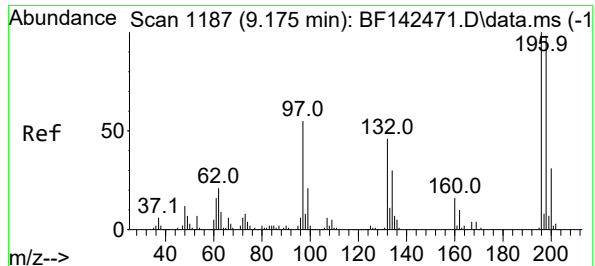
Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 30.9 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 52.421 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142472.D

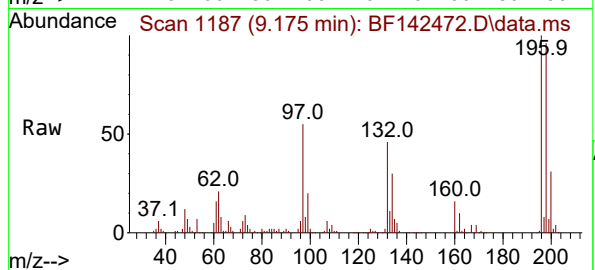
Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



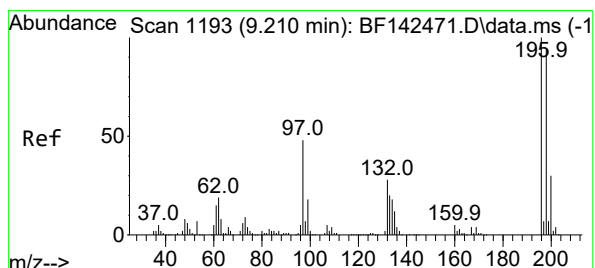
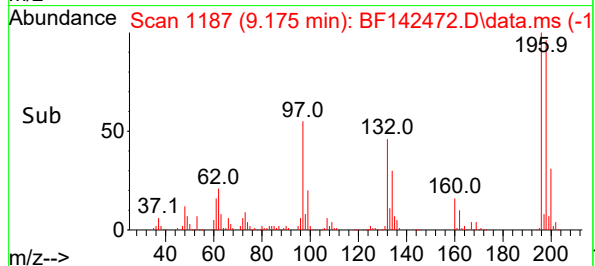
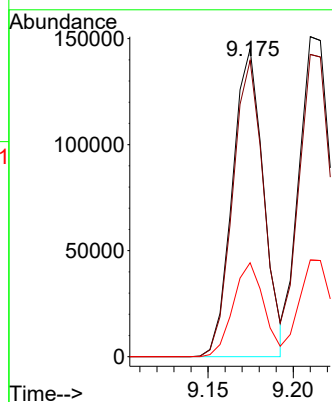
Tgt Ion:196 Resp: 184076

Ion Ratio Lower Upper

196 100

198 96.3 78.8 118.2

200 30.5 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 53.537 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Tgt Ion:196 Resp: 198266

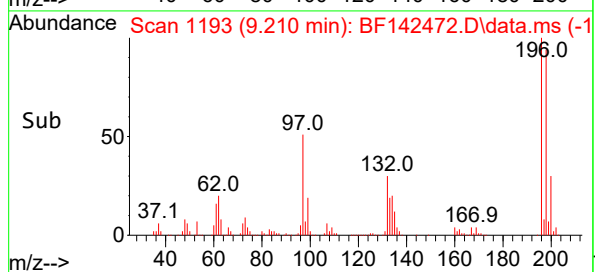
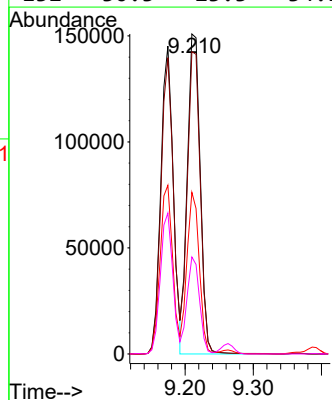
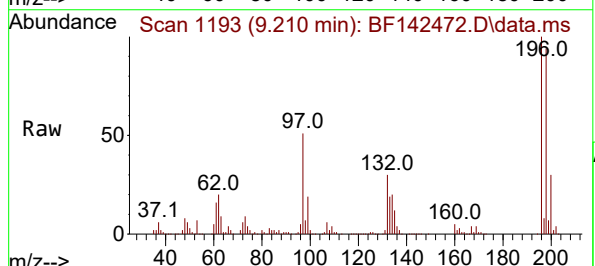
Ion Ratio Lower Upper

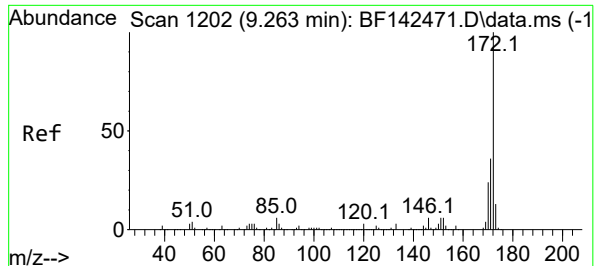
196 100

198 94.4 75.5 113.3

97 50.5 39.3 58.9

132 30.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 99.269 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

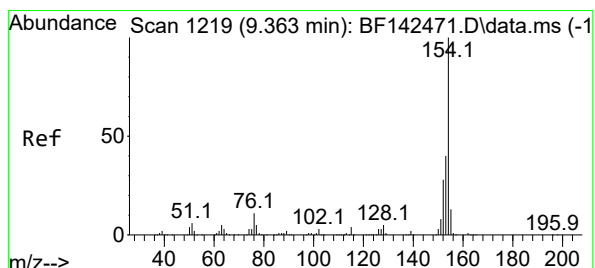
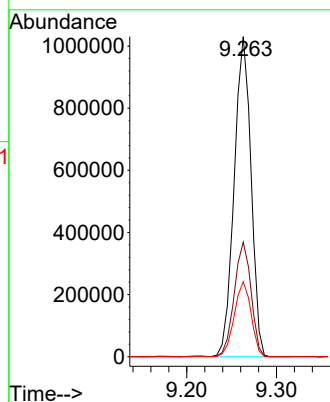
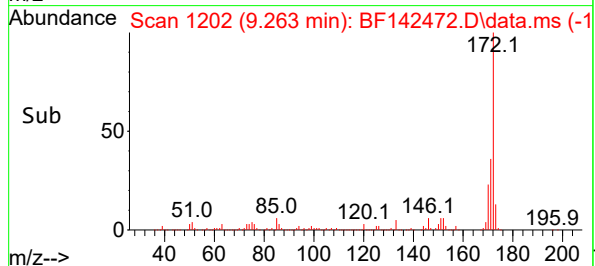
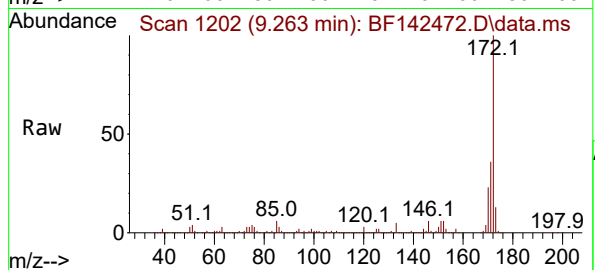
Tgt Ion:172 Resp: 1342037

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 51.405 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

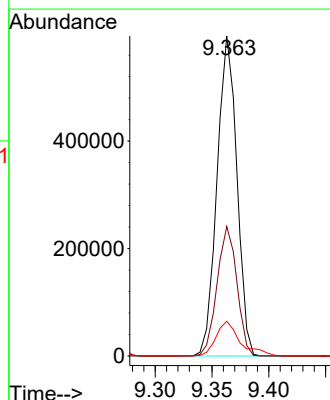
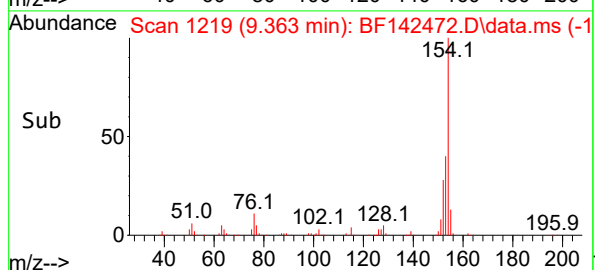
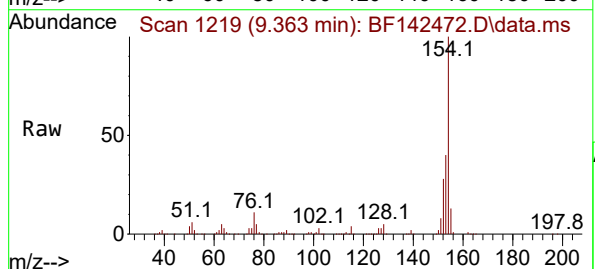
Tgt Ion:154 Resp: 723473

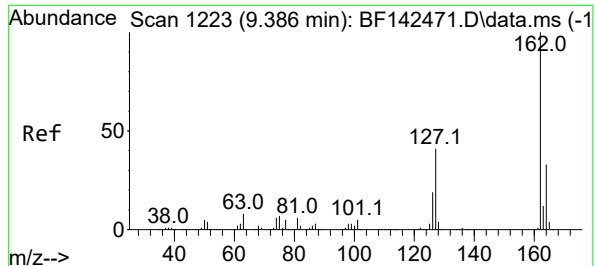
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 51.583 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142472.D

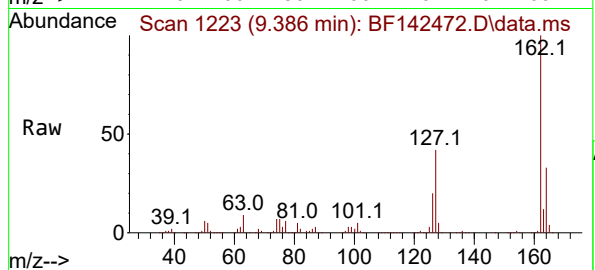
Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



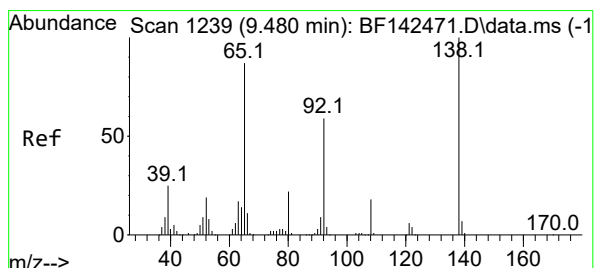
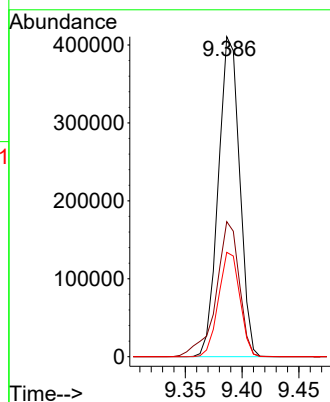
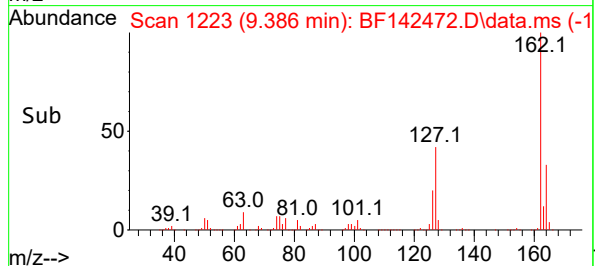
Tgt Ion:162 Resp: 536379

Ion Ratio Lower Upper

162 100

127 42.2 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 53.410 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

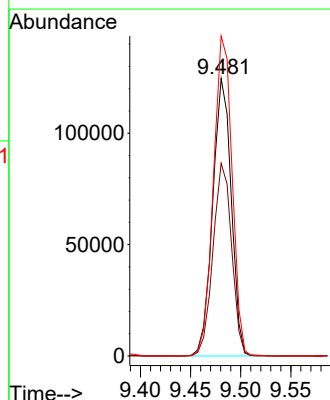
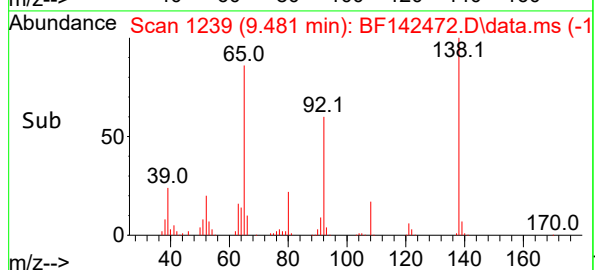
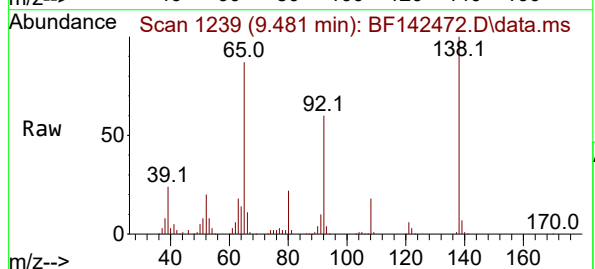
Tgt Ion: 65 Resp: 160529

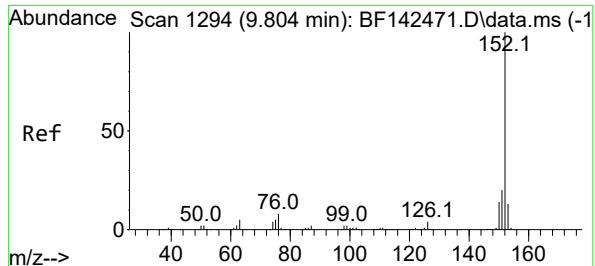
Ion Ratio Lower Upper

65 100

92 69.4 54.4 81.6

138 115.3 91.4 137.2





#49

Acenaphthylene

Concen: 51.602 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

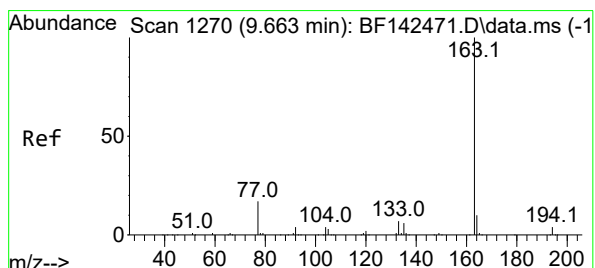
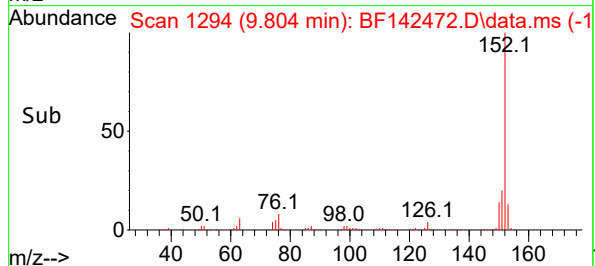
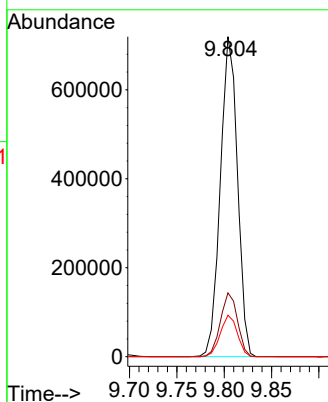
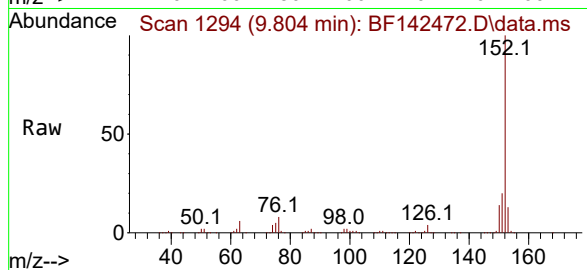
Tgt Ion:152 Resp: 906063

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 51.764 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

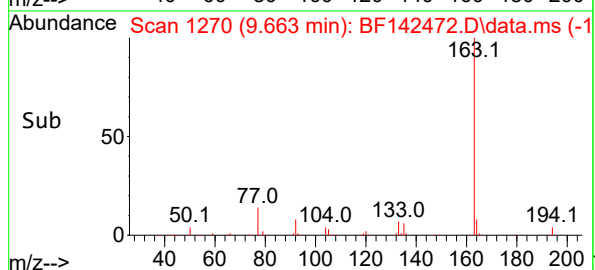
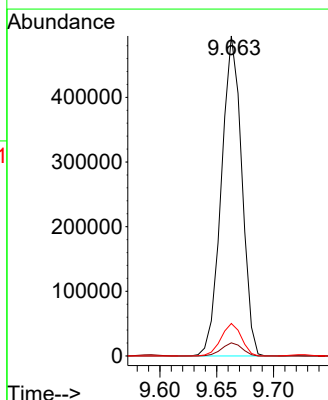
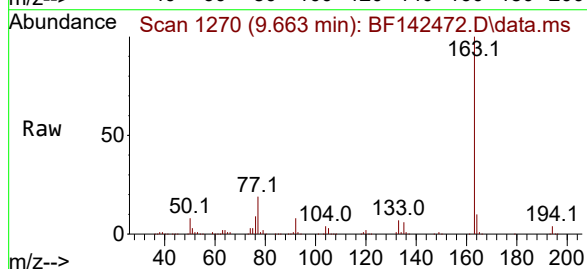
Tgt Ion:163 Resp: 619616

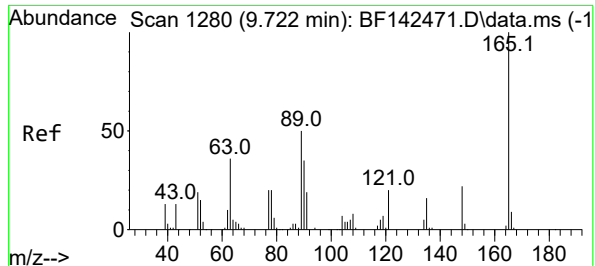
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.2 12.4

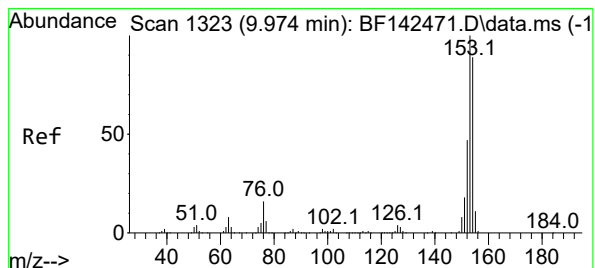
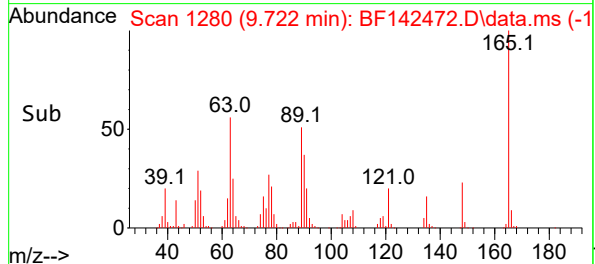
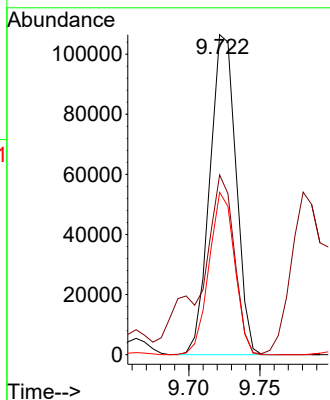
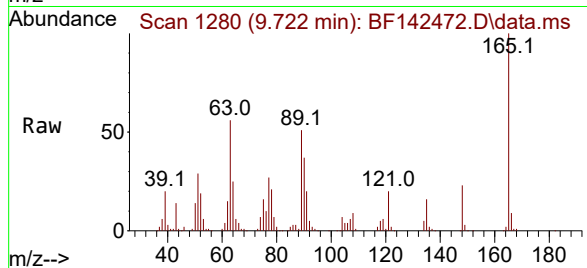




#51
2,6-Dinitrotoluene
Concen: 53.064 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

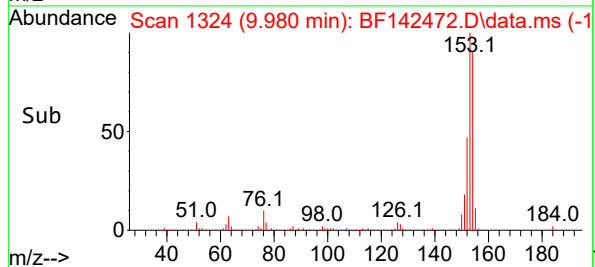
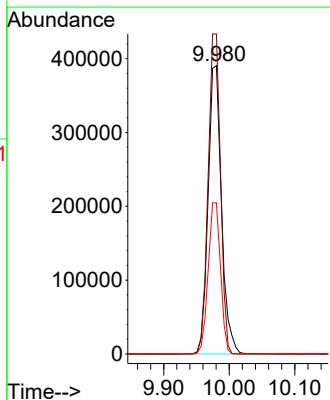
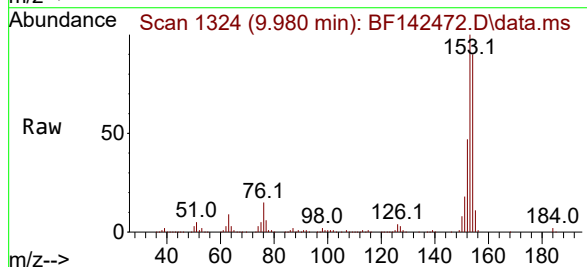
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

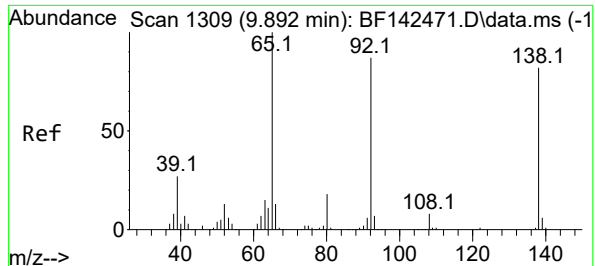
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.2	42.9	64.3
89	50.7	40.2	60.4



#52
Acenaphthene
Concen: 51.742 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

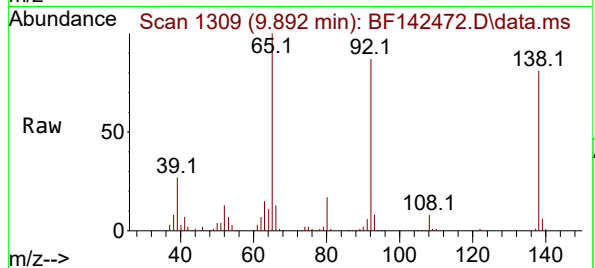
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.0	135.0
152	52.4	42.6	64.0



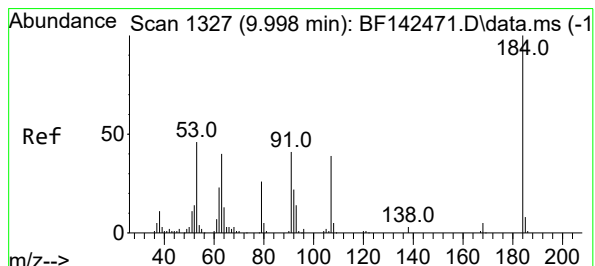
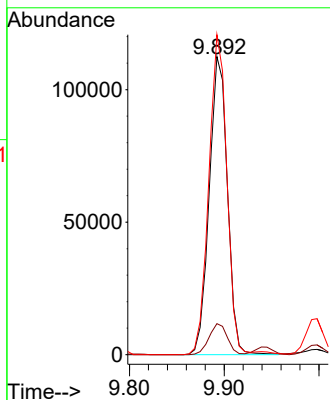
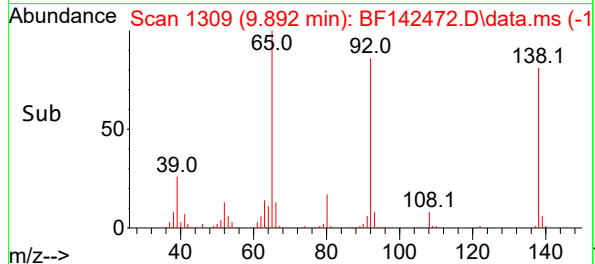


#53
3-Nitroaniline
Concen: 53.082 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

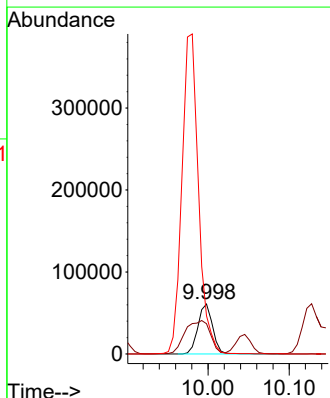
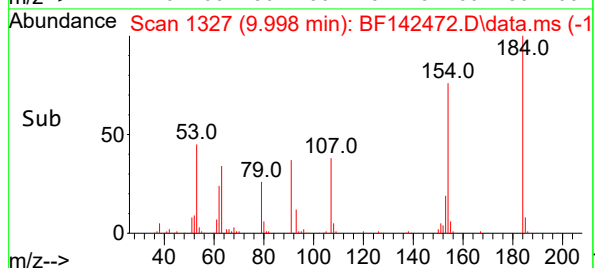
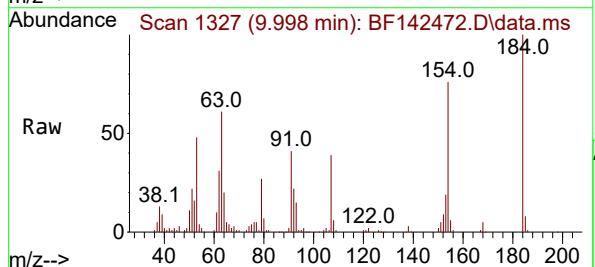


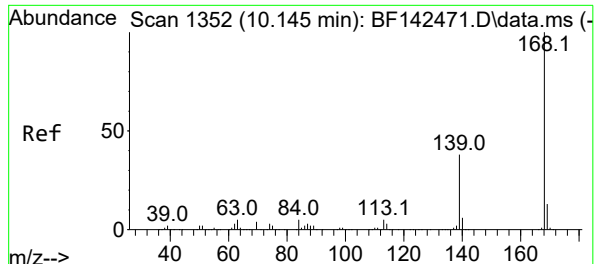
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	107.3	85.2	127.8



#54
2,4-Dinitrophenol
Concen: 57.487 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	46.3	69.5
154	76.3	56.8	85.2





#55

Dibenzenofuran

Concen: 51.038 ng

RT: 10.151 min Scan# 1353

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

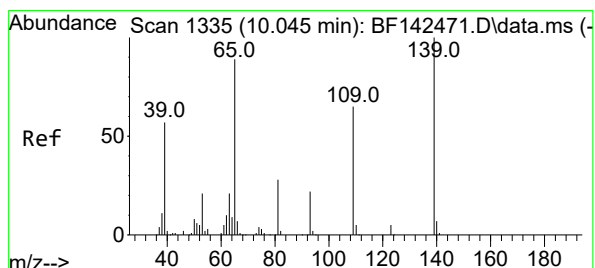
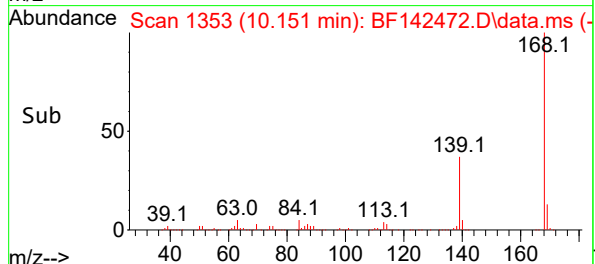
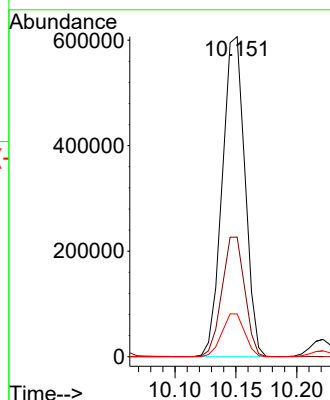
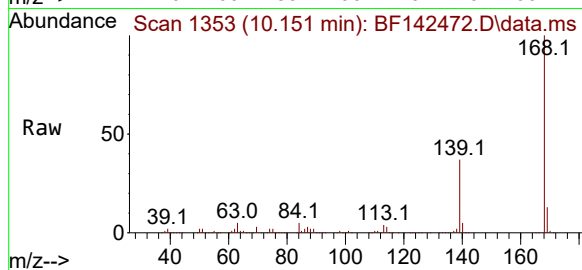
Tgt Ion:168 Resp: 787446

Ion Ratio Lower Upper

168 100

139 37.3 30.2 45.2

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 54.849 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

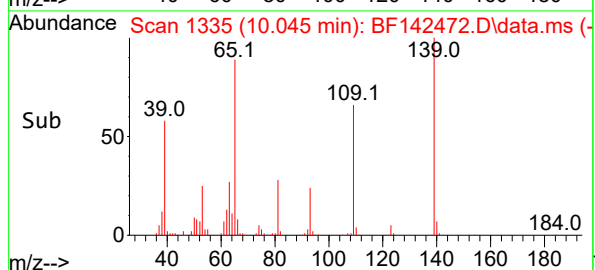
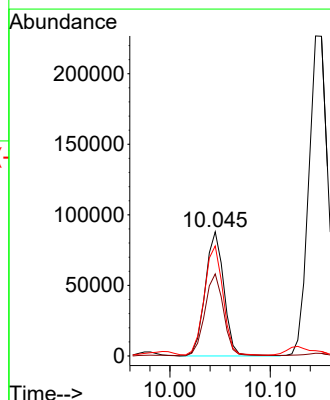
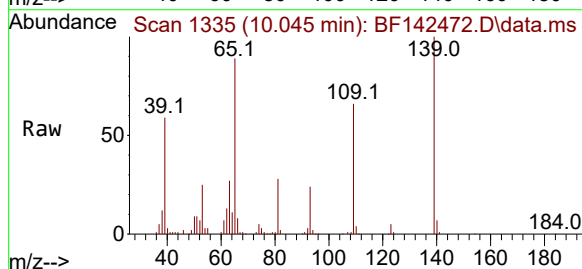
Tgt Ion:139 Resp: 114198

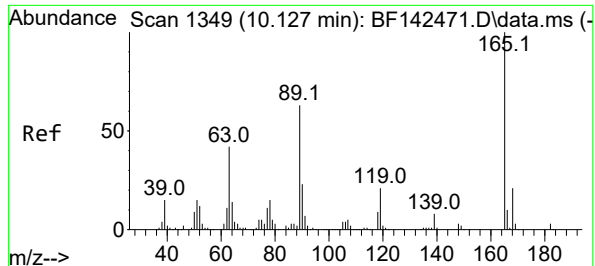
Ion Ratio Lower Upper

139 100

109 66.1 45.1 85.1

65 88.7 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 53.473 ng

RT: 10.128 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 180417

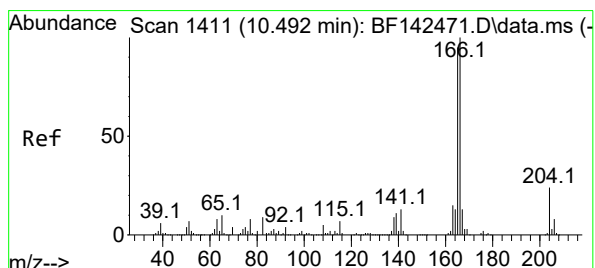
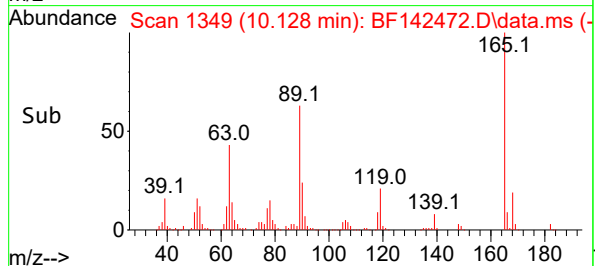
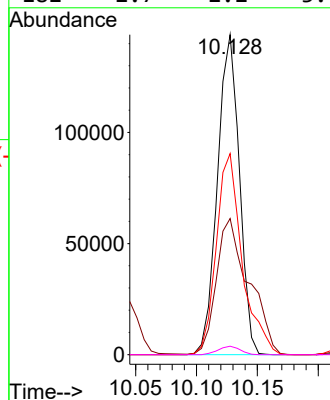
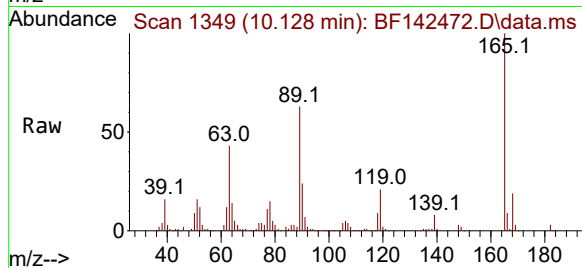
Ion Ratio Lower Upper

165 100

63 42.5 33.6 50.4

89 62.8 50.2 75.4

182 2.7 2.2 3.4



#58

Fluorene

Concen: 51.090 ng

RT: 10.492 min Scan# 1411

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

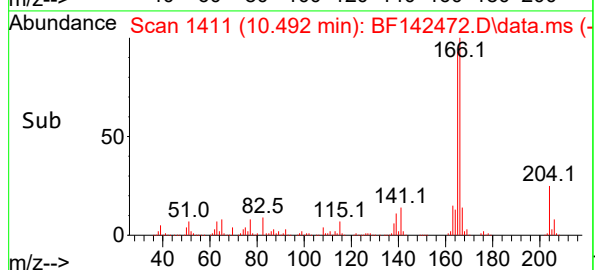
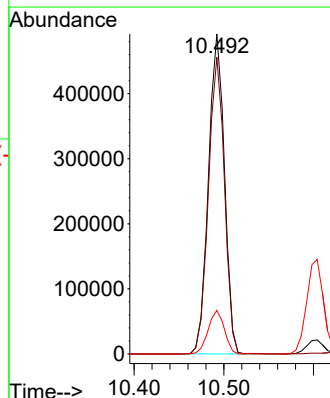
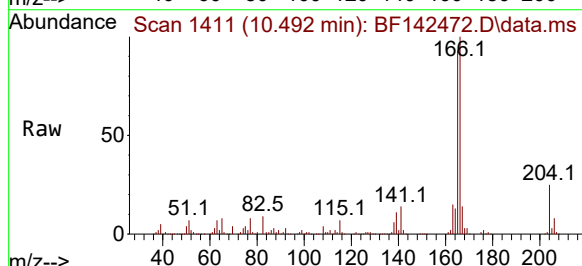
Tgt Ion:166 Resp: 608966

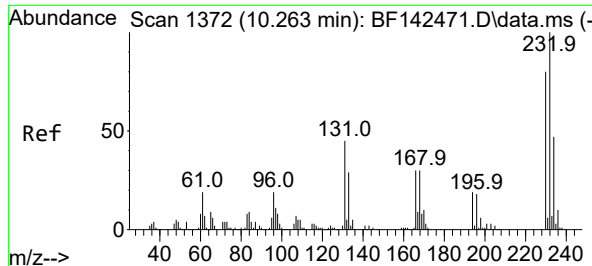
Ion Ratio Lower Upper

166 100

165 92.7 75.8 113.8

167 13.6 10.6 16.0

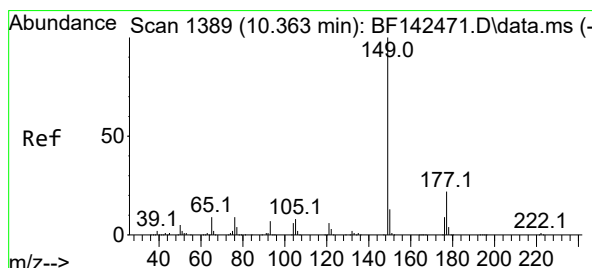
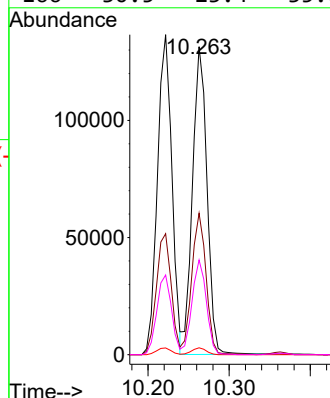
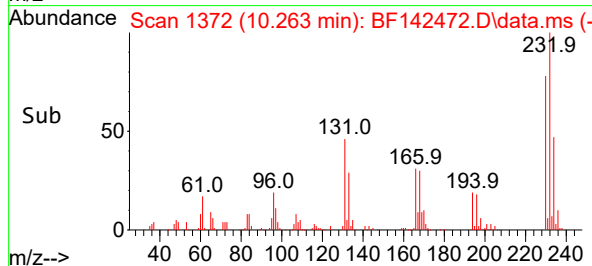
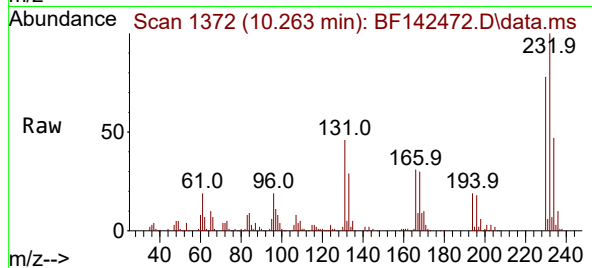




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.897 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

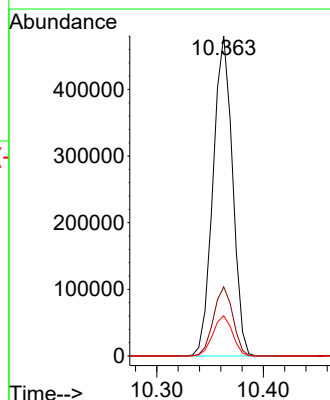
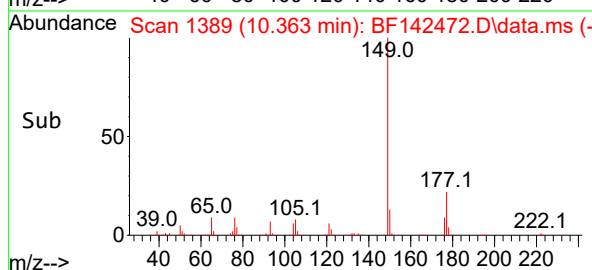
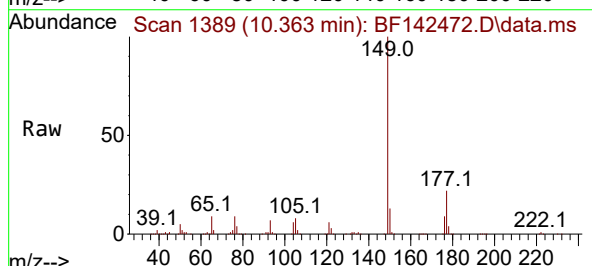
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

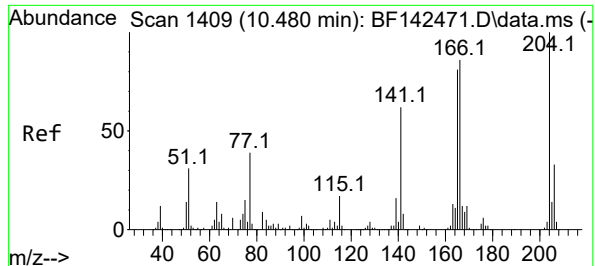
Tgt Ion:232 Resp: 163539
Ion Ratio Lower Upper
232 100
131 45.5 35.2 52.8
130 2.2 1.7 2.5
166 30.5 23.4 35.0



#60
Diethylphthalate
Concen: 52.089 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 608941
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.5 10.1 15.1

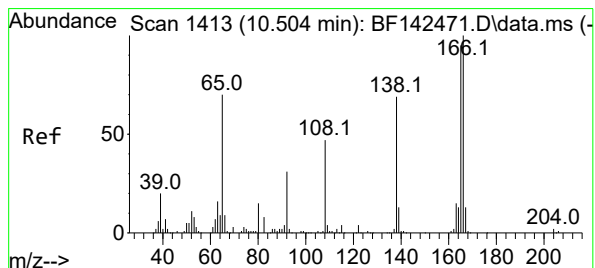
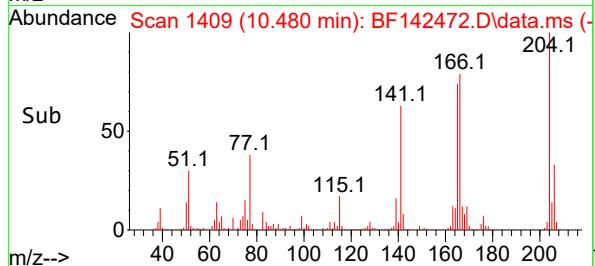
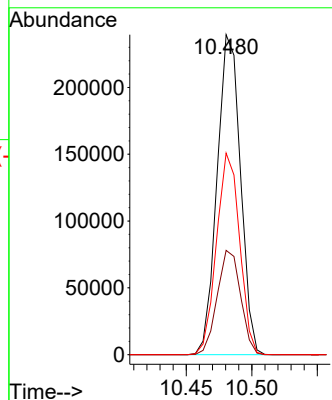
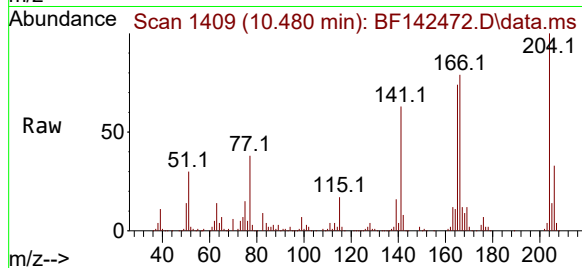




#61
4-Chlorophenyl-phenylether
Concen: 50.597 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

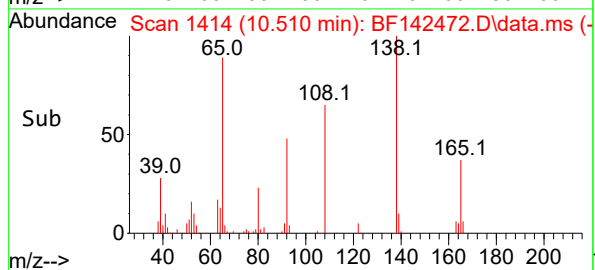
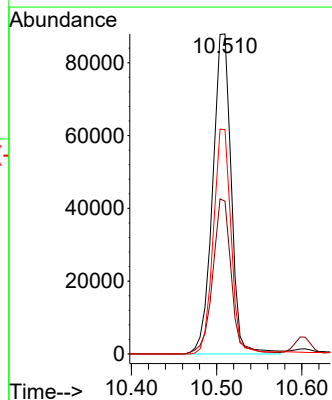
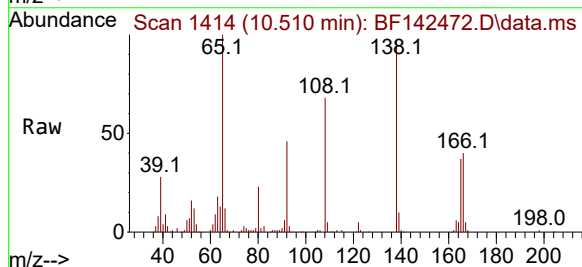
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

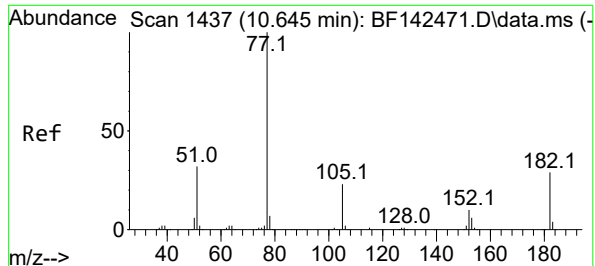
Tgt Ion:204 Resp: 296264
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 63.0 49.5 74.3



#62
4-Nitroaniline
Concen: 52.024 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:138 Resp: 133141
Ion Ratio Lower Upper
138 100
92 47.7 26.0 66.0
108 70.1 48.4 88.4

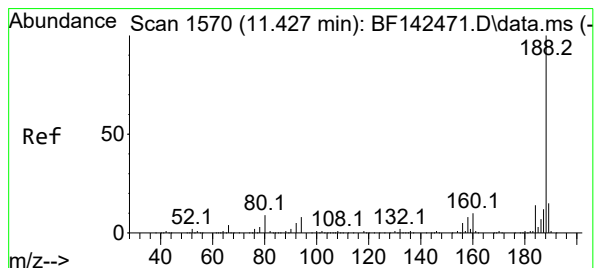
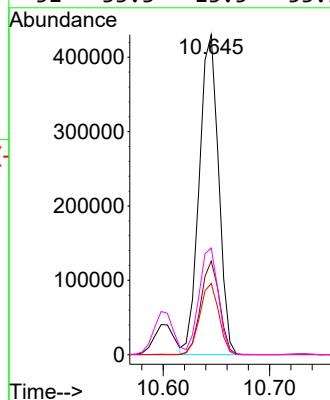
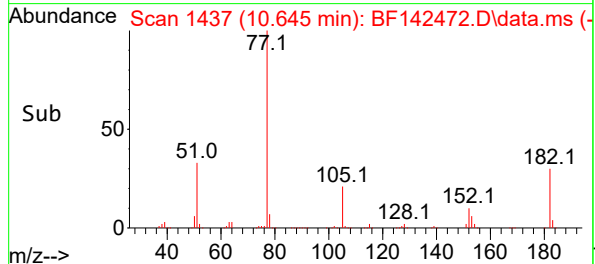
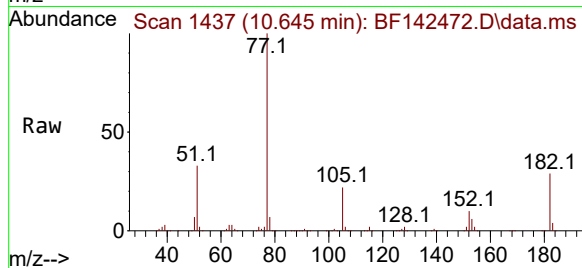




#63
Azobenzene
Concen: 51.703 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

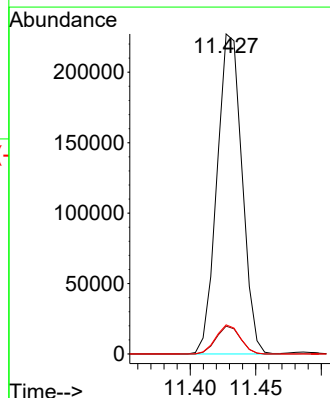
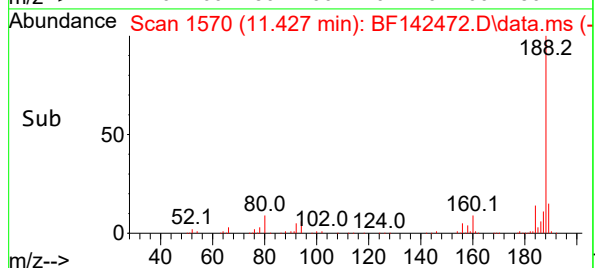
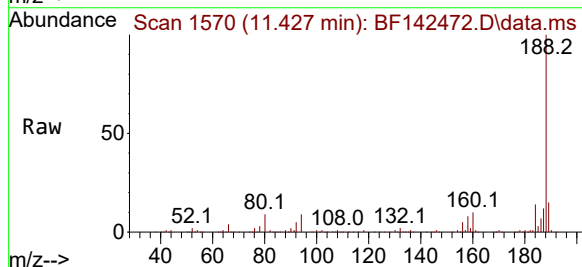
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

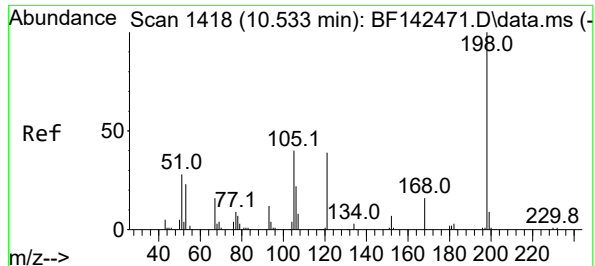
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.3	9.0	49.0
105	22.3	2.4	42.4
51	33.3	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	7.4	11.0

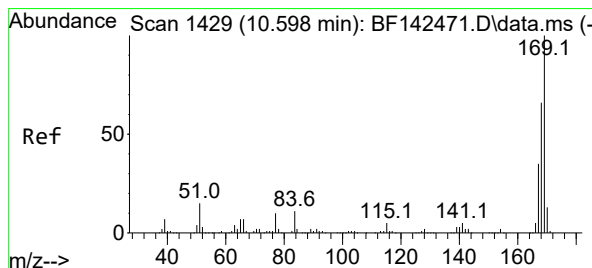
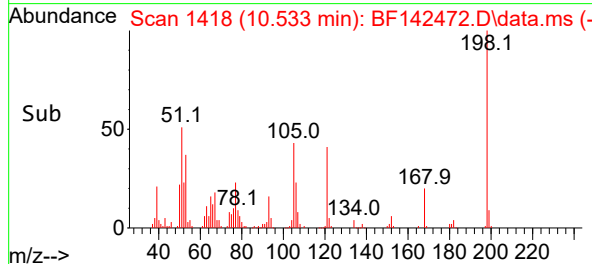
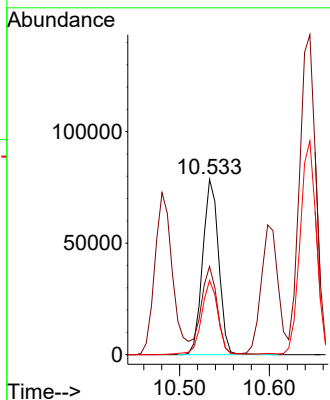
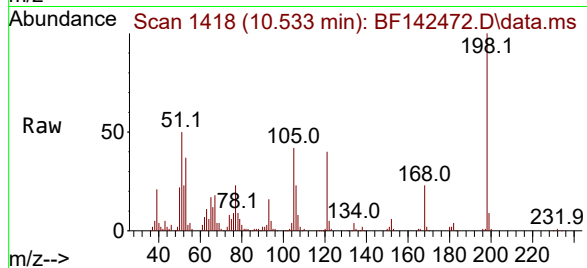




#65
4,6-Dinitro-2-methylphenol
Concen: 57.734 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

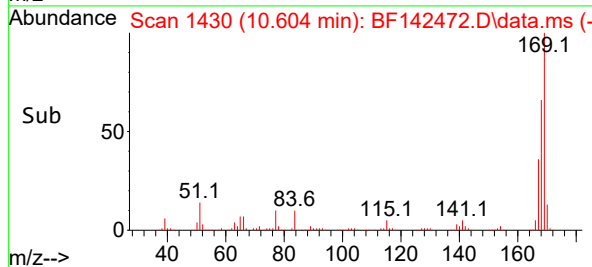
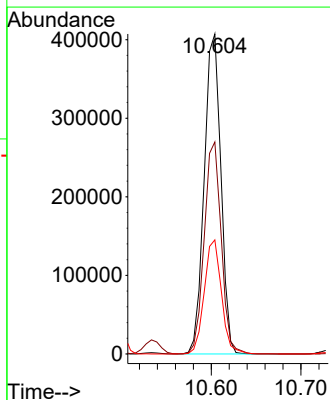
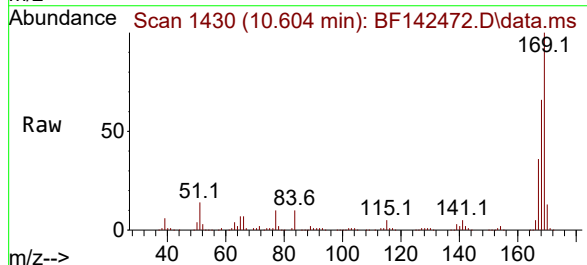
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

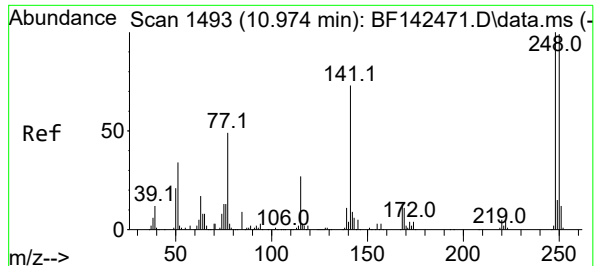
Tgt Ion:198 Resp: 97203
Ion Ratio Lower Upper
198 100
51 50.4 28.3 68.3
105 42.4 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 50.960 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:169 Resp: 525974
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 35.7 28.3 42.5

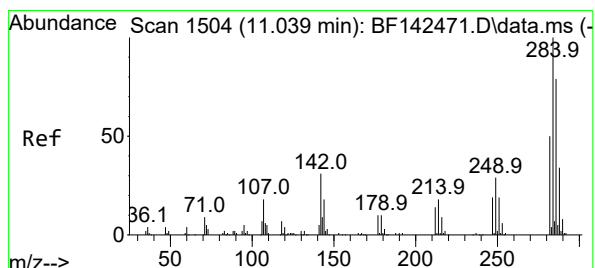
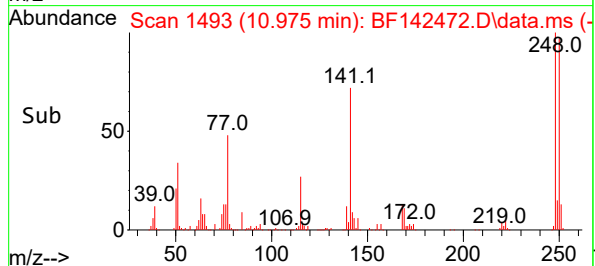
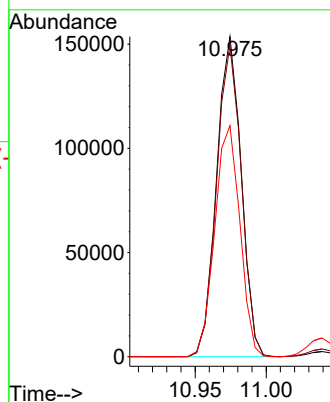
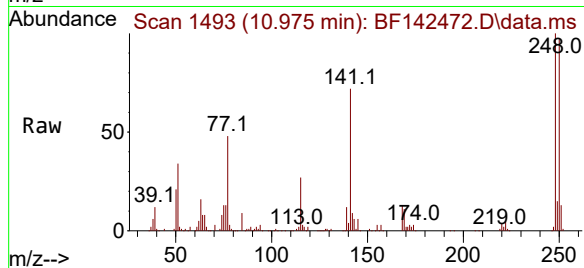




#67
4-Bromophenyl-phenylether
Concen: 52.061 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

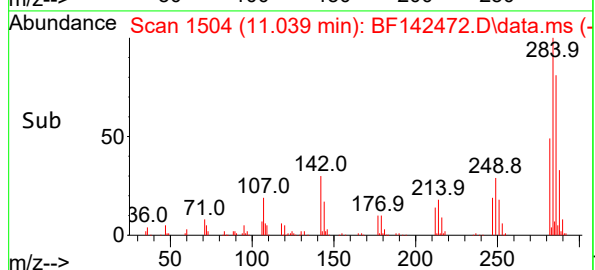
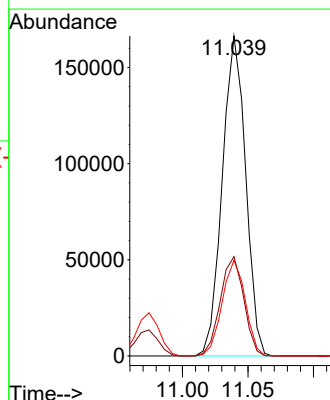
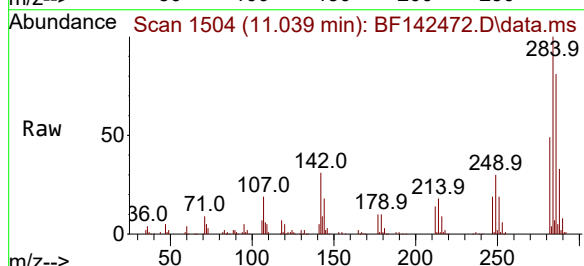
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

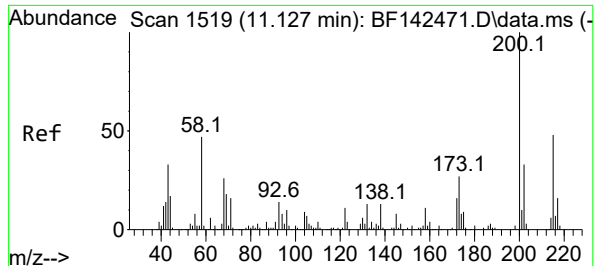
Tgt Ion:248 Resp: 185711
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 72.2 58.4 87.6



#68
Hexachlorobenzene
Concen: 52.151 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:284 Resp: 205759
Ion Ratio Lower Upper
284 100
142 31.1 24.8 37.2
249 29.9 23.6 35.4





#69

Atrazine

Concen: 53.966 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

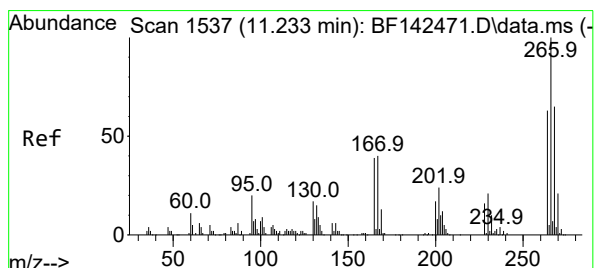
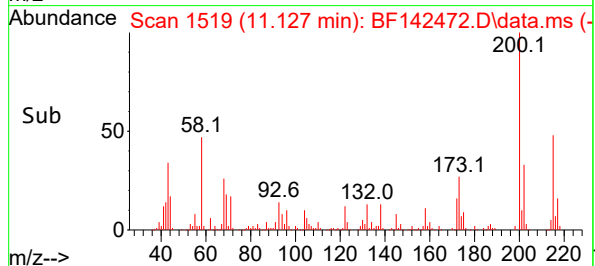
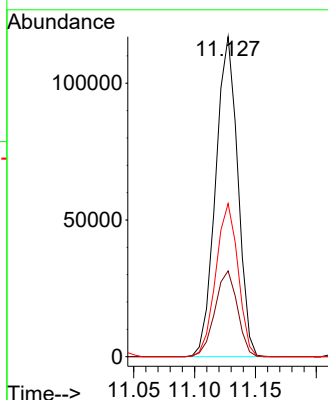
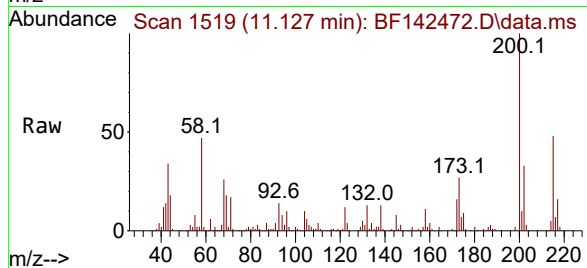
Tgt Ion:200 Resp: 147922

Ion Ratio Lower Upper

200 100

173 26.8 7.4 47.4

215 47.9 28.5 68.5



#70

Pentachlorophenol

Concen: 54.852 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

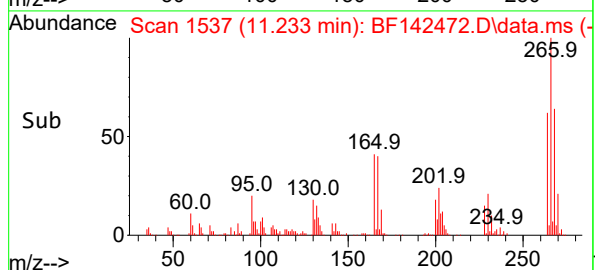
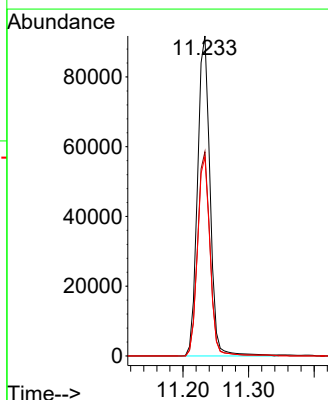
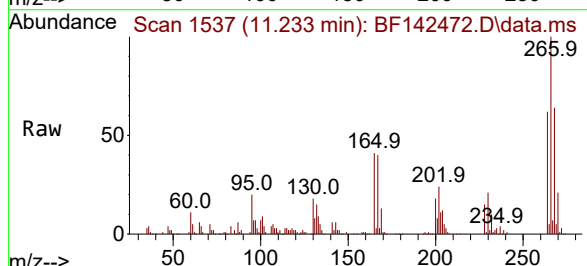
Tgt Ion:266 Resp: 122184

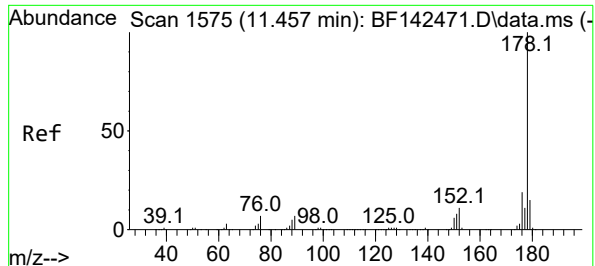
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

264 62.2 50.4 75.6

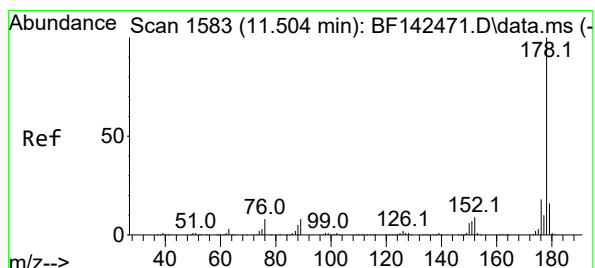
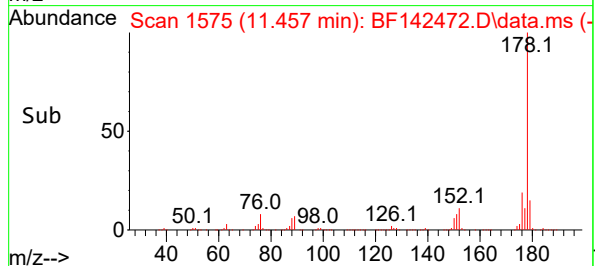
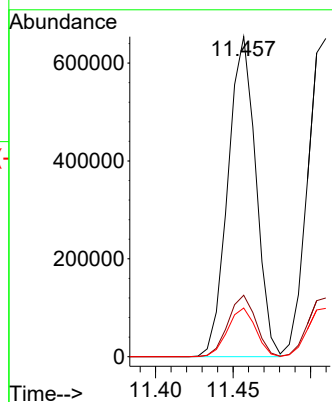
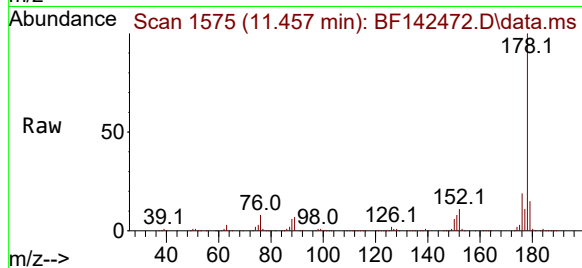




#71
Phenanthrene
Concen: 50.739 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

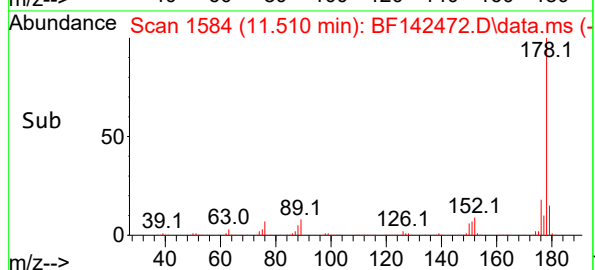
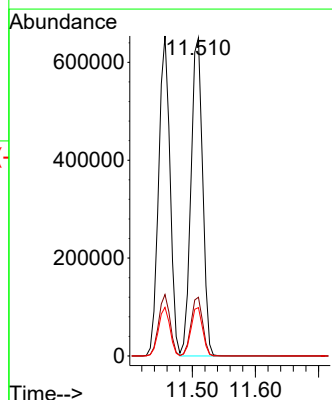
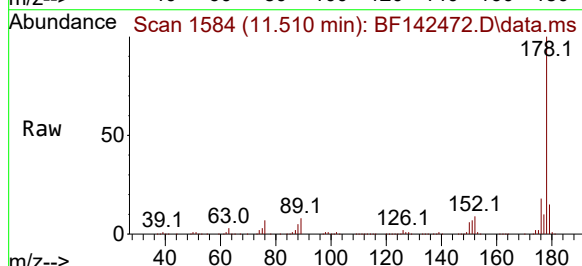
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

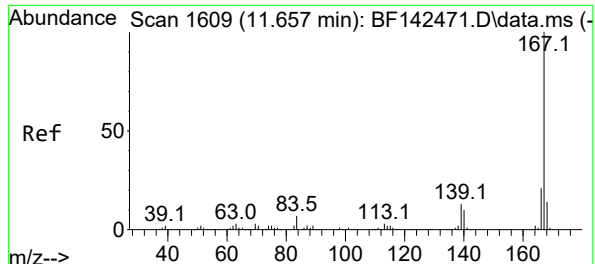
Tgt Ion:178 Resp: 818043
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.3 18.5



#72
Anthracene
Concen: 50.882 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

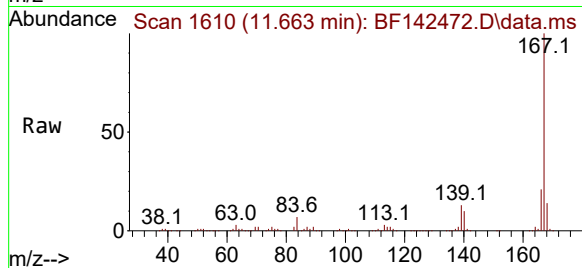
Tgt Ion:178 Resp: 837242
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.2 12.4 18.6



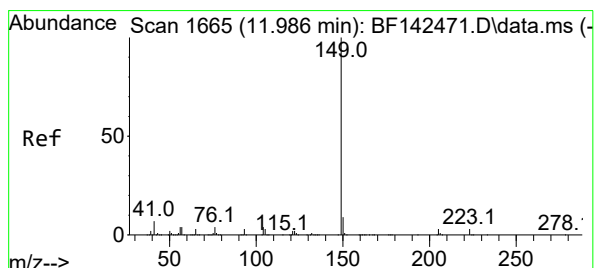
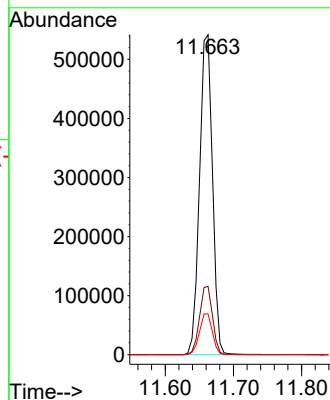
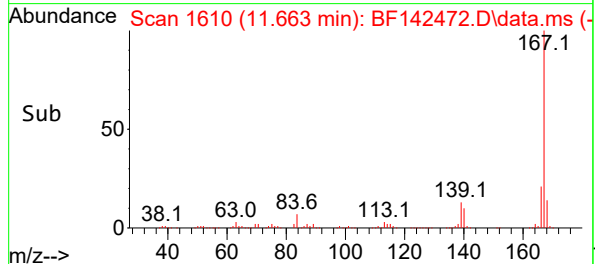


#73
Carbazole
Concen: 50.927 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

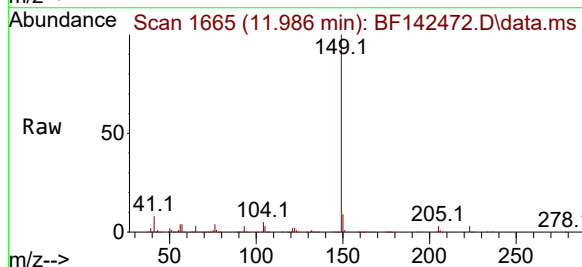
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



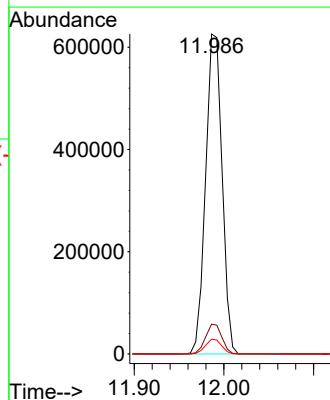
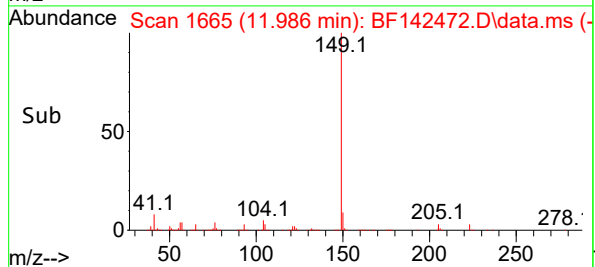
Tgt Ion:167 Resp: 716381
Ion Ratio Lower Upper
167 100
166 21.4 16.9 25.3
139 12.7 10.2 15.4

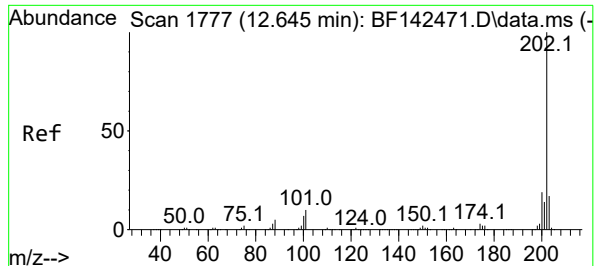


#74
Di-n-butylphthalate
Concen: 51.856 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34



Tgt Ion:149 Resp: 798451
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.6 3.6 5.4

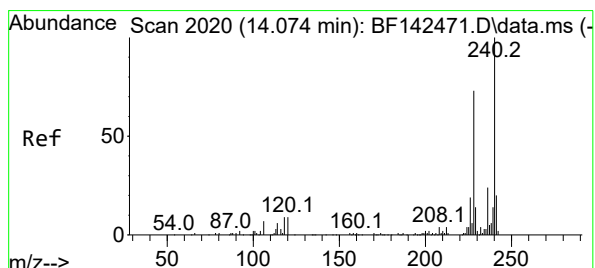
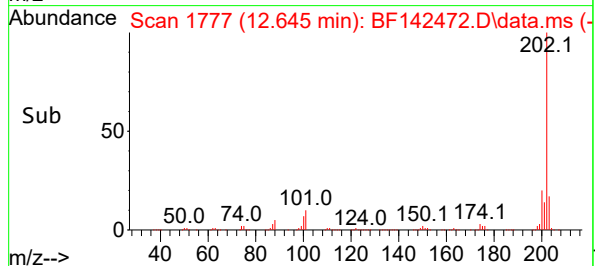
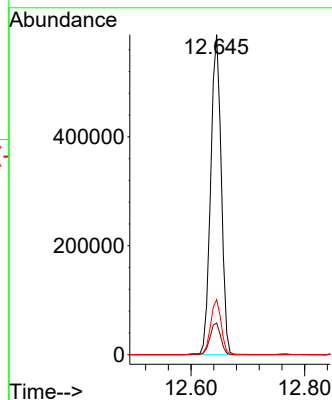
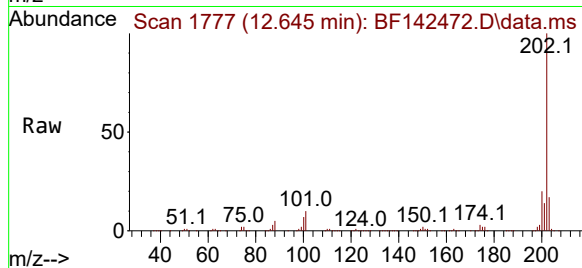




#75
Fluoranthene
Concen: 49.923 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

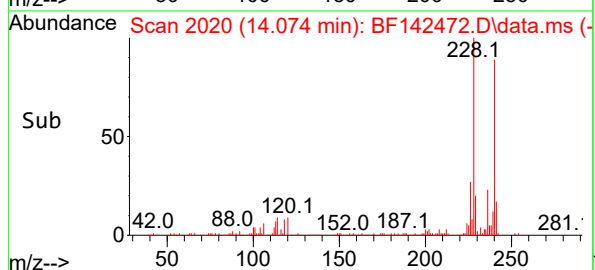
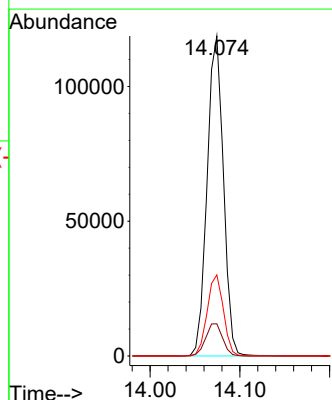
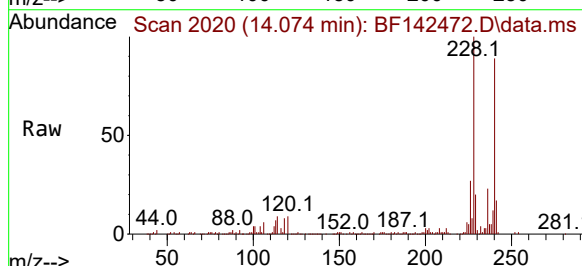
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

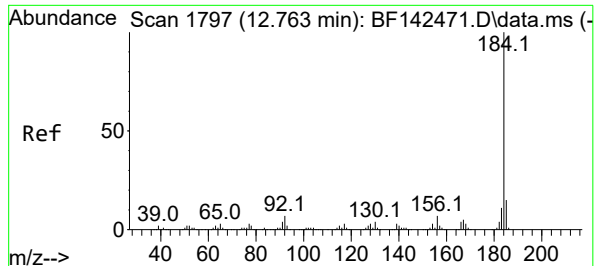
Tgt Ion:202 Resp: 752083
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.6
203 17.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:240 Resp: 149689
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 25.4 19.6 29.4





#77

Benzidine

Concen: 54.058 ng

RT: 12.763 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

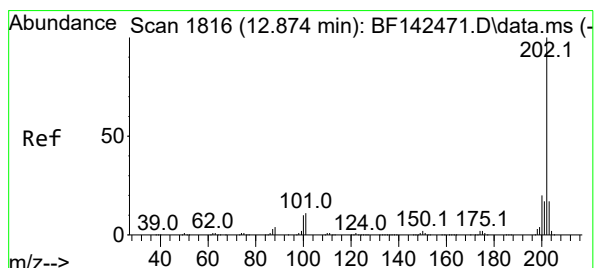
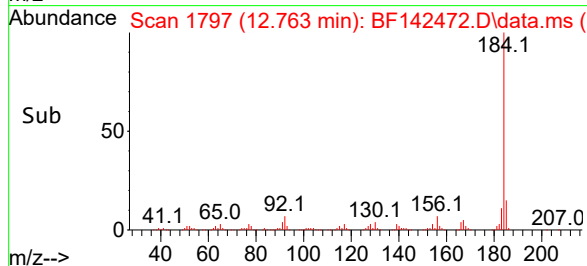
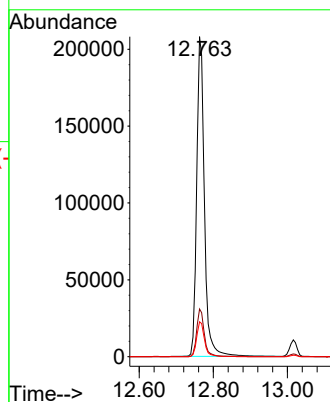
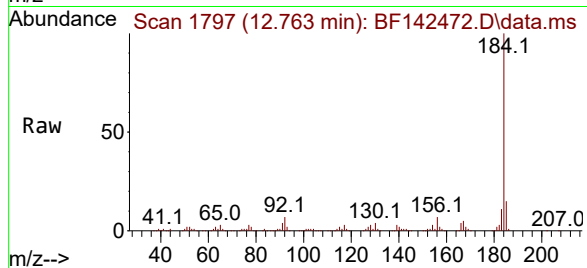
Tgt Ion:184 Resp: 301122

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.9 9.0 13.4



#78

Pyrene

Concen: 52.513 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

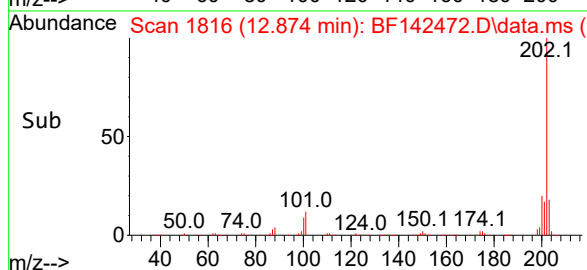
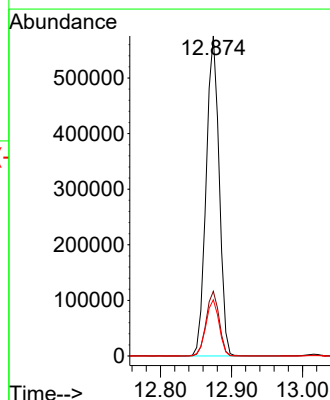
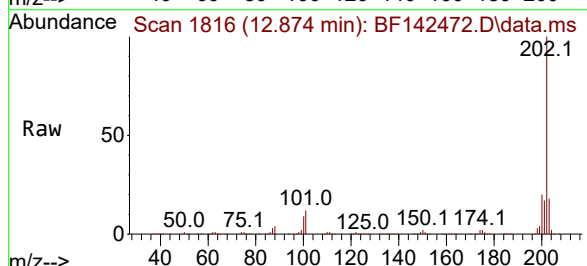
Tgt Ion:202 Resp: 733277

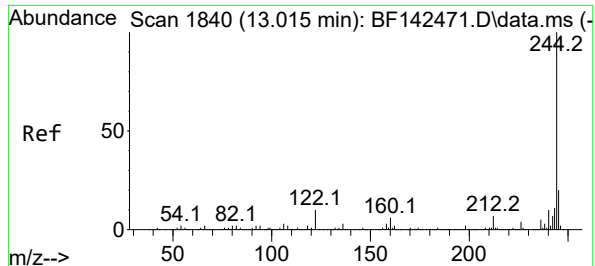
Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 101.951 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

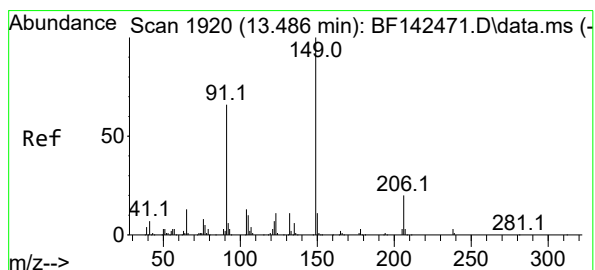
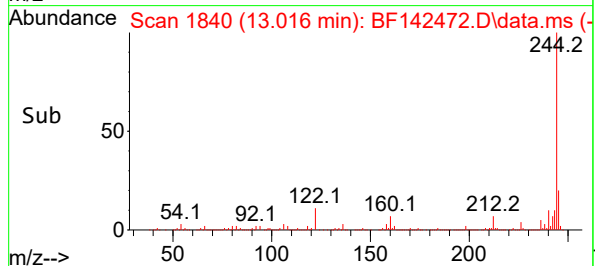
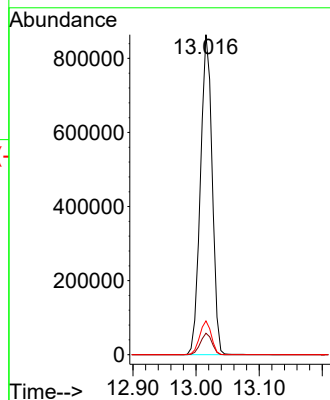
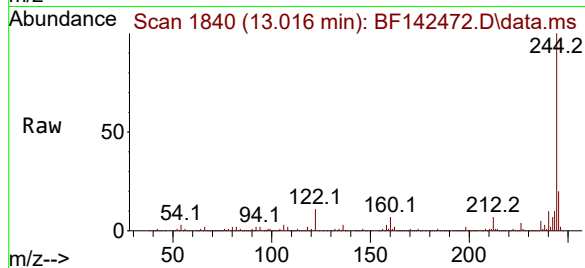
Tgt Ion:244 Resp: 1116751

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 55.767 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

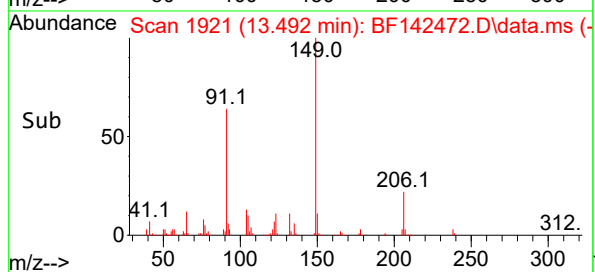
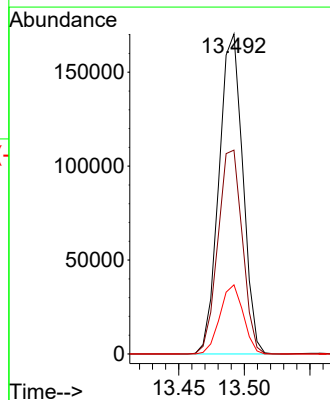
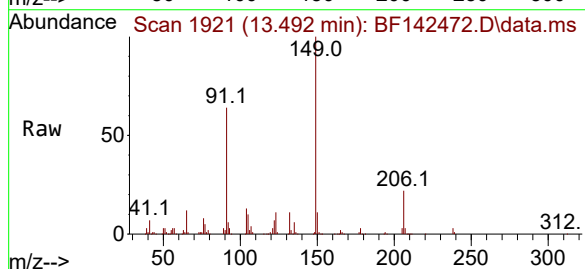
Tgt Ion:149 Resp: 215174

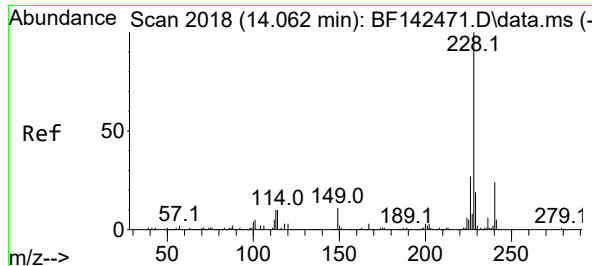
Ion Ratio Lower Upper

149 100

91 63.7 52.9 79.3

206 21.6 16.2 24.2

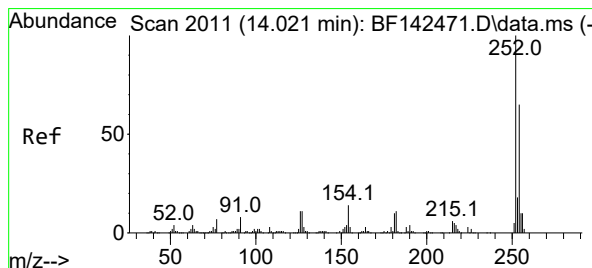
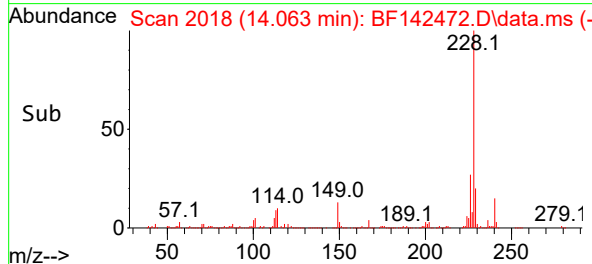
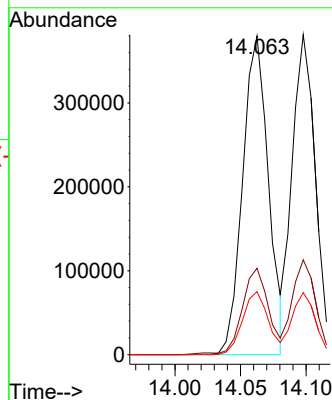
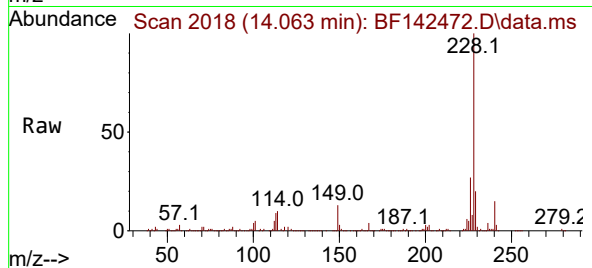




#81
Benzo(a)anthracene
Concen: 52.076 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

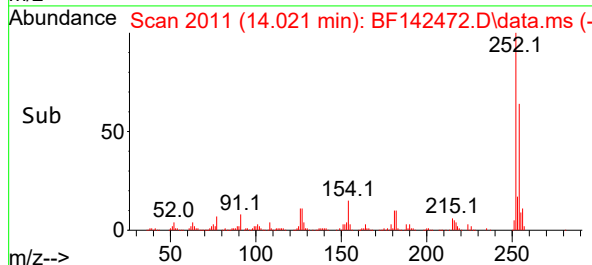
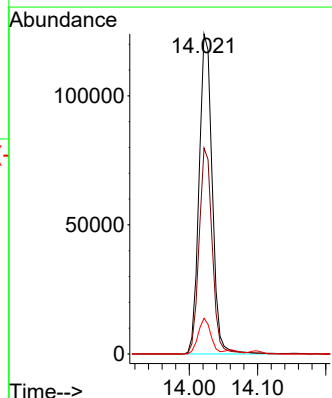
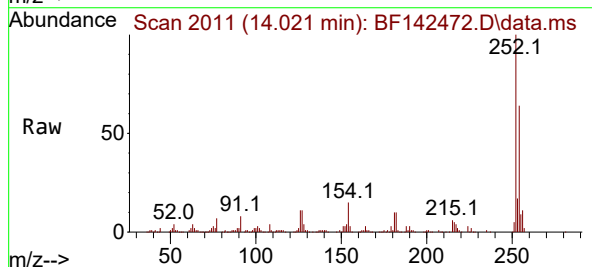
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

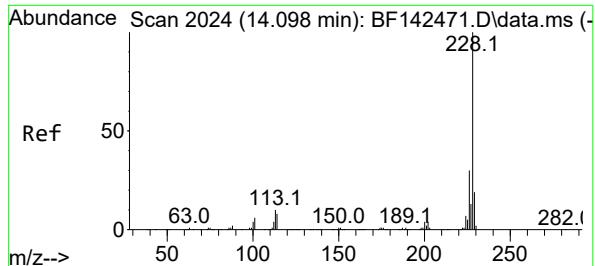
Tgt Ion:228 Resp: 520525
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 54.828 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:252 Resp: 166223
Ion Ratio Lower Upper
252 100
254 64.4 52.0 78.0
126 11.2 8.9 13.3





#83

Chrysene

Concen: 52.273 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

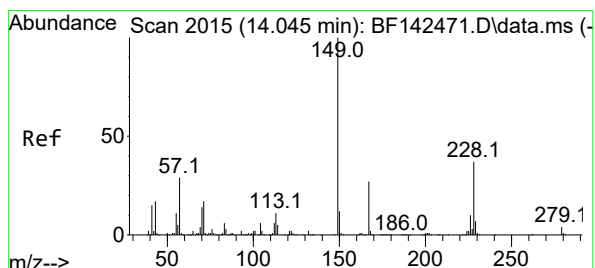
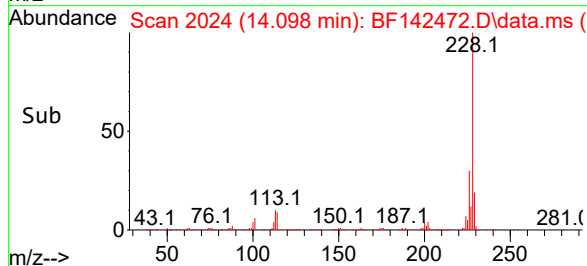
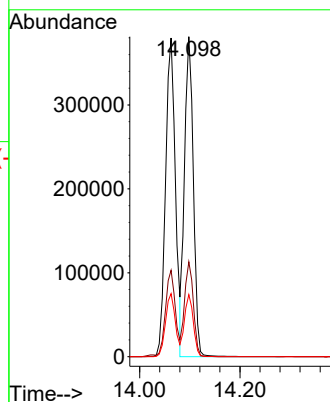
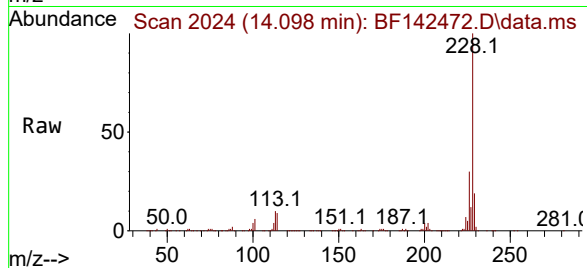
Tgt Ion:228 Resp: 469491

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.4 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.932 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

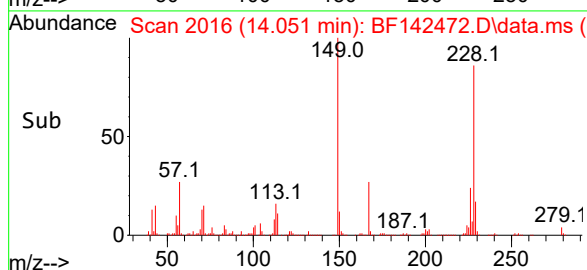
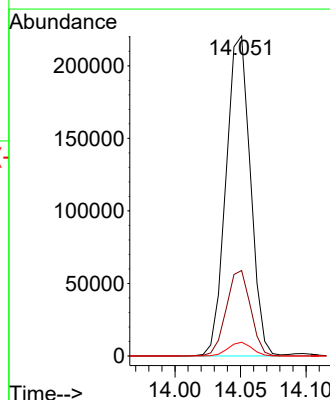
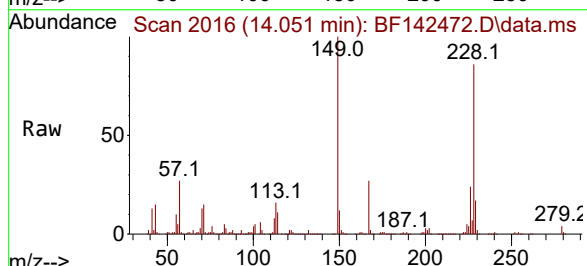
Tgt Ion:149 Resp: 286151

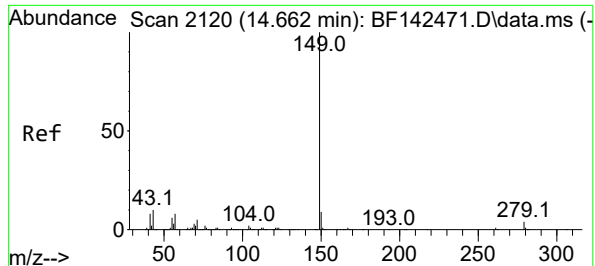
Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

279 4.3 3.2 4.8

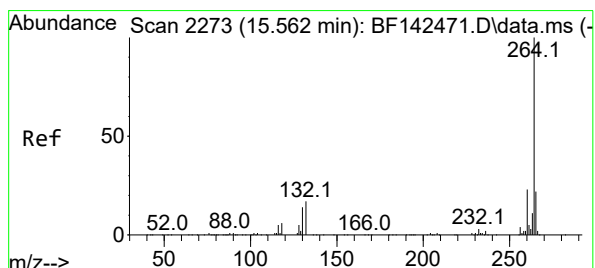
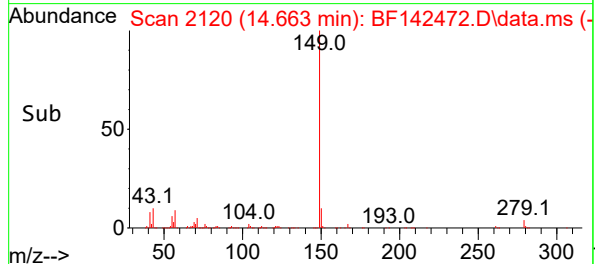
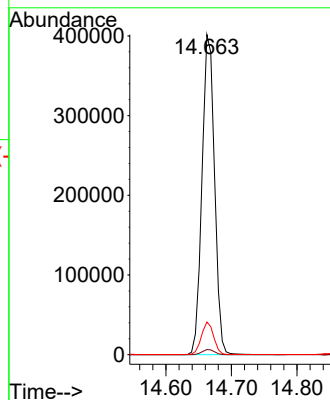
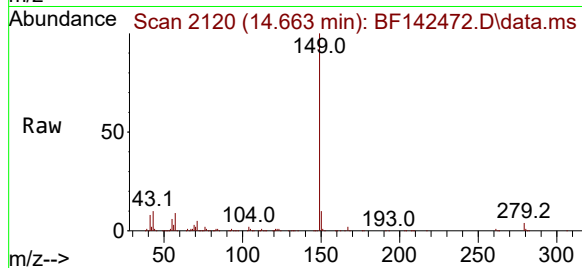




#85
Di-n-octyl phthalate
Concen: 55.482 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

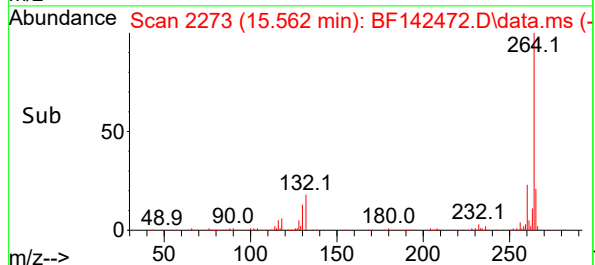
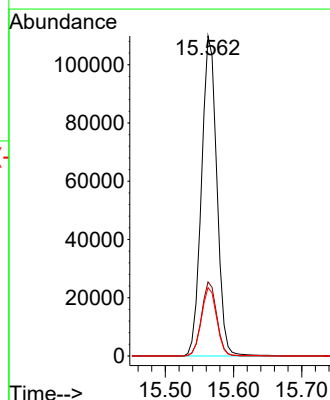
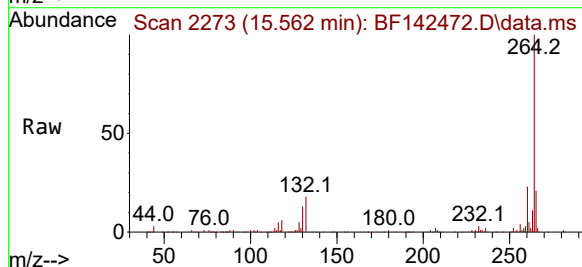
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

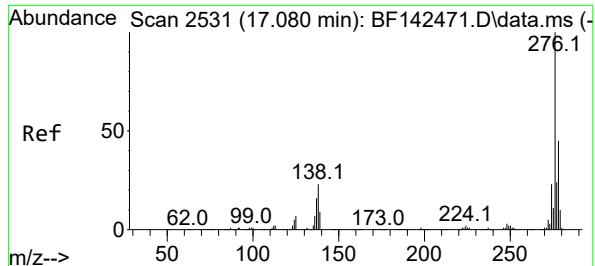
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.3	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.730 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

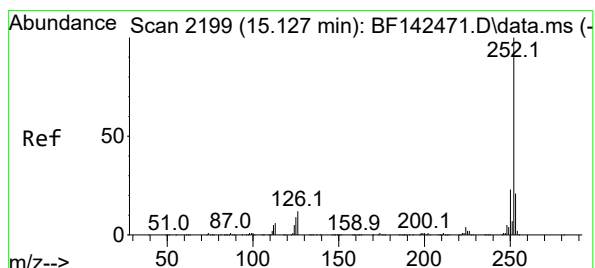
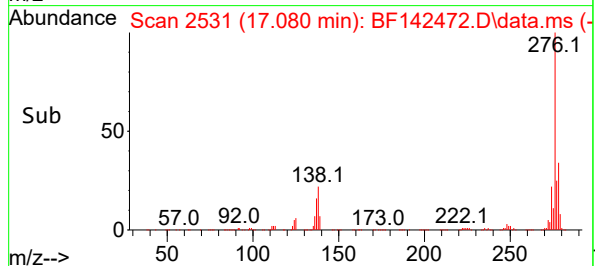
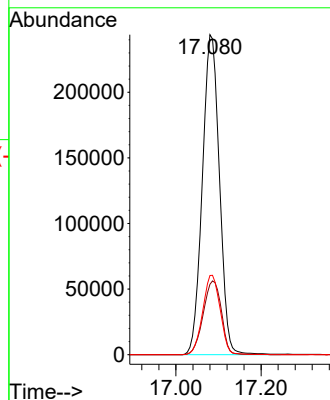
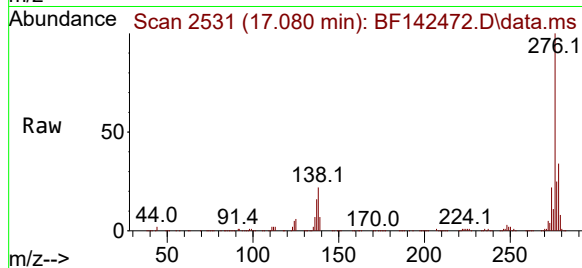
Tgt Ion:276 Resp: 679247

Ion Ratio Lower Upper

276 100

138 24.5 19.9 29.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.062 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

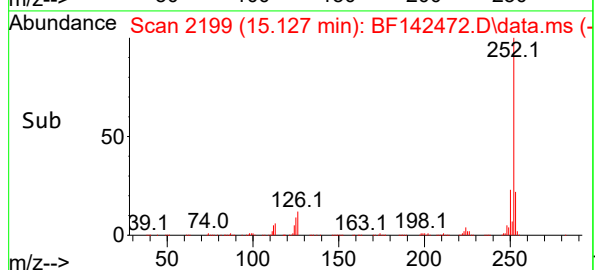
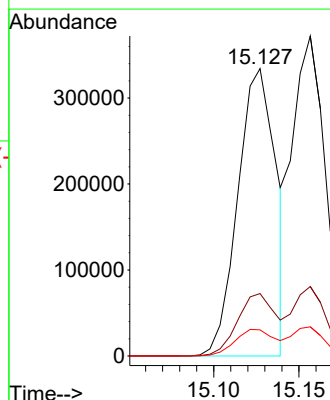
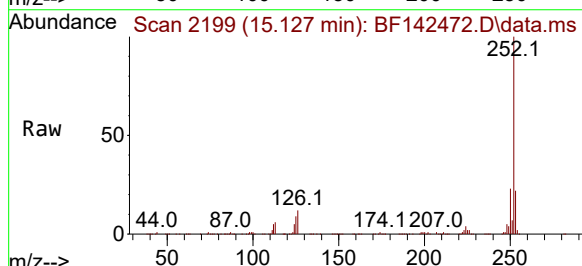
Tgt Ion:252 Resp: 518544

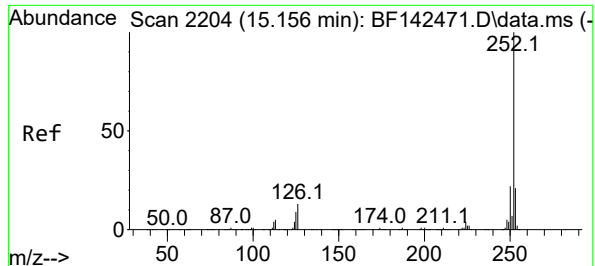
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.130 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

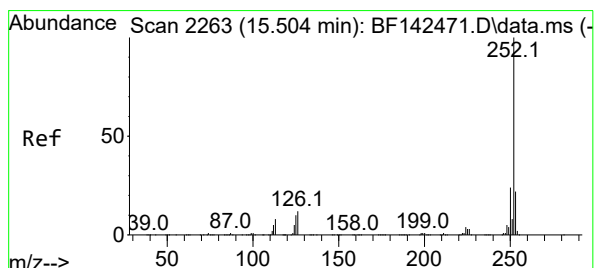
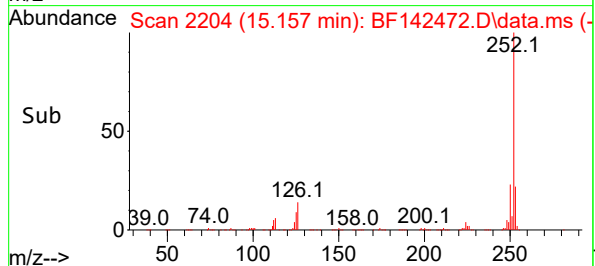
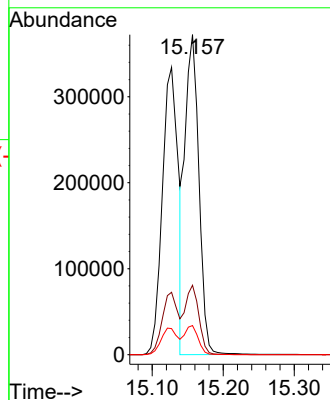
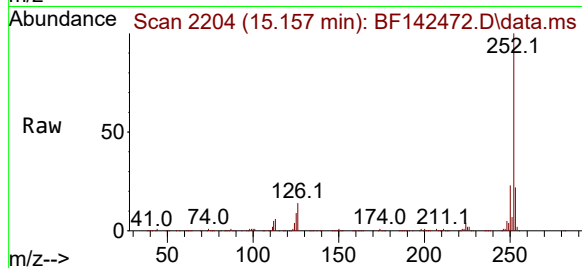
Tgt Ion:252 Resp: 505348

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 53.101 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

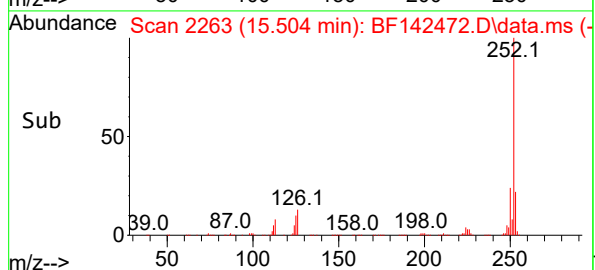
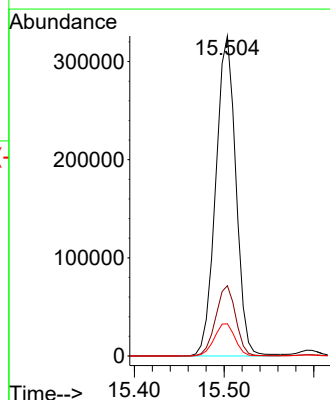
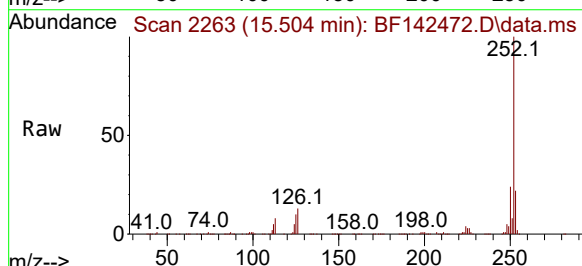
Tgt Ion:252 Resp: 508303

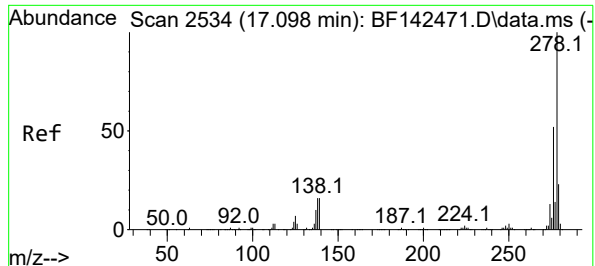
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.0 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 52.964 ng

RT: 17.104 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

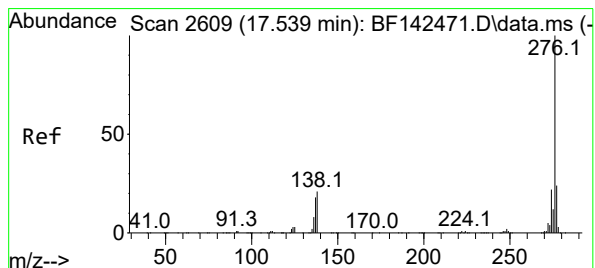
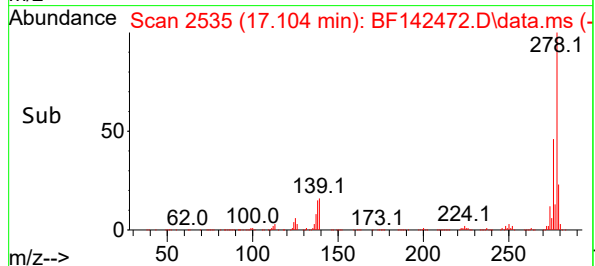
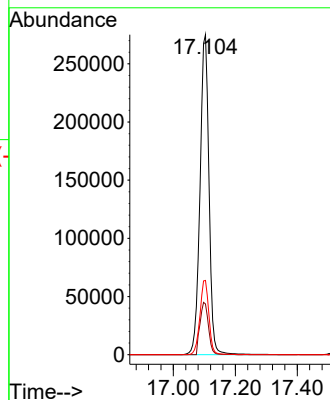
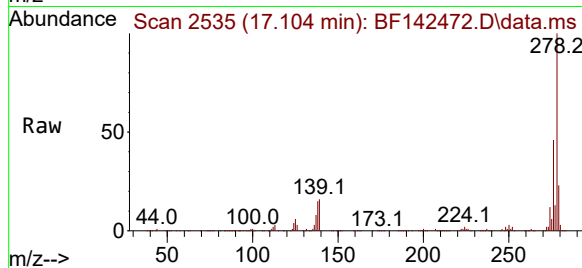
Tgt Ion:278 Resp: 553351

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

279 23.2 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 53.328 ng

RT: 17.545 min Scan# 2610

Delta R.T. -0.012 min

Lab File: BF142472.D

Acq: 20 May 2025 14:34

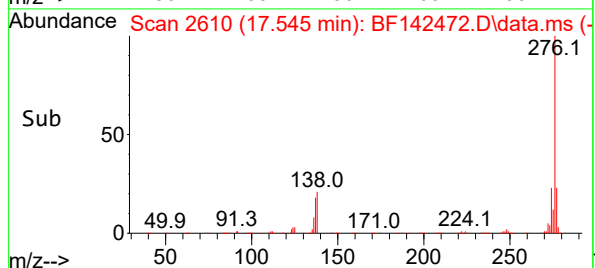
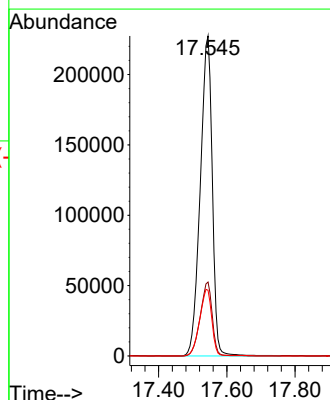
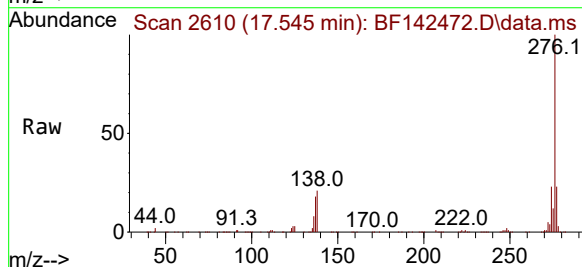
Tgt Ion:276 Resp: 557271

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 20.5 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142473.D
 Acq On : 20 May 2025 15:03
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: May 20 16:55:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	91151	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	354160	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	187285	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	292190	20.000	ng	0.00
76) Chrysene-d12	14.074	240	143579	20.000	ng	0.00
86) Perylene-d12	15.563	264	183052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	636815	117.703	ng	0.00
7) Phenol-d6	6.528	99	767355	117.823	ng	0.00
23) Nitrobenzene-d5	7.469	82	771758	118.825	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	244491	117.621	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1569136	112.426	ng	0.00
79) Terphenyl-d14	13.016	244	1151893	109.634	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	132790	61.335	ng	98
3) Pyridine	3.440	79	337570	61.229	ng	99
4) n-Nitrosodimethylamine	3.393	42	178276	62.278	ng	100
6) Aniline	6.563	93	522409	59.656	ng	99
8) 2-Chlorophenol	6.687	128	351459	59.640	ng	99
9) Benzaldehyde	6.451	77	207213	52.898	ng	99
10) Phenol	6.545	94	436789	59.604	ng	95
11) bis(2-Chloroethyl)ether	6.640	93	316232	59.948	ng	100
12) 1,3-Dichlorobenzene	6.845	146	384777	58.514	ng	99
13) 1,4-Dichlorobenzene	6.922	146	390981	59.027	ng	99
14) 1,2-Dichlorobenzene	7.075	146	370996	58.534	ng	99
15) Benzyl Alcohol	7.040	79	293457	60.973	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	519064	58.593	ng	99
17) 2-Methylphenol	7.151	107	277466	60.306	ng	99
18) Hexachloroethane	7.416	117	135953	58.780	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	236814	58.671	ng	98
20) 3+4-Methylphenols	7.304	107	341788	58.010	ng	# 87
22) Acetophenone	7.316	105	454226	57.937	ng	99
24) Nitrobenzene	7.487	77	351378	59.984	ng	98
25) Isophorone	7.728	82	644818	59.381	ng	99
26) 2-Nitrophenol	7.798	139	193662	61.872	ng	98
27) 2,4-Dimethylphenol	7.834	122	331159	59.994	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	398177	58.699	ng	99
29) 2,4-Dichlorophenol	8.045	162	300754	59.913	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	318487	58.460	ng	99
31) Naphthalene	8.210	128	1012926	58.085	ng	99
32) Benzoic acid	7.957	122	221962	66.059	ng	99
33) 4-Chloroaniline	8.257	127	421281	59.619	ng	99
34) Hexachlorobutadiene	8.328	225	203527	59.831	ng	99
35) Caprolactam	8.634	113	82688	58.650	ng	100
36) 4-Chloro-3-methylphenol	8.734	107	305341	59.352	ng	99
37) 2-Methylnaphthalene	8.898	142	635148	57.893	ng	100
38) 1-Methylnaphthalene	8.998	142	649652	57.247	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	321732	59.844	ng	99
41) Hexachlorocyclopentadiene	9.051	237	238708	65.820	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	217868	60.098	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142473.D
 Acq On : 20 May 2025 15:03
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

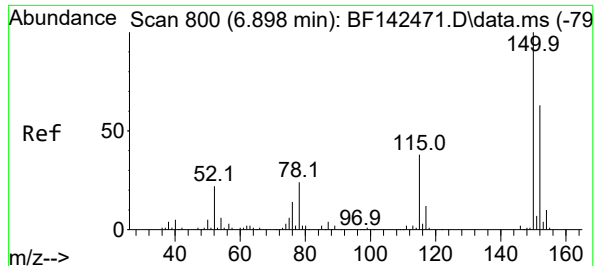
Quant Time: May 20 16:55:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	229079	59.916	ng	99
46) 1,1'-Biphenyl	9.363	154	846783	58.279	ng	99
47) 2-Chloronaphthalene	9.392	162	630647	58.746	ng	99
48) 2-Nitroaniline	9.481	65	186466	60.093	ng	98
49) Acenaphthylene	9.804	152	1058826	58.411	ng	100
50) Dimethylphthalate	9.669	163	705857	57.119	ng	100
51) 2,6-Dinitrotoluene	9.728	165	157884	59.195	ng	99
52) Acenaphthene	9.981	154	643773	58.160	ng	99
53) 3-Nitroaniline	9.898	138	171137	58.746	ng	99
54) 2,4-Dinitrophenol	9.998	184	89741	65.126	ng	88
55) Dibenzofuran	10.151	168	918703	57.677	ng	100
56) 4-Nitrophenol	10.045	139	128501	59.782	ng	96
57) 2,4-Dinitrotoluene	10.128	165	209035	60.012	ng	100
58) Fluorene	10.492	166	695462	56.516	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	187067	58.609	ng	98
60) Diethylphthalate	10.363	149	684259	56.695	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	343838	56.880	ng	98
62) 4-Nitroaniline	10.510	138	148755	56.302	ng	99
63) Azobenzene	10.645	77	631137	58.221	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	109172	66.950	ng	98
66) n-Nitrosodiphenylamine	10.604	169	608394	60.861	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	212638	61.546	ng	99
68) Hexachlorobenzene	11.039	284	229917	60.168	ng	98
69) Atrazine	11.128	200	158234	59.604	ng	100
70) Pentachlorophenol	11.233	266	137347	63.663	ng	99
71) Phenanthrene	11.457	178	905073	57.961	ng	100
72) Anthracene	11.510	178	918369	57.627	ng	99
73) Carbazole	11.663	167	769151	56.455	ng	100
74) Di-n-butylphthalate	11.986	149	853524	57.234	ng	100
75) Fluoranthene	12.645	202	789533	54.112	ng	99
77) Benzidine	12.763	184	300547	56.251	ng	100
78) Pyrene	12.874	202	763672	57.017	ng	100
80) Butylbenzylphthalate	13.492	149	236758	63.972	ng	97
81) Benzo(a)anthracene	14.063	228	571607	59.620	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	190415	65.480	ng	100
83) Chrysene	14.098	228	526831	61.153	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	334950	70.698	ng	98
85) Di-n-octyl phthalate	14.663	149	664220	71.701	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	848752	61.761	ng	100
88) Benzo(b)fluoranthene	15.127	252	616210	56.878	ng	99
89) Benzo(k)fluoranthene	15.157	252	619660	61.068	ng	98
90) Benzo(a)pyrene	15.504	252	622347	60.943	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	683473	61.321	ng	99
92) Benzo(g,h,i)perylene	17.545	276	683528	61.313	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

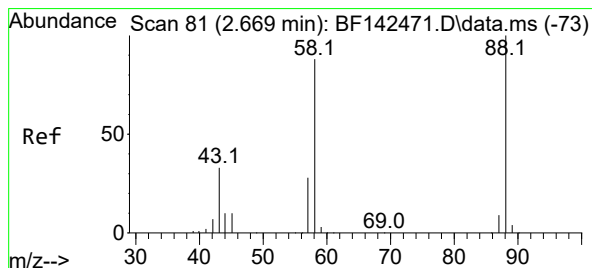
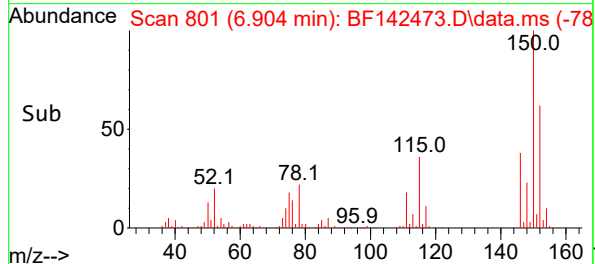
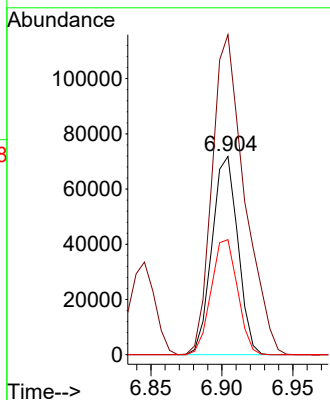
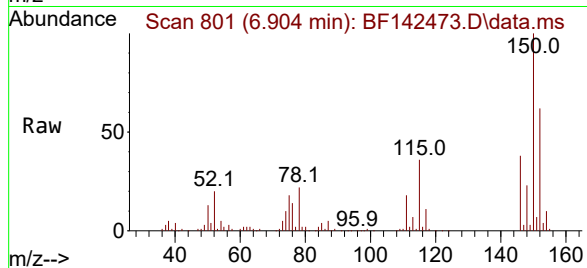
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

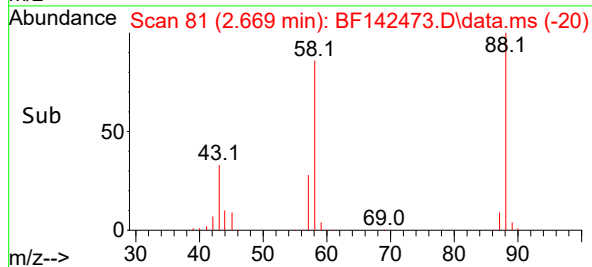
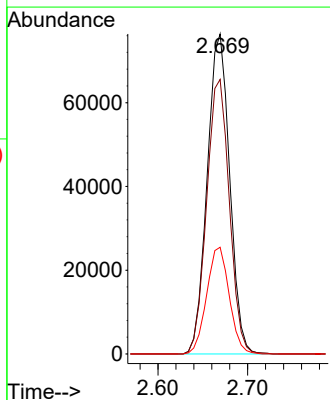
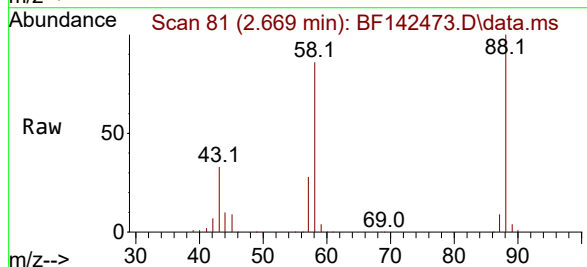
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

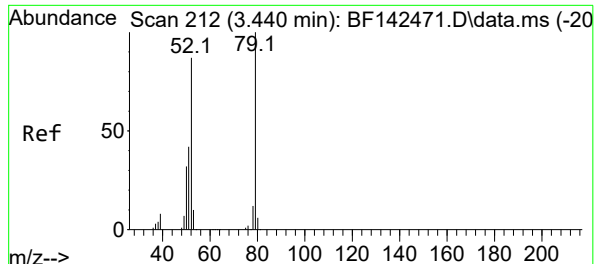
Tgt Ion:152 Resp: 91151
Ion Ratio Lower Upper
152 100
150 161.4 128.2 192.4
115 58.0 48.3 72.5



#2
1,4-Dioxane
Concen: 61.335 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 88 Resp: 132790
Ion Ratio Lower Upper
88 100
58 86.7 70.8 106.2
43 33.5 26.6 40.0





#3

Pyridine

Concen: 61.229 ng

RT: 3.440 min Scan# 212

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

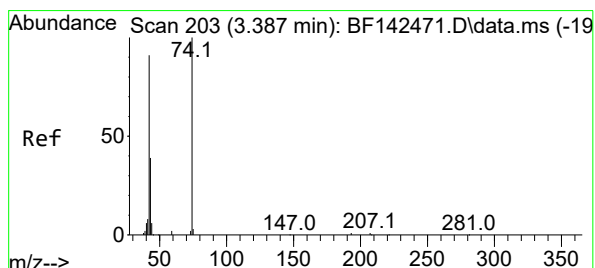
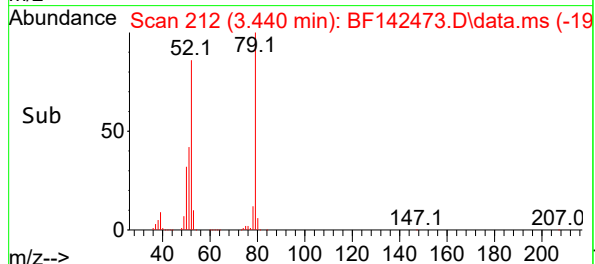
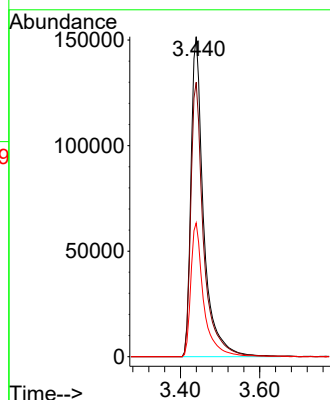
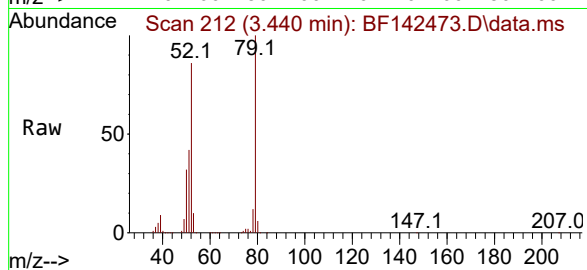
Tgt Ion: 79 Resp: 337570

Ion Ratio Lower Upper

79 100

52 85.7 69.2 103.8

51 41.8 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 62.278 ng

RT: 3.393 min Scan# 204

Delta R.T. -0.012 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

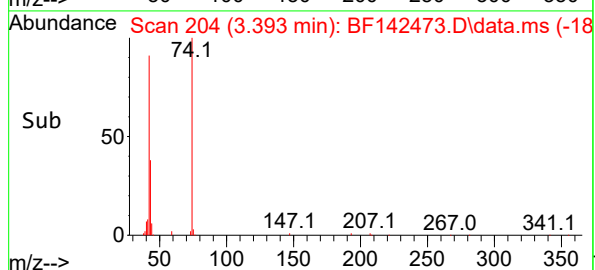
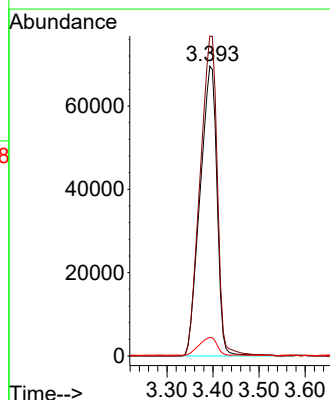
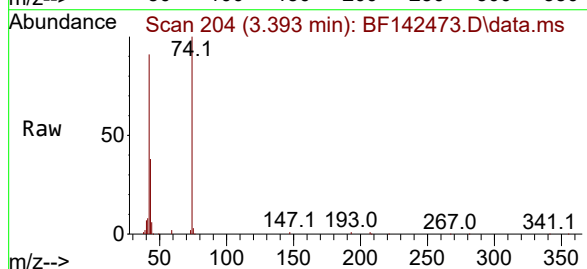
Tgt Ion: 42 Resp: 178276

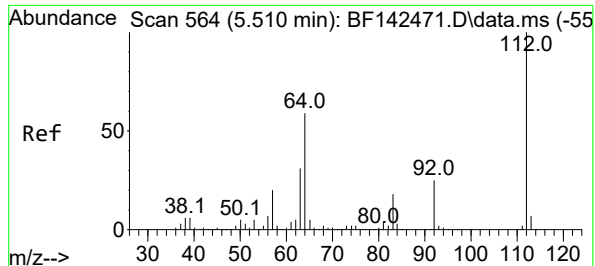
Ion Ratio Lower Upper

42 100

74 110.4 88.2 132.4

44 6.4 5.4 8.2

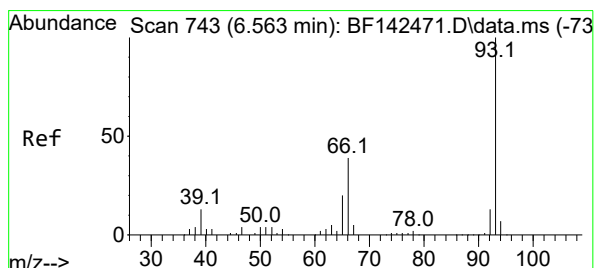
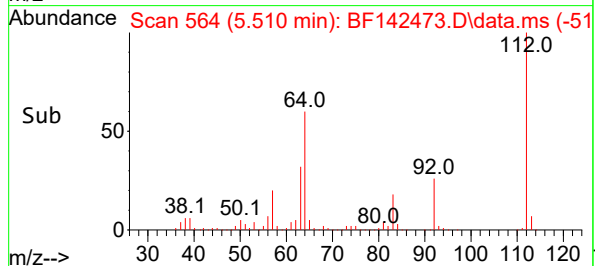
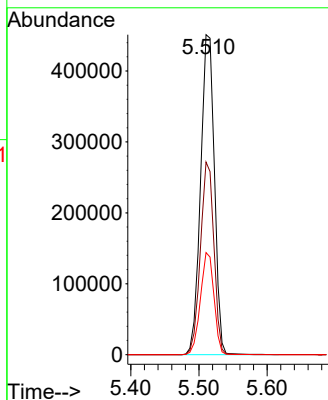
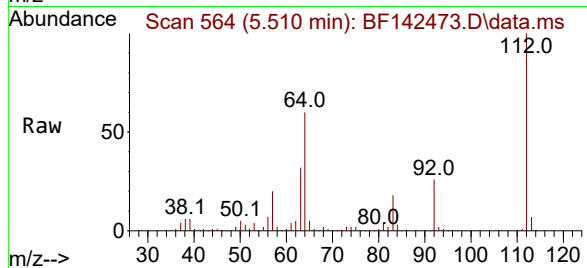




#5
2-Fluorophenol
Concen: 117.703 ng
RT: 5.510 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

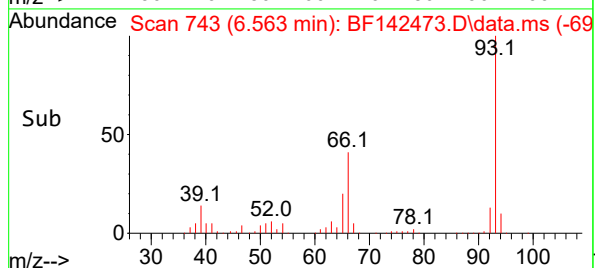
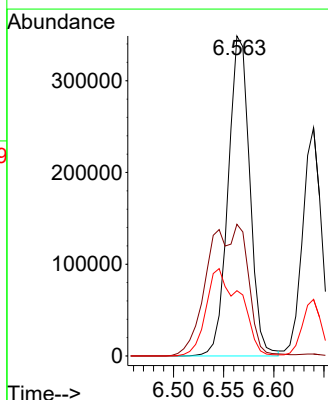
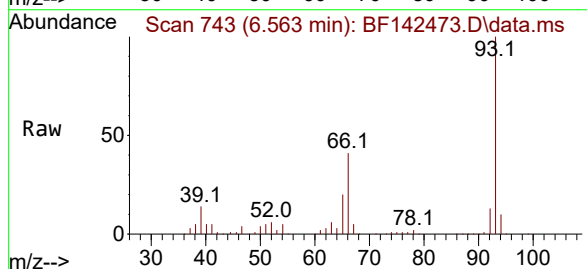
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

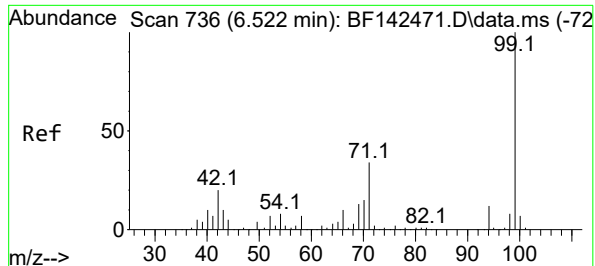
Tgt Ion:112 Resp: 636815
Ion Ratio Lower Upper
112 100
64 60.2 47.5 71.3
63 31.9 24.9 37.3



#6
Aniline
Concen: 59.656 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 93 Resp: 522409
Ion Ratio Lower Upper
93 100
66 41.2 32.0 48.0
65 20.4 16.1 24.1





#7

Phenol-d6

Concen: 117.823 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

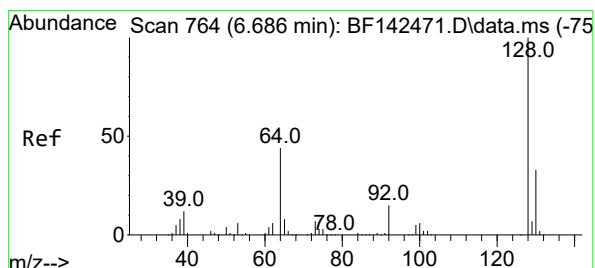
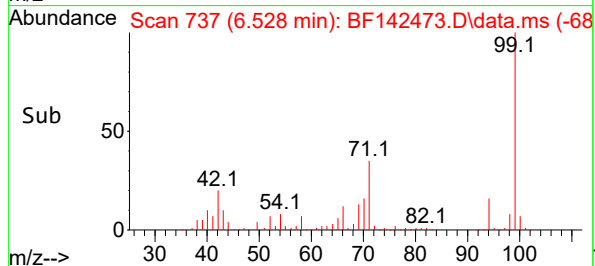
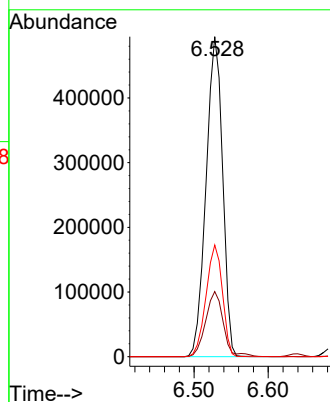
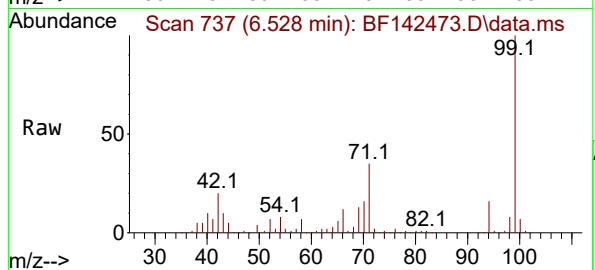
Tgt Ion: 99 Resp: 767355

Ion Ratio Lower Upper

99 100

42 20.4 16.2 24.2

71 34.9 27.3 40.9



#8

2-Chlorophenol

Concen: 59.640 ng

RT: 6.687 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

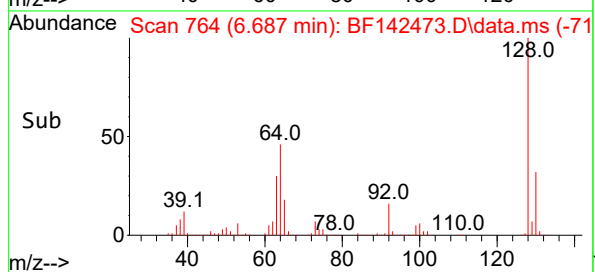
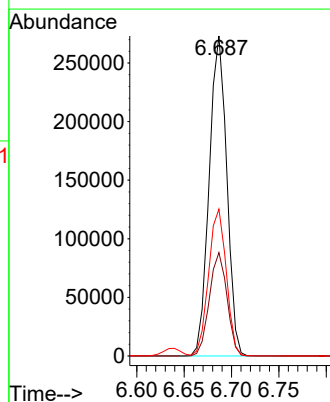
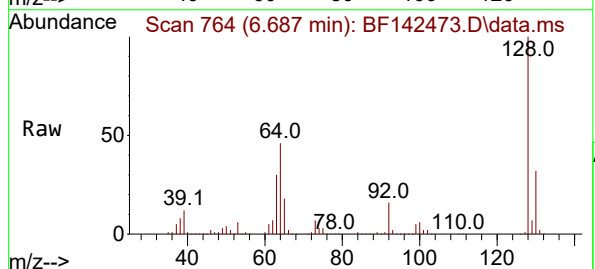
Tgt Ion:128 Resp: 351459

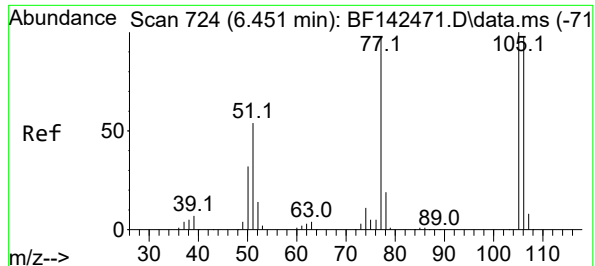
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 45.9 25.1 65.1





#9

Benzaldehyde

Concen: 52.898 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

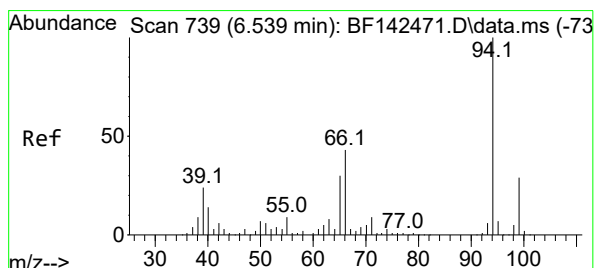
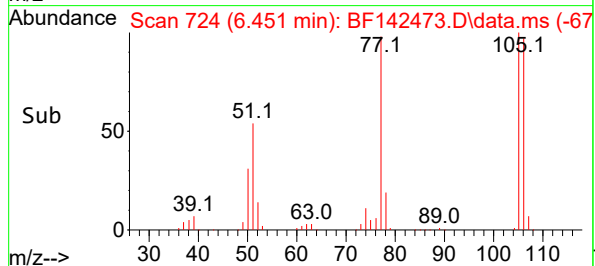
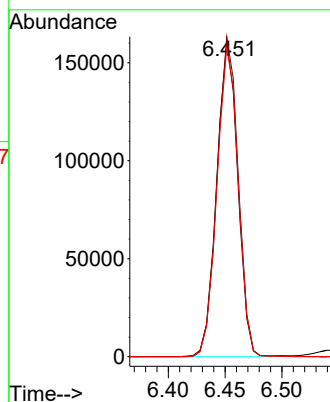
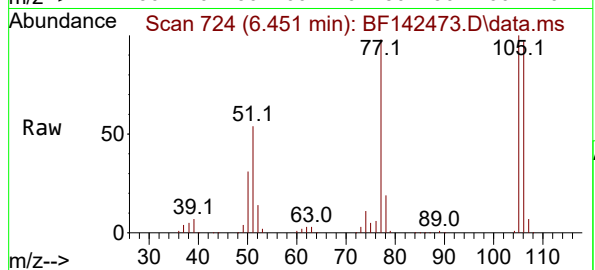
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 207213

Ion	Ratio	Lower	Upper
77	100		
105	101.7	82.5	122.5
106	98.3	80.0	120.0



#10

Phenol

Concen: 59.604 ng

RT: 6.545 min Scan# 740

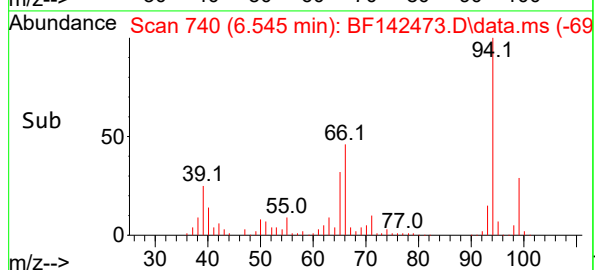
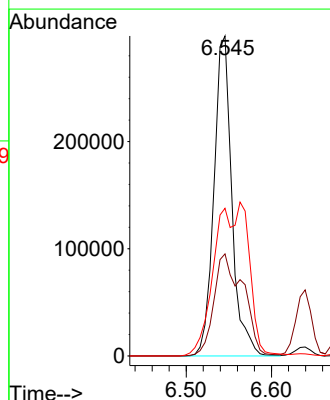
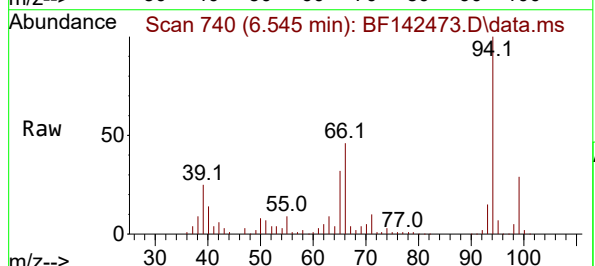
Delta R.T. -0.006 min

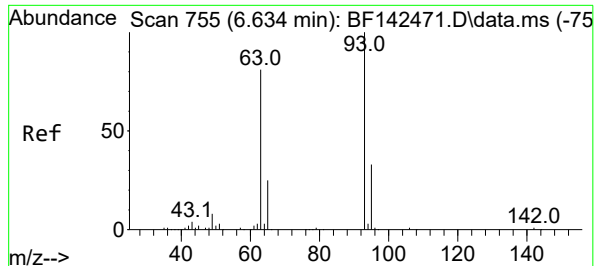
Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion: 94 Resp: 436789

Ion	Ratio	Lower	Upper
94	100		
65	31.9	10.3	50.3
66	46.2	22.6	62.6





#11

bis(2-Chloroethyl)ether

Concen: 59.948 ng

RT: 6.640 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

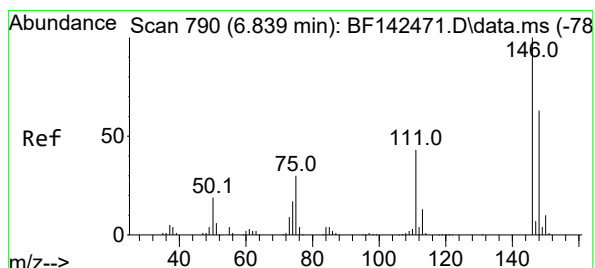
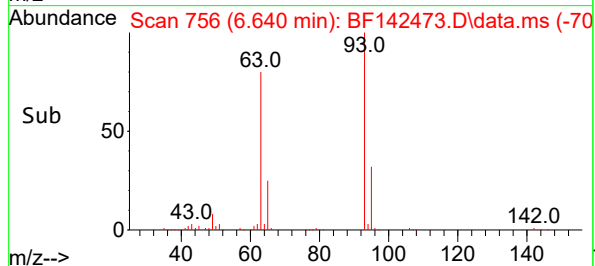
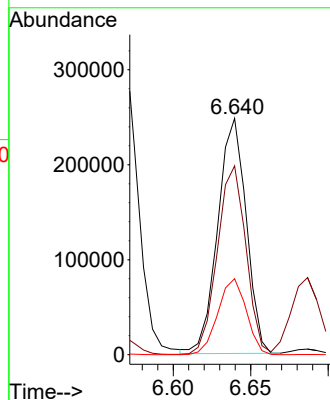
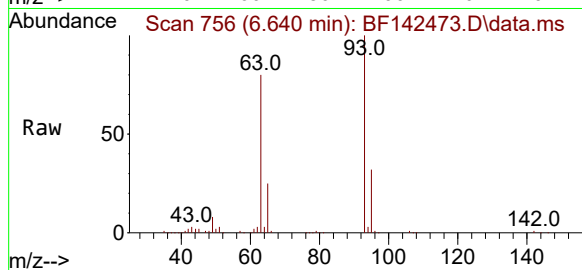
Tgt Ion: 93 Resp: 316232

Ion Ratio Lower Upper

93 100

63 79.9 60.2 100.2

95 32.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 58.514 ng

RT: 6.845 min Scan# 791

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

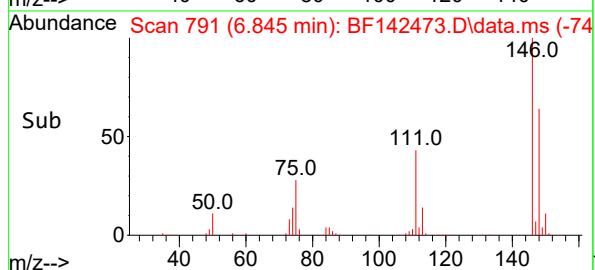
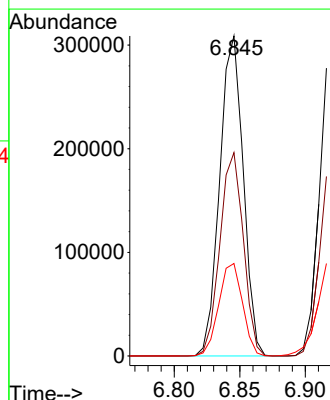
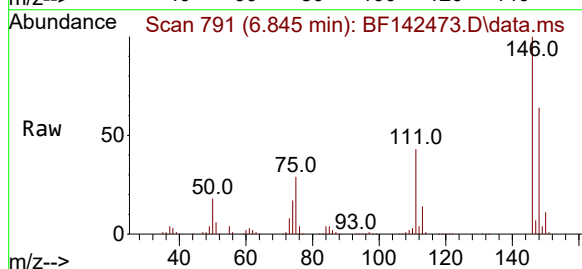
Tgt Ion:146 Resp: 384777

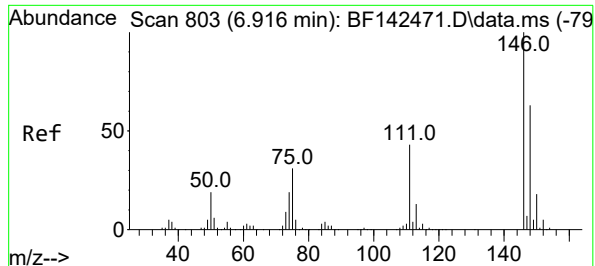
Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

75 28.9 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 59.027 ng

RT: 6.922 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

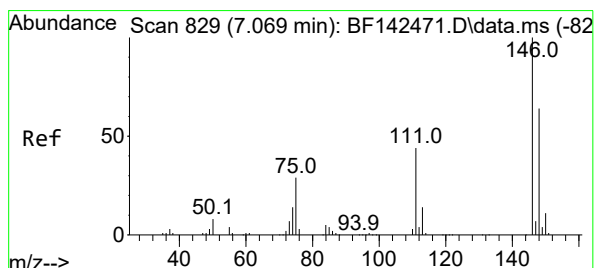
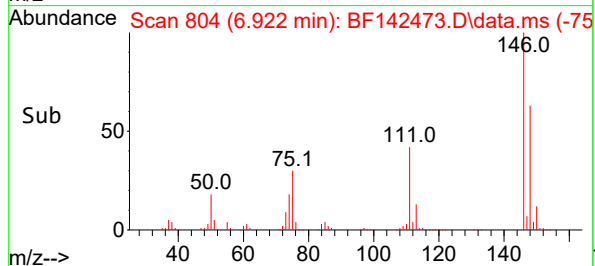
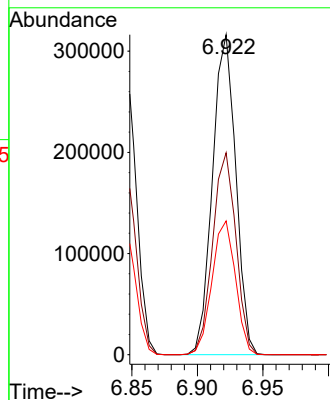
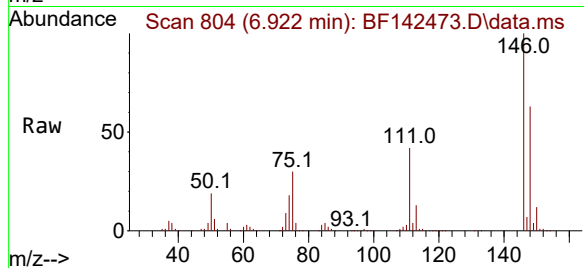
Tgt Ion:146 Resp: 390981

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

111 41.8 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 58.534 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

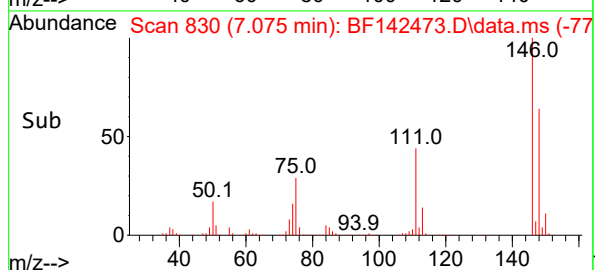
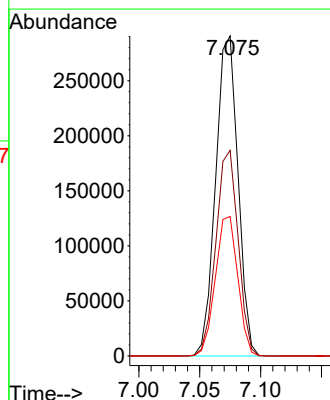
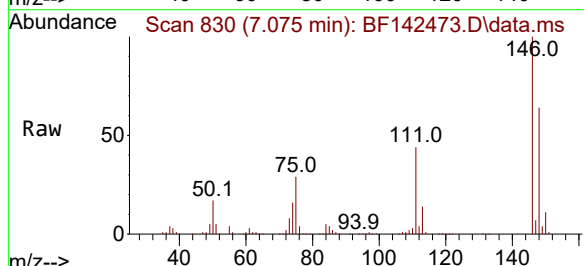
Tgt Ion:146 Resp: 370996

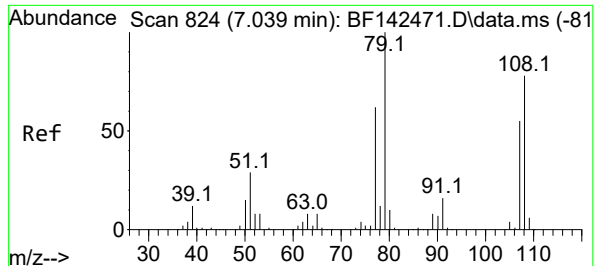
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 43.6 35.0 52.6





#15

Benzyl Alcohol

Concen: 60.973 ng

RT: 7.040 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

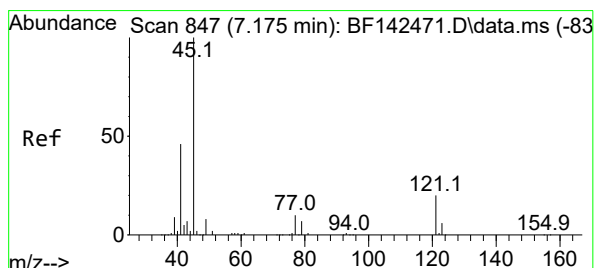
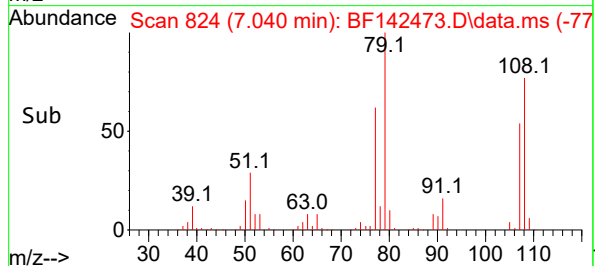
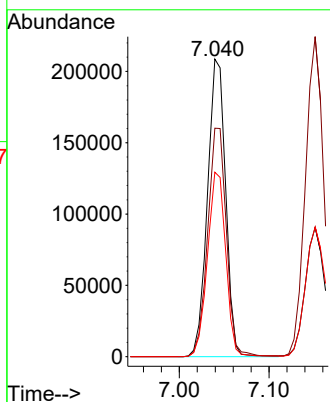
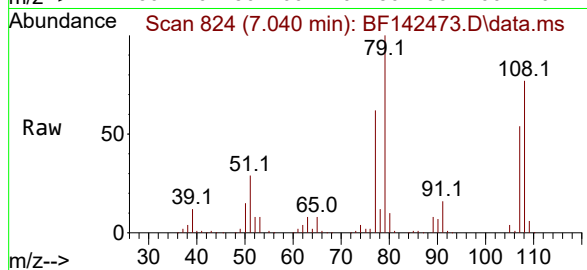
Tgt Ion: 79 Resp: 293457

Ion Ratio Lower Upper

79 100

108 76.8 62.1 93.1

77 62.0 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.593 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

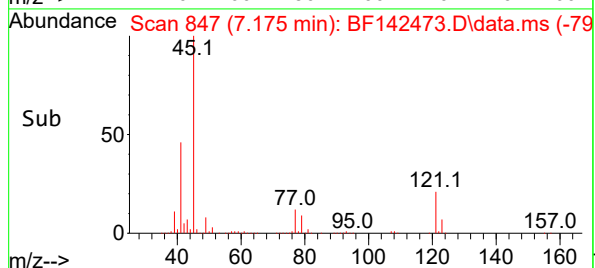
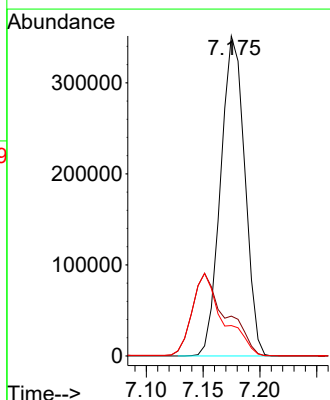
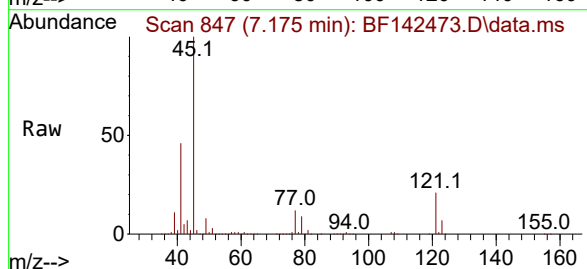
Tgt Ion: 45 Resp: 519064

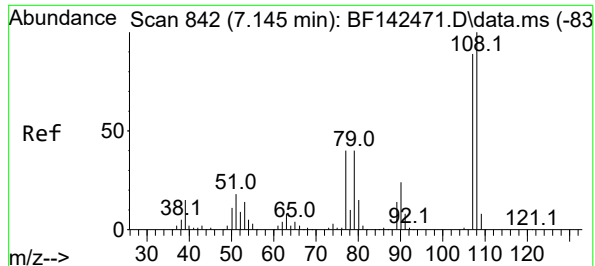
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.0

79 9.5 0.0 29.2

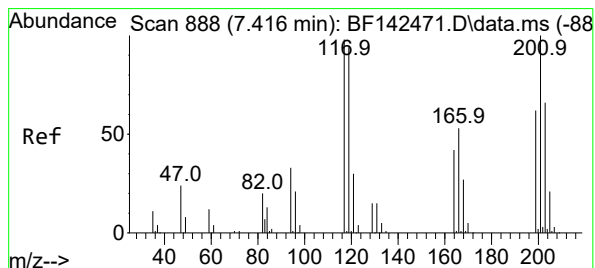
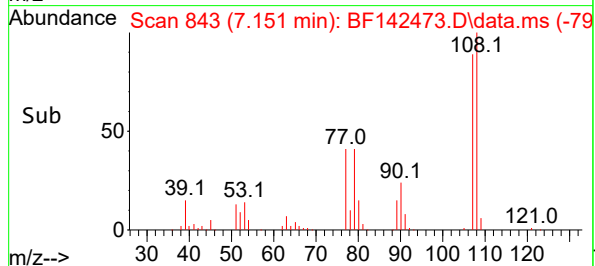
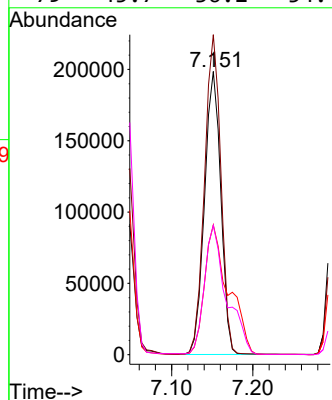
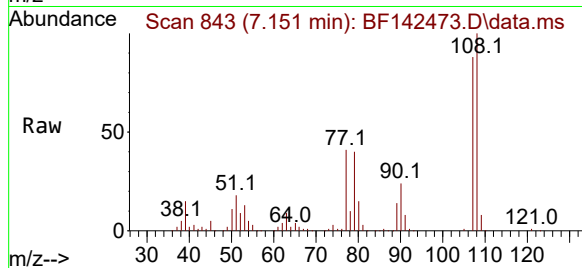




#17
2-Methylphenol
Concen: 60.306 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

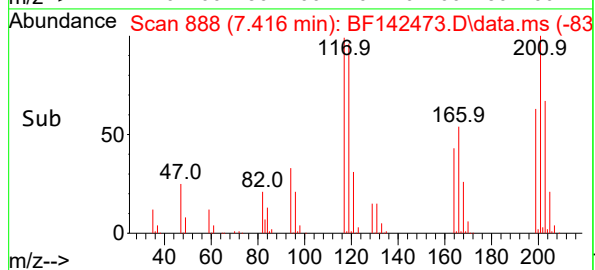
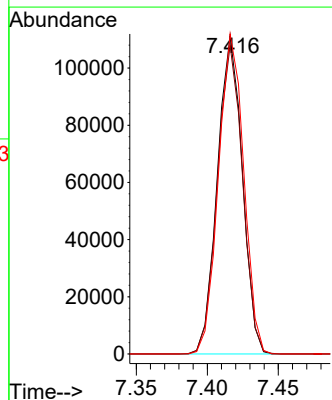
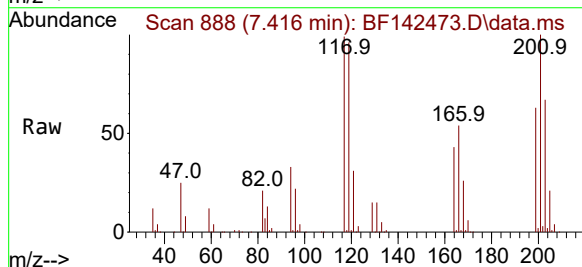
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

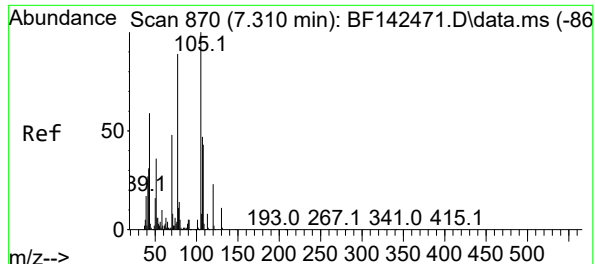
Tgt Ion:107 Resp: 277466
Ion Ratio Lower Upper
107 100
108 113.0 90.2 135.2
77 45.8 36.1 54.1
79 45.7 36.2 54.4



#18
Hexachloroethane
Concen: 58.780 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:117 Resp: 135953
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8
201 100.6 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 58.671 ng

RT: 7.322 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 236814

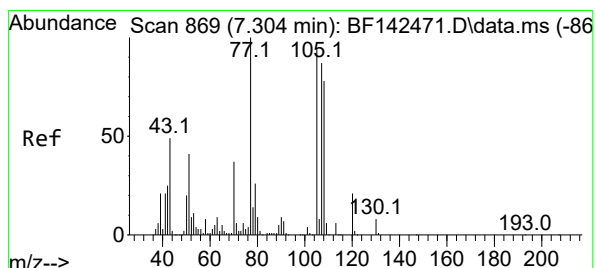
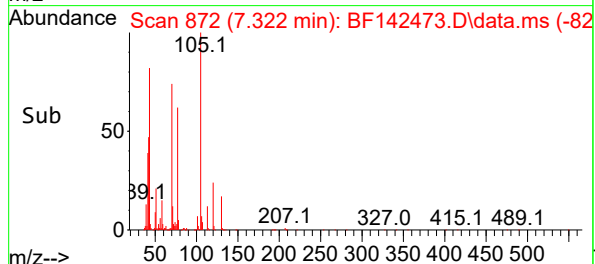
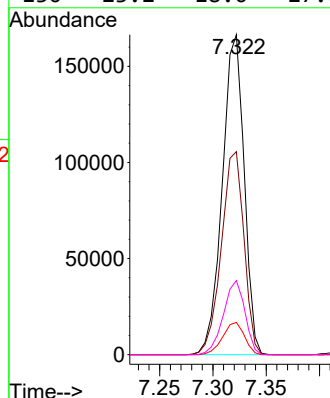
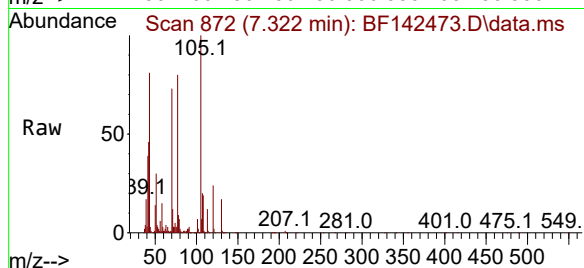
Ion Ratio Lower Upper

70 100

42 63.4 52.4 78.6

101 10.1 7.8 11.8

130 23.2 18.0 27.0



#20

3+4-Methylphenols

Concen: 58.010 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion:107 Resp: 341788

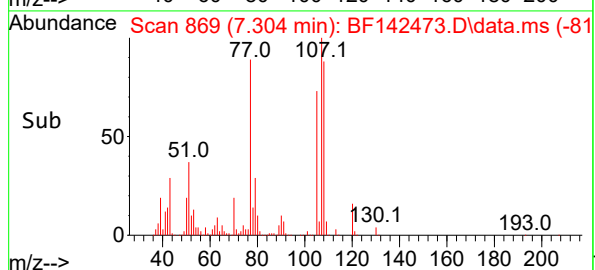
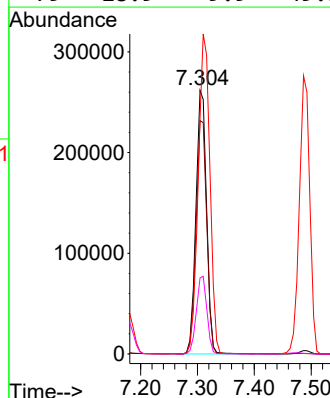
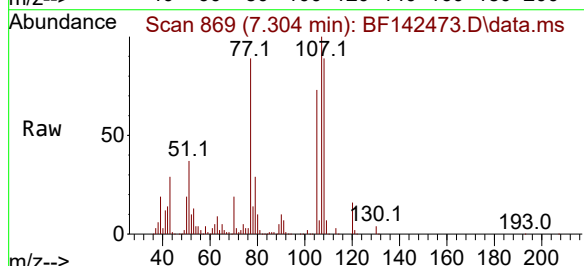
Ion Ratio Lower Upper

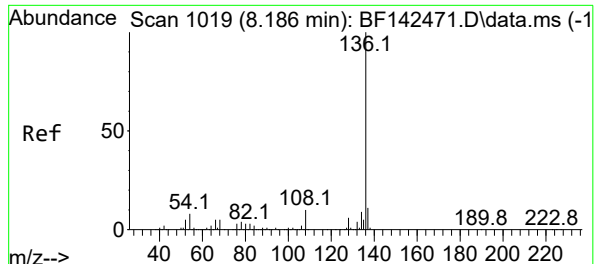
107 100

108 88.5 70.4 110.4

77 89.5 95.4 135.4#

79 28.9 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 354160

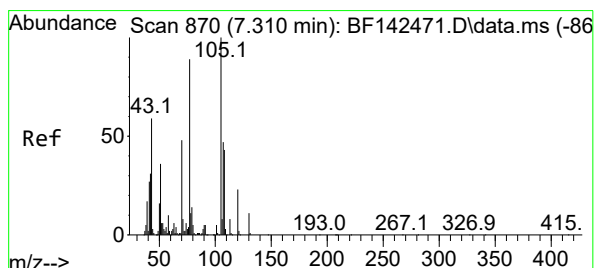
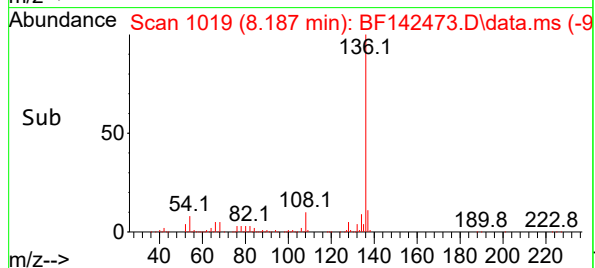
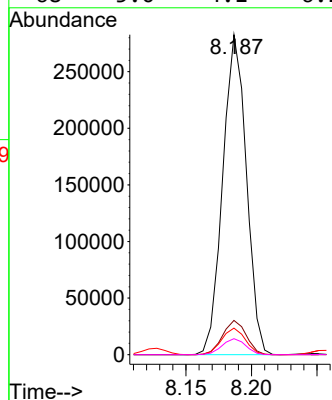
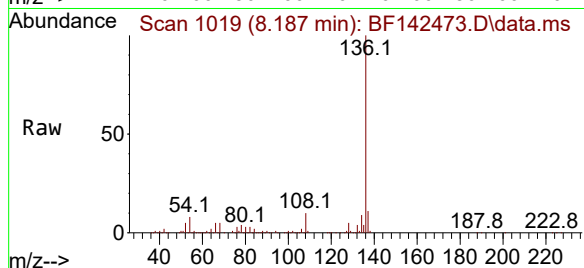
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.3 6.6 10.0

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 57.937 ng

RT: 7.316 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion:105 Resp: 454226

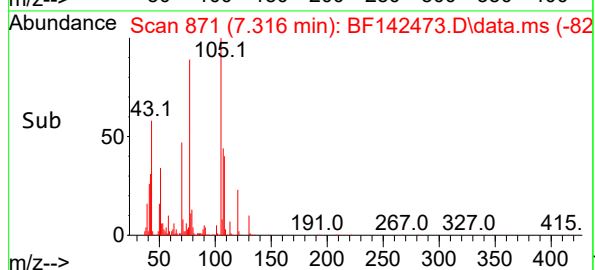
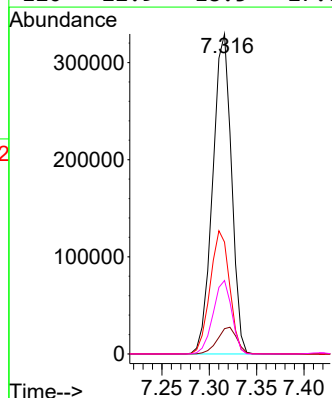
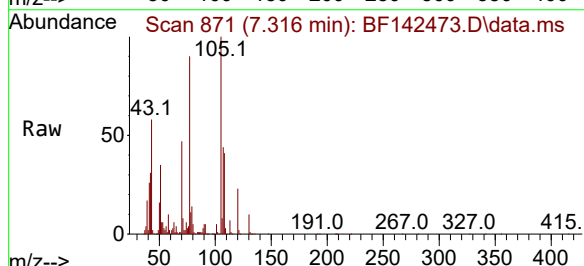
Ion Ratio Lower Upper

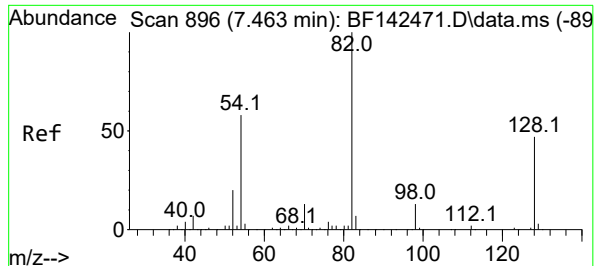
105 100

71 7.9 6.4 9.6

51 34.9 28.6 42.8

120 22.9 18.5 27.7

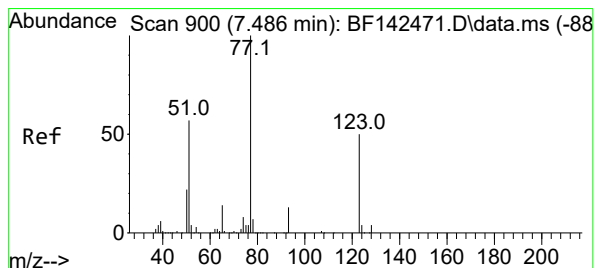
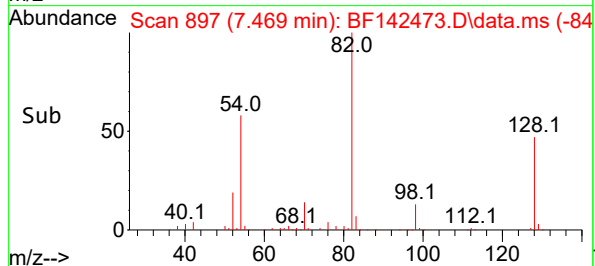
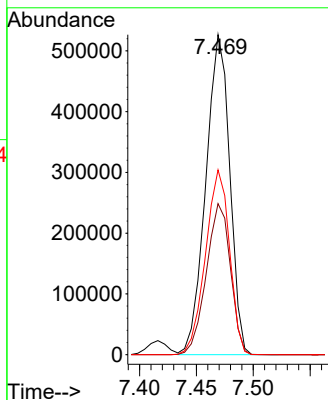
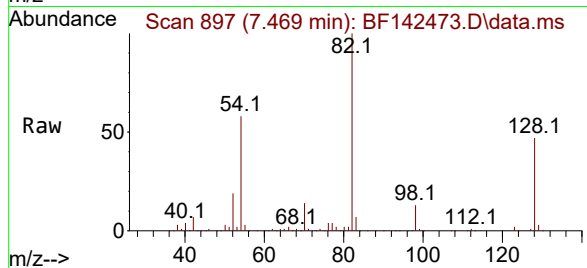




#23
Nitrobenzene-d5
Concen: 118.825 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

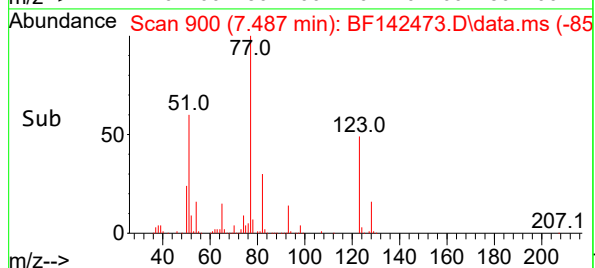
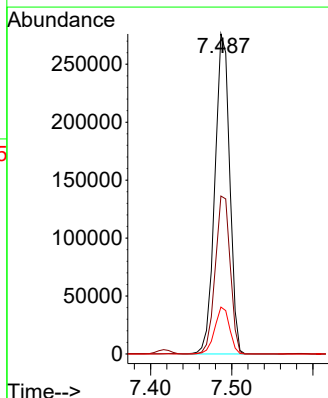
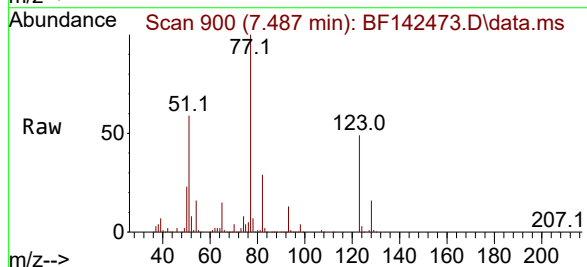
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

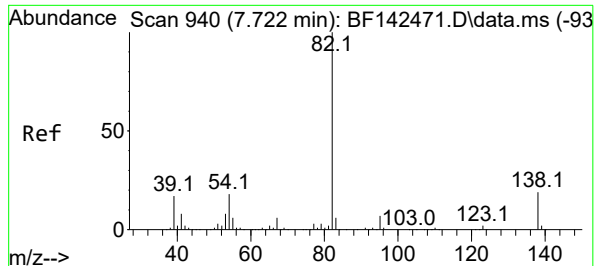
Tgt Ion: 82 Resp: 771758
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.2
54 57.7 46.6 70.0



#24
Nitrobenzene
Concen: 59.984 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 77 Resp: 351378
Ion Ratio Lower Upper
77 100
123 49.4 40.6 61.0
65 14.7 11.4 17.2





#25

Isophorone

Concen: 59.381 ng

RT: 7.728 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

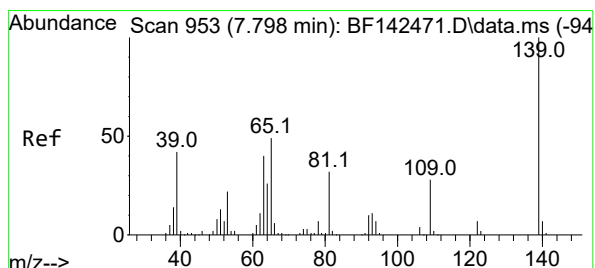
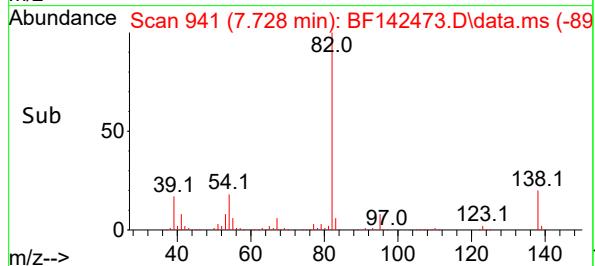
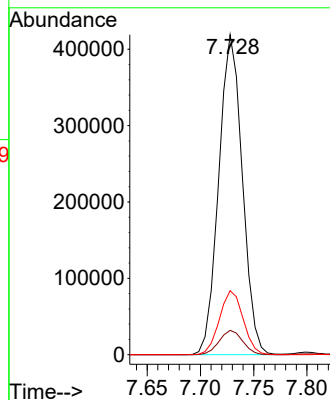
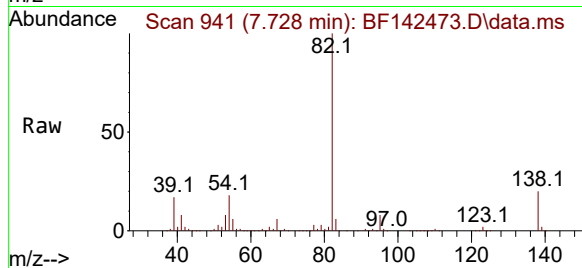
Tgt Ion: 82 Resp: 644818

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 20.0 15.5 23.3



#26

2-Nitrophenol

Concen: 61.872 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

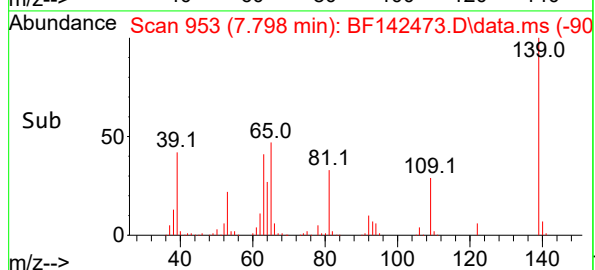
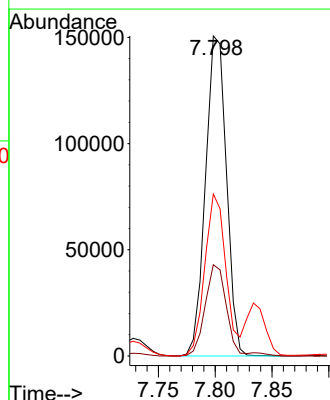
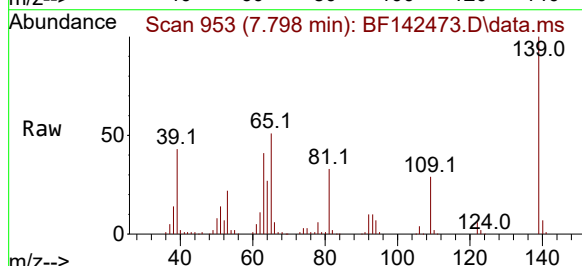
Tgt Ion:139 Resp: 193662

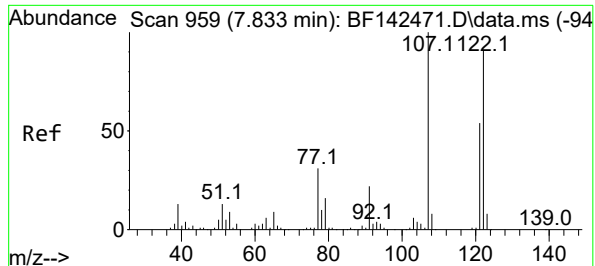
Ion Ratio Lower Upper

139 100

109 28.5 22.6 33.8

65 50.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 59.994 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

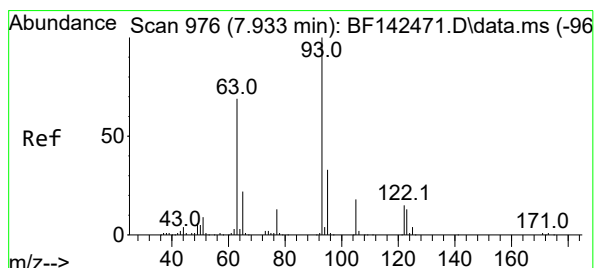
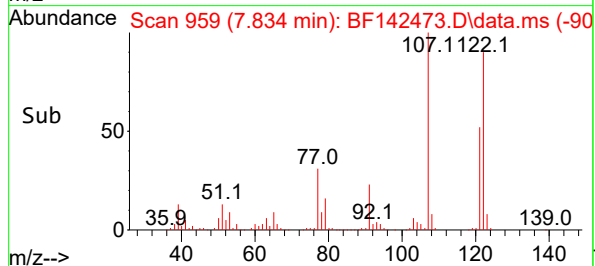
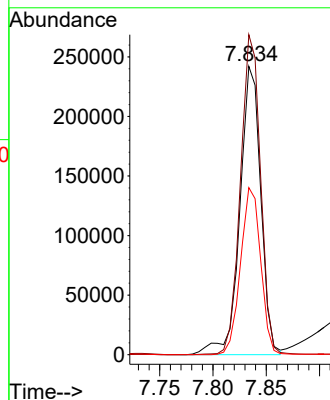
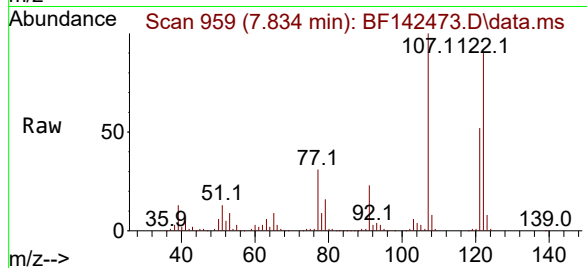
Tgt Ion:122 Resp: 331159

Ion Ratio Lower Upper

122 100

107 111.0 88.1 132.1

121 57.9 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 58.699 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

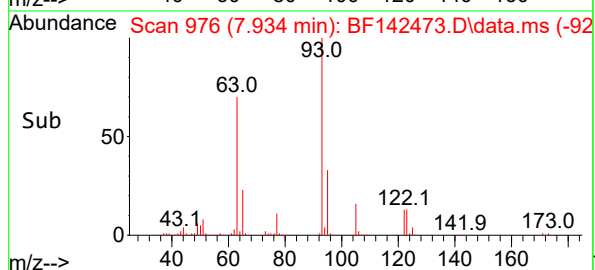
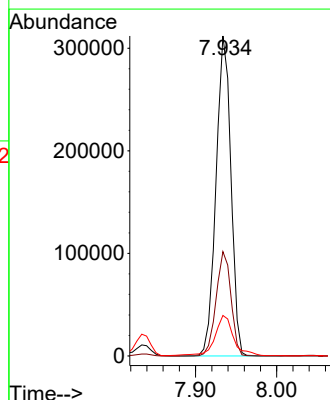
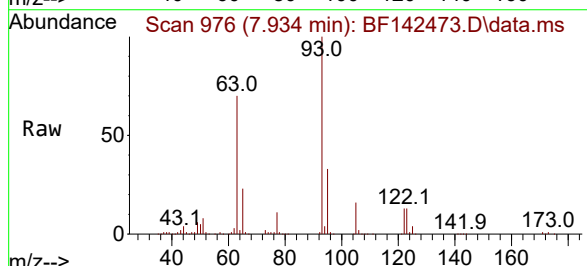
Tgt Ion: 93 Resp: 398177

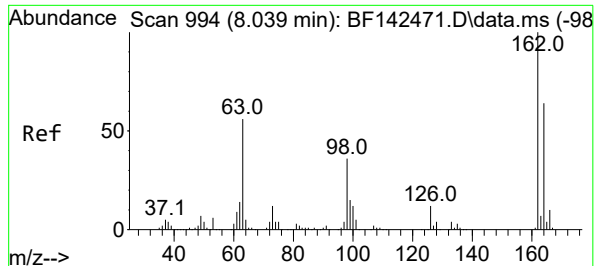
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.7 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 59.913 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

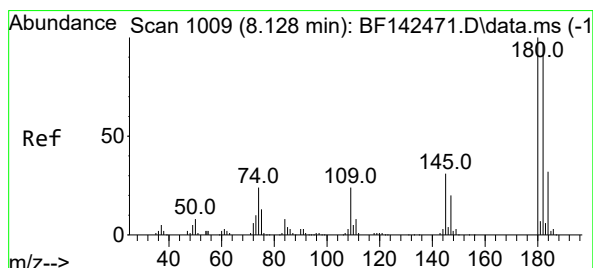
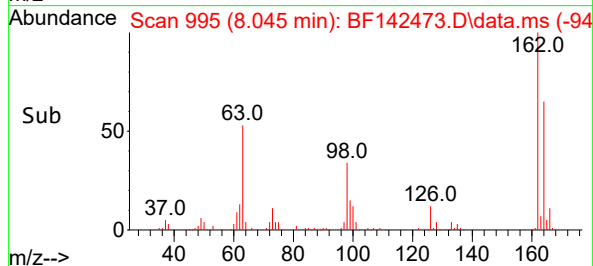
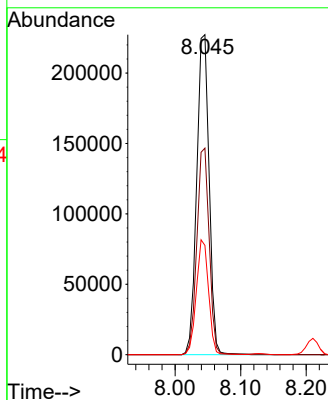
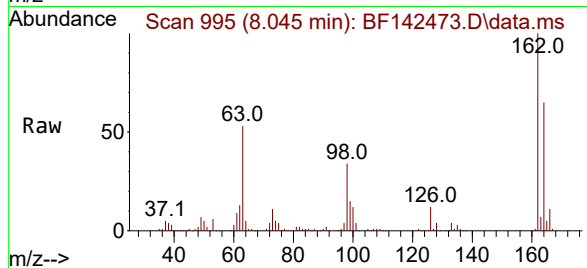
Tgt Ion:162 Resp: 300754

Ion Ratio Lower Upper

162 100

164 64.6 43.7 83.7

98 34.1 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 58.460 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

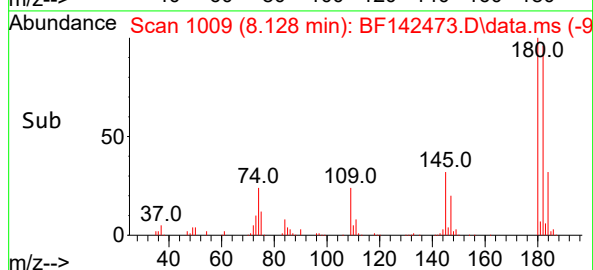
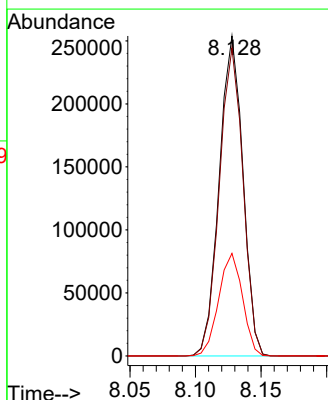
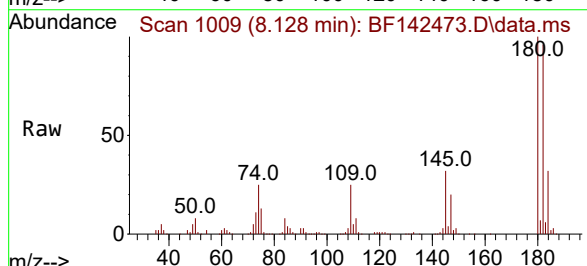
Tgt Ion:180 Resp: 318487

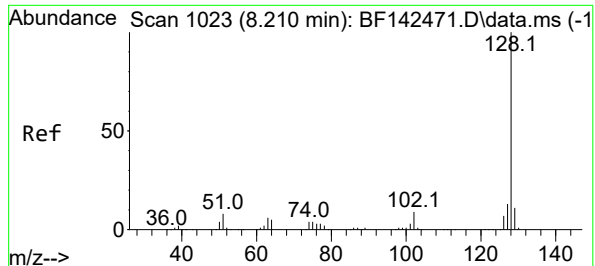
Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

145 32.0 25.0 37.6





#31

Naphthalene

Concen: 58.085 ng

RT: 8.210 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

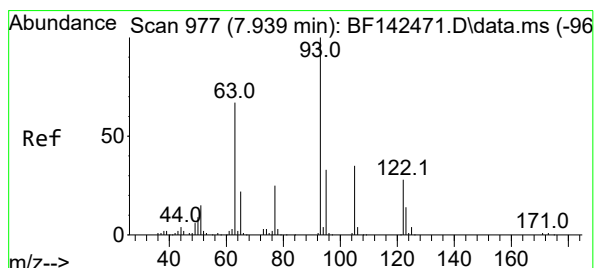
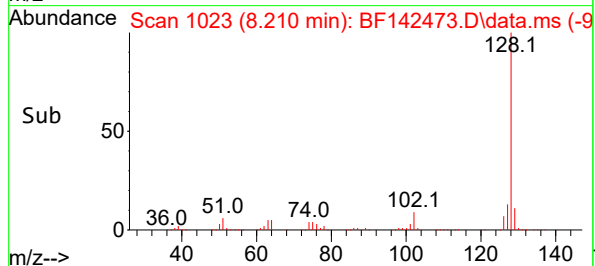
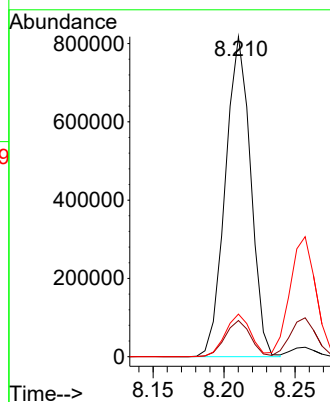
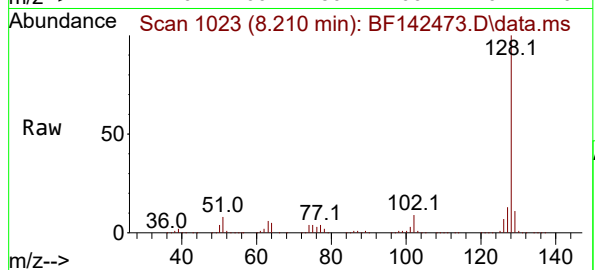
Tgt Ion:128 Resp: 1012926

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 66.059 ng

RT: 7.957 min Scan# 980

Delta R.T. -0.018 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

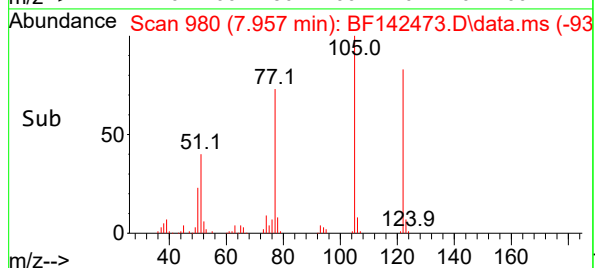
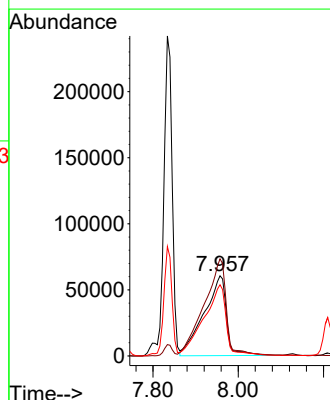
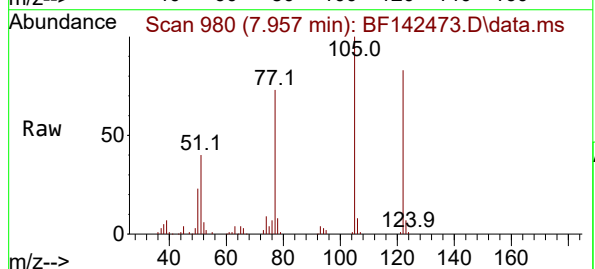
Tgt Ion:122 Resp: 221962

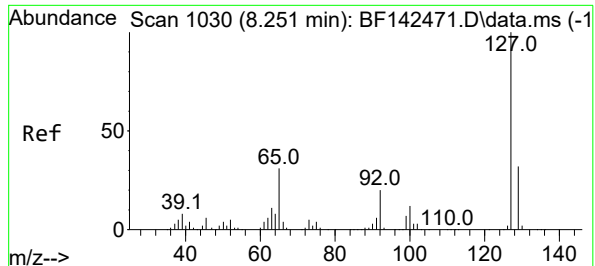
Ion Ratio Lower Upper

122 100

105 121.2 101.7 141.7

77 88.9 69.5 109.5





#33

4-Chloroaniline

Concen: 59.619 ng

RT: 8.257 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 421281

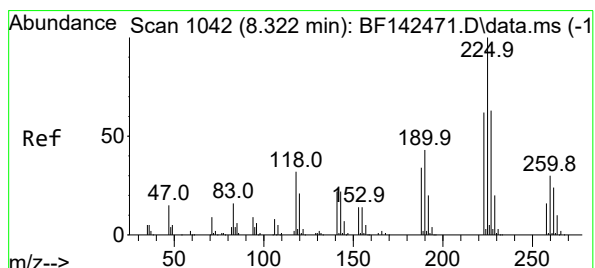
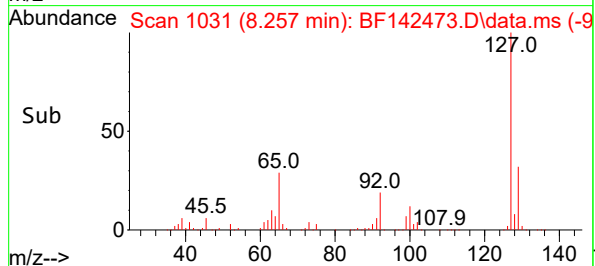
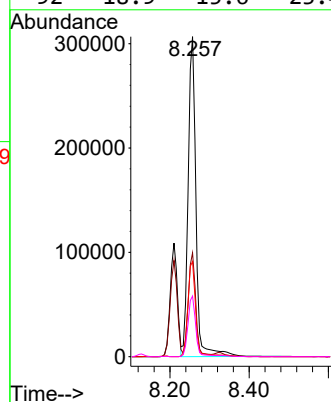
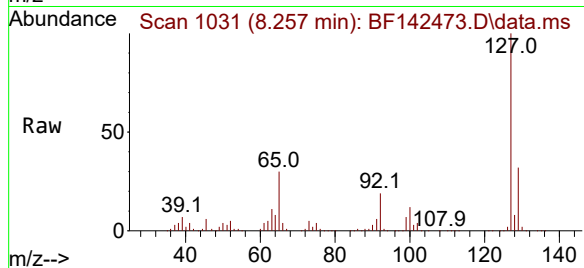
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 29.7 24.9 37.3

92 18.9 15.6 23.4



#34

Hexachlorobutadiene

Concen: 59.831 ng

RT: 8.328 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

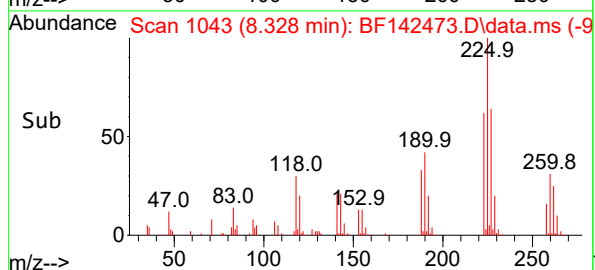
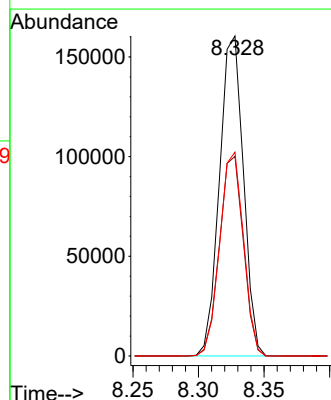
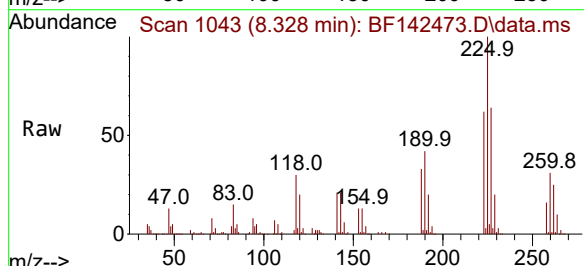
Tgt Ion:225 Resp: 203527

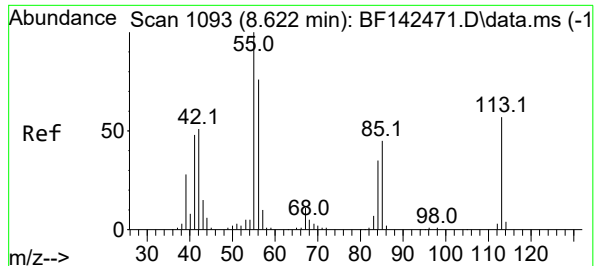
Ion Ratio Lower Upper

225 100

223 62.4 49.7 74.5

227 63.7 50.3 75.5





#35

Caprolactam

Concen: 58.650 ng

RT: 8.634 min Scan# 1095

Delta R.T. -0.012 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

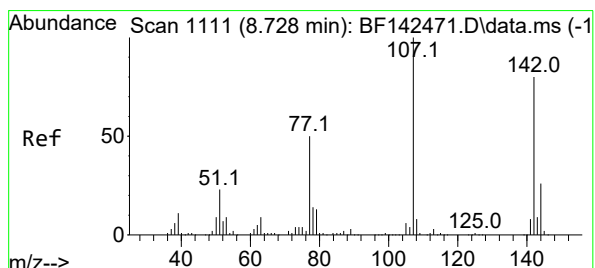
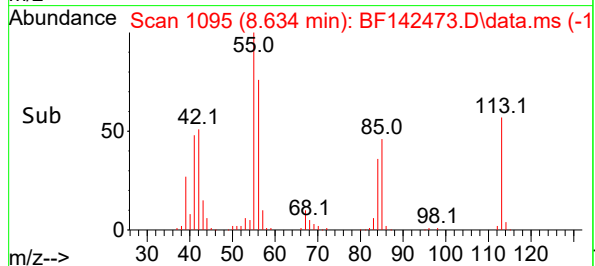
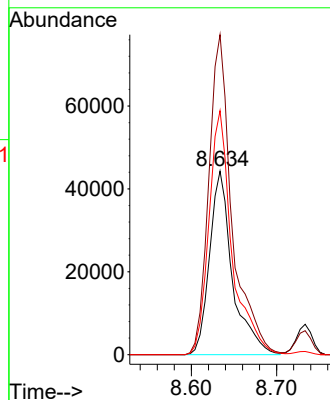
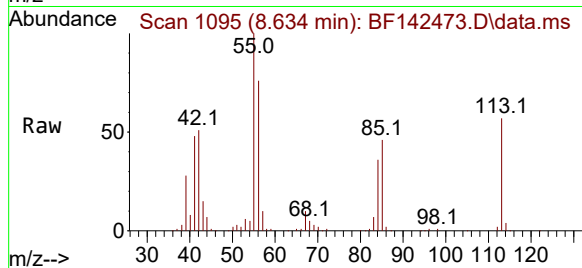
Tgt Ion:113 Resp: 82688

Ion Ratio Lower Upper

113 100

55 174.4 154.7 194.7

56 133.0 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 59.352 ng

RT: 8.734 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

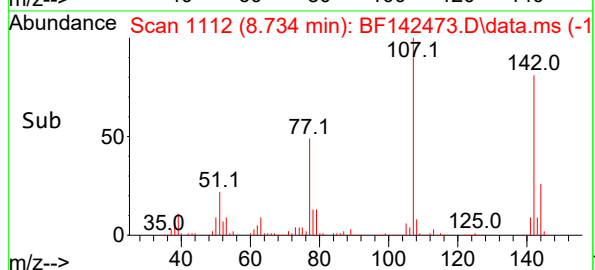
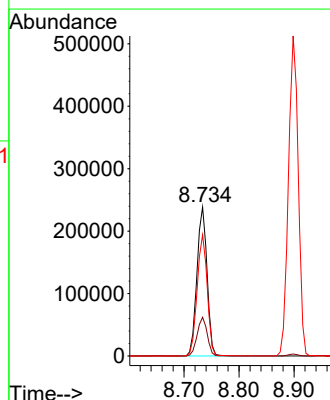
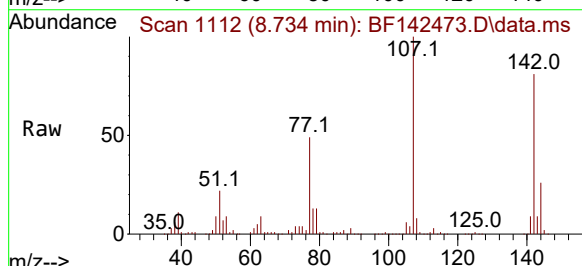
Tgt Ion:107 Resp: 305341

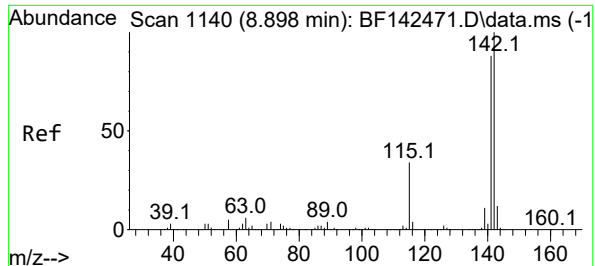
Ion Ratio Lower Upper

107 100

144 26.0 20.9 31.3

142 81.3 64.2 96.2

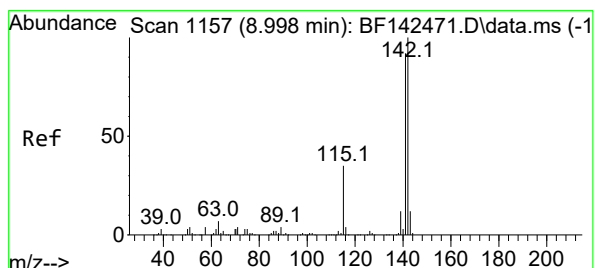
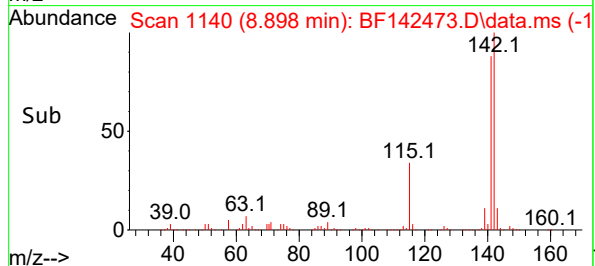
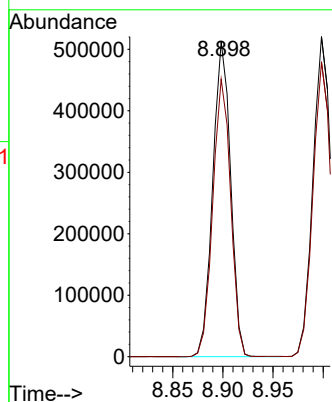
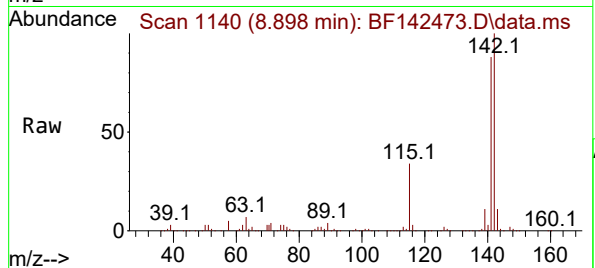




#37
2-Methylnaphthalene
Concen: 57.893 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

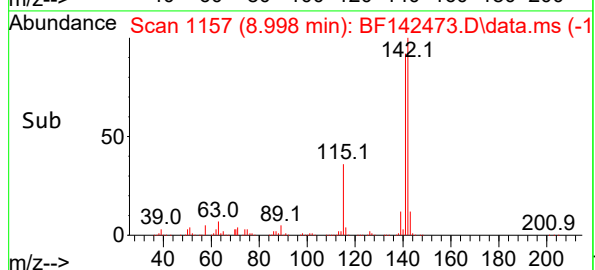
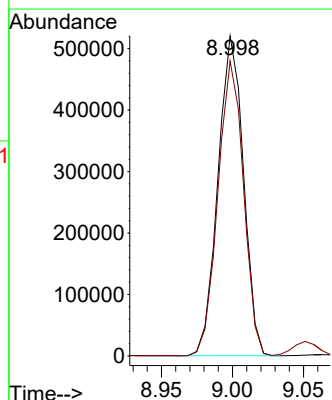
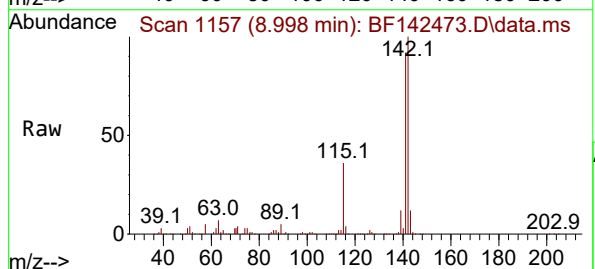
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

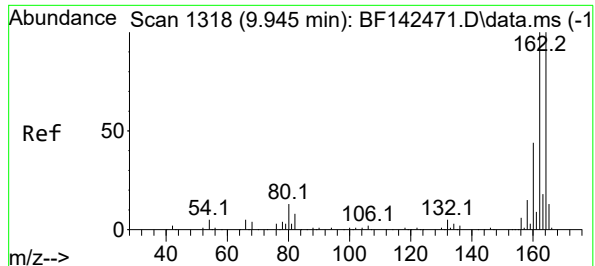
Tgt Ion:142 Resp: 635148
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1



#38
1-Methylnaphthalene
Concen: 57.247 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:142 Resp: 649652
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

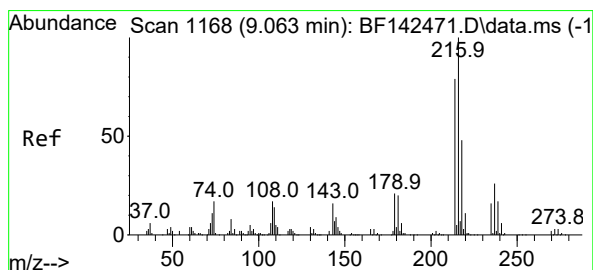
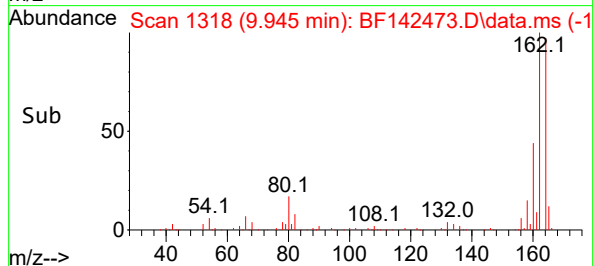
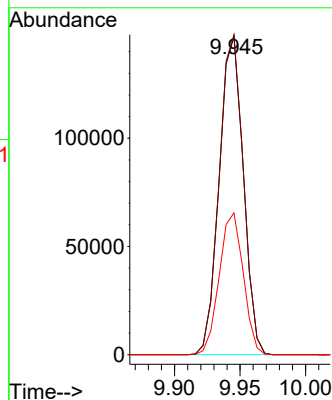
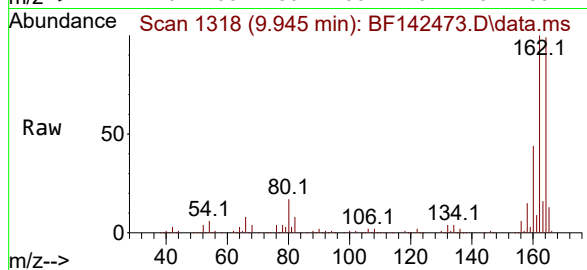
Tgt Ion:164 Resp: 187285

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.4

160 44.6 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.844 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion:216 Resp: 321732

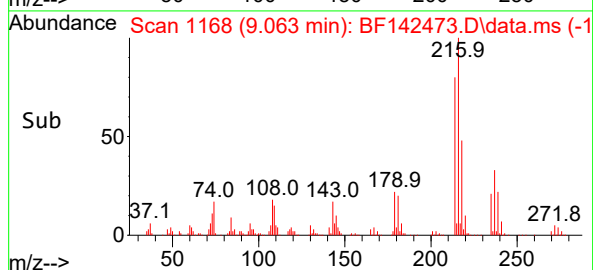
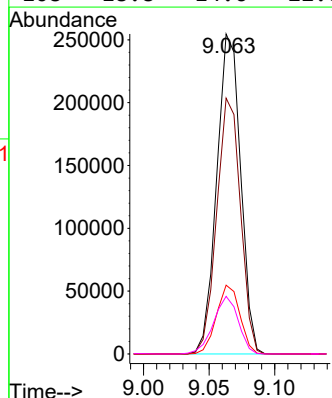
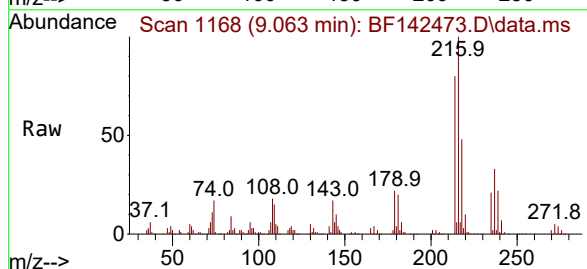
Ion Ratio Lower Upper

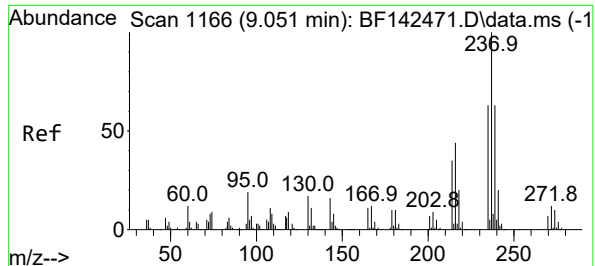
216 100

214 79.5 62.9 94.3

179 21.1 16.9 25.3

108 18.8 14.6 22.0

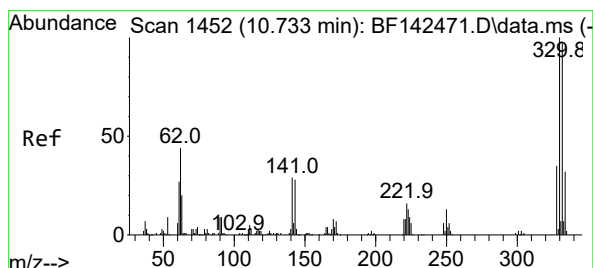
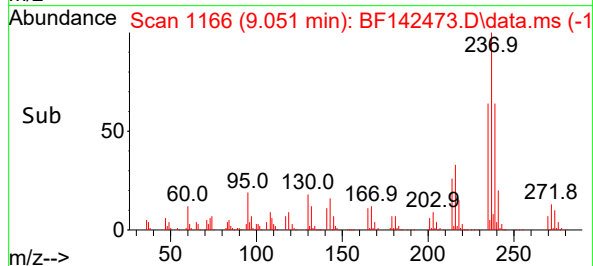
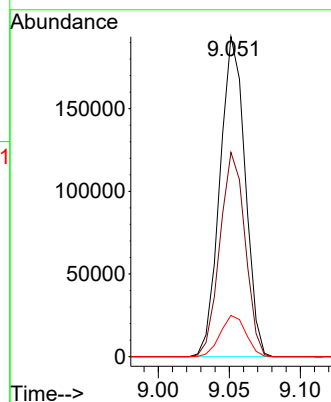
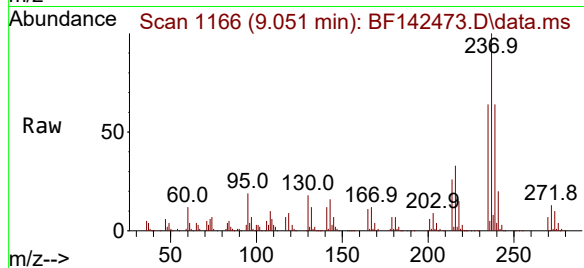




#41
Hexachlorocyclopentadiene
Concen: 65.820 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

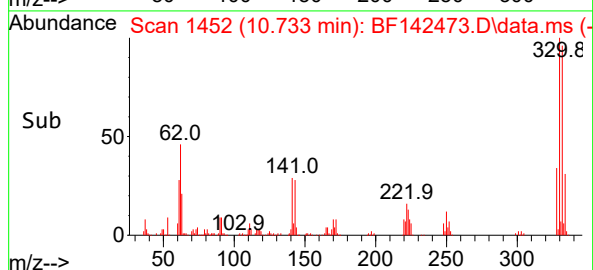
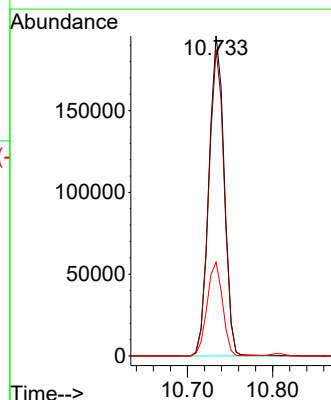
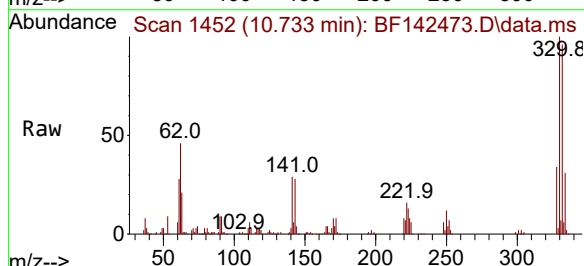
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

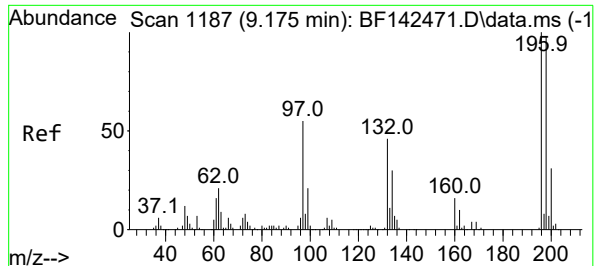
Tgt Ion:237 Resp: 238708
Ion Ratio Lower Upper
237 100
235 63.9 43.3 83.3
272 12.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 117.621 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:330 Resp: 244491
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 29.6 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 60.098 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142473.D

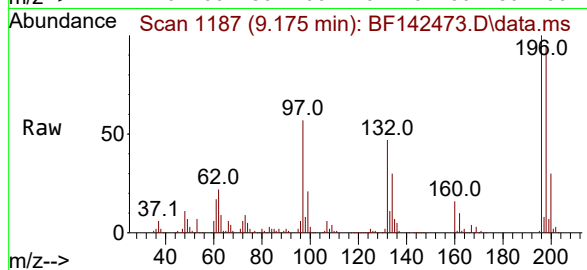
Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



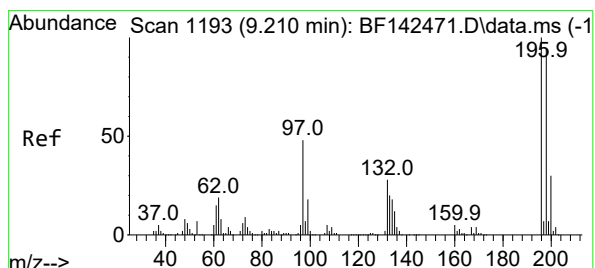
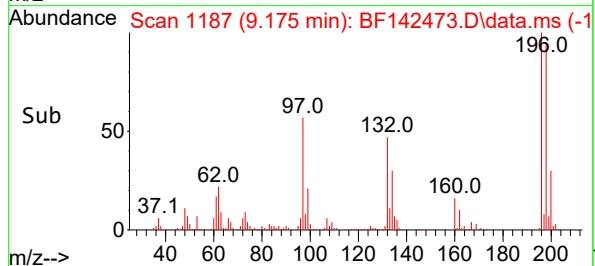
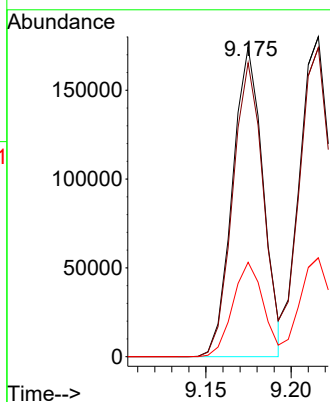
Tgt Ion:196 Resp: 217868

Ion Ratio Lower Upper

196 100

198 94.9 78.8 118.2

200 30.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 59.916 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion:196 Resp: 229079

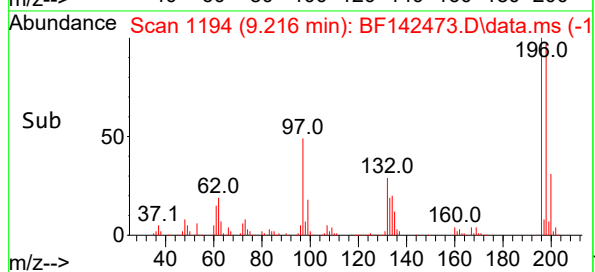
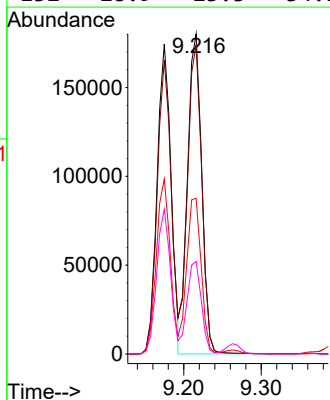
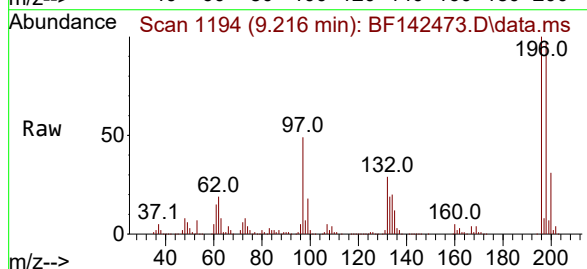
Ion Ratio Lower Upper

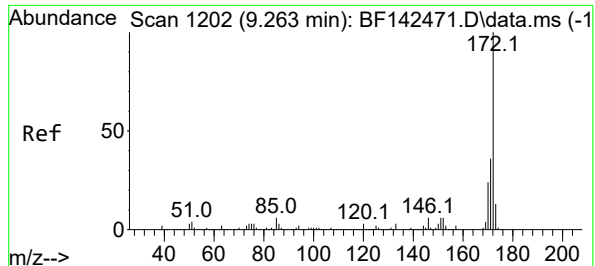
196 100

198 96.6 75.5 113.3

97 48.6 39.3 58.9

132 28.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 112.426 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

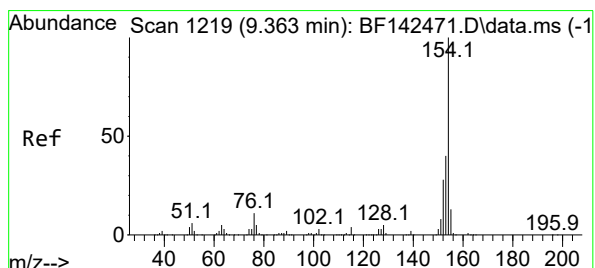
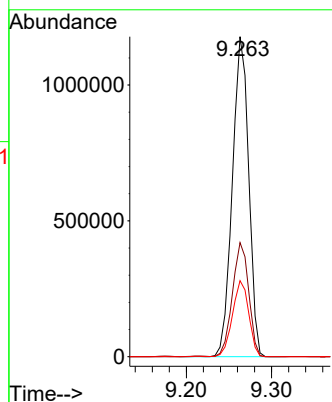
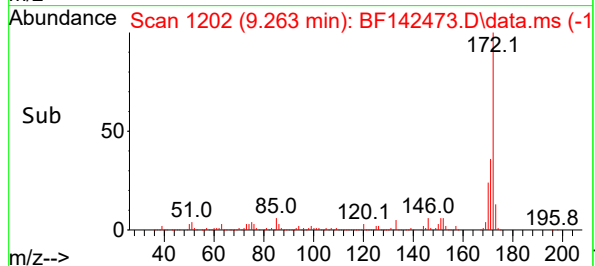
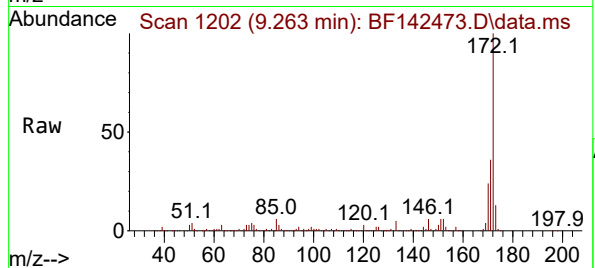
Tgt Ion:172 Resp: 1569136

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 58.279 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

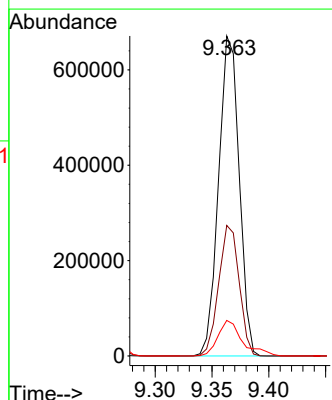
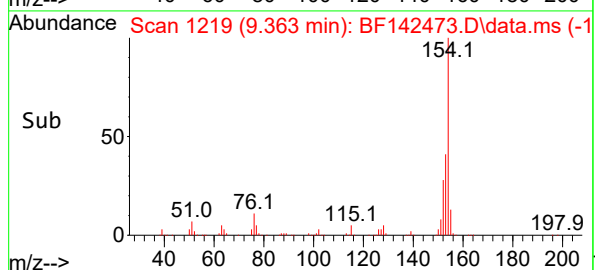
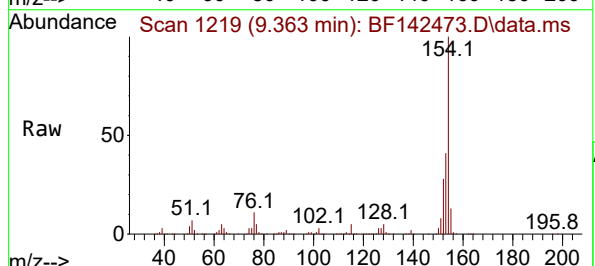
Tgt Ion:154 Resp: 846783

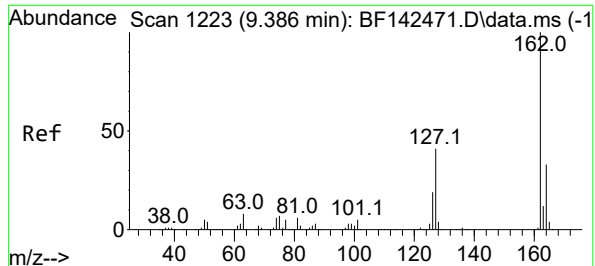
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 58.746 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF142473.D

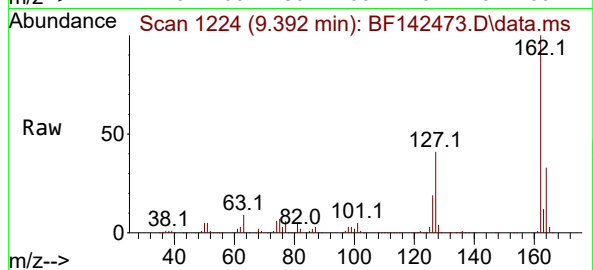
Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



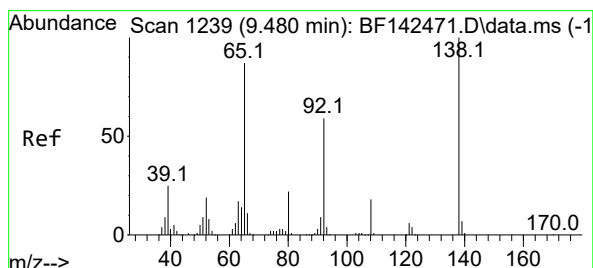
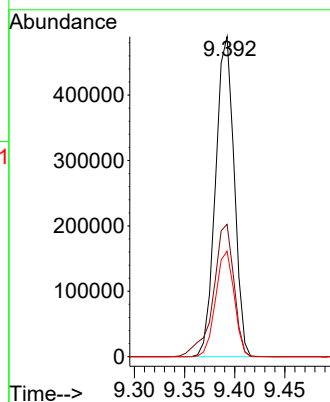
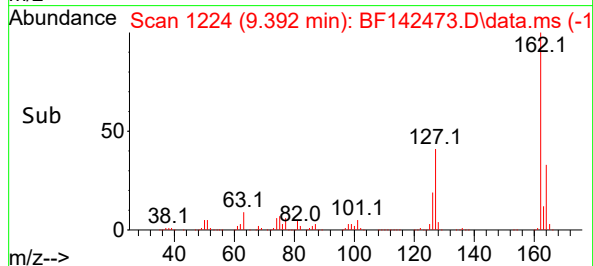
Tgt Ion:162 Resp: 630647

Ion Ratio Lower Upper

162 100

127 41.3 33.5 50.3

164 33.0 26.1 39.1



#48

2-Nitroaniline

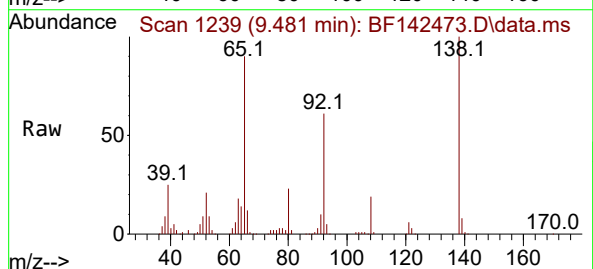
Concen: 60.093 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03



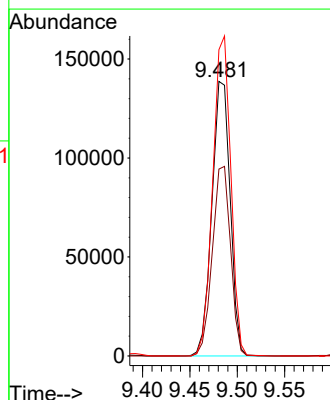
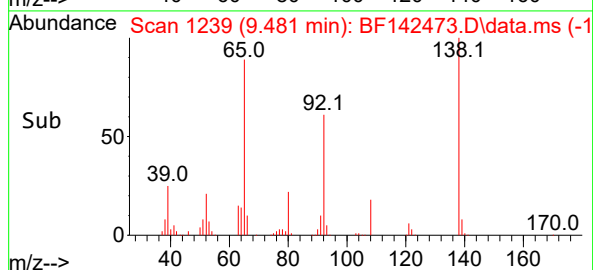
Tgt Ion: 65 Resp: 186466

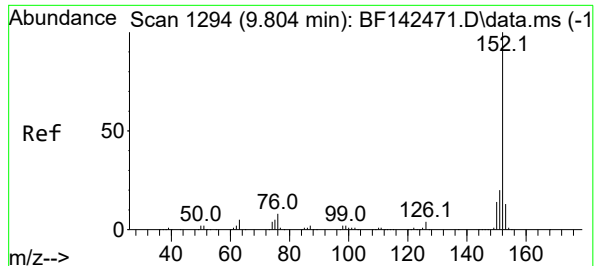
Ion Ratio Lower Upper

65 100

92 68.1 54.4 81.6

138 111.5 91.4 137.2





#49

Acenaphthylene

Concen: 58.411 ng

RT: 9.804 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

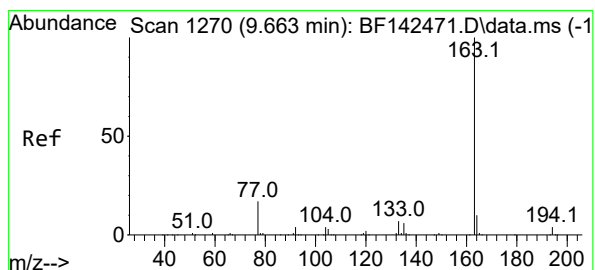
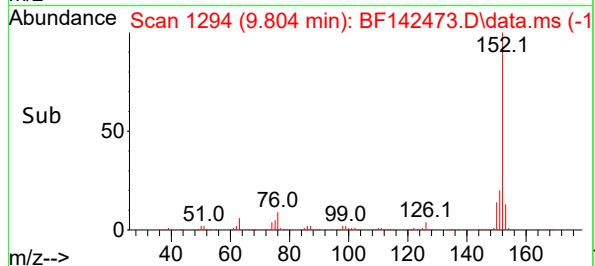
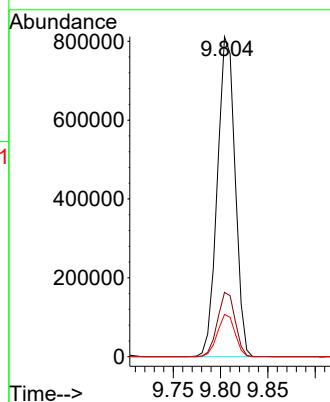
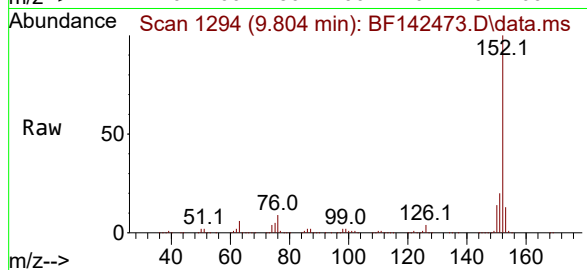
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 1058826

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.2	10.6	15.8



#50

Dimethylphthalate

Concen: 57.119 ng

RT: 9.669 min Scan# 1271

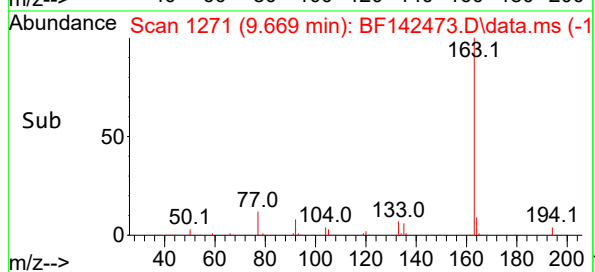
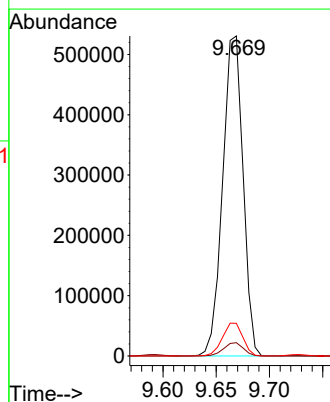
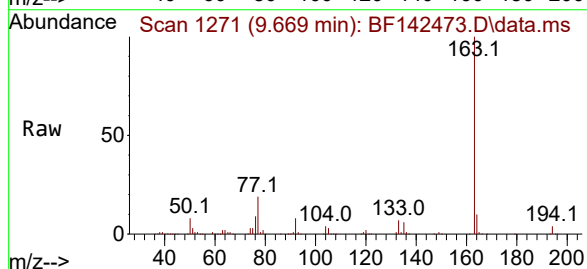
Delta R.T. 0.000 min

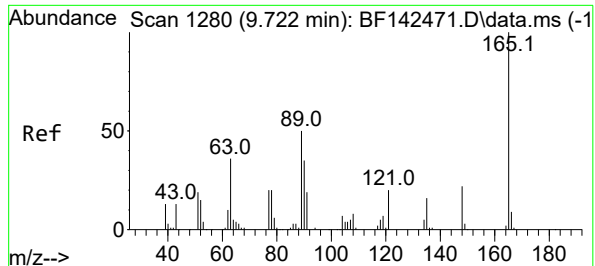
Lab File: BF142473.D

Acq: 20 May 2025 15:03

Tgt Ion:163 Resp: 705857

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.2	12.4

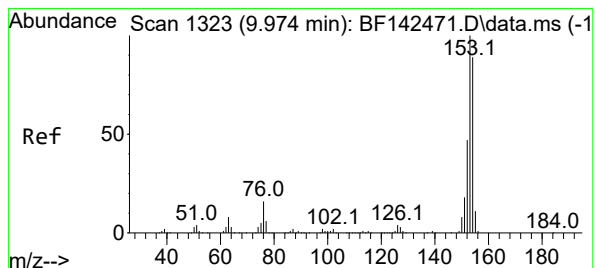
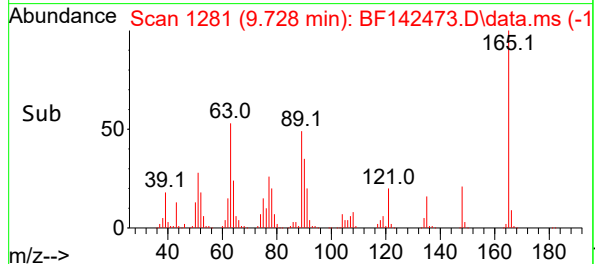
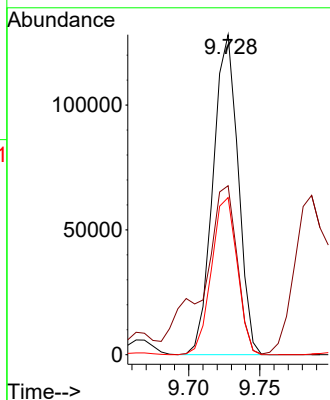
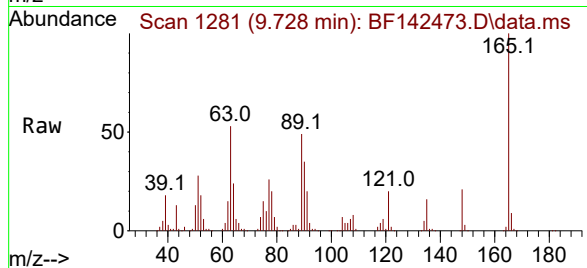




#51
2,6-Dinitrotoluene
Concen: 59.195 ng
RT: 9.728 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

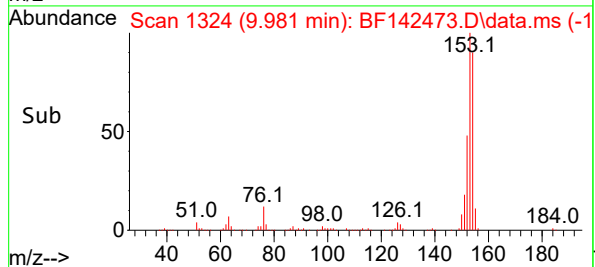
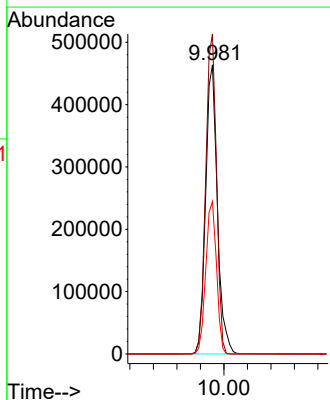
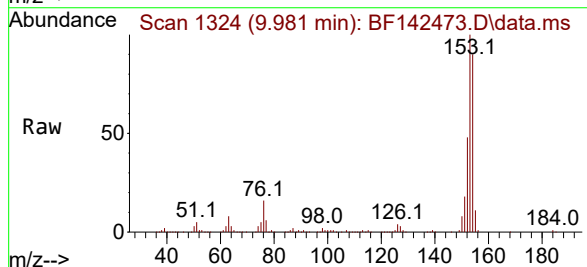
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

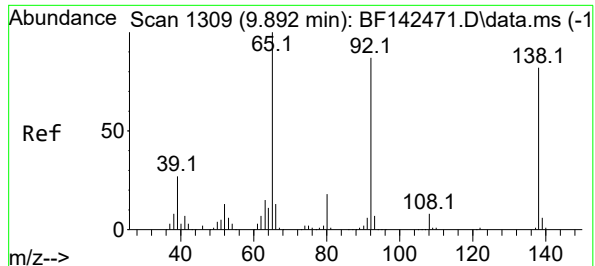
Tgt Ion:165 Resp: 157884
Ion Ratio Lower Upper
165 100
63 52.8 42.9 64.3
89 49.1 40.2 60.4



#52
Acenaphthene
Concen: 58.160 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:154 Resp: 643773
Ion Ratio Lower Upper
154 100
153 110.7 90.0 135.0
152 52.8 42.6 64.0

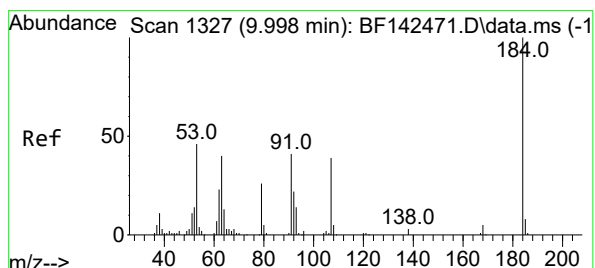
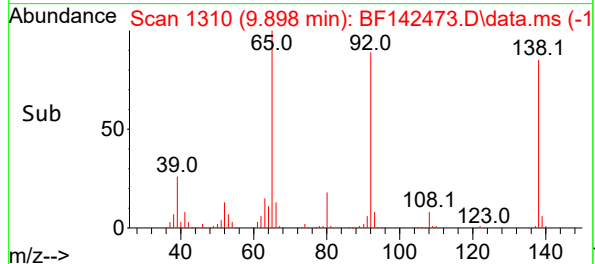
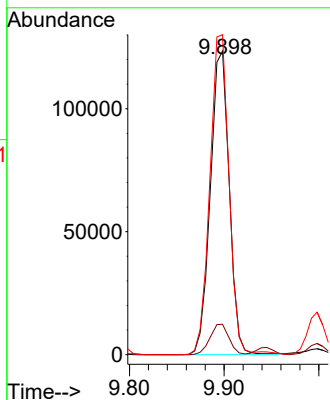
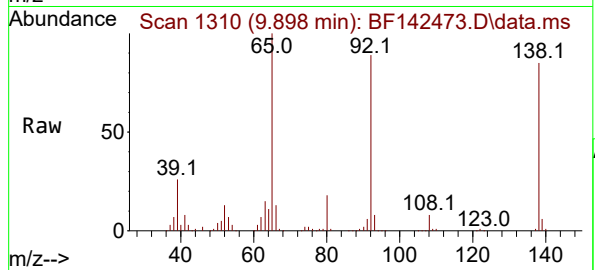




#53
3-Nitroaniline
Concen: 58.746 ng
RT: 9.898 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

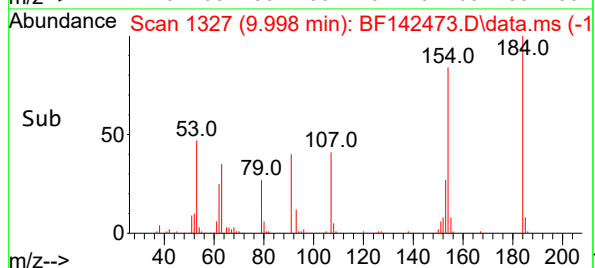
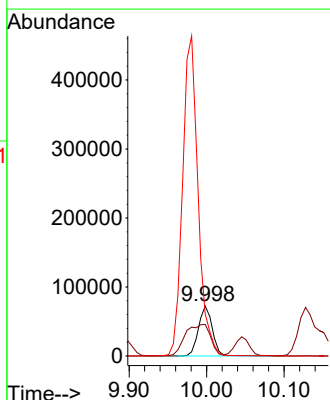
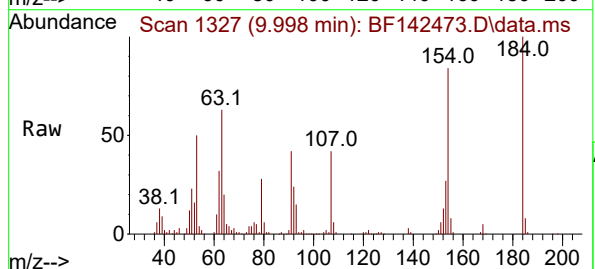
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

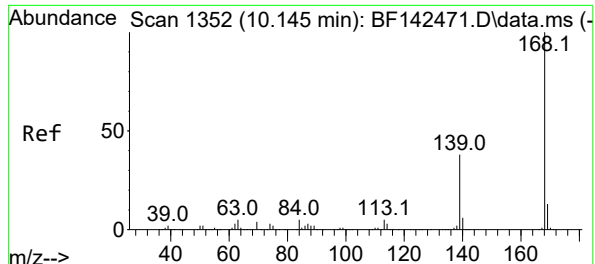
Tgt Ion:138 Resp: 171137
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 105.4 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 65.126 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:184 Resp: 89741
Ion Ratio Lower Upper
184 100
63 63.3 46.3 69.5
154 84.0 56.8 85.2

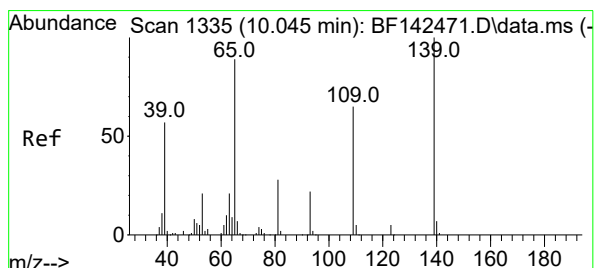
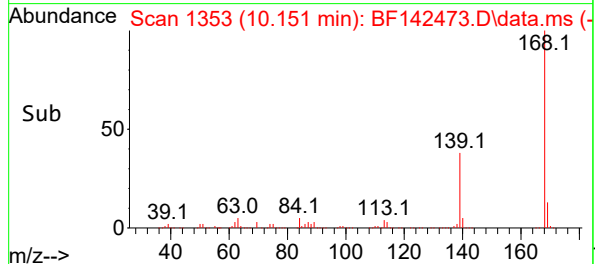
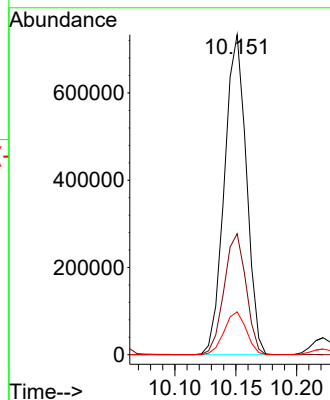
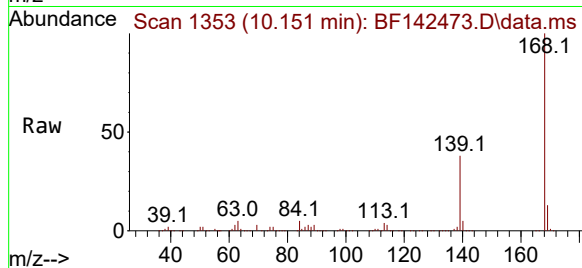




#55
Dibenzenofuran
Concen: 57.677 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

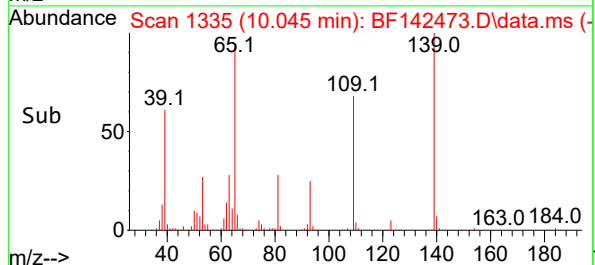
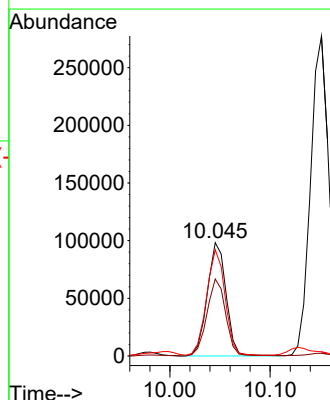
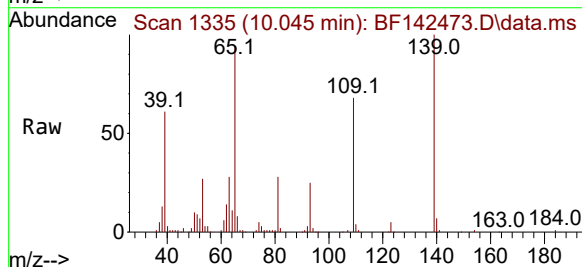
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

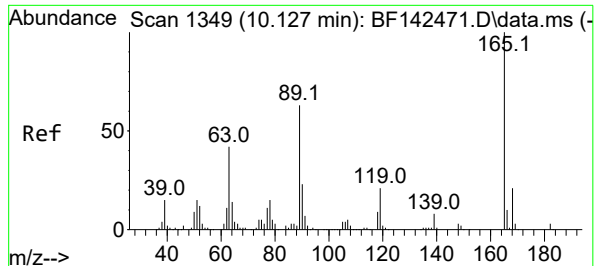
Tgt Ion:168 Resp: 918703
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 59.782 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:139 Resp: 128501
Ion Ratio Lower Upper
139 100
109 67.9 45.1 85.1
65 93.8 69.7 109.7

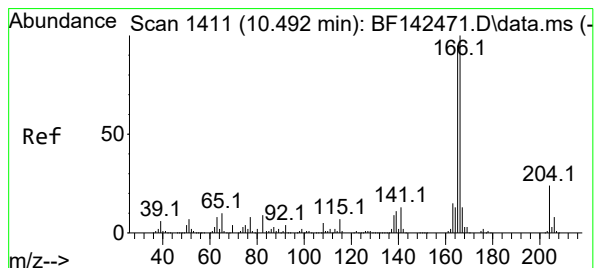
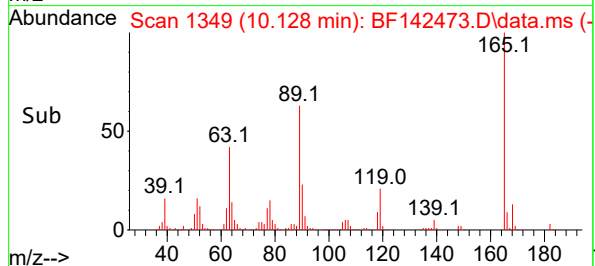
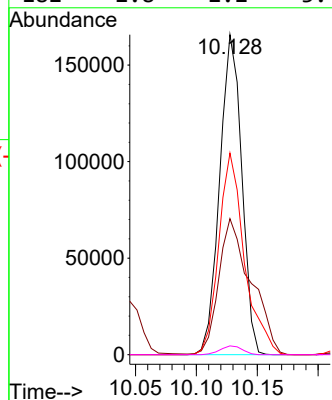
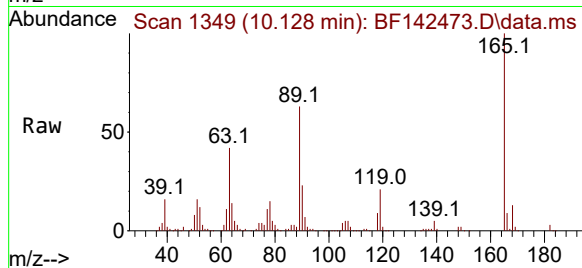




#57
2,4-Dinitrotoluene
Concen: 60.012 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

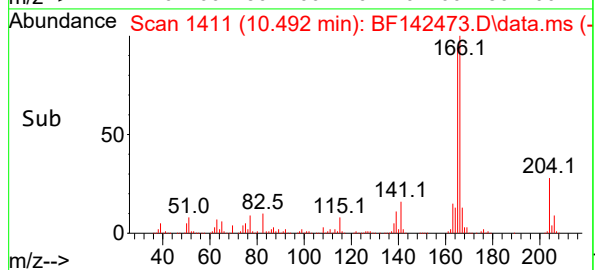
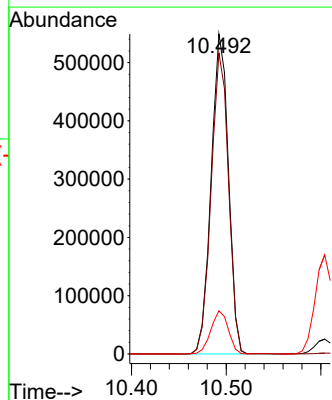
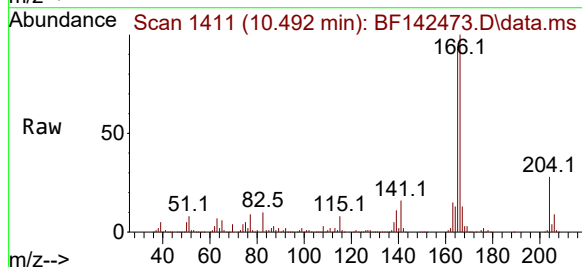
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

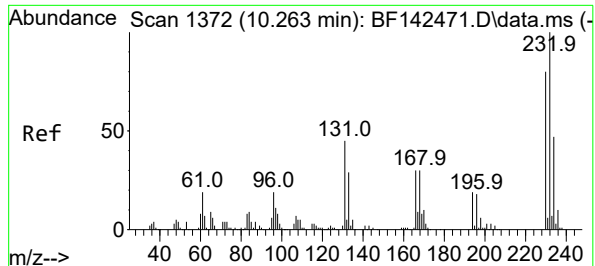
Tgt Ion:165 Resp: 209035
Ion Ratio Lower Upper
165 100
63 42.5 33.6 50.4
89 63.0 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 56.516 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:166 Resp: 695462
Ion Ratio Lower Upper
166 100
165 94.1 75.8 113.8
167 13.5 10.6 16.0

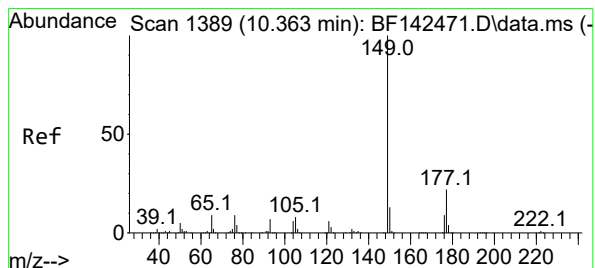
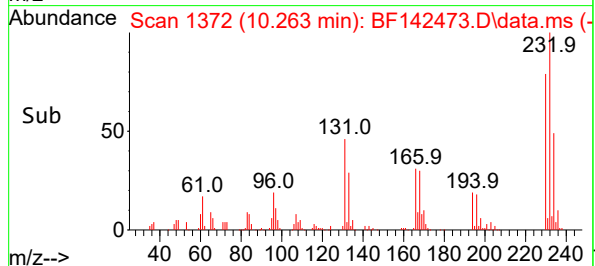
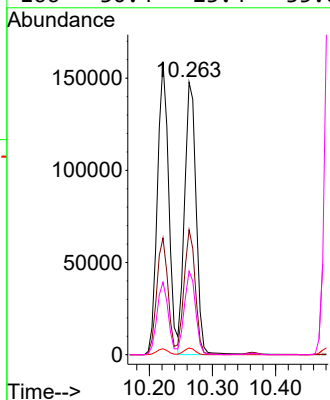
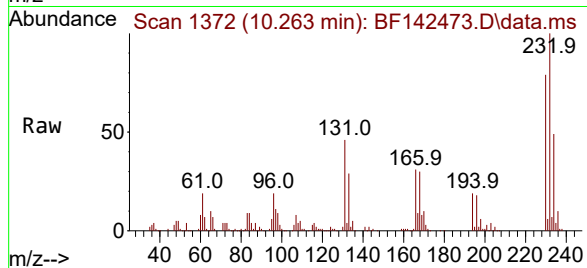




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.609 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

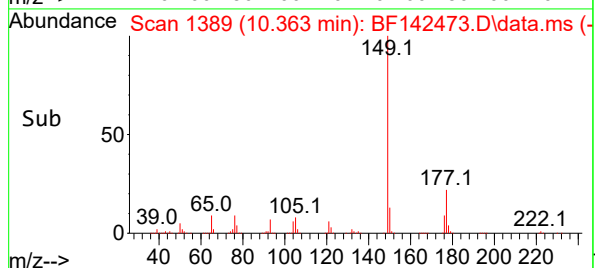
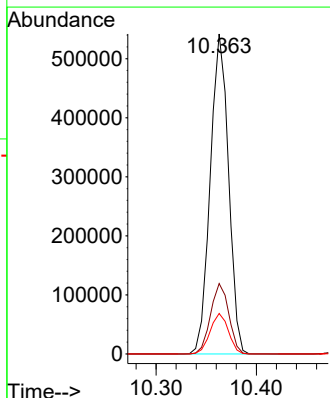
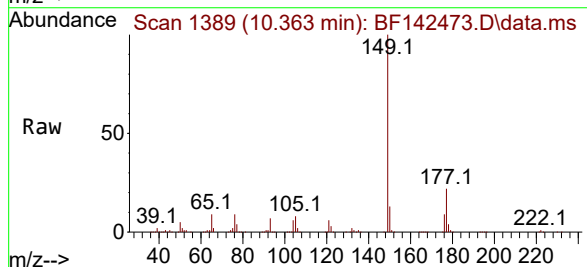
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

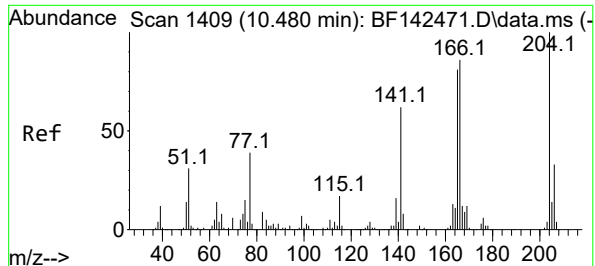
Tgt Ion:232 Resp: 187067
Ion Ratio Lower Upper
232 100
131 45.0 35.2 52.8
130 2.4 1.7 2.5
166 30.4 23.4 35.0



#60
Diethylphthalate
Concen: 56.695 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 684259
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.6 10.1 15.1

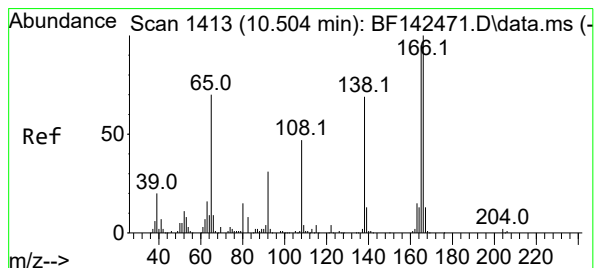
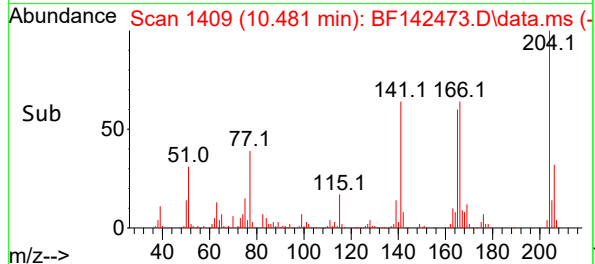
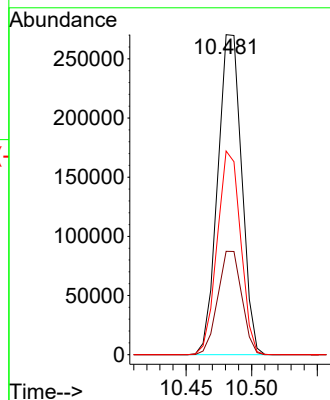
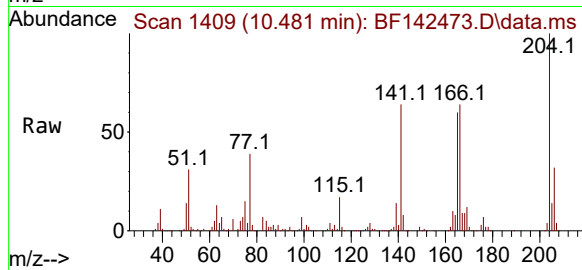




#61
4-Chlorophenyl-phenylether
Concen: 56.880 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

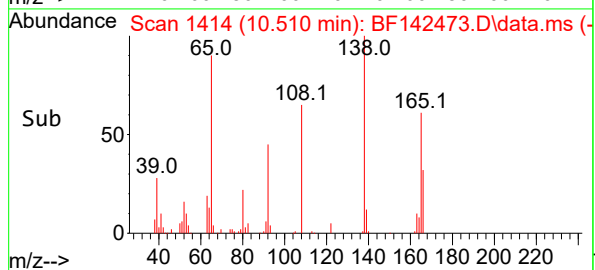
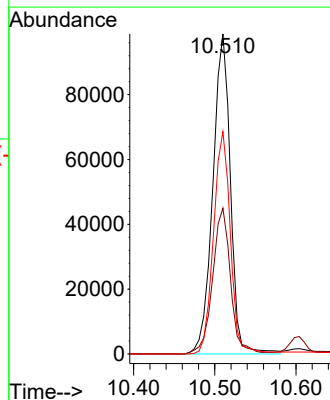
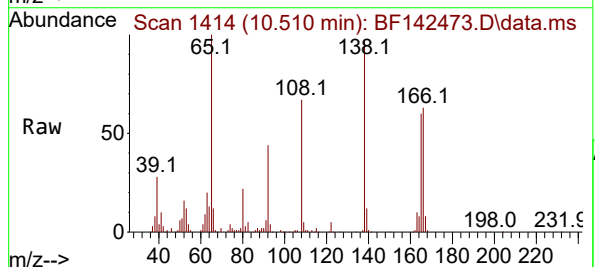
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

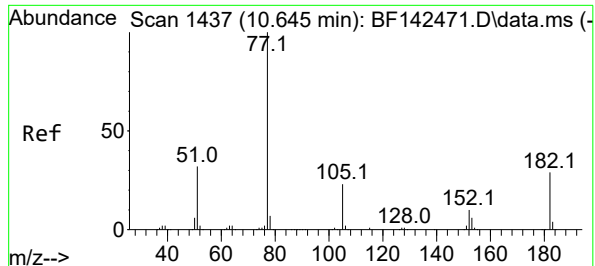
Tgt Ion:204 Resp: 343838
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 63.7 49.5 74.3



#62
4-Nitroaniline
Concen: 56.302 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:138 Resp: 148755
Ion Ratio Lower Upper
138 100
92 45.6 26.0 66.0
108 69.5 48.4 88.4

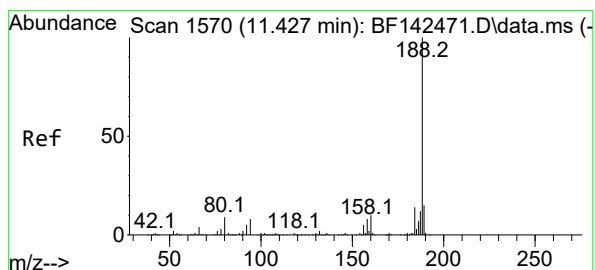
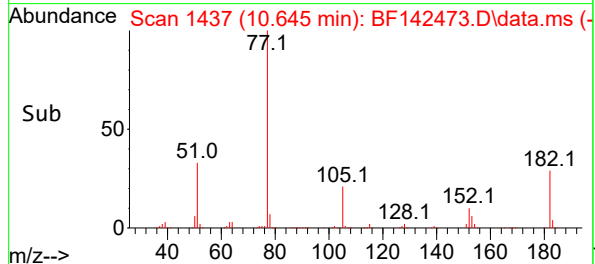
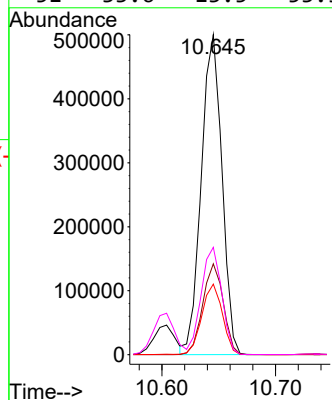
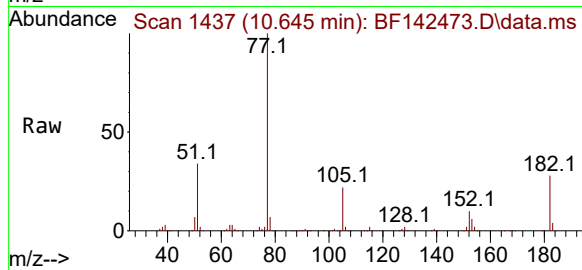




#63
Azobenzene
Concen: 58.221 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

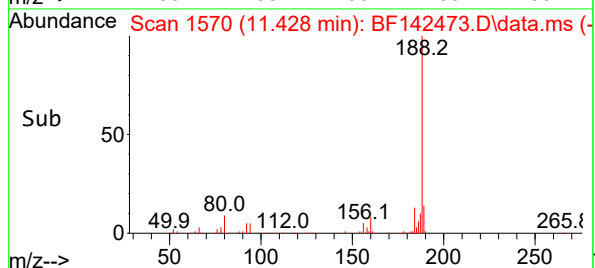
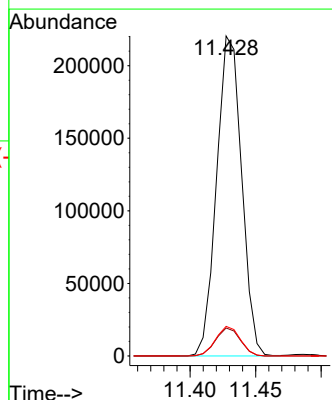
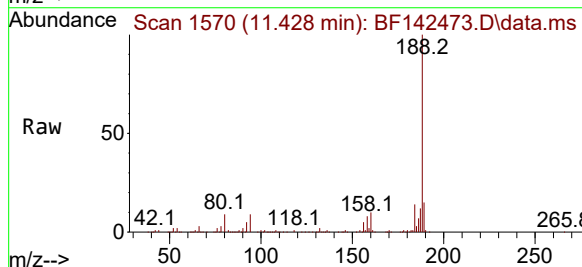
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

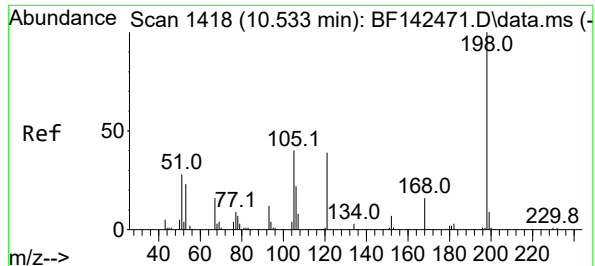
Tgt Ion: 77 Resp: 631137
Ion Ratio Lower Upper
77 100
182 28.4 9.0 49.0
105 22.1 2.4 42.4
51 33.6 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:188 Resp: 292190
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.2 7.4 11.0

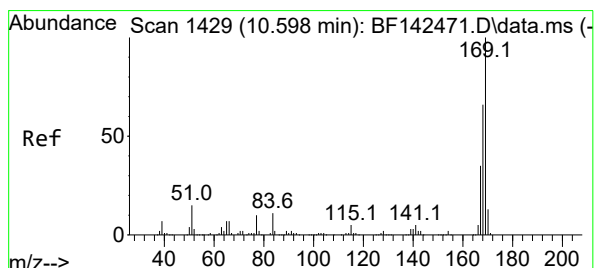
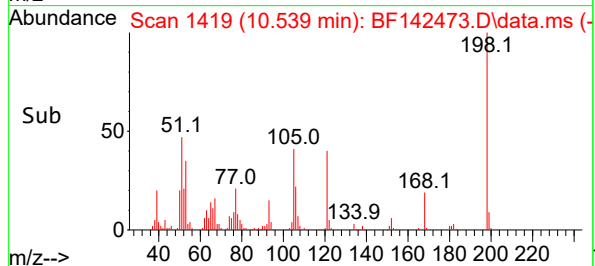
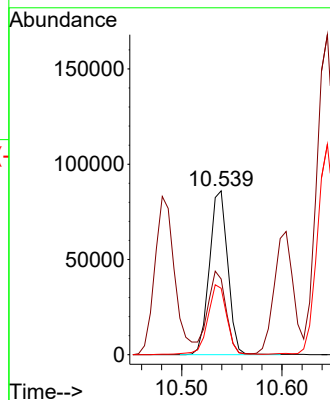
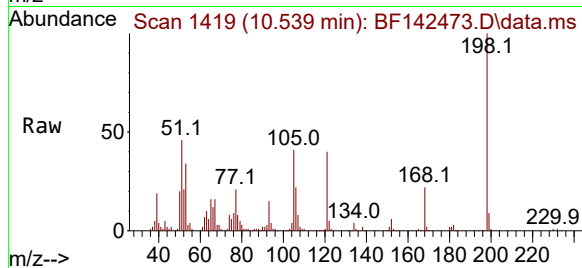




#65
4,6-Dinitro-2-methylphenol
Concen: 66.950 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

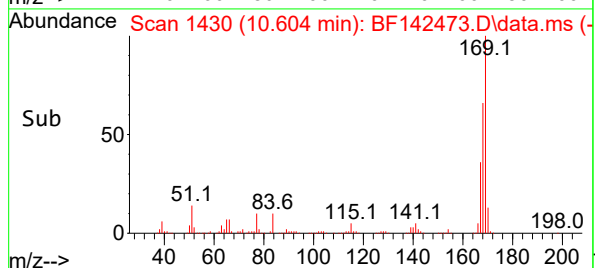
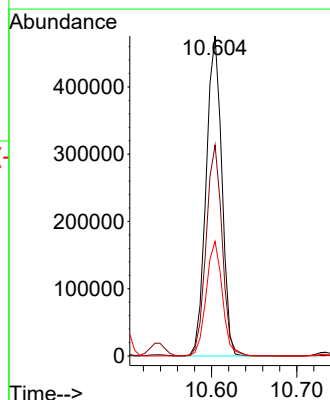
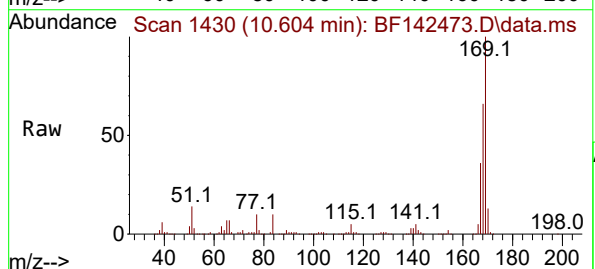
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

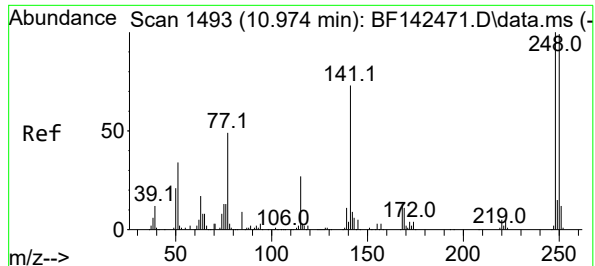
Tgt Ion:198 Resp: 109172
Ion Ratio Lower Upper
198 100
51 46.2 28.3 68.3
105 40.5 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 60.861 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:169 Resp: 608394
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 35.8 28.3 42.5

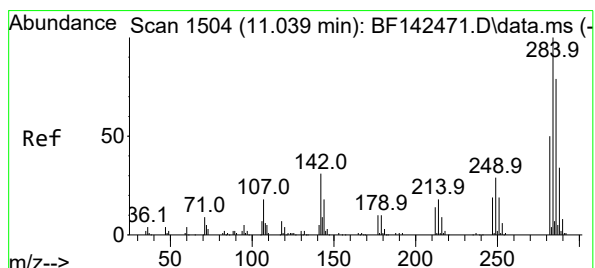
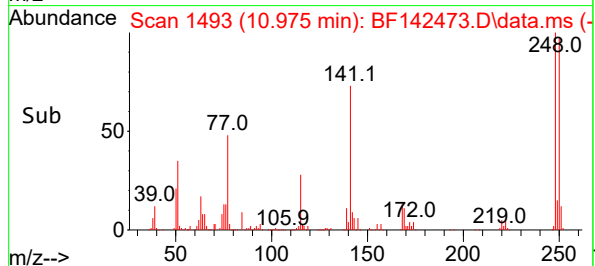
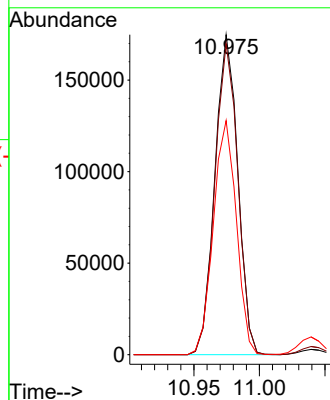
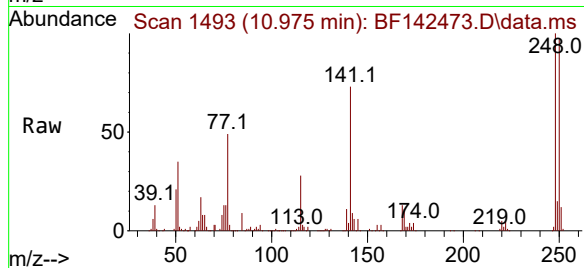




#67
4-Bromophenyl-phenylether
Concen: 61.546 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

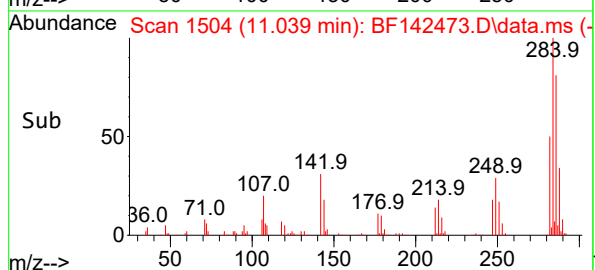
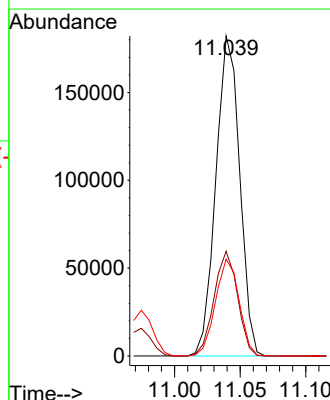
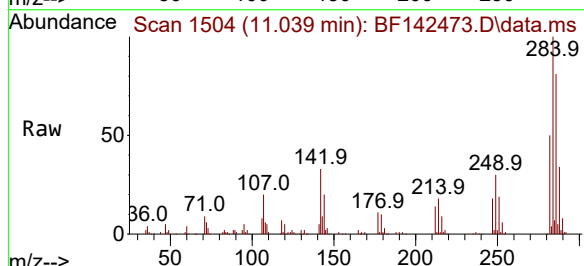
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

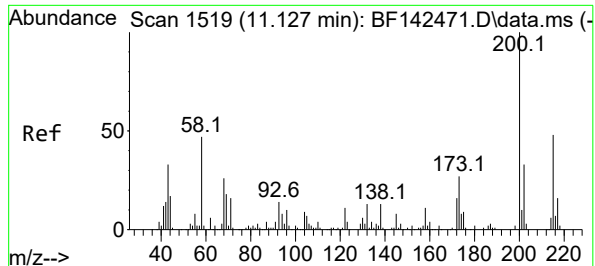
Tgt Ion:248 Resp: 212638
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.4
141 73.2 58.4 87.6



#68
Hexachlorobenzene
Concen: 60.168 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:284 Resp: 229917
Ion Ratio Lower Upper
284 100
142 32.7 24.8 37.2
249 30.2 23.6 35.4





#69

Atrazine

Concen: 59.604 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.001 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

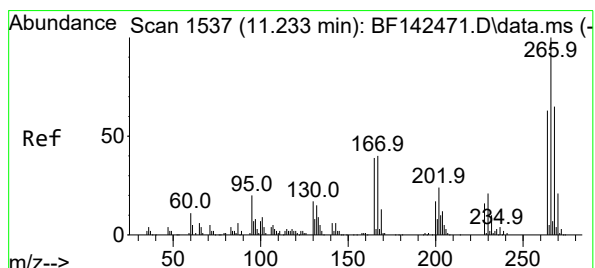
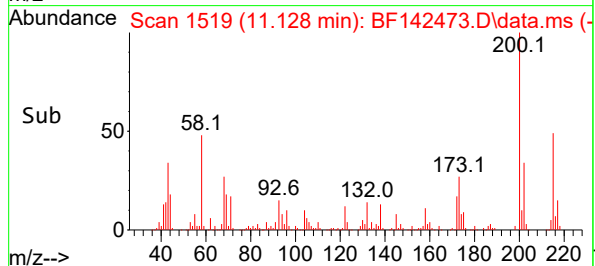
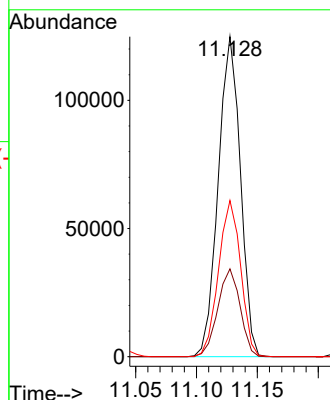
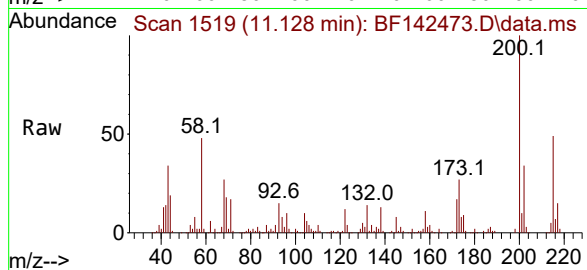
Tgt Ion:200 Resp: 158234

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 48.8 28.5 68.5



#70

Pentachlorophenol

Concen: 63.663 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

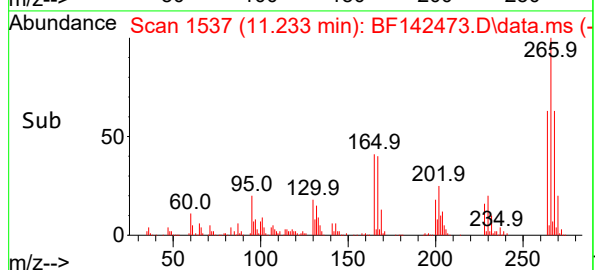
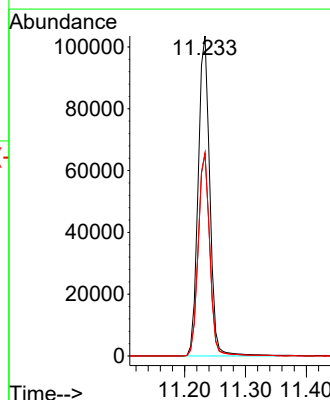
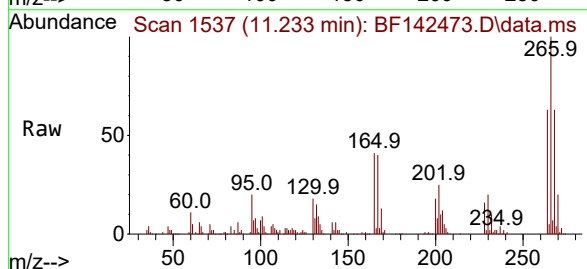
Tgt Ion:266 Resp: 137347

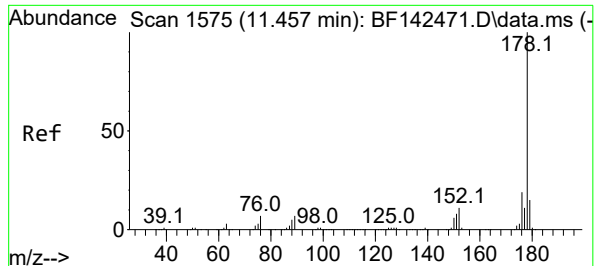
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 63.4 50.4 75.6

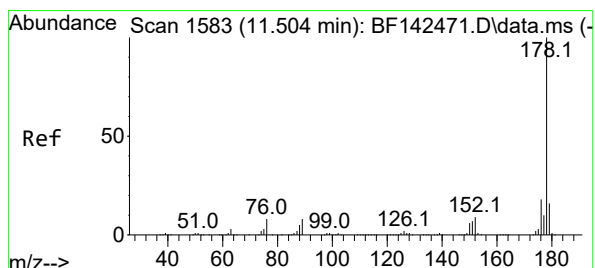
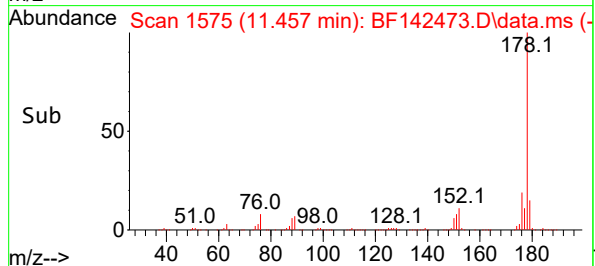
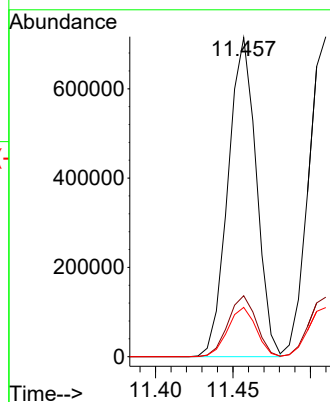
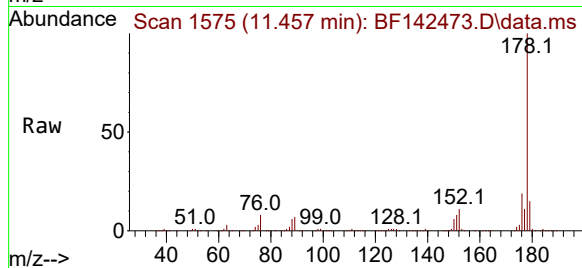




#71
Phenanthrene
Concen: 57.961 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

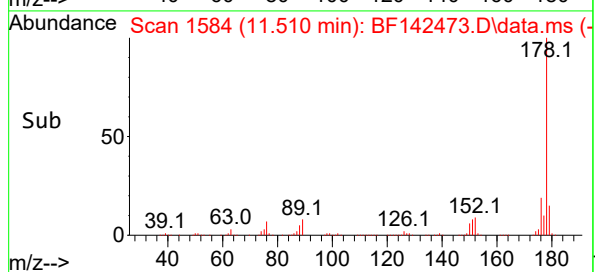
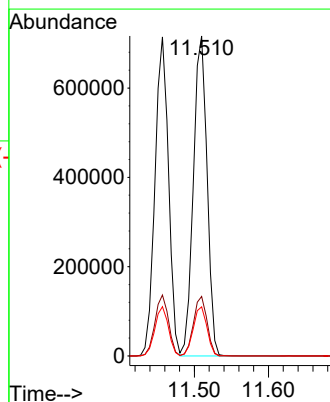
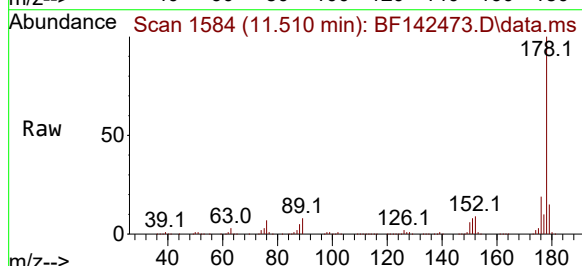
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

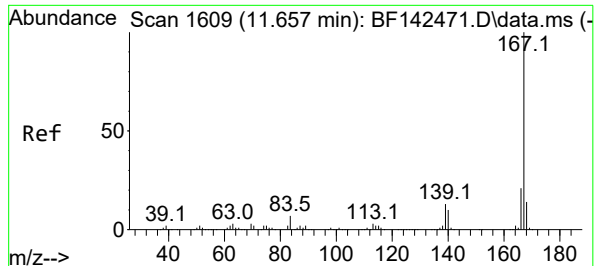
Tgt Ion:178 Resp: 905073
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 57.627 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:178 Resp: 918369
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.3 12.4 18.6

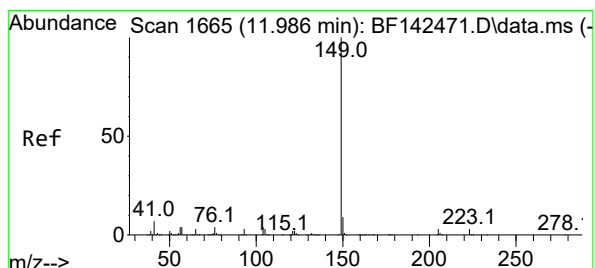
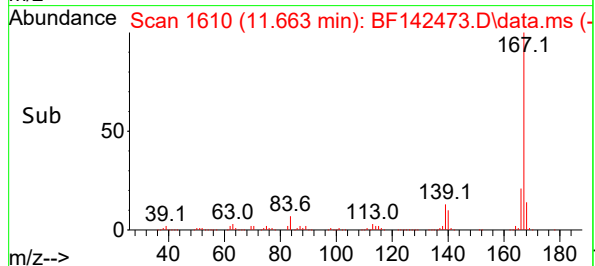
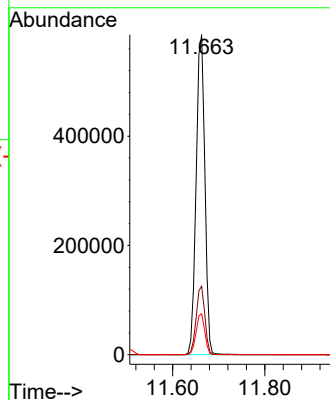
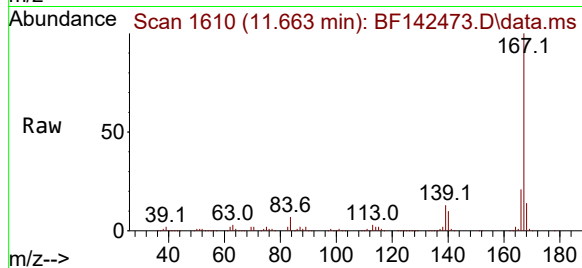




#73
Carbazole
Concen: 56.455 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

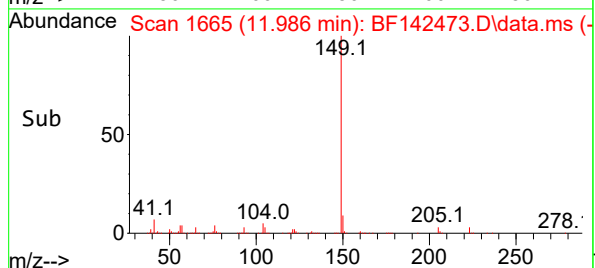
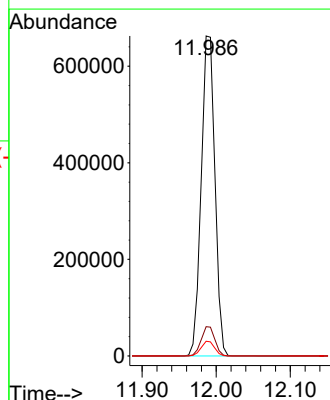
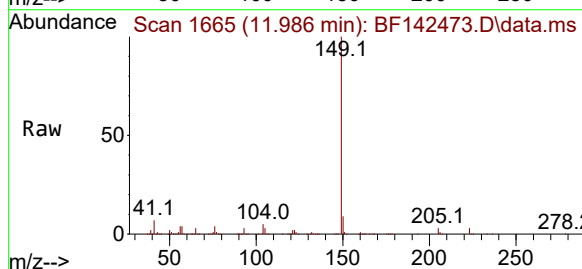
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

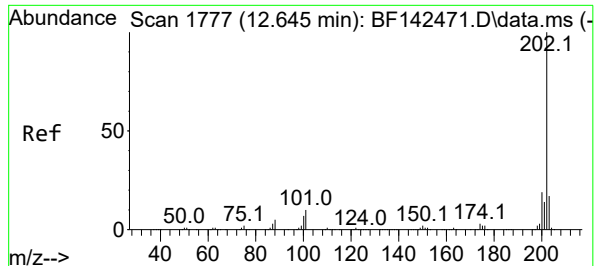
Tgt Ion:167 Resp: 769151
Ion Ratio Lower Upper
167 100
166 21.4 16.9 25.3
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 57.234 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 853524
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.6 3.6 5.4

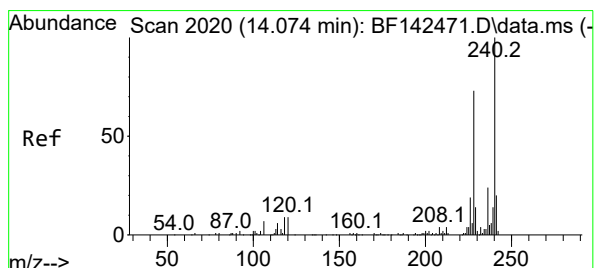
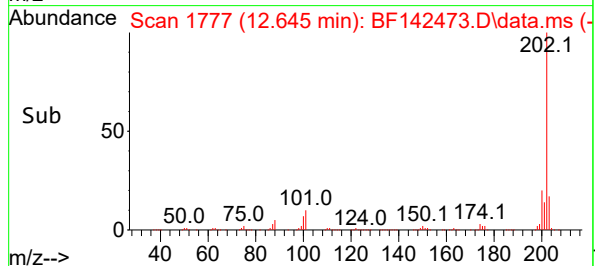
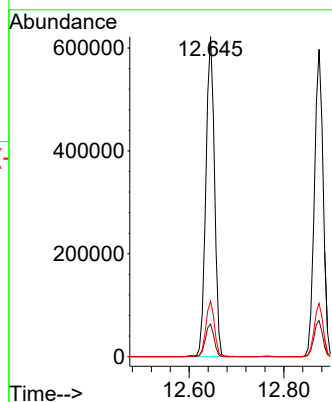
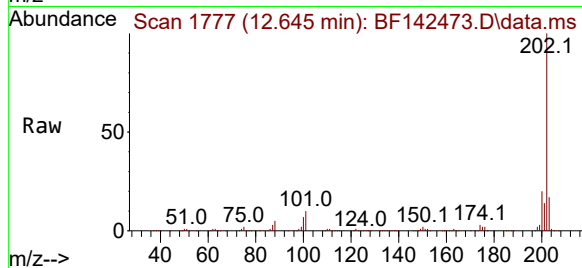




#75
Fluoranthene
Concen: 54.112 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

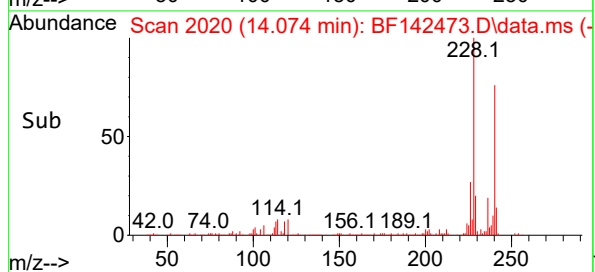
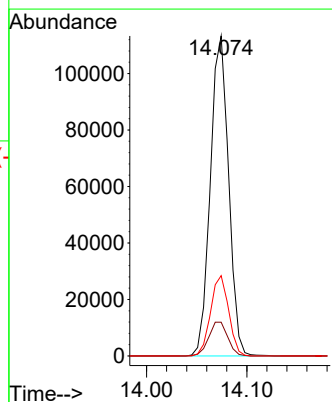
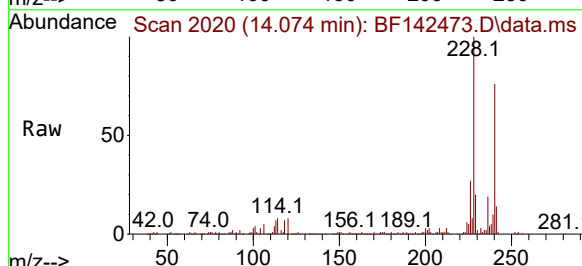
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

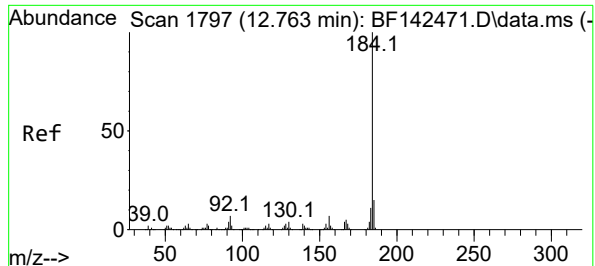
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.3	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.5	11.3
236	25.1	19.6	29.4

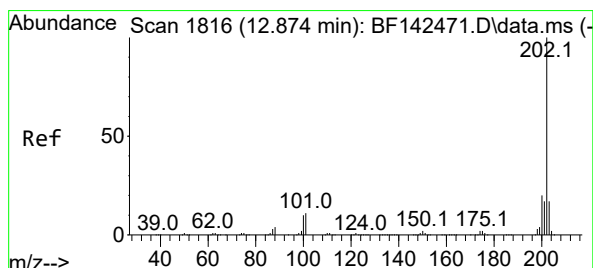
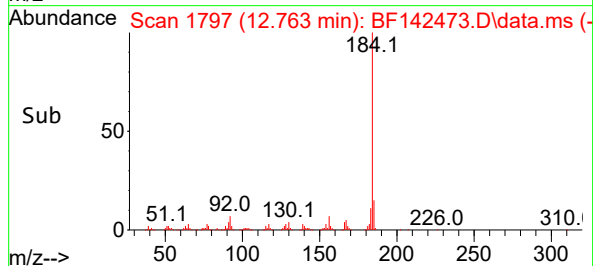
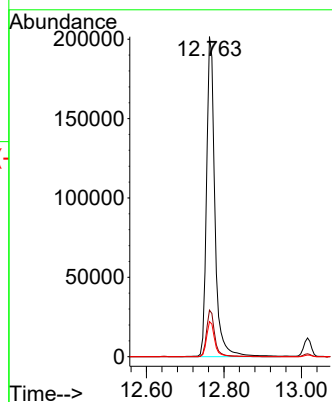
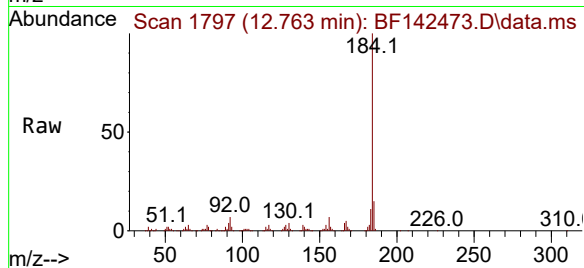




#77
Benzidine
Concen: 56.251 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

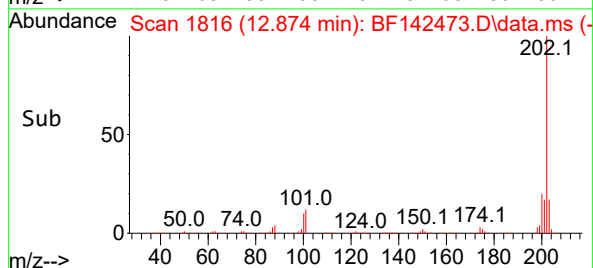
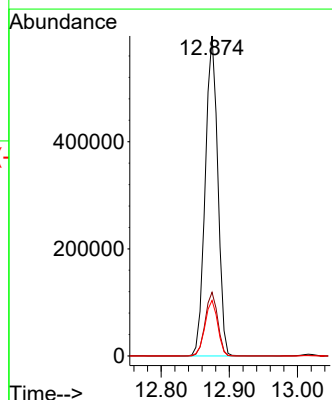
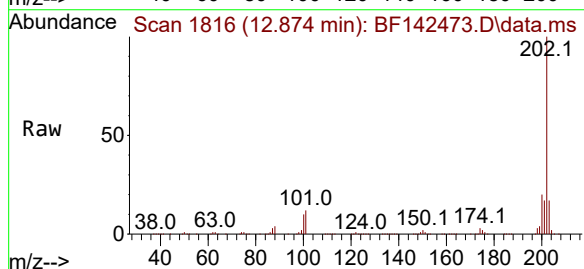
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

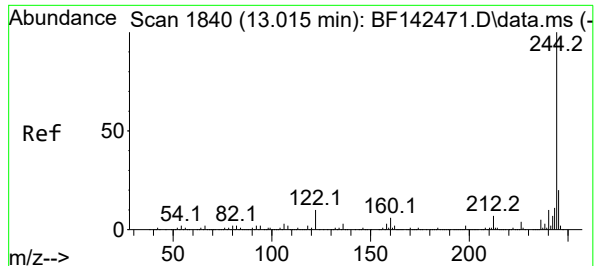
Tgt Ion:184 Resp: 300547
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 57.017 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:202 Resp: 763672
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 109.634 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

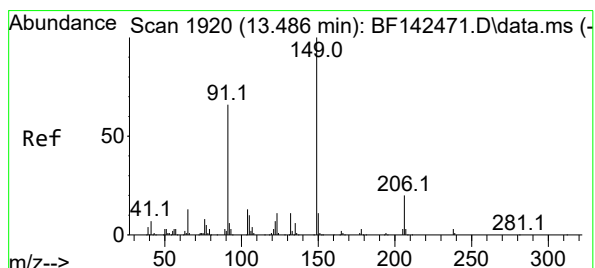
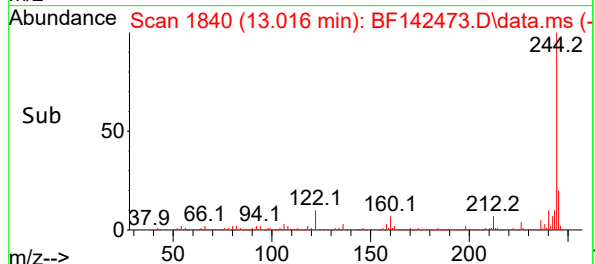
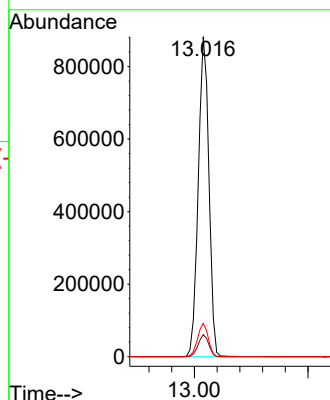
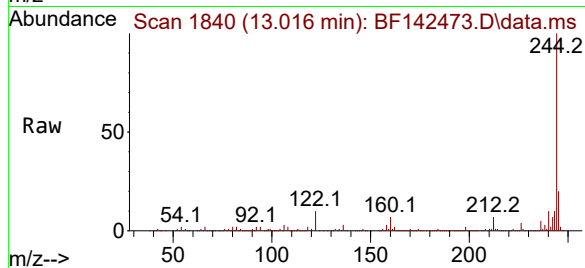
Tgt Ion:244 Resp: 1151893

Ion Ratio Lower Upper

244 100

212 6.9 5.3 7.9

122 10.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 63.972 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

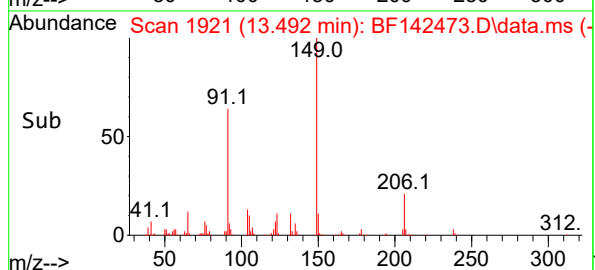
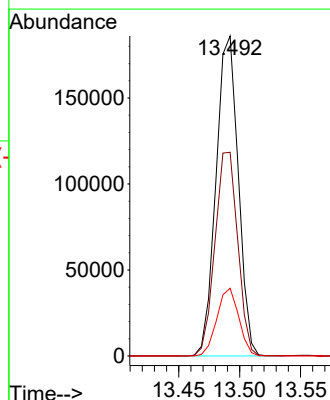
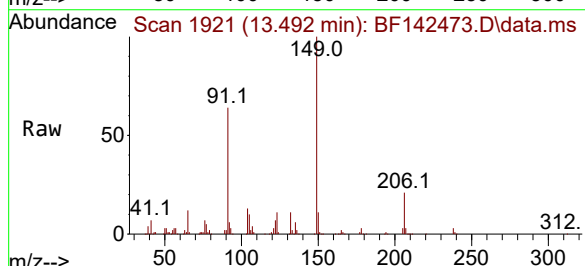
Tgt Ion:149 Resp: 236758

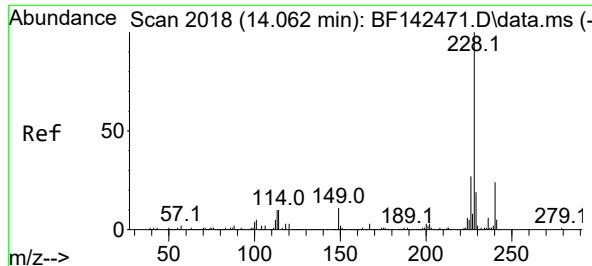
Ion Ratio Lower Upper

149 100

91 63.7 52.9 79.3

206 21.2 16.2 24.2

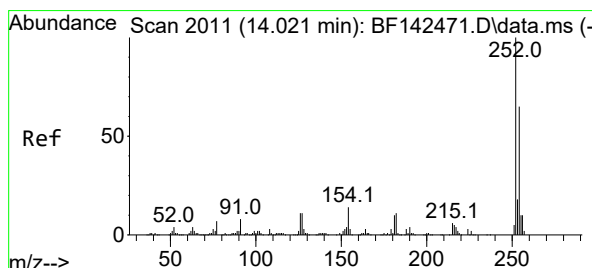
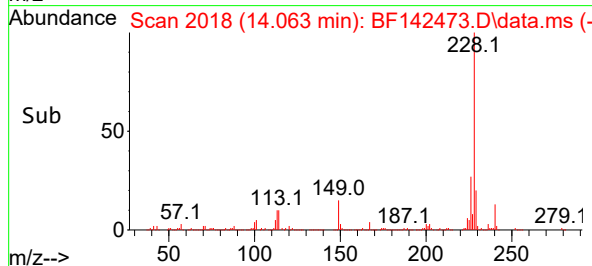
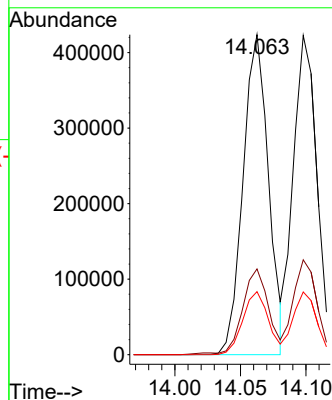
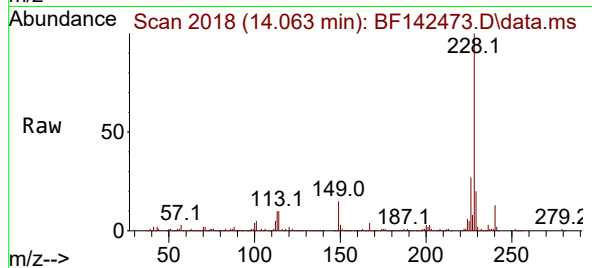




#81
Benzo(a)anthracene
Concen: 59.620 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

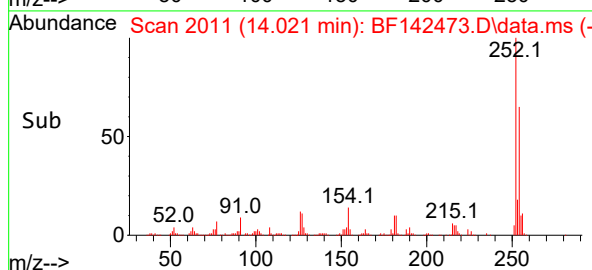
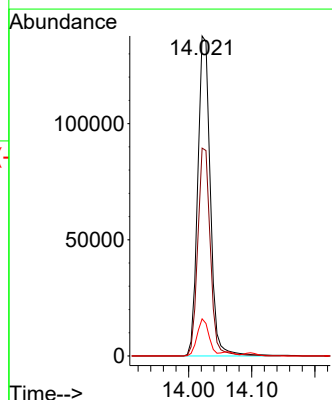
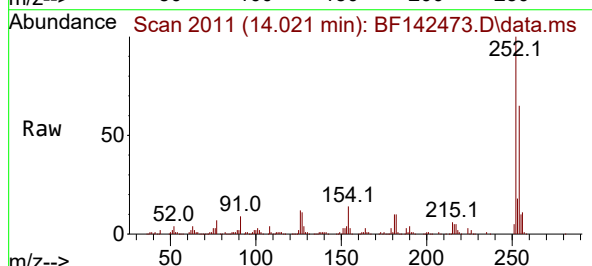
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

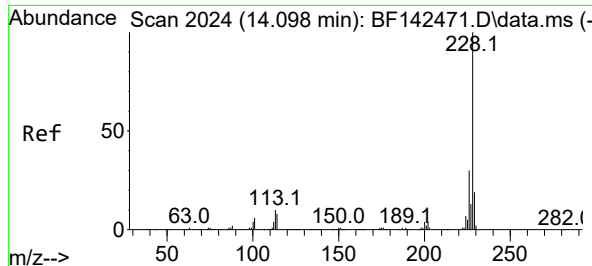
Tgt Ion:228 Resp: 571607
Ion Ratio Lower Upper
228 100
226 26.8 21.2 31.8
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 65.480 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:252 Resp: 190415
Ion Ratio Lower Upper
252 100
254 64.9 52.0 78.0
126 11.6 8.9 13.3





#83

Chrysene

Concen: 61.153 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

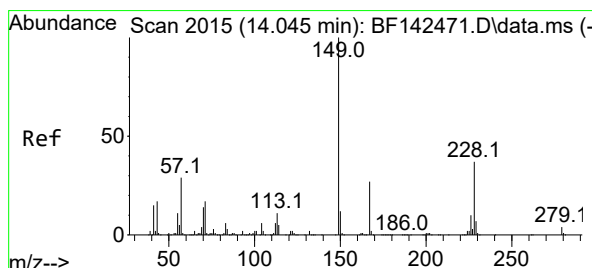
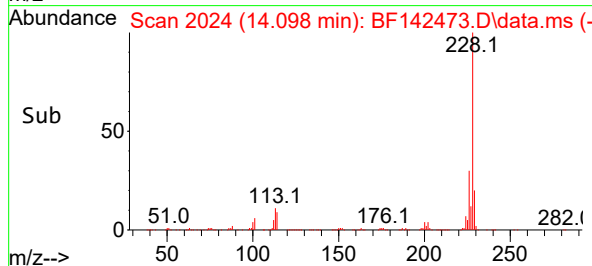
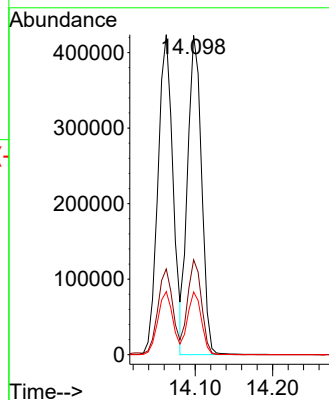
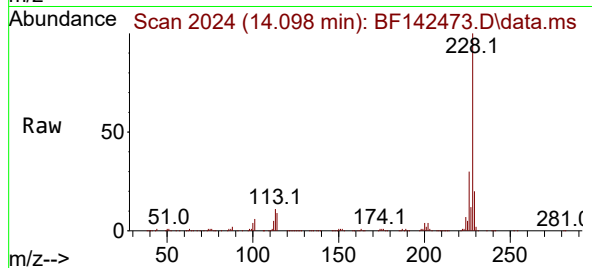
Tgt Ion:228 Resp: 526831

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.698 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

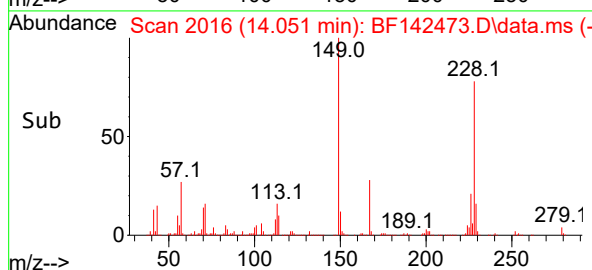
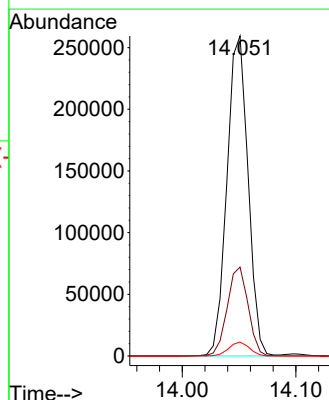
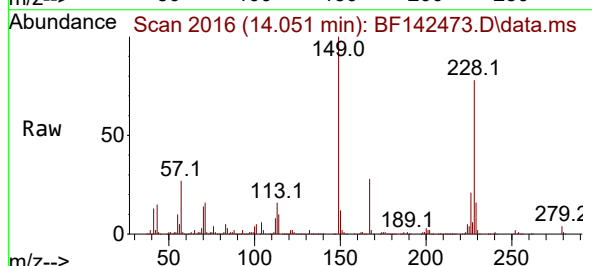
Tgt Ion:149 Resp: 334950

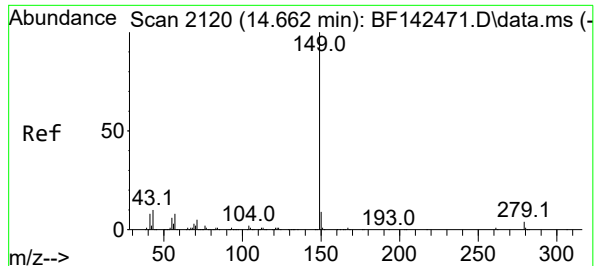
Ion Ratio Lower Upper

149 100

167 27.8 21.5 32.3

279 4.4 3.2 4.8

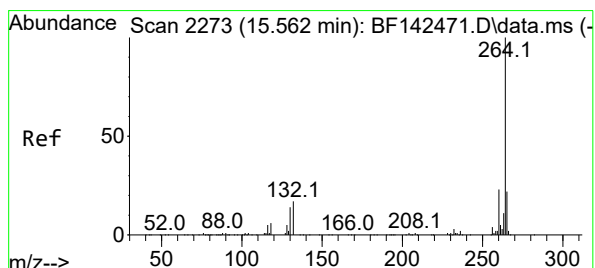
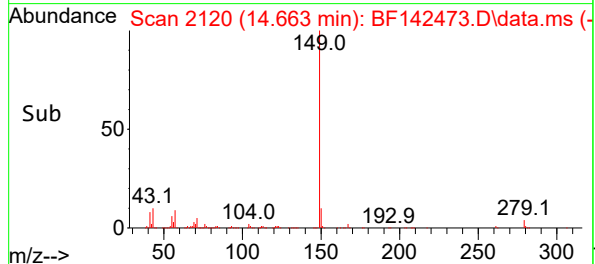
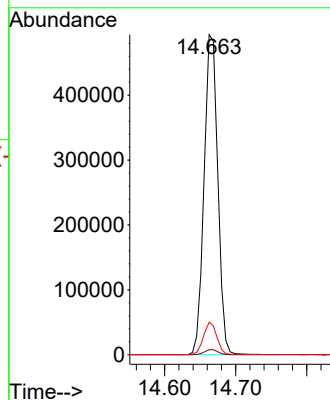
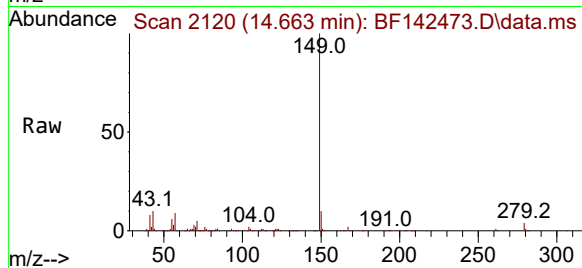




#85
Di-n-octyl phthalate
Concen: 71.701 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

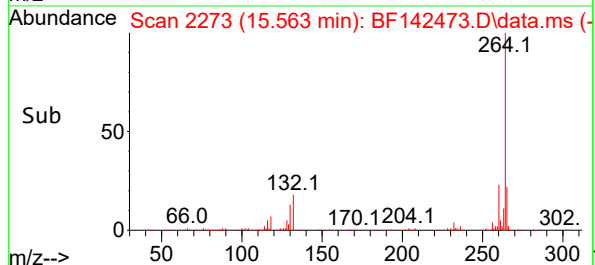
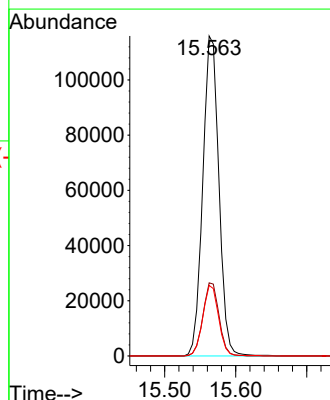
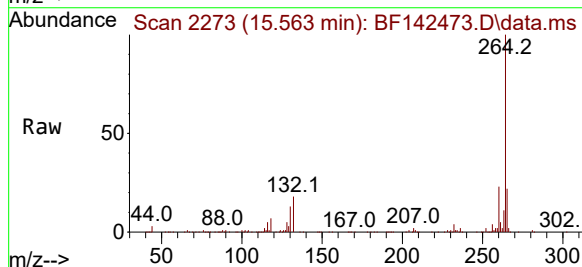
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

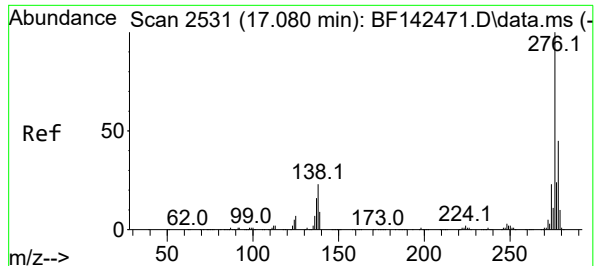
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	22.0	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.761 ng

RT: 17.086 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

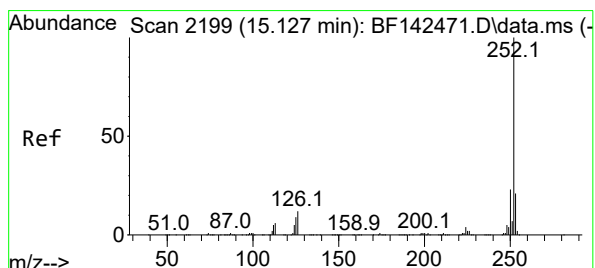
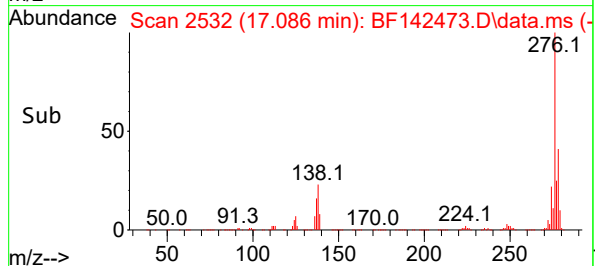
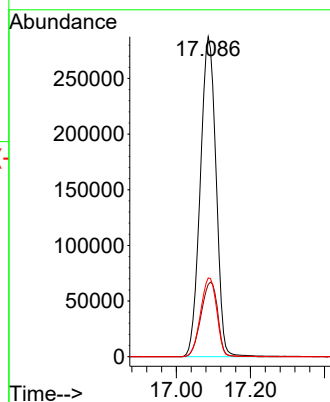
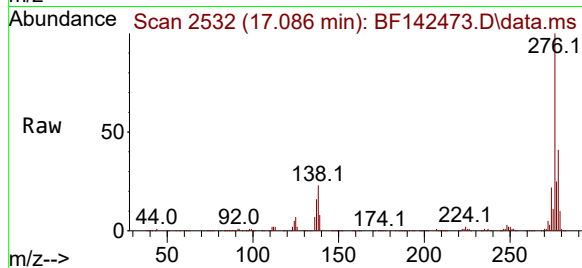
Tgt Ion:276 Resp: 848752

Ion Ratio Lower Upper

276 100

138 24.6 19.9 29.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 56.878 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

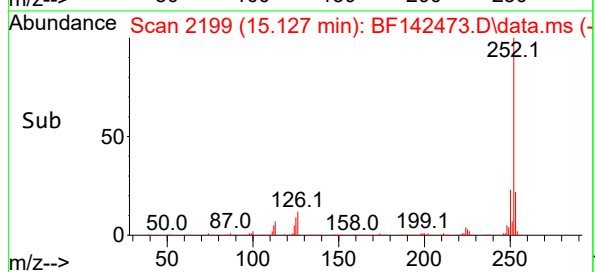
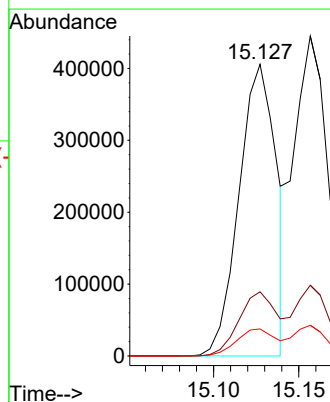
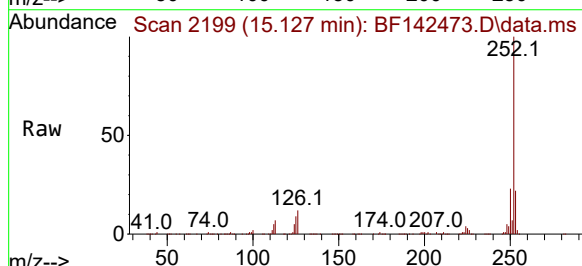
Tgt Ion:252 Resp: 616210

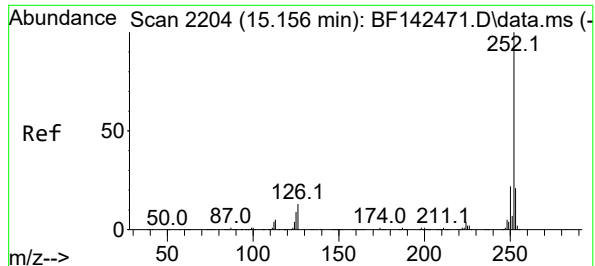
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 61.068 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

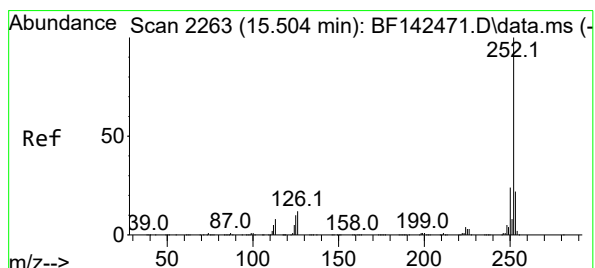
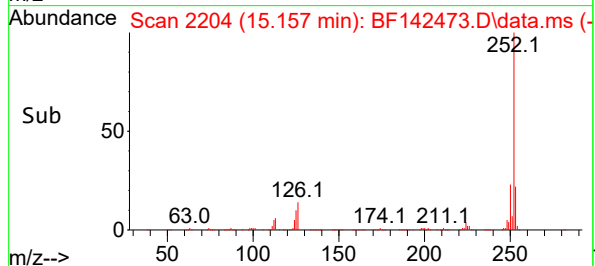
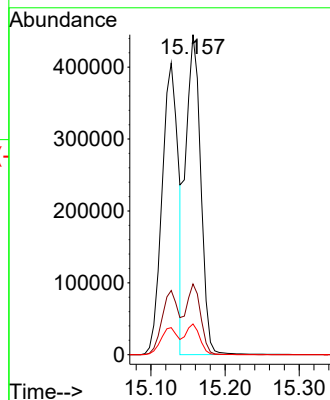
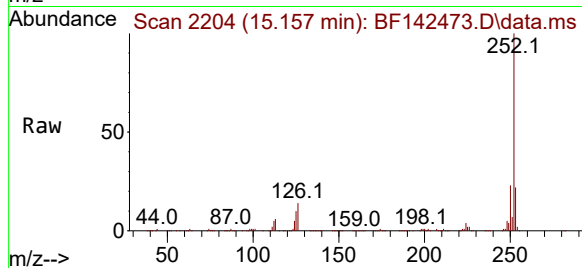
Tgt Ion:252 Resp: 619660

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.6 7.3 10.9



#90

Benzo(a)pyrene

Concen: 60.943 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142473.D

Acq: 20 May 2025 15:03

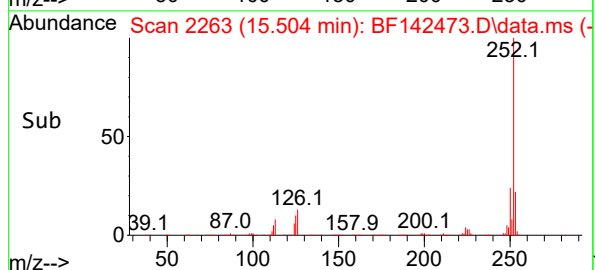
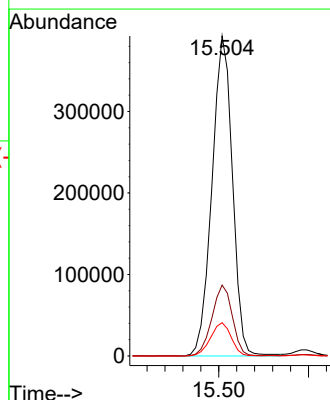
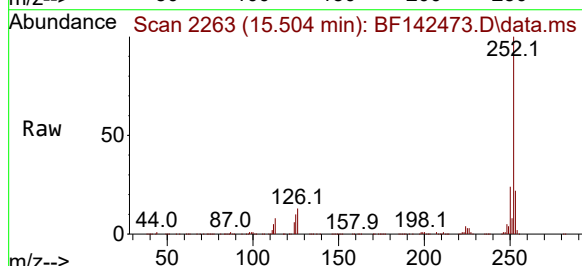
Tgt Ion:252 Resp: 622347

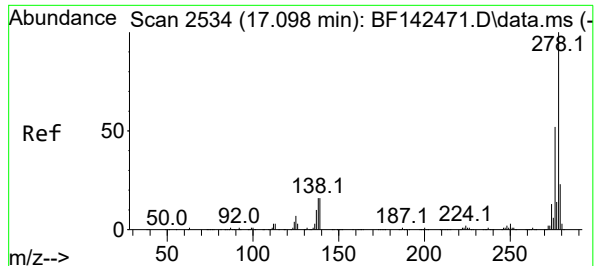
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.4 7.9 11.9

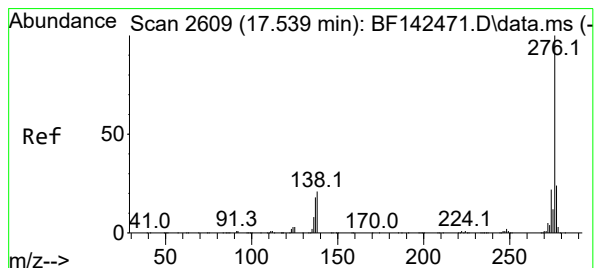
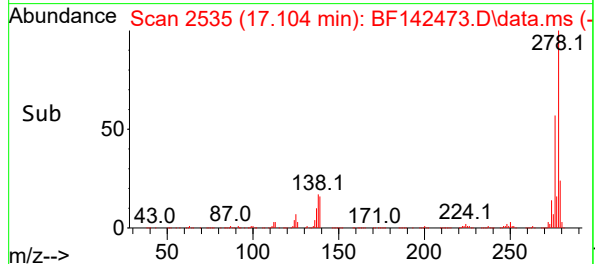
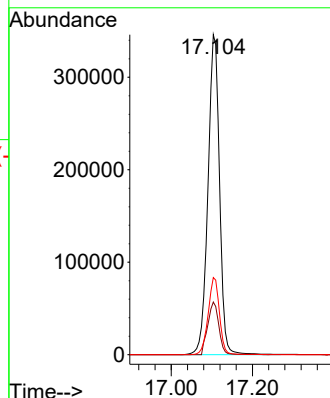
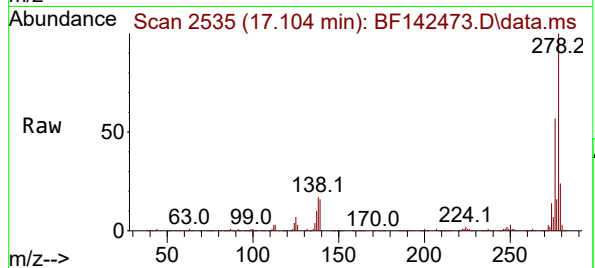




#91
Dibenzo(a,h)anthracene
Concen: 61.321 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

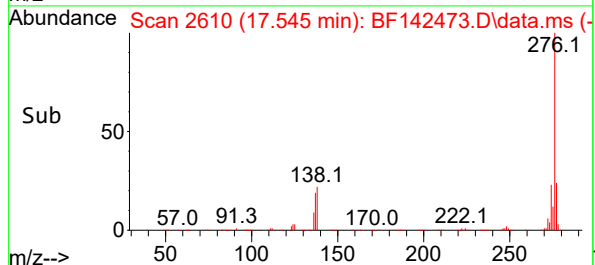
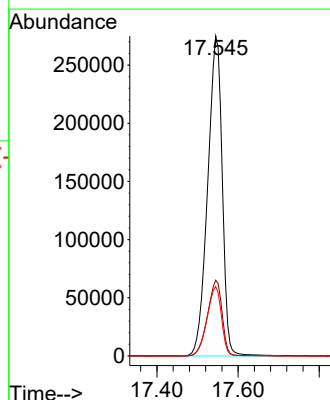
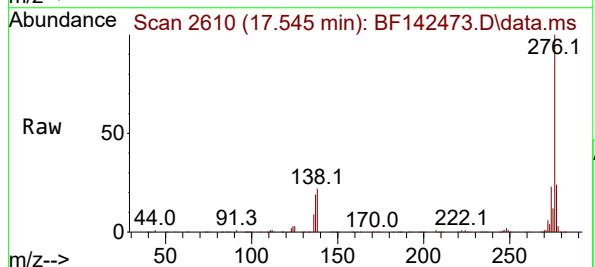
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 683473
Ion Ratio Lower Upper
278 100
139 16.5 12.8 19.2
279 24.1 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 61.313 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:276 Resp: 683528
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 21.7 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142474.D
 Acq On : 20 May 2025 15:31
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: May 20 16:55:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	92899	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	358380	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	188198	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	287337	20.000	ng	0.00
76) Chrysene-d12	14.074	240	154555	20.000	ng	0.00
86) Perylene-d12	15.568	264	196342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	815861	147.959	ng	0.00
7) Phenol-d6	6.534	99	986649	148.644	ng	0.00
23) Nitrobenzene-d5	7.475	82	993768	151.205	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	304807	145.927	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1908541	136.080	ng	0.00
79) Terphenyl-d14	13.015	244	1392704	123.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	169363	76.756	ng	100
3) Pyridine	3.440	79	442247	78.706	ng	98
4) n-Nitrosodimethylamine	3.404	42	230814	79.114	ng	97
6) Aniline	6.569	93	671713	75.263	ng	99
8) 2-Chlorophenol	6.686	128	454577	75.687	ng	98
9) Benzaldehyde	6.451	77	219574	54.999	ng	97
10) Phenol	6.551	94	552574	73.985	ng	87
11) bis(2-Chloroethyl)ether	6.639	93	410501	76.354	ng	100
12) 1,3-Dichlorobenzene	6.845	146	489261	73.004	ng	100
13) 1,4-Dichlorobenzene	6.922	146	495948	73.465	ng	99
14) 1,2-Dichlorobenzene	7.075	146	477210	73.875	ng	100
15) Benzyl Alcohol	7.045	79	381381	77.750	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	663576	73.497	ng	99
17) 2-Methylphenol	7.151	107	358569	76.467	ng	99
18) Hexachloroethane	7.416	117	177426	75.267	ng	98
19) n-Nitroso-di-n-propyla...	7.328	70	304362	73.987	ng	97
20) 3+4-Methylphenols	7.310	107	426933	71.097	ng	94
22) Acetophenone	7.316	105	571777	72.072	ng	# 95
24) Nitrobenzene	7.492	77	452330	76.309	ng	98
25) Isophorone	7.733	82	838652	76.321	ng	99
26) 2-Nitrophenol	7.804	139	248427	78.434	ng	99
27) 2,4-Dimethylphenol	7.839	122	422403	75.623	ng	99
28) bis(2-Chloroethoxy)met...	7.939	93	513063	74.744	ng	98
29) 2,4-Dichlorophenol	8.045	162	381590	75.121	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	406857	73.801	ng	98
31) Naphthalene	8.210	128	1277048	72.369	ng	99
32) Benzoic acid	7.975	122	288731	84.918	ng	99
33) 4-Chloroaniline	8.257	127	492168	68.830	ng	100
34) Hexachlorobutadiene	8.328	225	252445	73.338	ng	98
35) Caprolactam	8.645	113	109232	76.565	ng	100
36) 4-Chloro-3-methylphenol	8.739	107	388740	74.674	ng	99
37) 2-Methylnaphthalene	8.898	142	796463	71.742	ng	100
38) 1-Methylnaphthalene	8.998	142	811747	70.689	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	409177	75.740	ng	100
41) Hexachlorocyclopentadiene	9.051	237	309537	84.936	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	285072	78.254	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142474.D
 Acq On : 20 May 2025 15:31
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

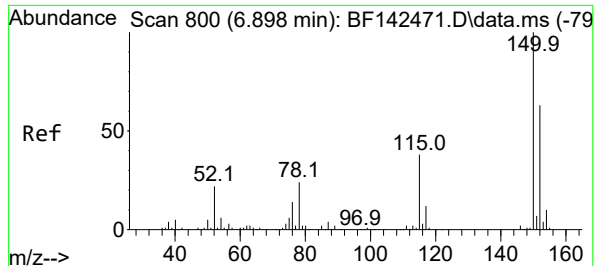
Quant Time: May 20 16:55:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	287041	74.712	ng	99
46) 1,1'-Biphenyl	9.369	154	1059787	72.584	ng	100
47) 2-Chloronaphthalene	9.392	162	798539	74.024	ng	99
48) 2-Nitroaniline	9.486	65	241162	77.343	ng	99
49) Acenaphthylene	9.810	152	1313668	72.118	ng	99
50) Dimethylphthalate	9.669	163	911534	73.405	ng	100
51) 2,6-Dinitrotoluene	9.727	165	201545	75.198	ng	96
52) Acenaphthene	9.980	154	810811	72.896	ng	100
53) 3-Nitroaniline	9.898	138	216422	73.930	ng	100
54) 2,4-Dinitrophenol	10.004	184	119082	85.999	ng	94
55) Dibenzofuran	10.151	168	1136276	70.990	ng	99
56) 4-Nitrophenol	10.051	139	165537	76.638	ng	99
57) 2,4-Dinitrotoluene	10.133	165	259035	74.005	ng	99
58) Fluorene	10.498	166	857882	69.377	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	238382	74.324	ng	99
60) Diethylphthalate	10.369	149	858326	70.773	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	426386	70.193	ng	99
62) 4-Nitroaniline	10.516	138	188782	71.105	ng	98
63) Azobenzene	10.645	77	794029	72.893	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	141863	88.468	ng	99
66) n-Nitrosodiphenylamine	10.604	169	758366	77.145	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	264739	77.920	ng	98
68) Hexachlorobenzene	11.045	284	287676	76.555	ng	98
69) Atrazine	11.127	200	199929	76.581	ng	99
70) Pentachlorophenol	11.233	266	177504	83.666	ng	99
71) Phenanthrene	11.457	178	1107683	72.134	ng	100
72) Anthracene	11.510	178	1144182	73.009	ng	99
73) Carbazole	11.663	167	956069	71.360	ng	99
74) Di-n-butylphthalate	11.992	149	1043468	71.153	ng	100
75) Fluoranthene	12.645	202	972105	67.750	ng	99
77) Benzidine	12.763	184	343909	59.795	ng	100
78) Pyrene	12.874	202	931844	64.632	ng	100
80) Butylbenzylphthalate	13.492	149	319716	80.252	ng	98
81) Benzo(a)anthracene	14.062	228	765441	74.167	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	257542	82.274	ng	99
83) Chrysene	14.104	228	715970	77.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	449654	88.168	ng	99
85) Di-n-octyl phthalate	14.668	149	888230	89.073	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	1126401	76.417	ng	100
88) Benzo(b)fluoranthene	15.127	252	874640	75.267	ng	98
89) Benzo(k)fluoranthene	15.162	252	803775	73.850	ng	99
90) Benzo(a)pyrene	15.509	252	833783	76.121	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	902757	75.513	ng	99
92) Benzo(g,h,i)perylene	17.556	276	909649	76.073	ng	99

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

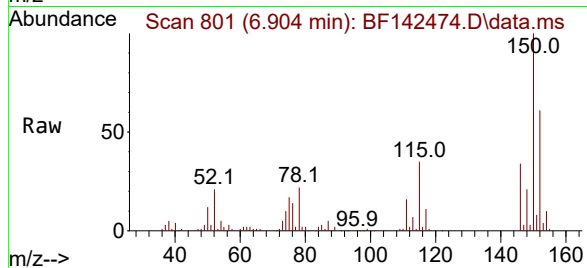
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

[illegible]

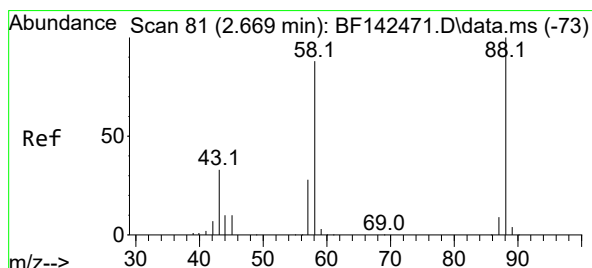
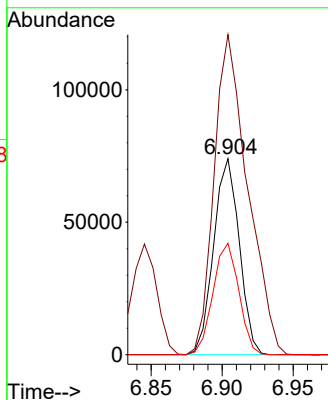
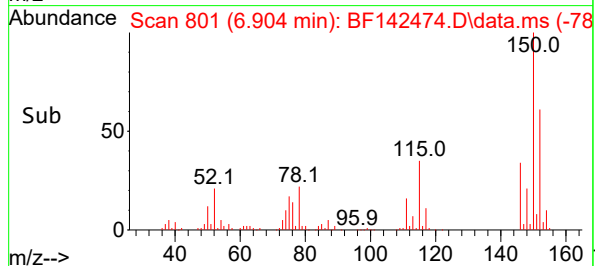


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

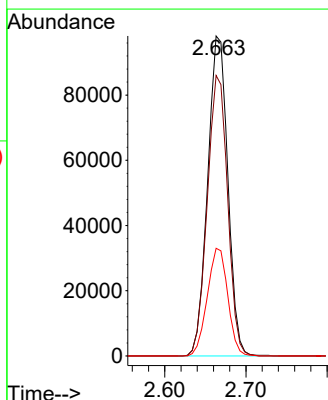
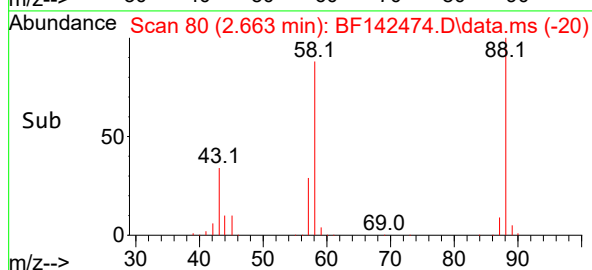
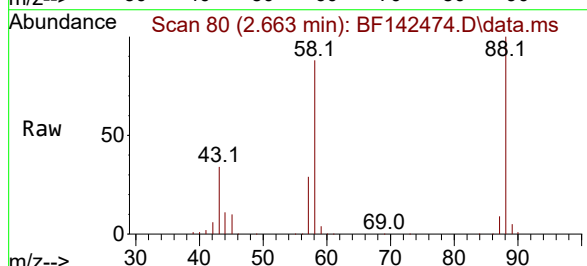


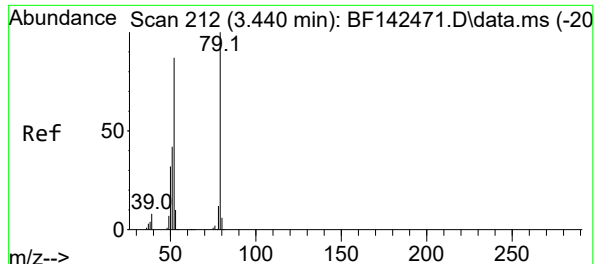
Tgt Ion:152 Resp: 92899
Ion Ratio Lower Upper
152 100
150 163.3 128.2 192.4
115 56.9 48.3 72.5



#2
1,4-Dioxane
Concen: 76.756 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 88 Resp: 169363
Ion Ratio Lower Upper
88 100
58 88.4 70.8 106.2
43 34.1 26.6 40.0

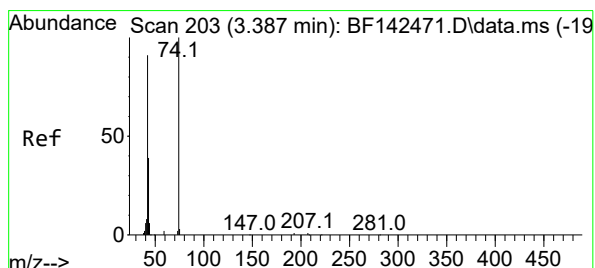
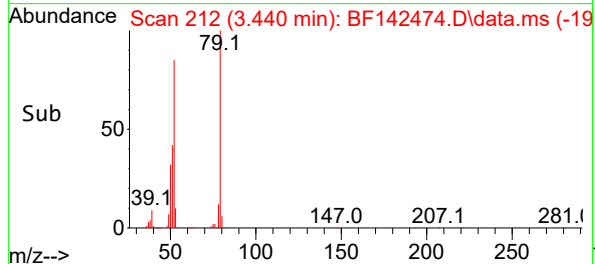
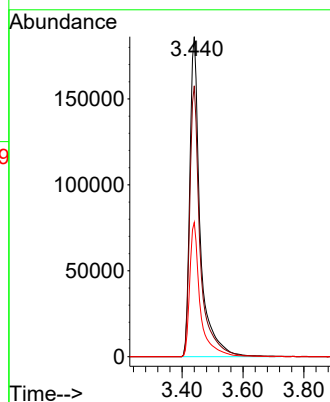
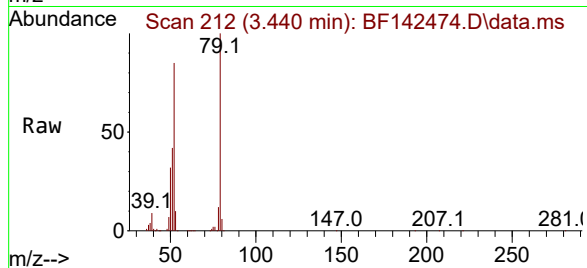




#3
Pyridine
Concen: 78.706 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

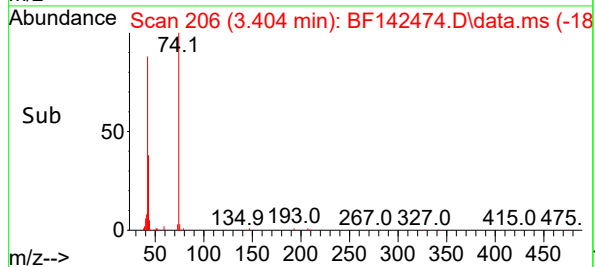
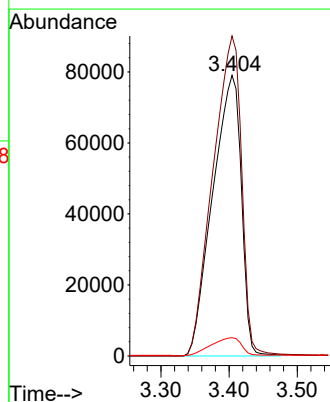
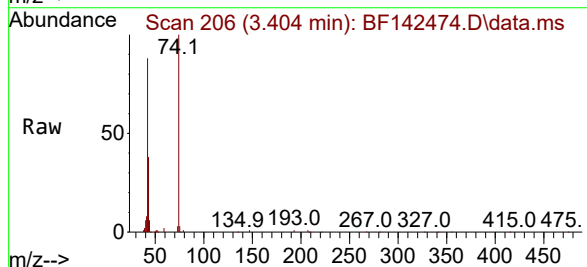
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

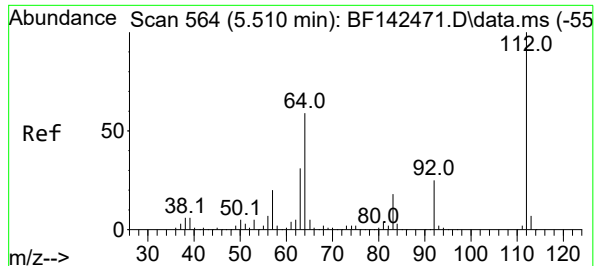
Tgt Ion: 79 Resp: 442247
Ion Ratio Lower Upper
79 100
52 84.6 69.2 103.8
51 42.0 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 79.114 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 42 Resp: 230814
Ion Ratio Lower Upper
42 100
74 114.0 88.2 132.4
44 6.5 5.4 8.2

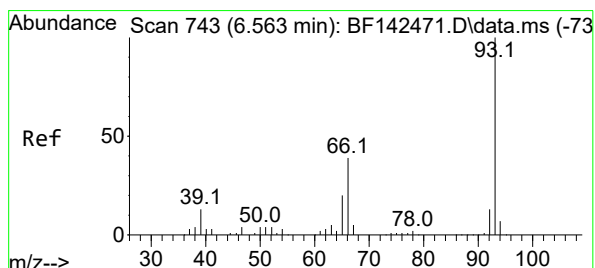
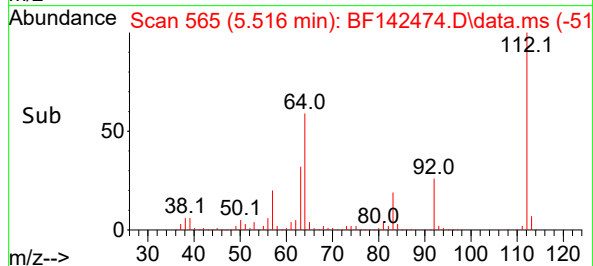
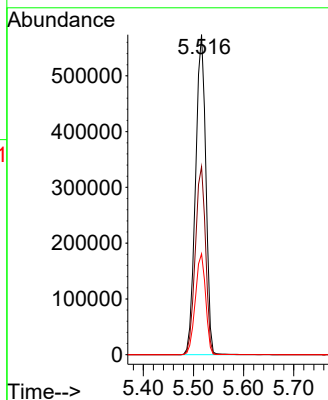
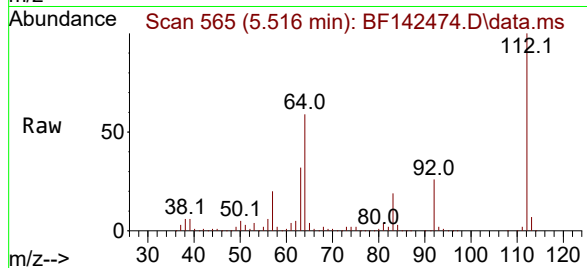




#5
2-Fluorophenol
Concen: 147.959 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

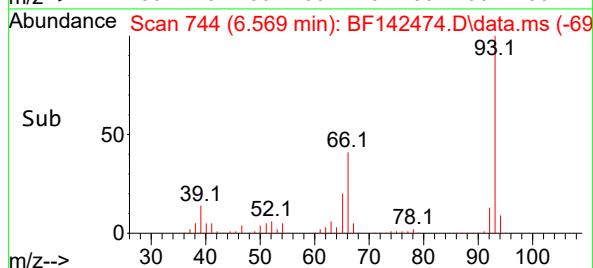
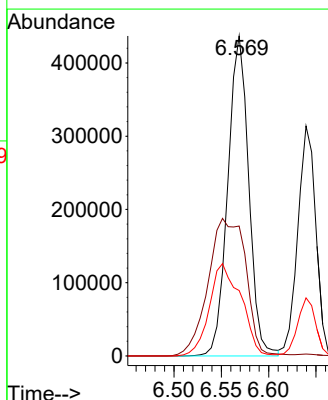
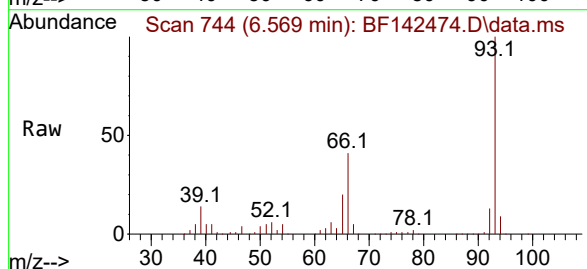
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

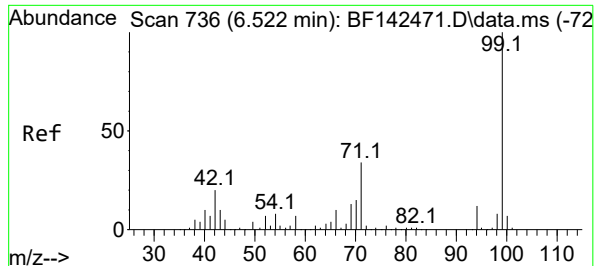
Tgt Ion:112 Resp: 815861
Ion Ratio Lower Upper
112 100
64 58.7 47.5 71.3
63 31.5 24.9 37.3



#6
Aniline
Concen: 75.263 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 93 Resp: 671713
Ion Ratio Lower Upper
93 100
66 40.6 32.0 48.0
65 20.5 16.1 24.1





#7

Phenol-d6

Concen: 148.644 ng

RT: 6.534 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

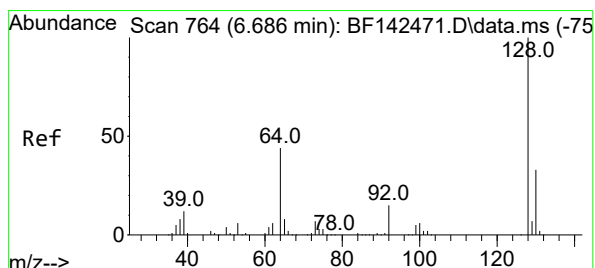
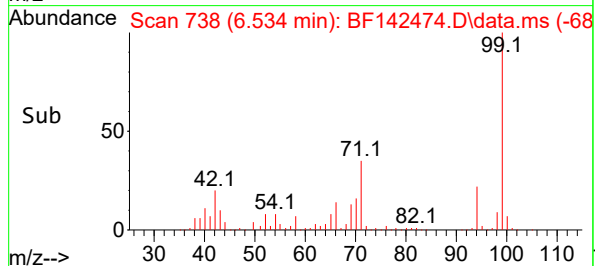
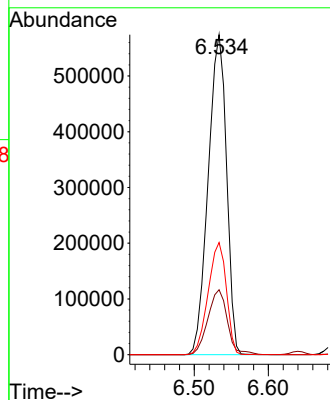
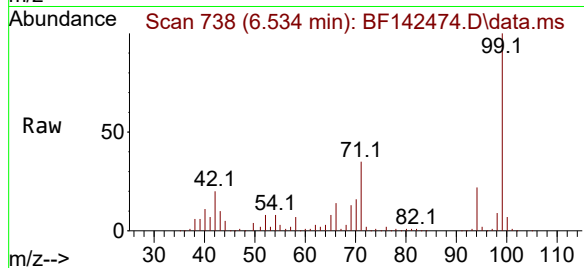
Tgt Ion: 99 Resp: 986649

Ion Ratio Lower Upper

99 100

42 20.3 16.2 24.2

71 35.1 27.3 40.9



#8

2-Chlorophenol

Concen: 75.687 ng

RT: 6.686 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

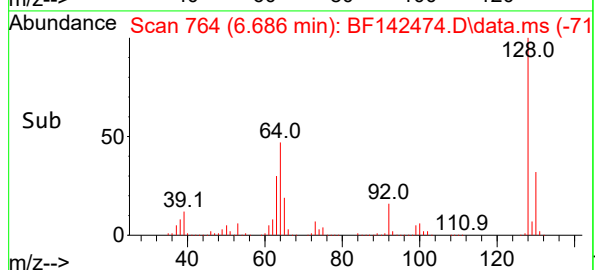
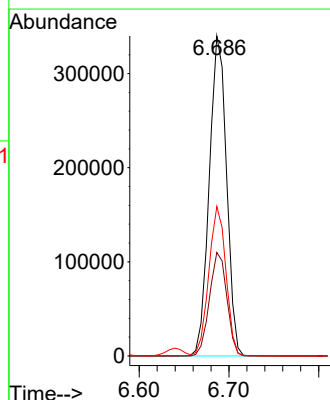
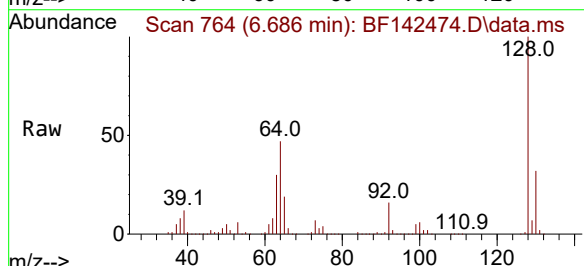
Tgt Ion:128 Resp: 454577

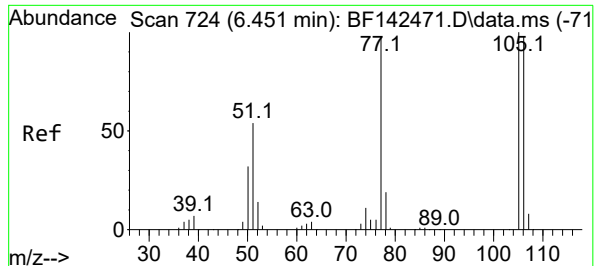
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 46.7 25.1 65.1

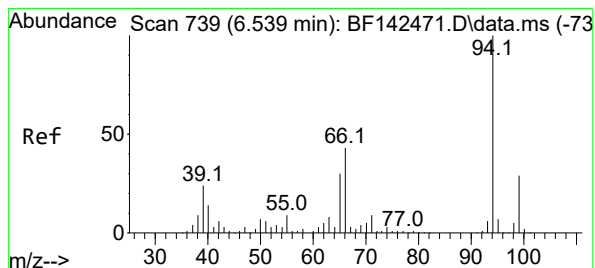
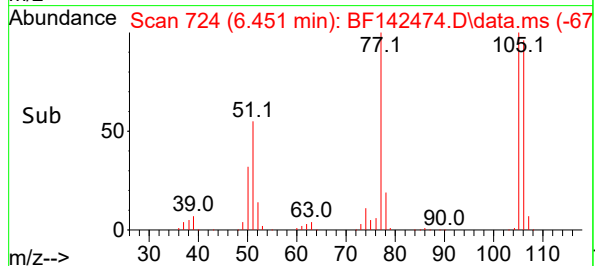
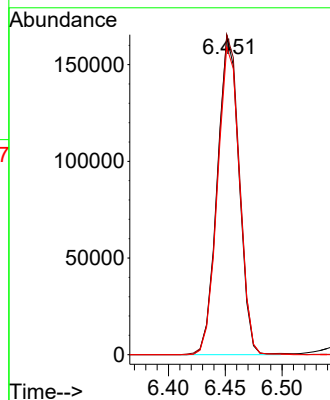
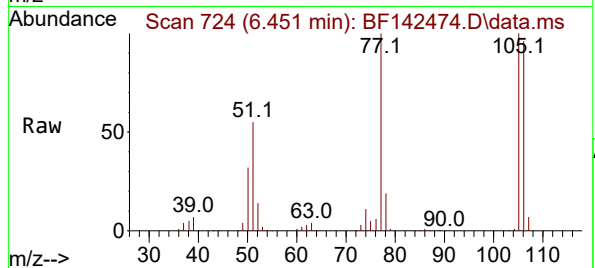




#9
Benzaldehyde
Concen: 54.999 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

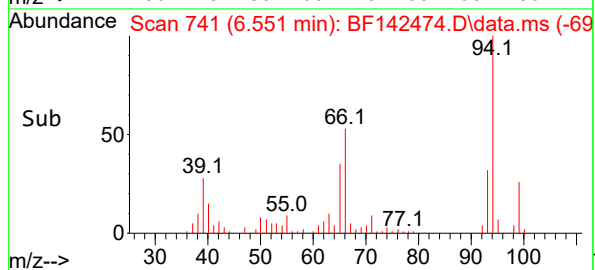
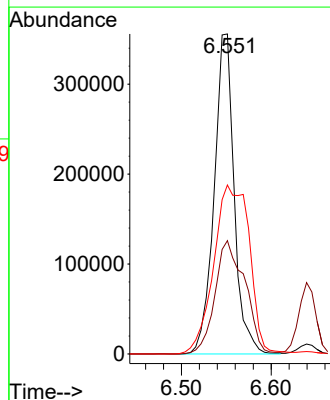
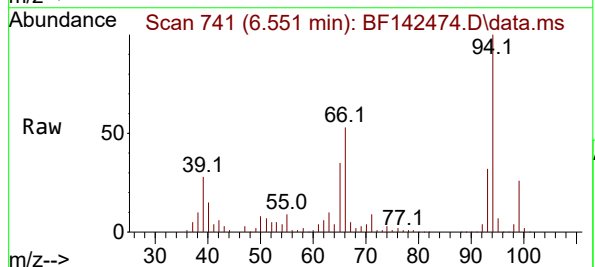
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

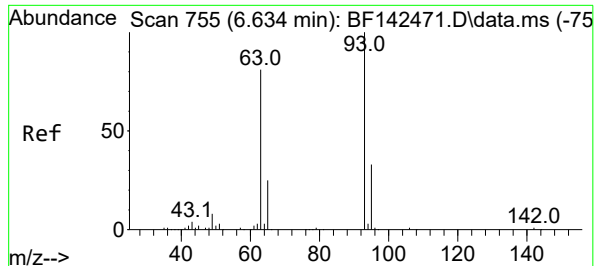
Tgt Ion: 77 Resp: 219574
Ion Ratio Lower Upper
77 100
105 100.3 82.5 122.5
106 96.4 80.0 120.0



#10
Phenol
Concen: 73.985 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 94 Resp: 552574
Ion Ratio Lower Upper
94 100
65 35.4 10.3 50.3
66 52.8 22.6 62.6

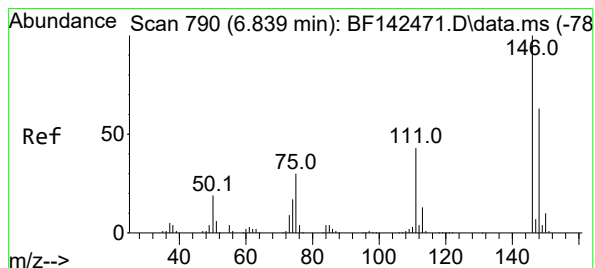
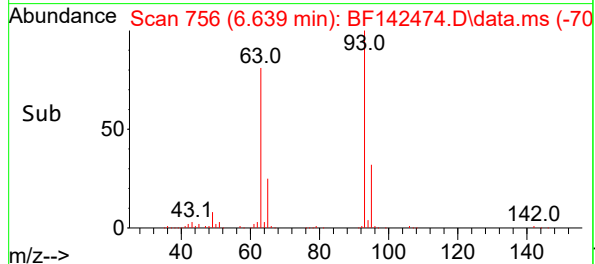
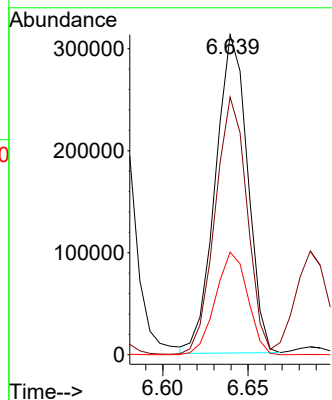
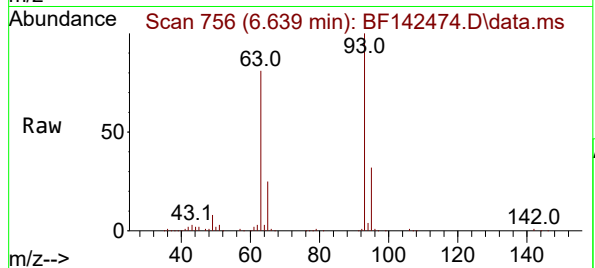




#11
bis(2-Chloroethyl)ether
Concen: 76.354 ng
RT: 6.639 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

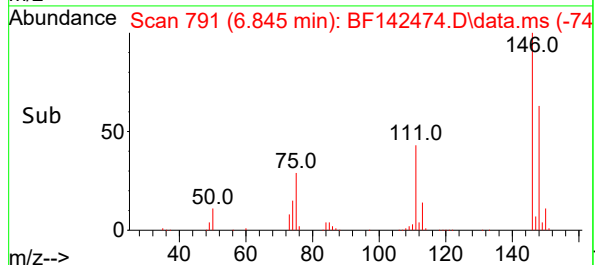
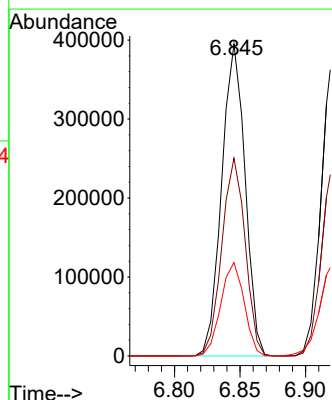
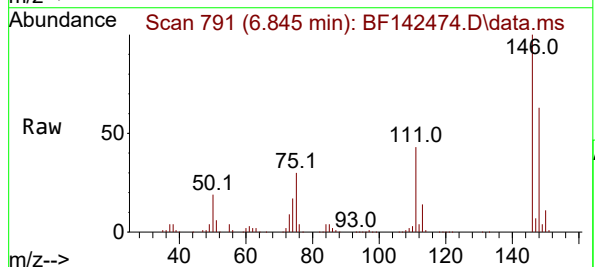
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

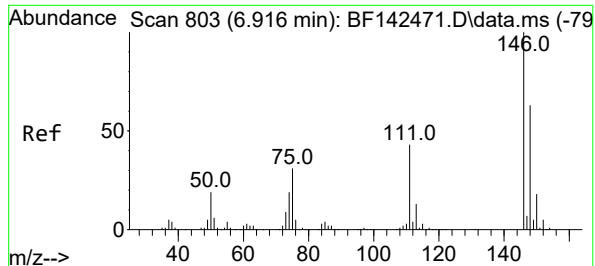
Tgt Ion: 93 Resp: 410501
Ion Ratio Lower Upper
93 100
63 80.5 60.2 100.2
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 73.004 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 146 Resp: 489261
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
75 30.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 73.465 ng

RT: 6.922 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

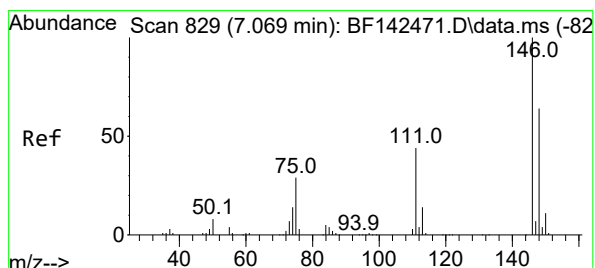
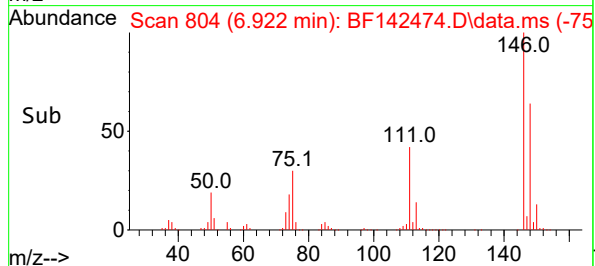
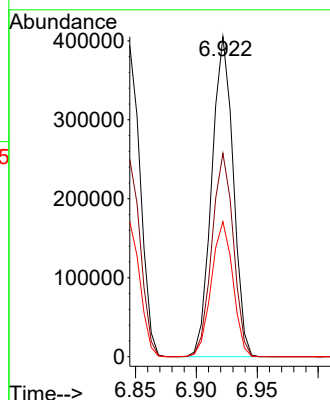
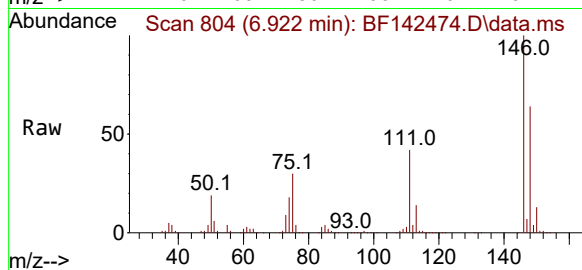
Tgt Ion:146 Resp: 495948

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 42.2 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 73.875 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

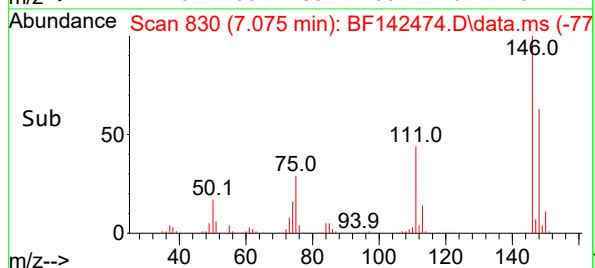
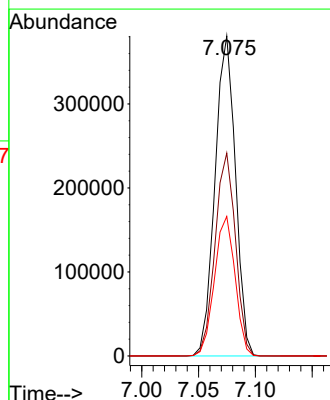
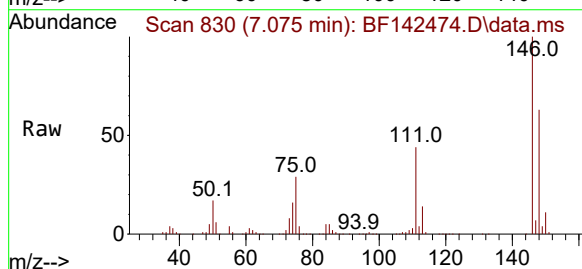
Tgt Ion:146 Resp: 477210

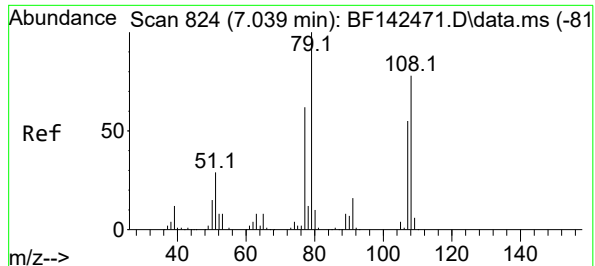
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.4

111 43.6 35.0 52.6





#15

Benzyl Alcohol

Concen: 77.750 ng

RT: 7.045 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

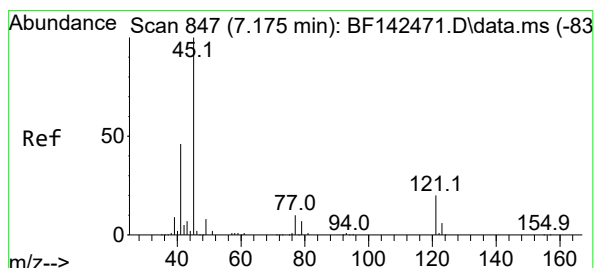
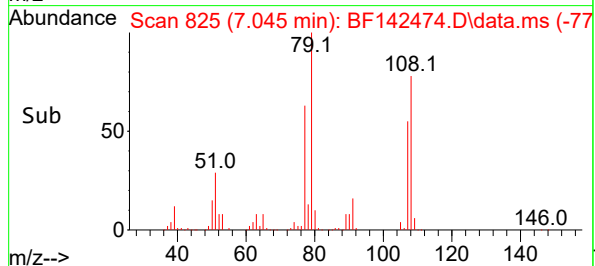
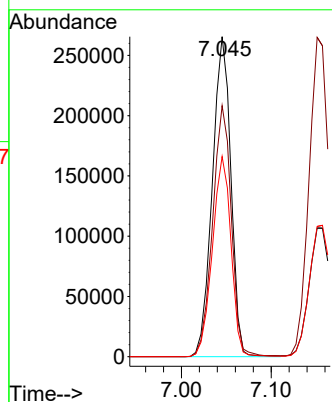
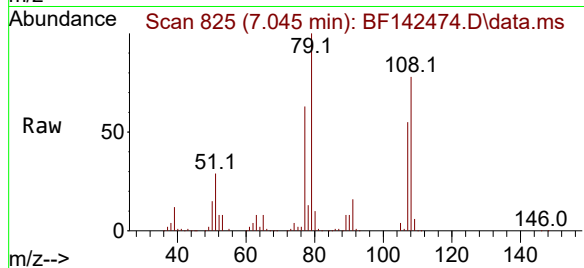
Tgt Ion: 79 Resp: 381381

Ion Ratio Lower Upper

79 100

108 78.5 62.1 93.1

77 62.5 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.497 ng

RT: 7.181 min Scan# 848

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

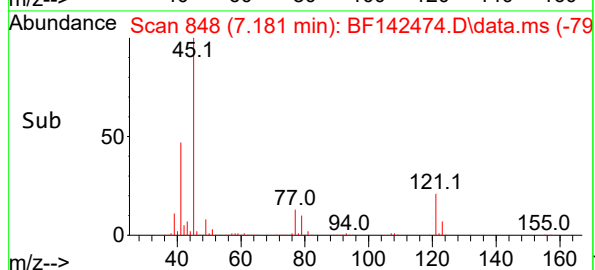
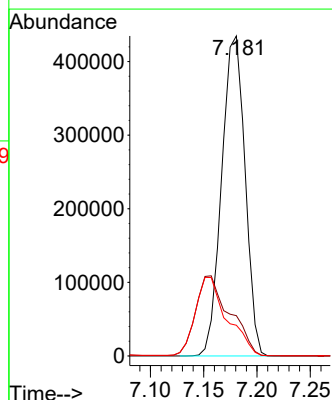
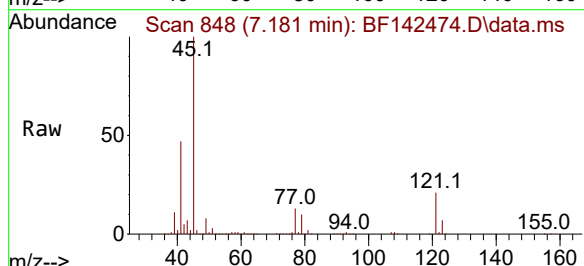
Tgt Ion: 45 Resp: 663576

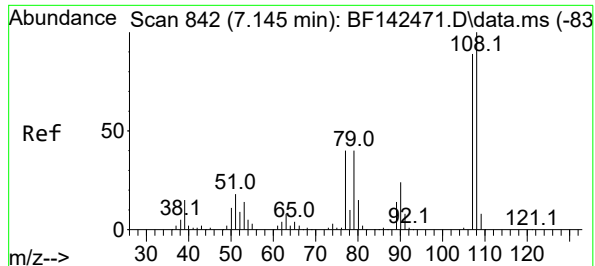
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.0

79 9.6 0.0 29.2

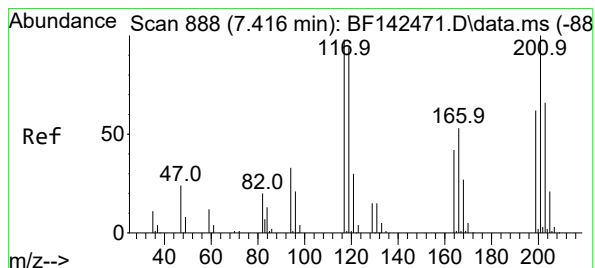
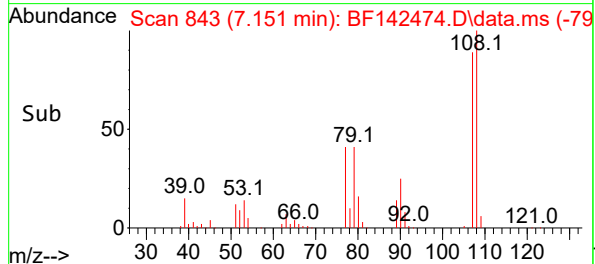
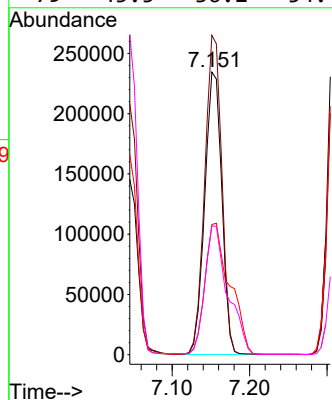
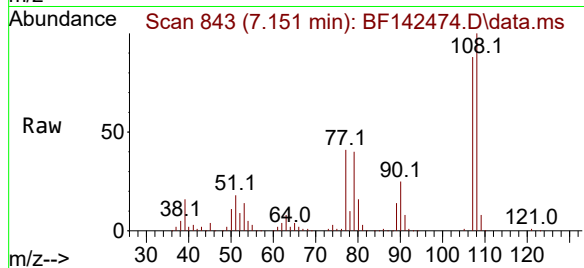




#17
2-Methylphenol
Concen: 76.467 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

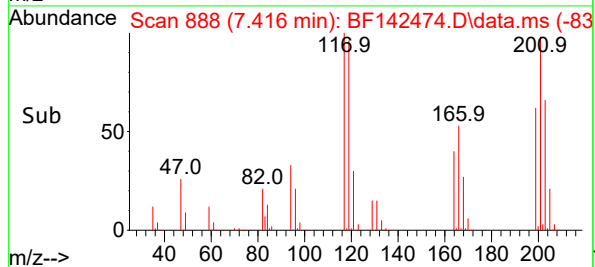
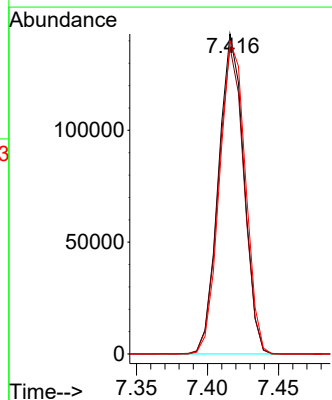
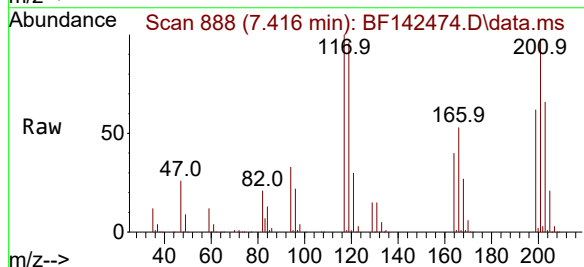
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

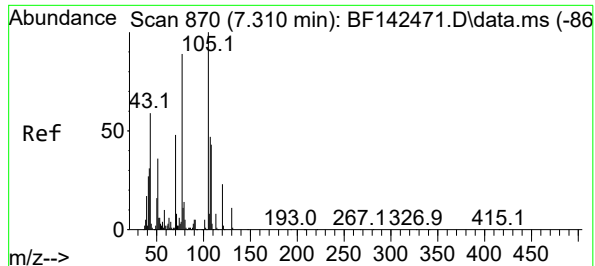
Tgt Ion:107 Resp: 358569
Ion Ratio Lower Upper
107 100
108 113.0 90.2 135.2
77 46.1 36.1 54.1
79 45.5 36.2 54.4



#18
Hexachloroethane
Concen: 75.267 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:117 Resp: 177426
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 97.9 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 73.987 ng

RT: 7.328 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 304362

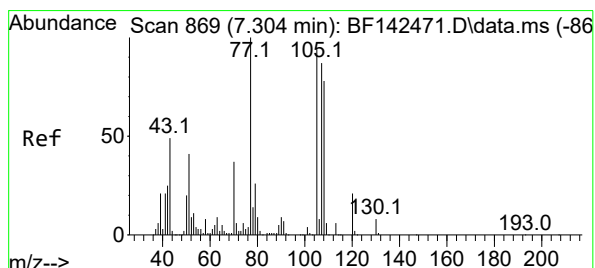
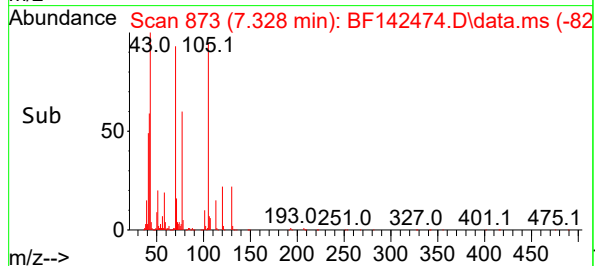
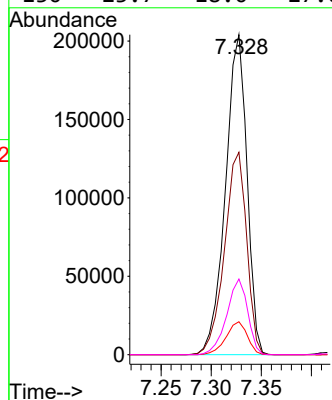
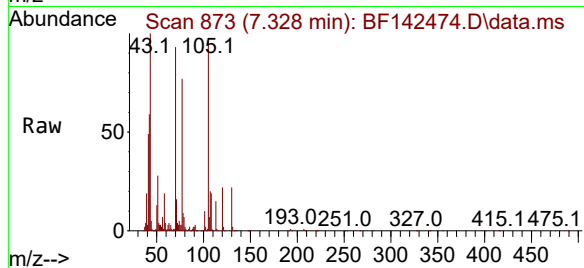
Ion Ratio Lower Upper

70 100

42 63.3 52.4 78.6

101 10.3 7.8 11.8

130 23.7 18.0 27.0



#20

3+4-Methylphenols

Concen: 71.097 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Tgt Ion: 107 Resp: 426933

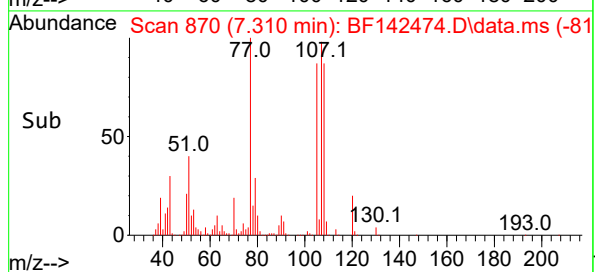
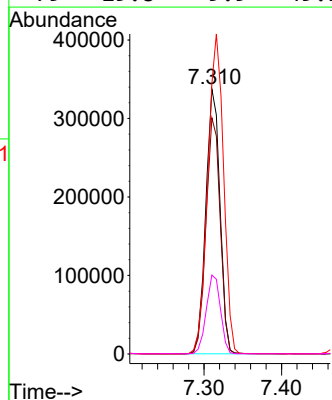
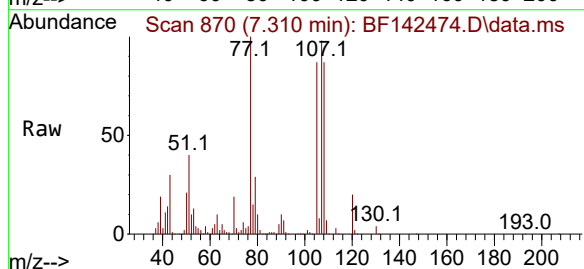
Ion Ratio Lower Upper

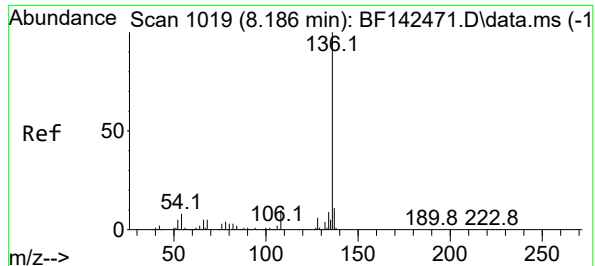
107 100

108 89.2 70.4 110.4

77 102.1 95.4 135.4

79 29.8 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142474.D

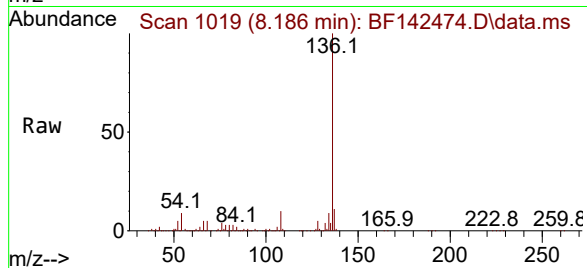
Acq: 20 May 2025 15:31

Instrument :

BNA_F

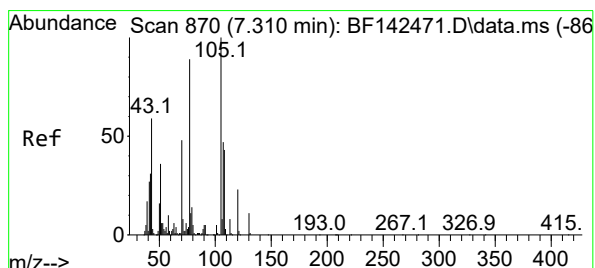
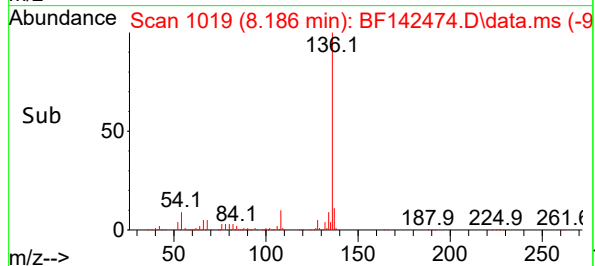
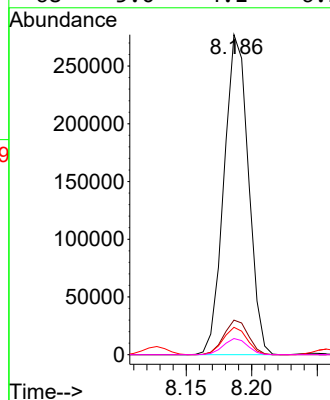
ClientSampleId :

SSTDICC080



Tgt Ion:136 Resp: 358380

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	6.6	10.0
68	5.0	4.1	6.1



#22

Acetophenone

Concen: 72.072 ng

RT: 7.316 min Scan# 871

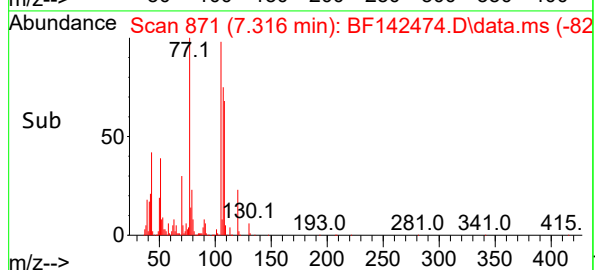
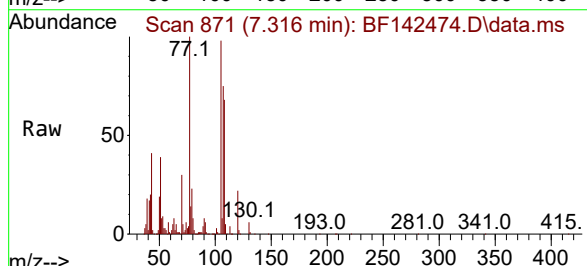
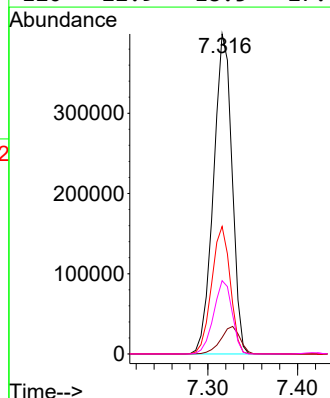
Delta R.T. 0.000 min

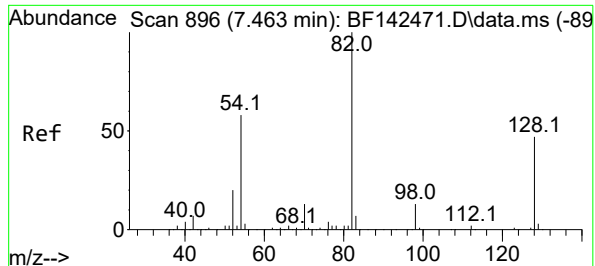
Lab File: BF142474.D

Acq: 20 May 2025 15:31

Tgt Ion:105 Resp: 571777

Ion	Ratio	Lower	Upper
105	100		
71	5.2	6.4	9.6#
51	39.9	28.6	42.8
120	22.9	18.5	27.7

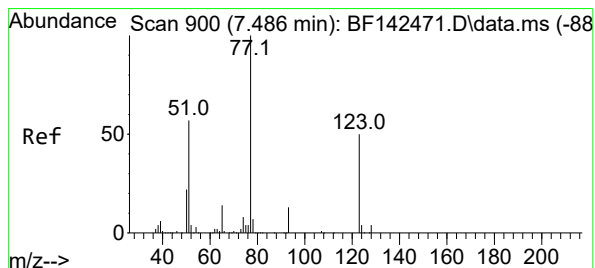
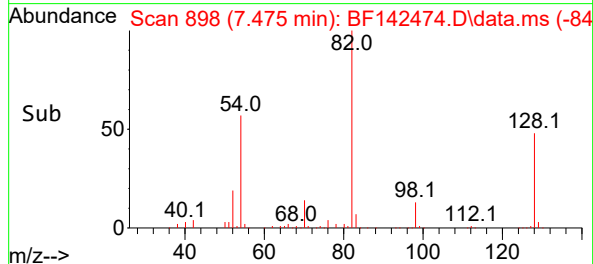
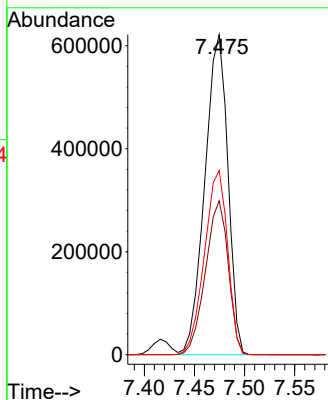
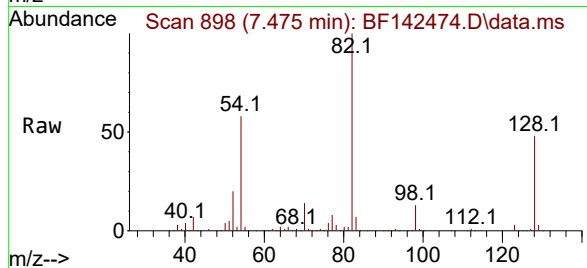




#23
Nitrobenzene-d5
Concen: 151.205 ng
RT: 7.475 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

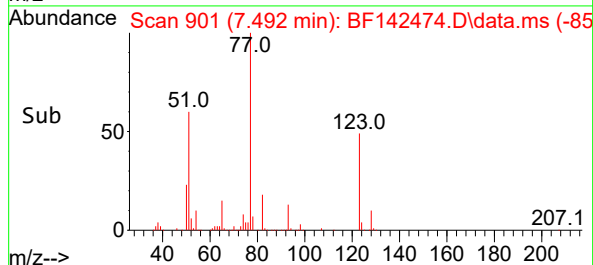
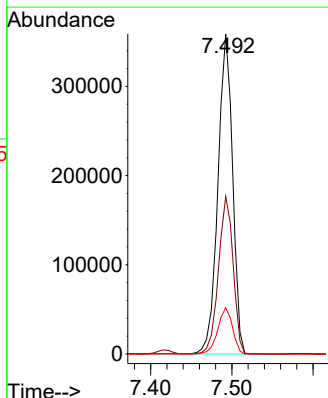
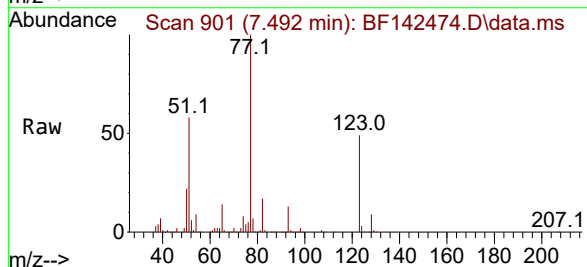
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

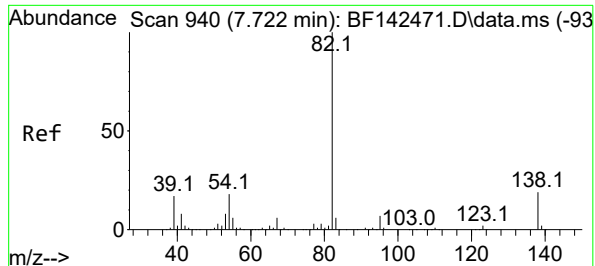
Tgt Ion: 82 Resp: 993768
Ion Ratio Lower Upper
82 100
128 48.1 37.4 56.2
54 57.5 46.6 70.0



#24
Nitrobenzene
Concen: 76.309 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 77 Resp: 452330
Ion Ratio Lower Upper
77 100
123 49.2 40.6 61.0
65 14.5 11.4 17.2





#25

Isophorone

Concen: 76.321 ng

RT: 7.733 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

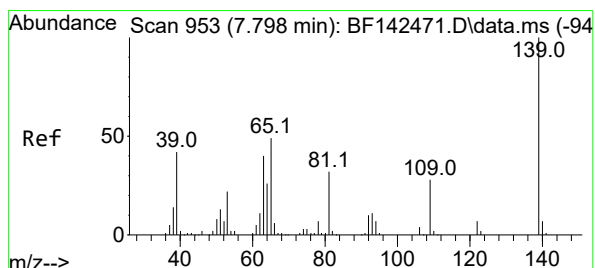
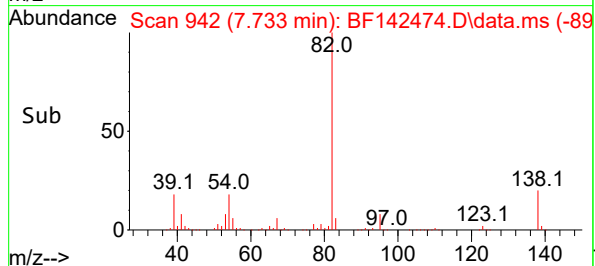
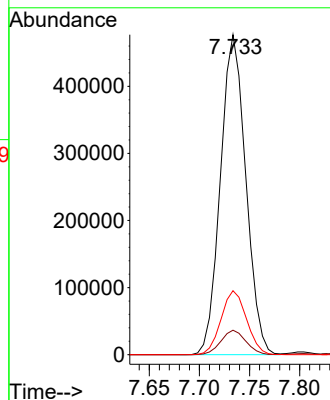
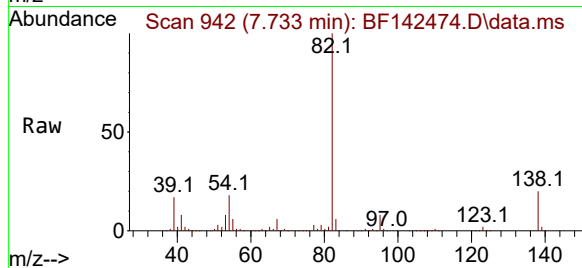
Tgt Ion: 82 Resp: 838652

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 20.0 15.5 23.3



#26

2-Nitrophenol

Concen: 78.434 ng

RT: 7.804 min Scan# 954

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

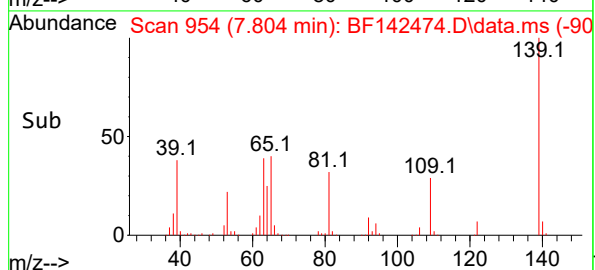
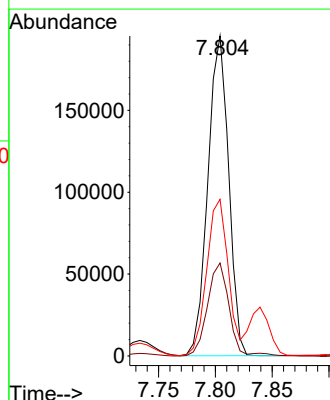
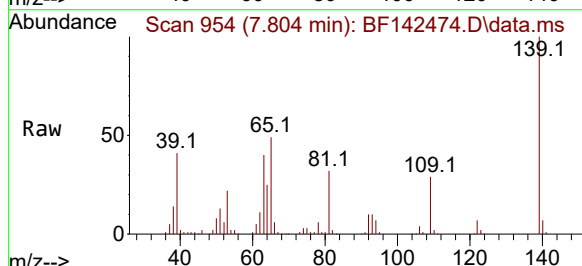
Tgt Ion:139 Resp: 248427

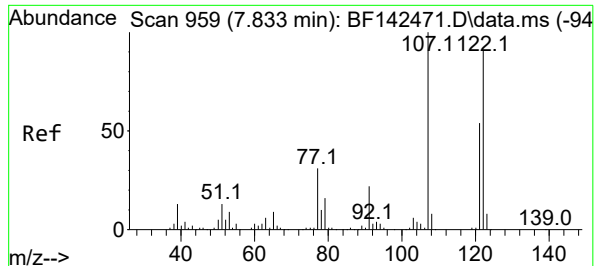
Ion Ratio Lower Upper

139 100

109 29.1 22.6 33.8

65 48.9 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 75.623 ng

RT: 7.839 min Scan# 959

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

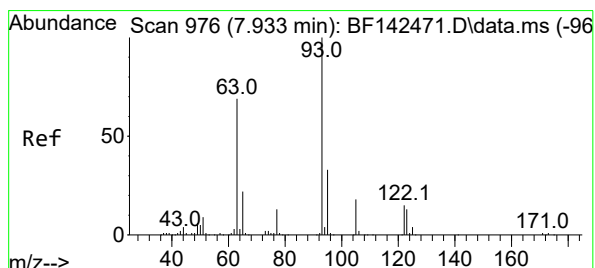
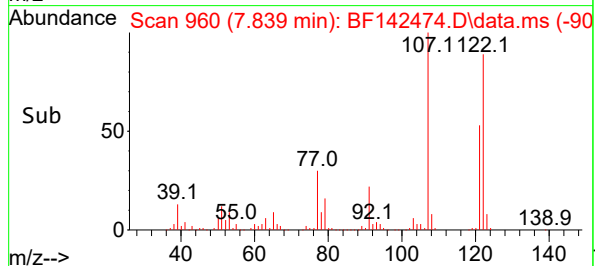
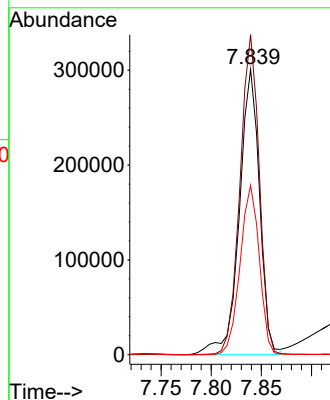
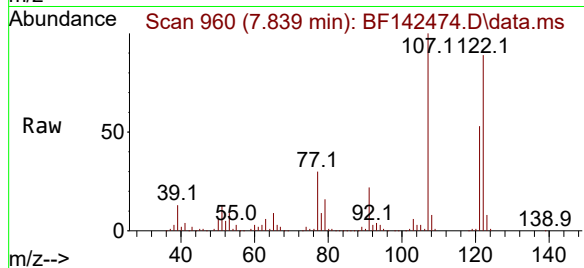
Tgt Ion:122 Resp: 422403

Ion Ratio Lower Upper

122 100

107 112.1 88.1 132.1

121 59.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 74.744 ng

RT: 7.939 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

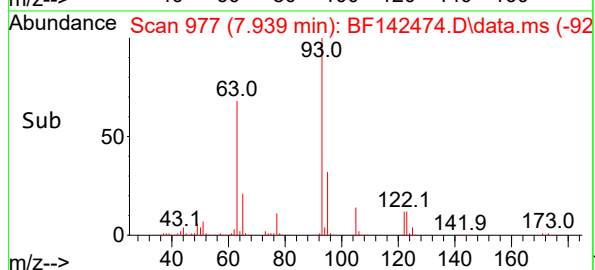
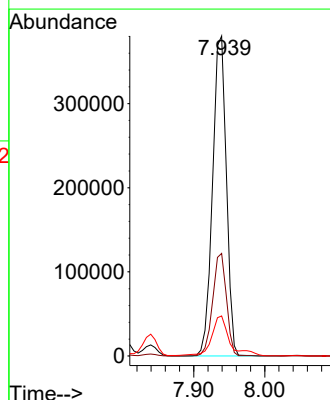
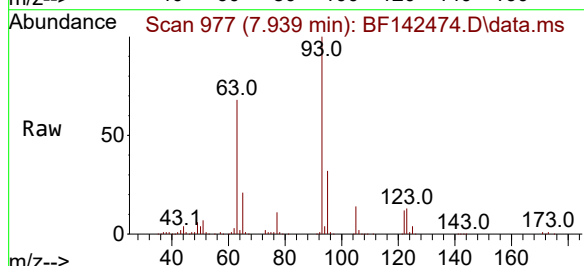
Tgt Ion: 93 Resp: 513063

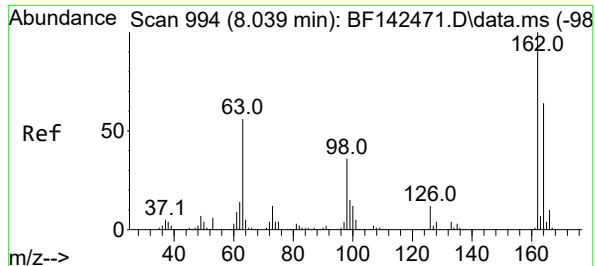
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 12.5 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 75.121 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

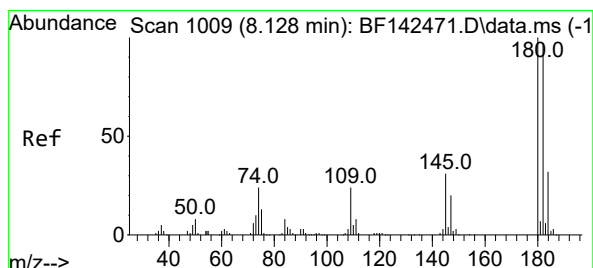
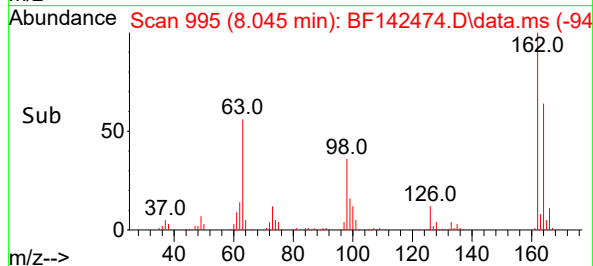
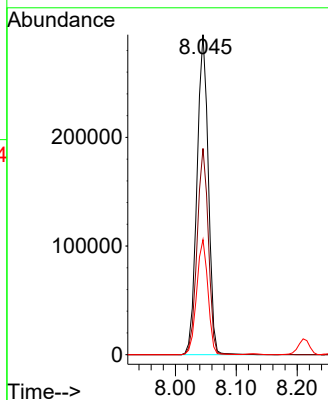
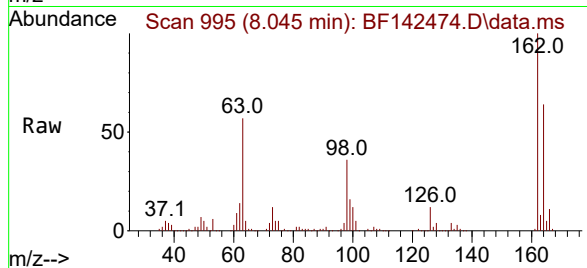
Tgt Ion:162 Resp: 381590

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 36.0 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 73.801 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

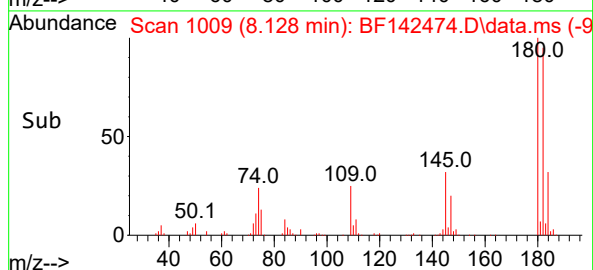
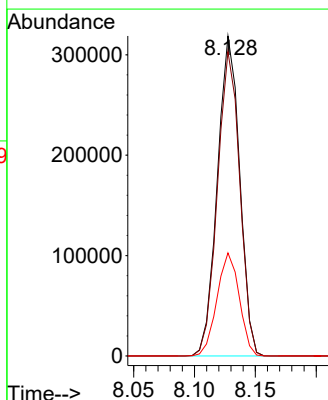
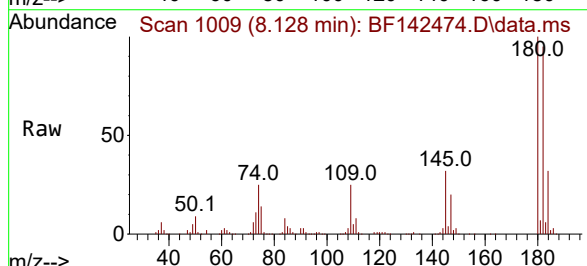
Tgt Ion:180 Resp: 406857

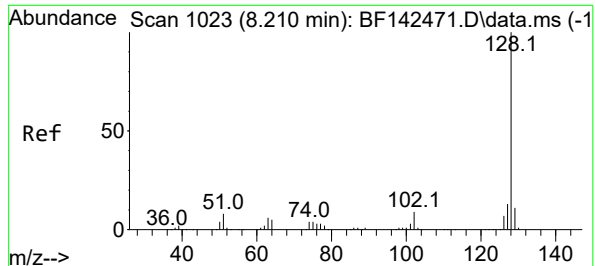
Ion Ratio Lower Upper

180 100

182 95.1 78.0 117.0

145 32.2 25.0 37.6





#31

Naphthalene

Concen: 72.369 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

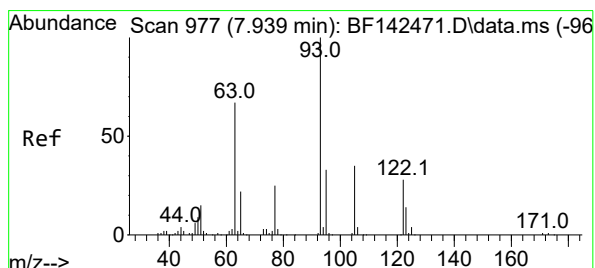
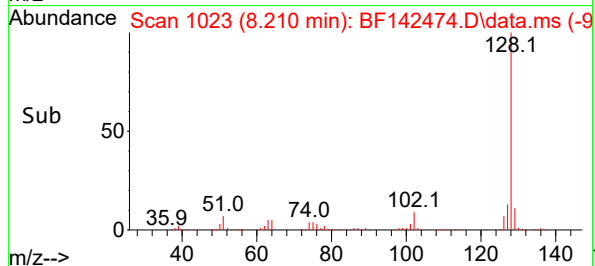
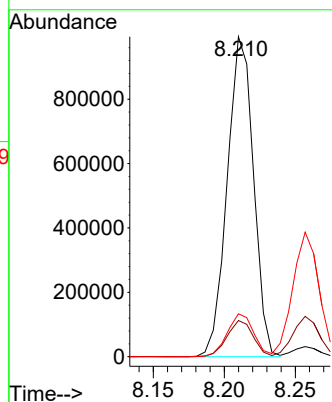
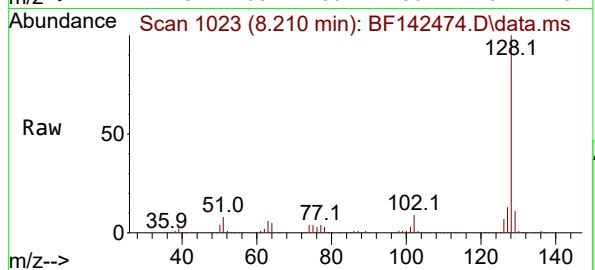
Tgt Ion:128 Resp: 1277048

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.4 10.5 15.7



#32

Benzoic acid

Concen: 84.918 ng

RT: 7.975 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

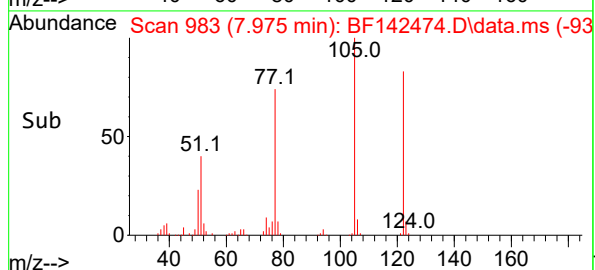
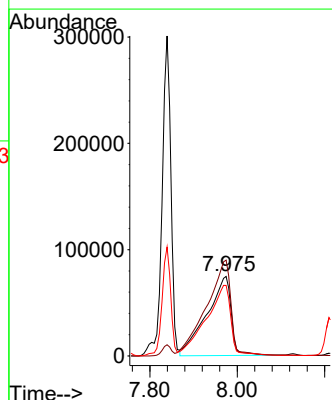
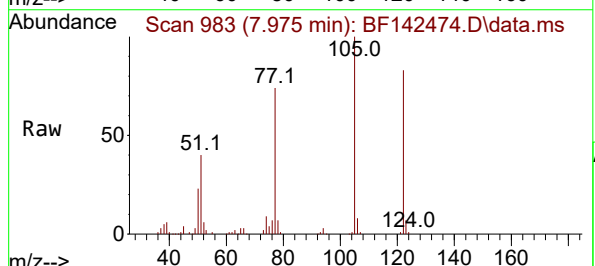
Tgt Ion:122 Resp: 288731

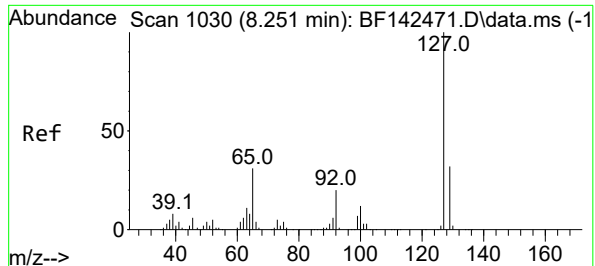
Ion Ratio Lower Upper

122 100

105 120.5 101.7 141.7

77 88.6 69.5 109.5





#33

4-Chloroaniline

Concen: 68.830 ng

RT: 8.257 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 492168

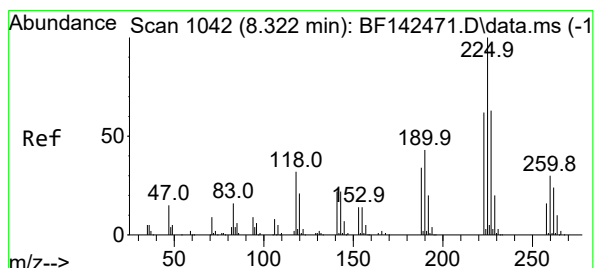
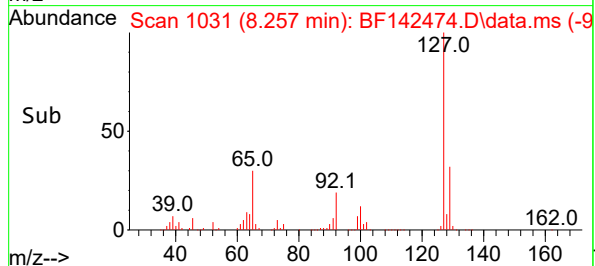
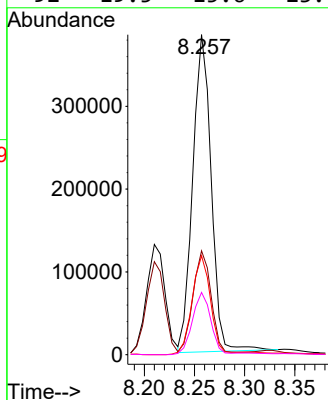
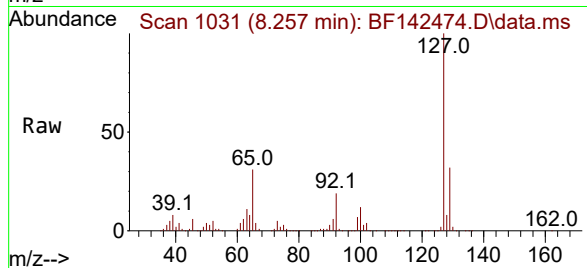
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 30.9 24.9 37.3

92 19.5 15.6 23.4



#34

Hexachlorobutadiene

Concen: 73.338 ng

RT: 8.328 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

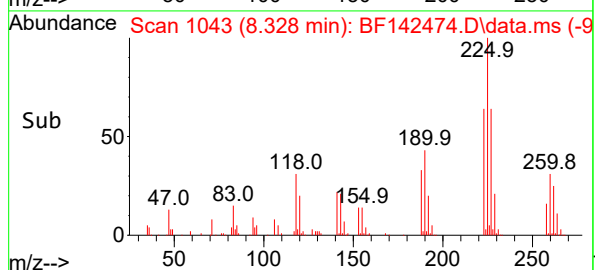
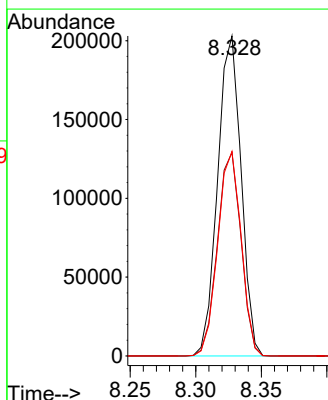
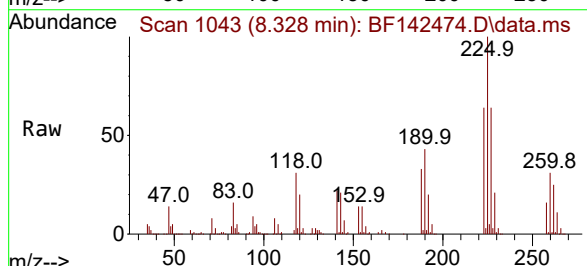
Tgt Ion:225 Resp: 252445

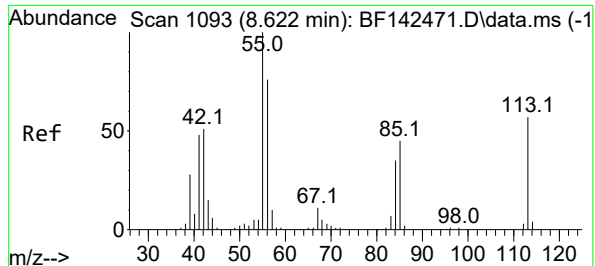
Ion Ratio Lower Upper

225 100

223 63.6 49.7 74.5

227 63.9 50.3 75.5





#35

Caprolactam

Concen: 76.565 ng

RT: 8.645 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

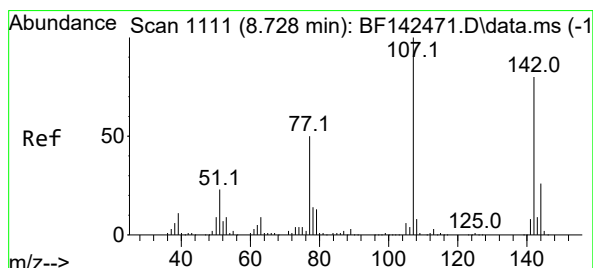
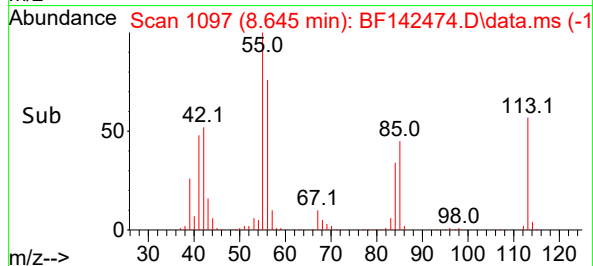
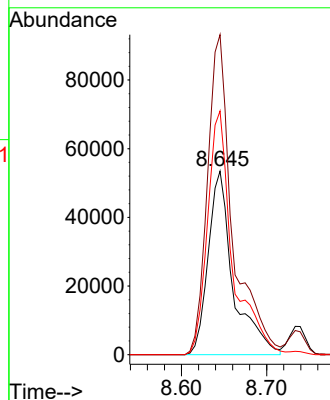
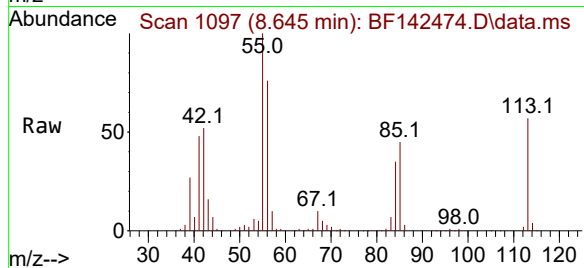
Tgt Ion:113 Resp: 109232

Ion Ratio Lower Upper

113 100

55 174.4 154.7 194.7

56 132.8 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 74.674 ng

RT: 8.739 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

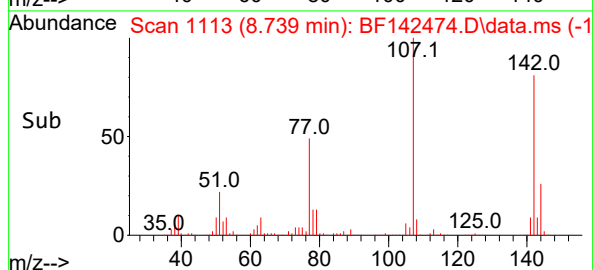
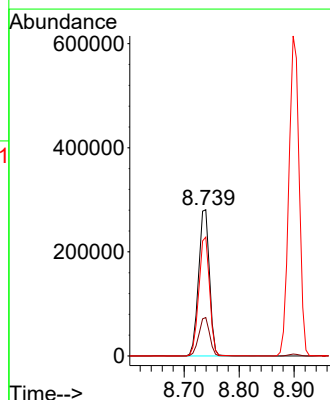
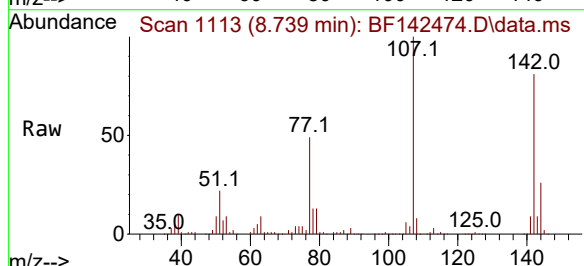
Tgt Ion:107 Resp: 388740

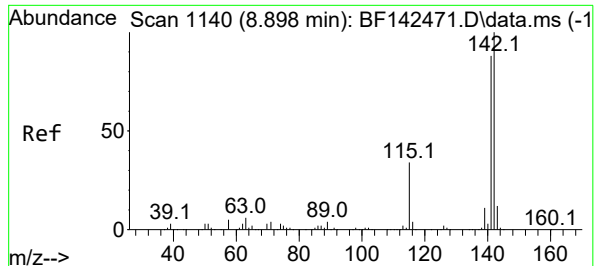
Ion Ratio Lower Upper

107 100

144 26.3 20.9 31.3

142 81.3 64.2 96.2

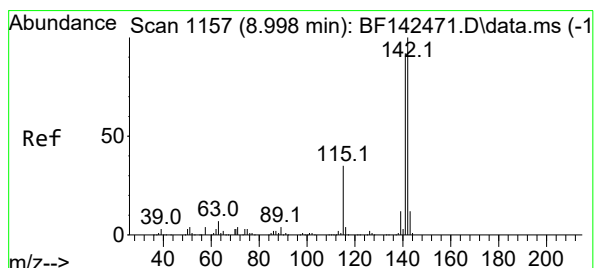
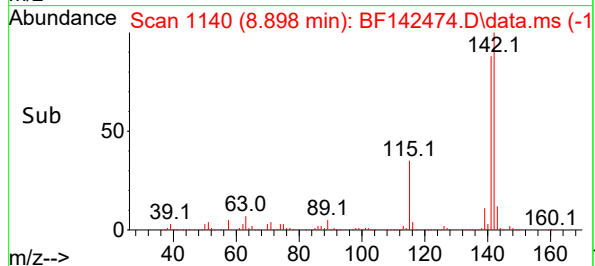
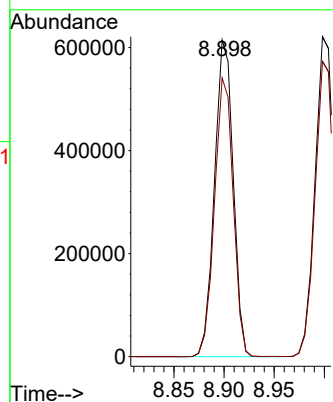
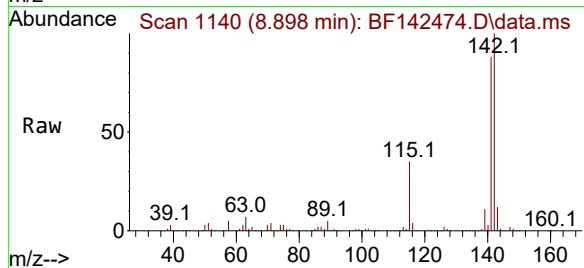




#37
2-Methylnaphthalene
Concen: 71.742 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

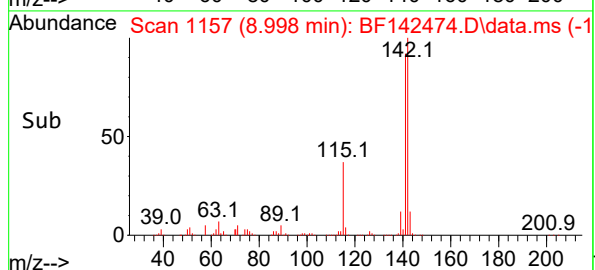
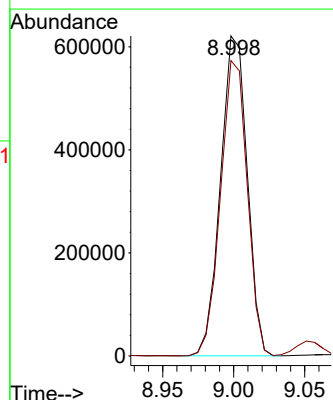
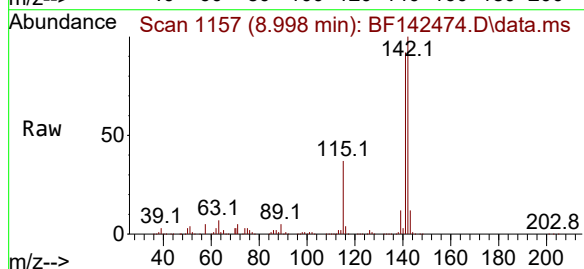
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

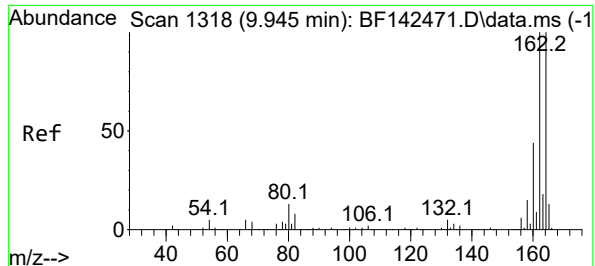
Tgt Ion:142 Resp: 796463
Ion Ratio Lower Upper
142 100
141 88.0 70.7 106.1



#38
1-Methylnaphthalene
Concen: 70.689 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:142 Resp: 811747
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF142474.D

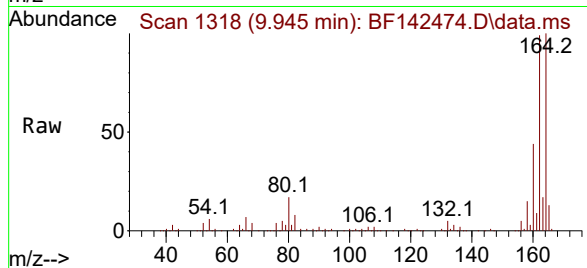
Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



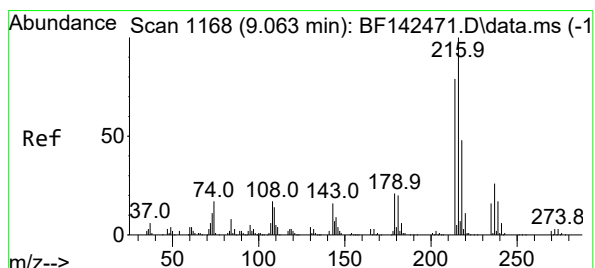
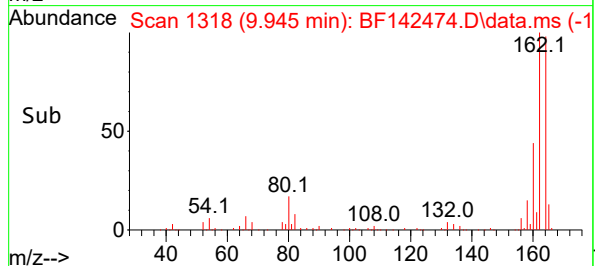
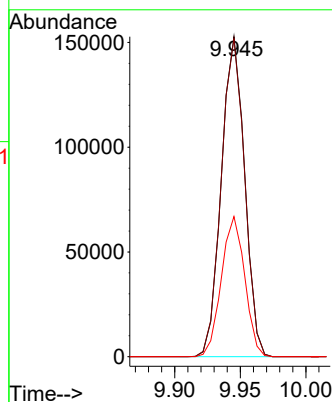
Tgt Ion:164 Resp: 188198

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.4

160 43.8 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 75.740 ng

RT: 9.069 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Tgt Ion:216 Resp: 409177

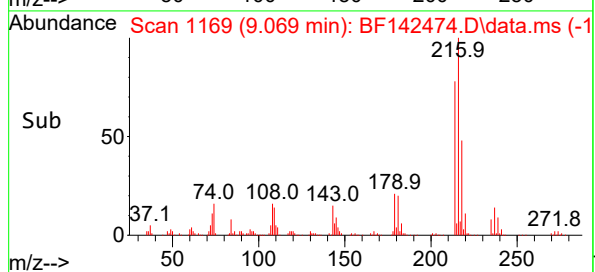
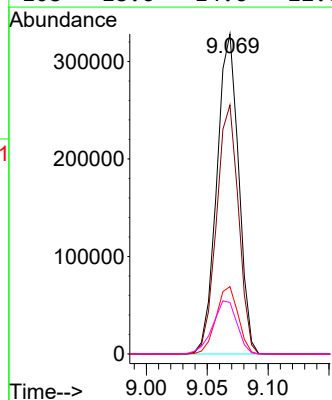
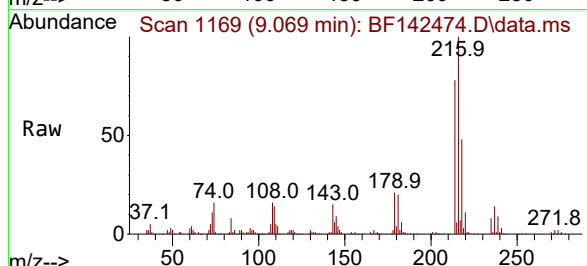
Ion Ratio Lower Upper

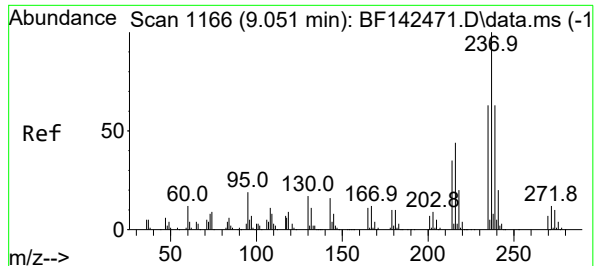
216 100

214 78.2 62.9 94.3

179 21.3 16.9 25.3

108 18.6 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 84.936 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

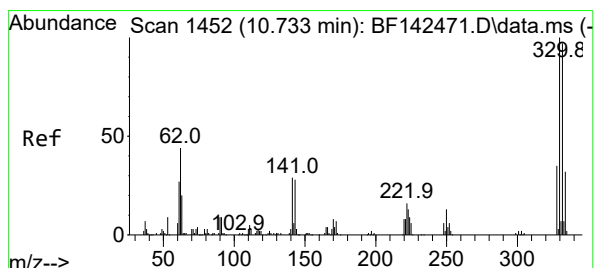
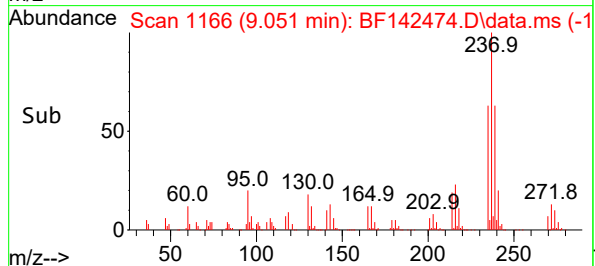
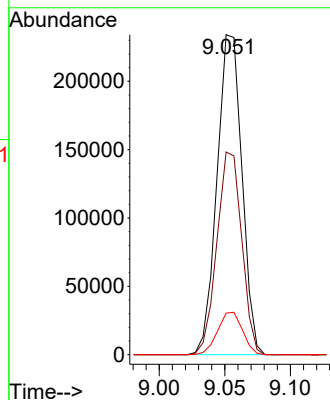
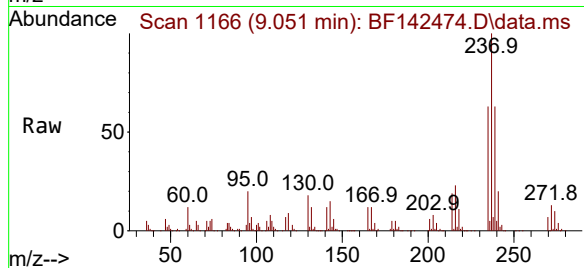
Tgt Ion:237 Resp: 309537

Ion Ratio Lower Upper

237 100

235 63.4 43.3 83.3

272 13.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 145.927 ng

RT: 10.739 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

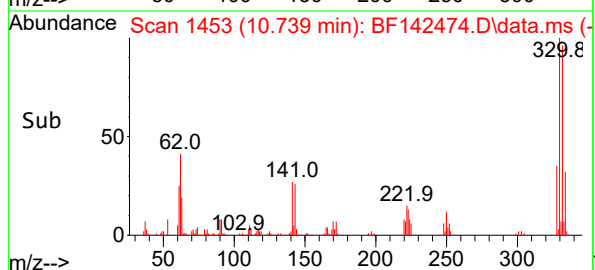
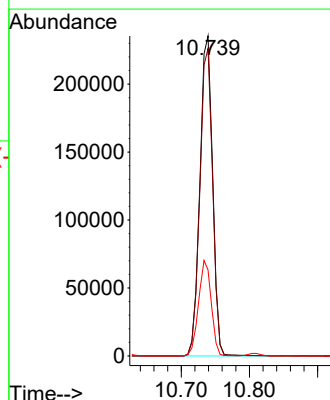
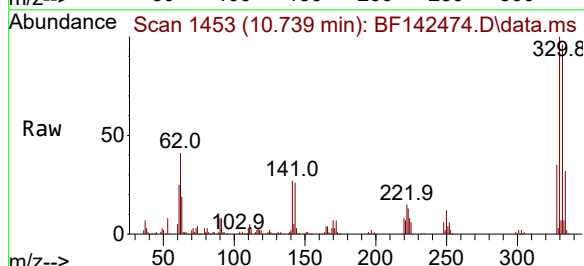
Tgt Ion:330 Resp: 304807

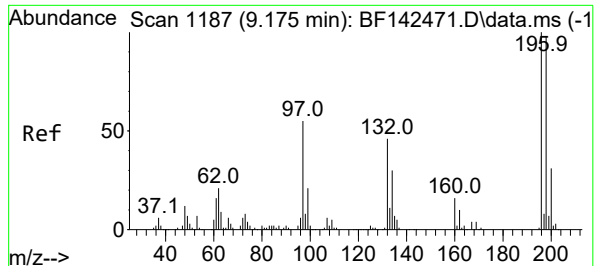
Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 29.7 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 78.254 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142474.D

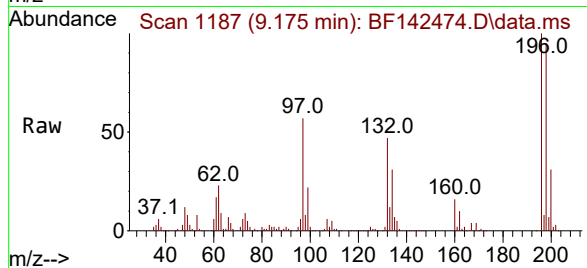
Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



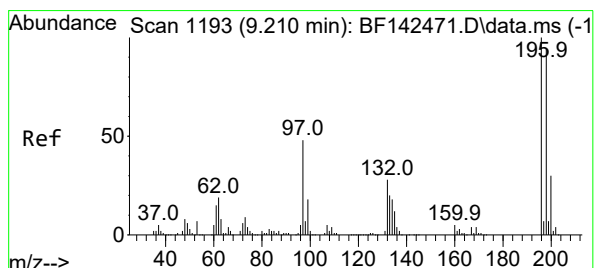
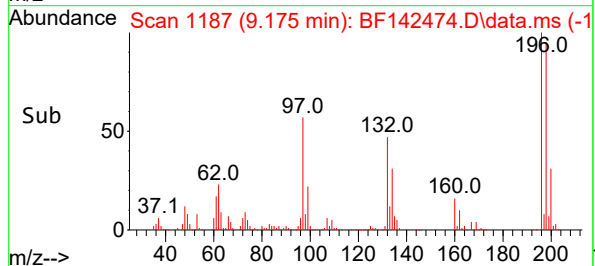
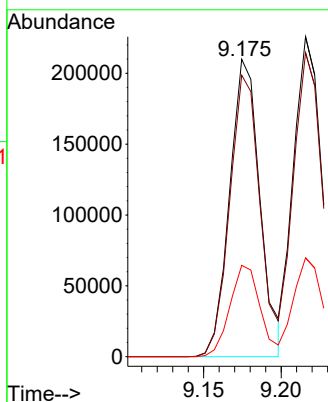
Tgt Ion:196 Resp: 285072

Ion Ratio Lower Upper

196 100

198 94.6 78.8 118.2

200 30.7 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 74.712 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Tgt Ion:196 Resp: 287041

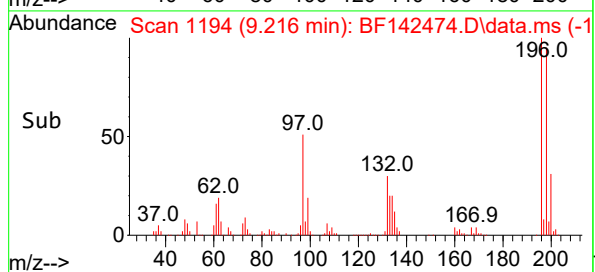
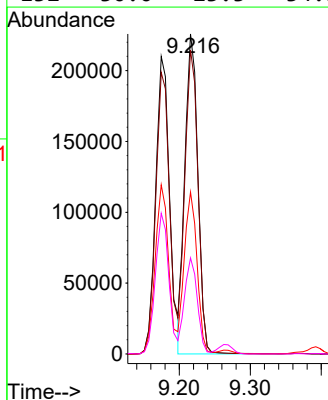
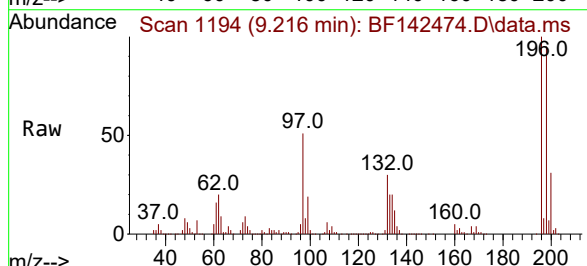
Ion Ratio Lower Upper

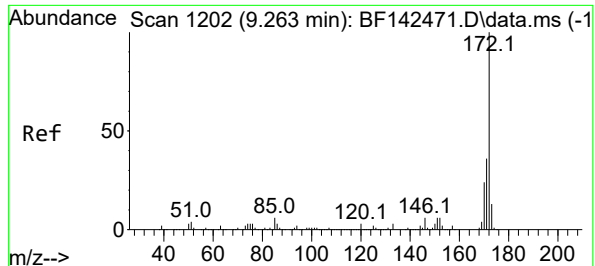
196 100

198 95.0 75.5 113.3

97 50.6 39.3 58.9

132 30.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 136.080 ng

RT: 9.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

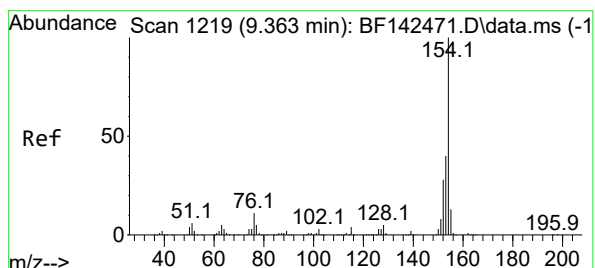
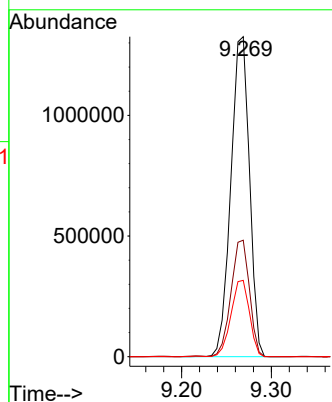
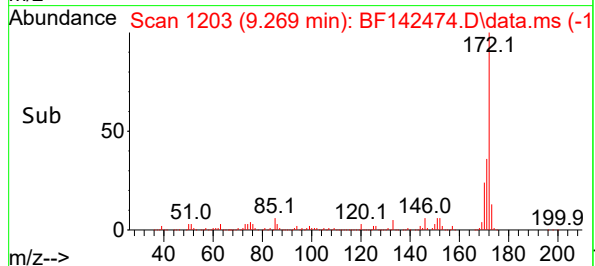
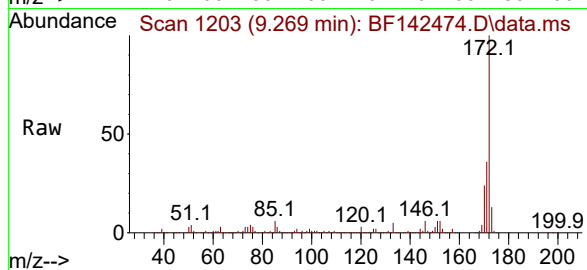
Tgt Ion:172 Resp: 1908541

Ion Ratio Lower Upper

172 100

171 36.4 28.6 42.8

170 23.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 72.584 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

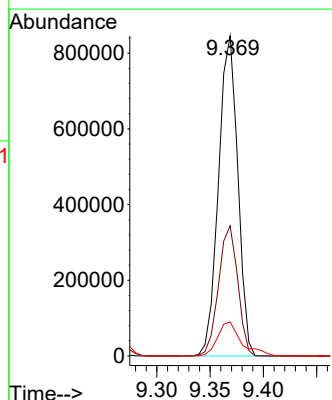
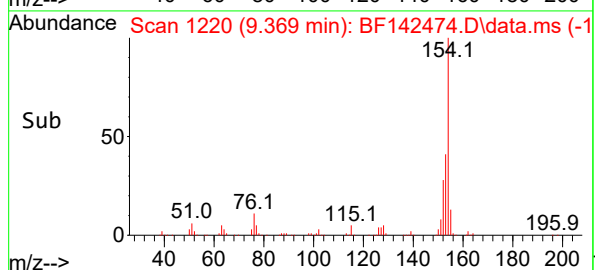
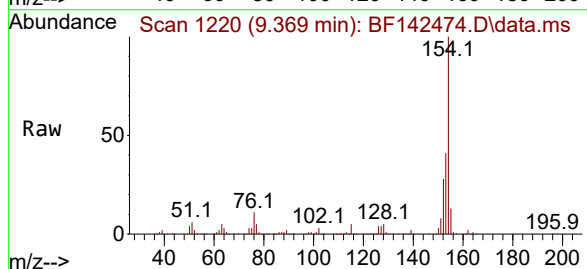
Tgt Ion:154 Resp: 1059787

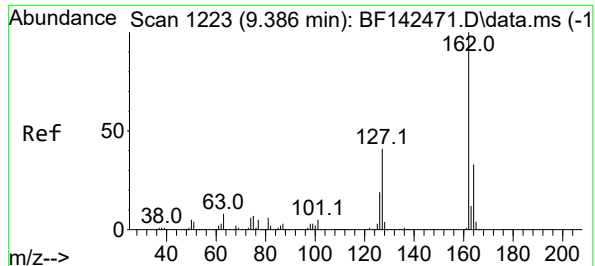
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 10.7 0.0 30.8





#47

2-Chloronaphthalene

Concen: 74.024 ng

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

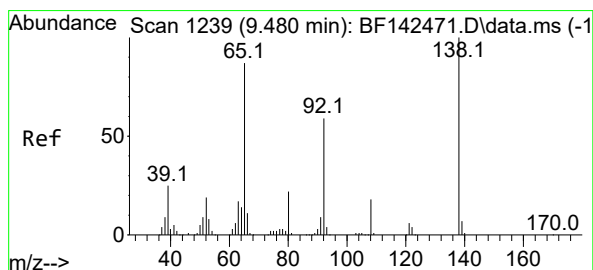
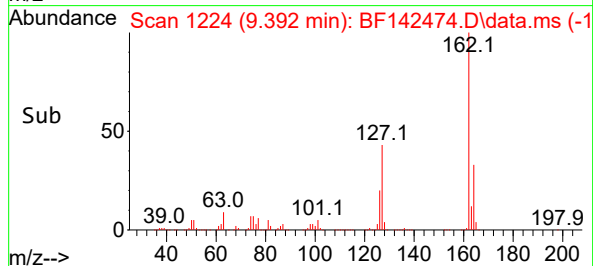
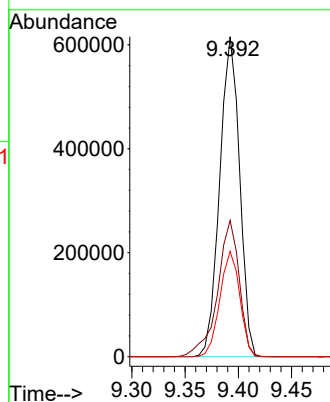
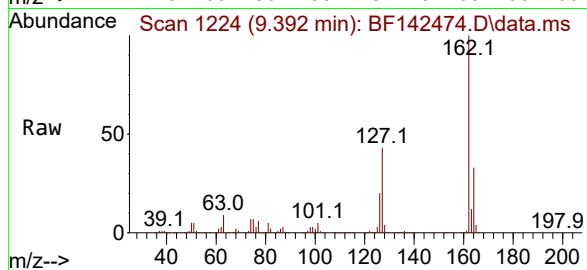
Tgt Ion:162 Resp: 798539

Ion Ratio Lower Upper

162 100

127 42.6 33.5 50.3

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 77.343 ng

RT: 9.486 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

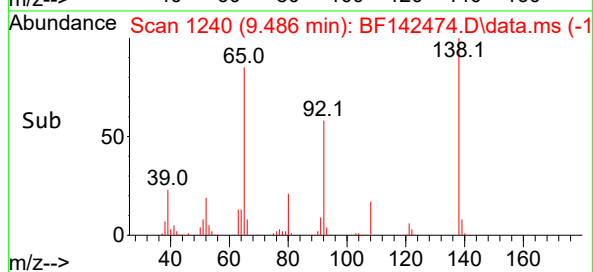
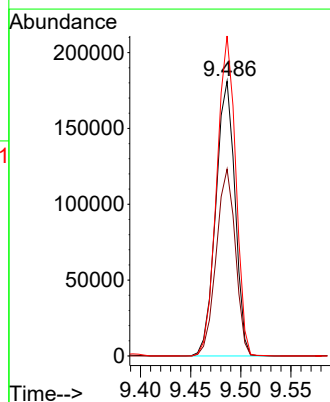
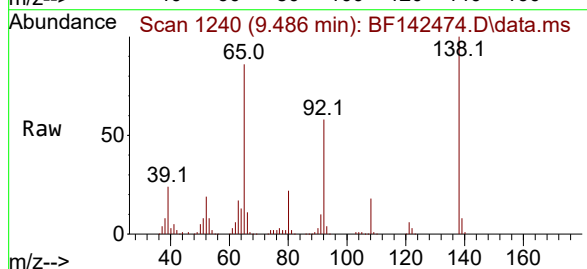
Tgt Ion: 65 Resp: 241162

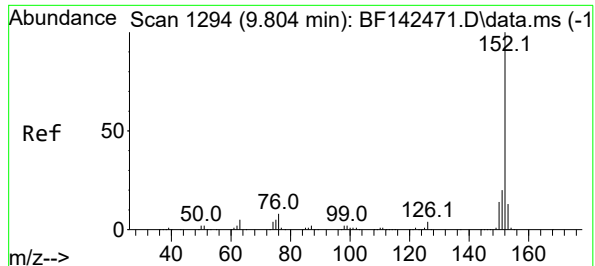
Ion Ratio Lower Upper

65 100

92 68.1 54.4 81.6

138 116.5 91.4 137.2





#49

Acenaphthylene

Concen: 72.118 ng

RT: 9.810 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

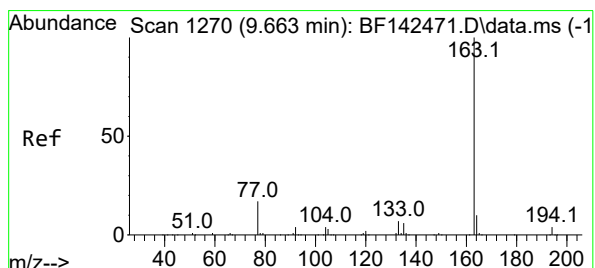
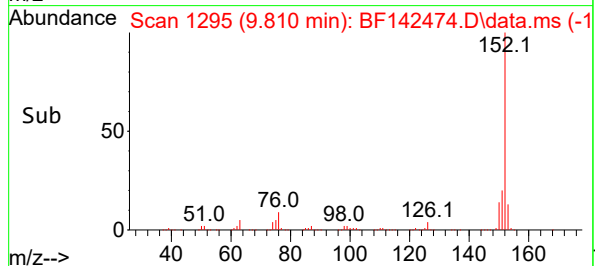
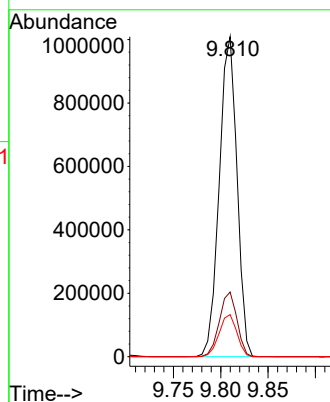
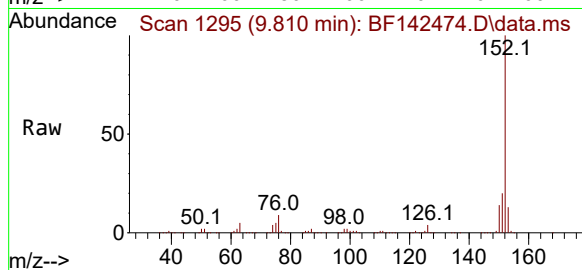
Tgt Ion:152 Resp: 1313668

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 73.405 ng

RT: 9.669 min Scan# 1271

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

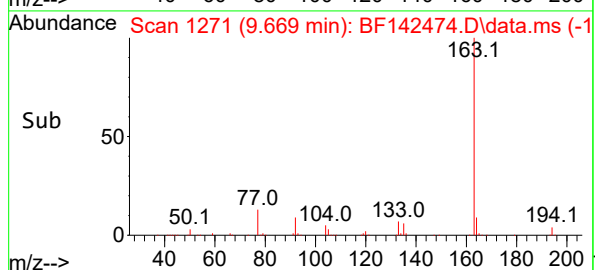
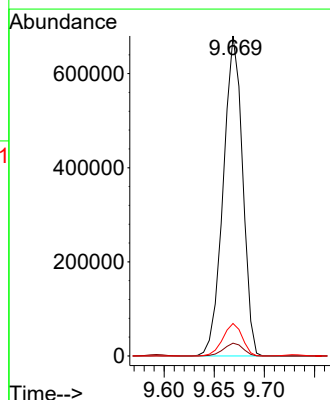
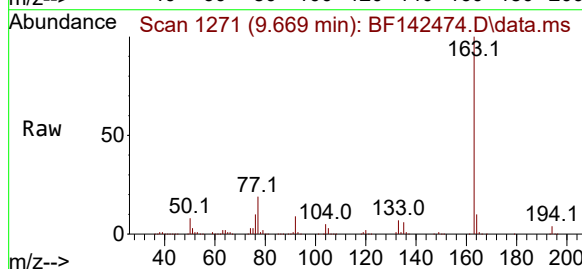
Tgt Ion:163 Resp: 911534

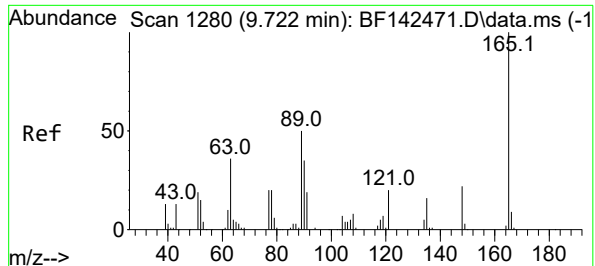
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 8.2 12.4

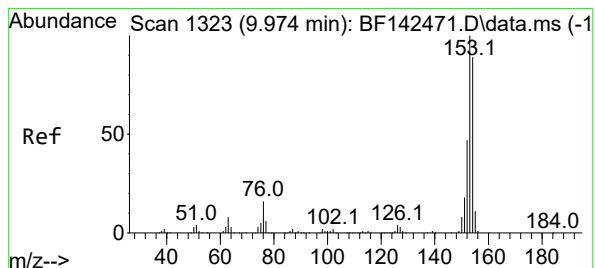
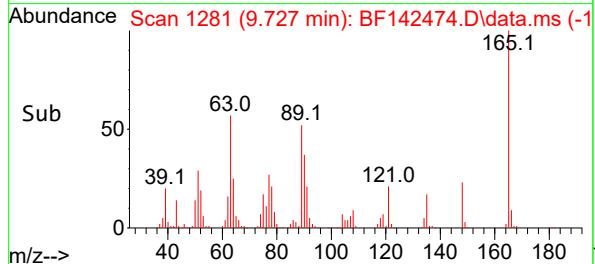
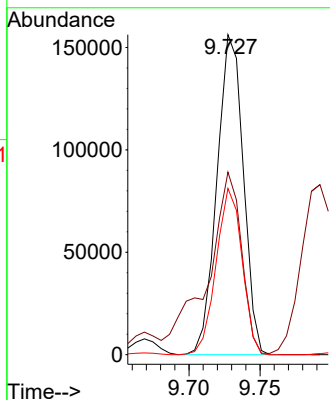
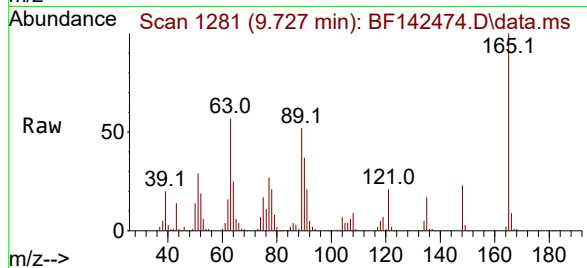




#51
2,6-Dinitrotoluene
Concen: 75.198 ng
RT: 9.727 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

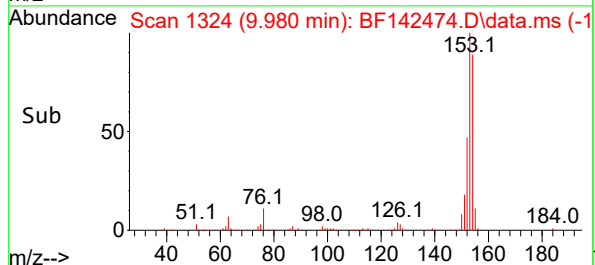
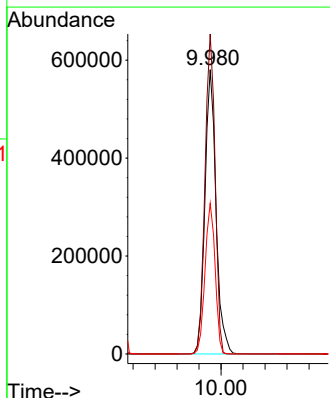
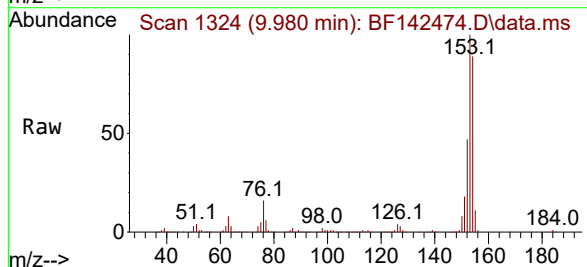
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

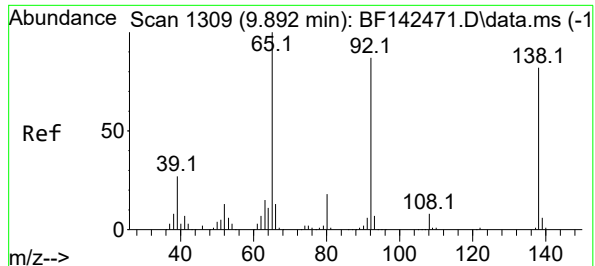
Tgt Ion:165 Resp: 201545
Ion Ratio Lower Upper
165 100
63 57.0 42.9 64.3
89 51.9 40.2 60.4



#52
Acenaphthene
Concen: 72.896 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:154 Resp: 810811
Ion Ratio Lower Upper
154 100
153 112.5 90.0 135.0
152 53.0 42.6 64.0

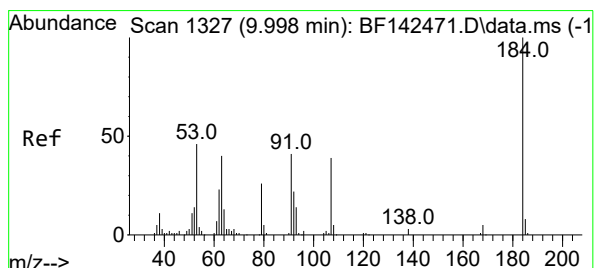
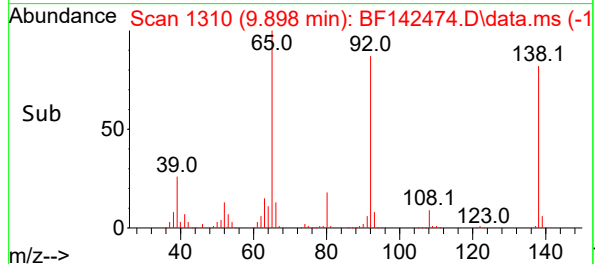
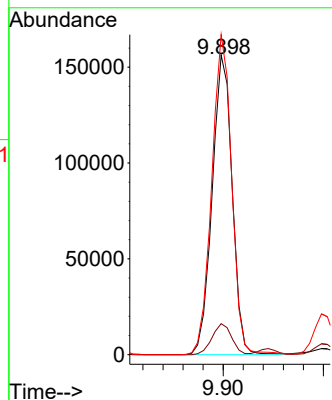
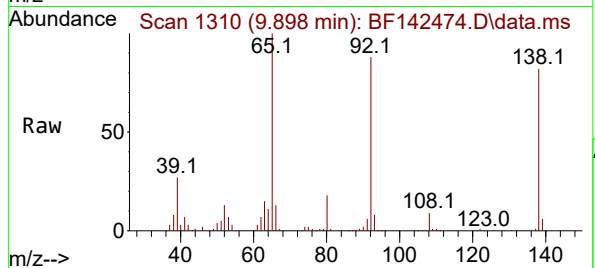




#53
3-Nitroaniline
Concen: 73.930 ng
RT: 9.898 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

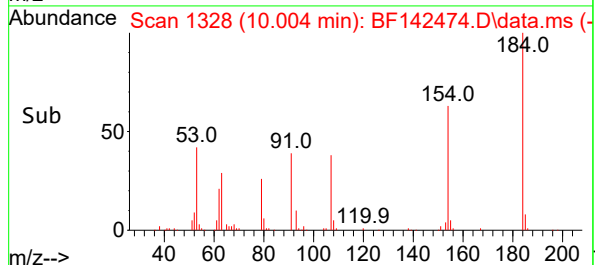
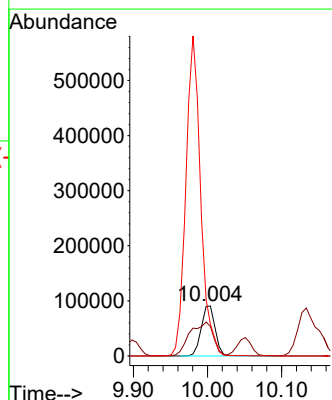
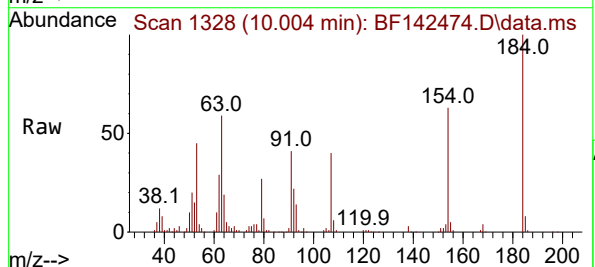
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

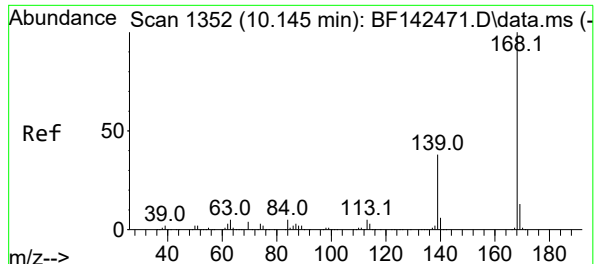
Tgt Ion:138 Resp: 216422
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 106.8 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 85.999 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:184 Resp: 119082
Ion Ratio Lower Upper
184 100
63 59.2 46.3 69.5
154 63.4 56.8 85.2





#55

Dibenzenofuran

Concen: 70.990 ng

RT: 10.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

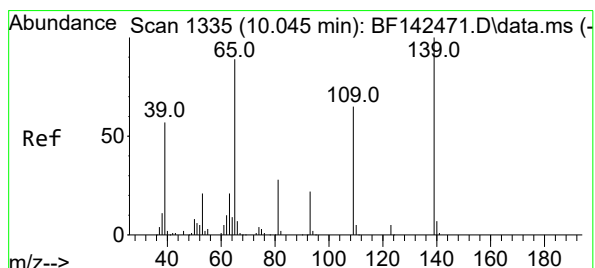
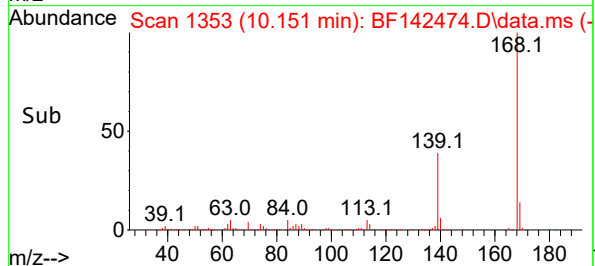
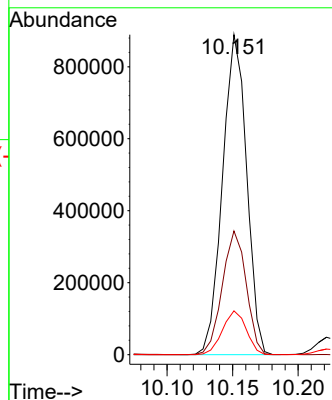
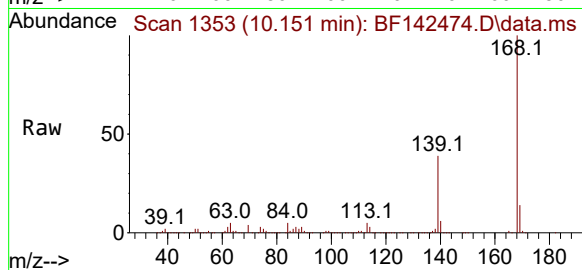
Tgt Ion:168 Resp: 1136276

Ion Ratio Lower Upper

168 100

139 38.6 30.2 45.2

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 76.638 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

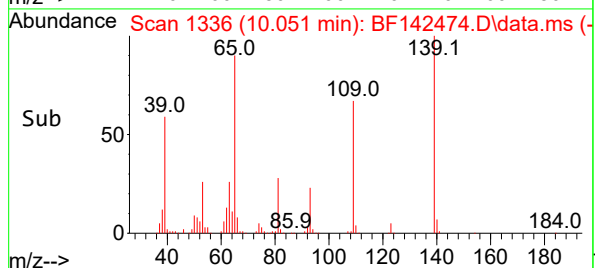
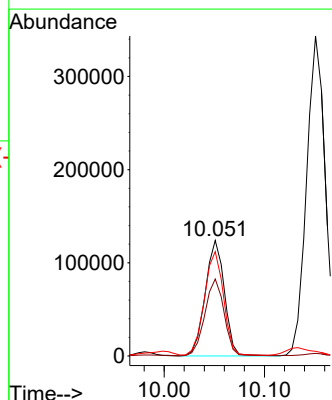
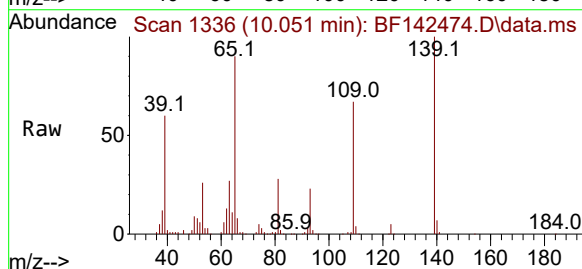
Tgt Ion:139 Resp: 165537

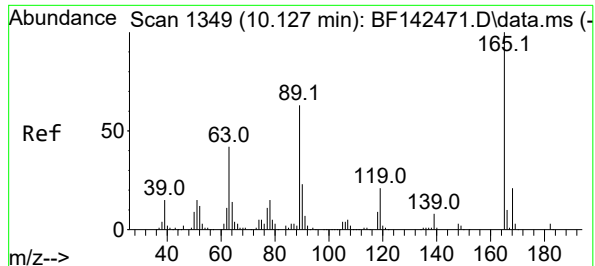
Ion Ratio Lower Upper

139 100

109 66.7 45.1 85.1

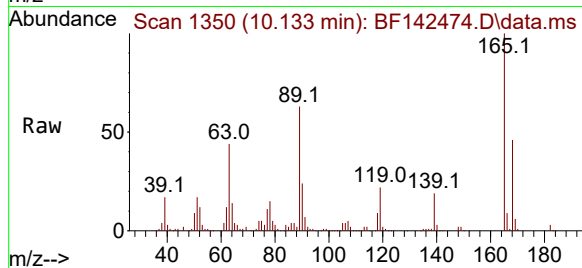
65 90.4 69.7 109.7



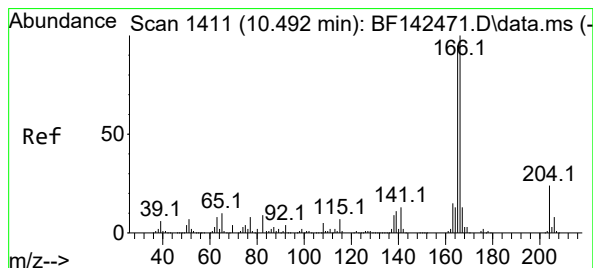
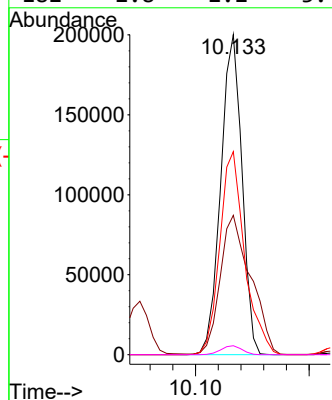
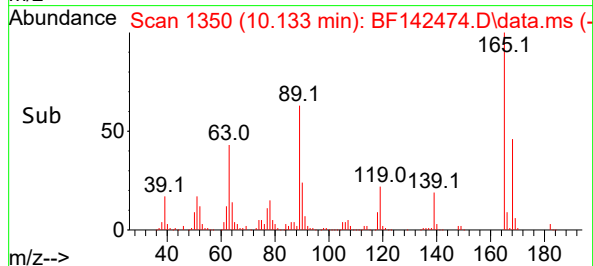


#57
2,4-Dinitrotoluene
Concen: 74.005 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

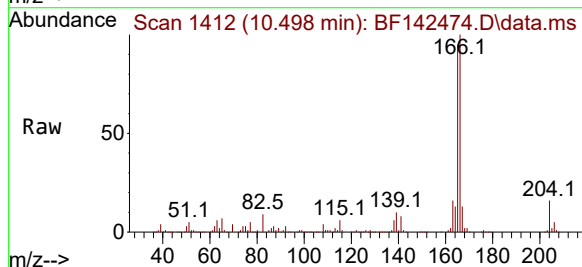
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



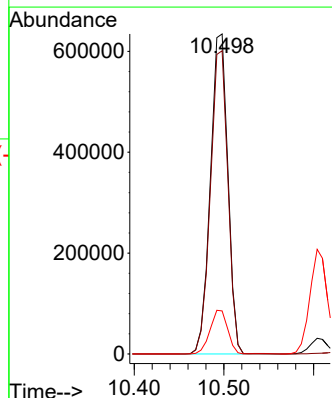
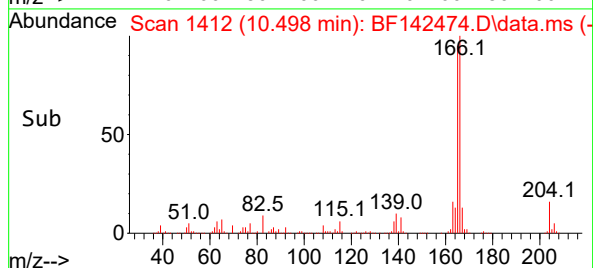
Tgt Ion:165 Resp: 259035
Ion Ratio Lower Upper
165 100
63 43.5 33.6 50.4
89 63.5 50.2 75.4
182 2.8 2.2 3.4

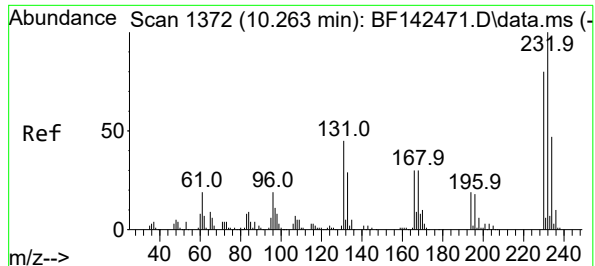


#58
Fluorene
Concen: 69.377 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31



Tgt Ion:166 Resp: 857882
Ion Ratio Lower Upper
166 100
165 94.7 75.8 113.8
167 13.5 10.6 16.0

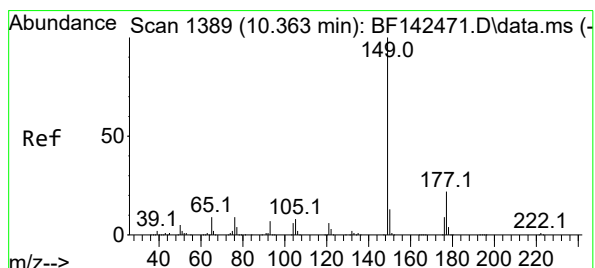
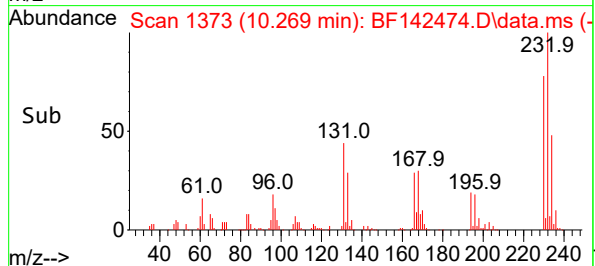
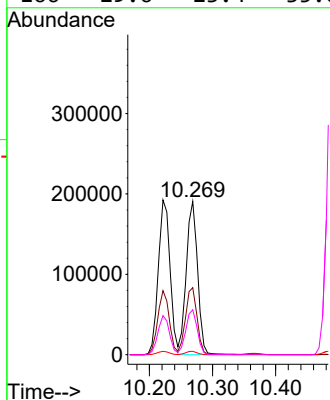
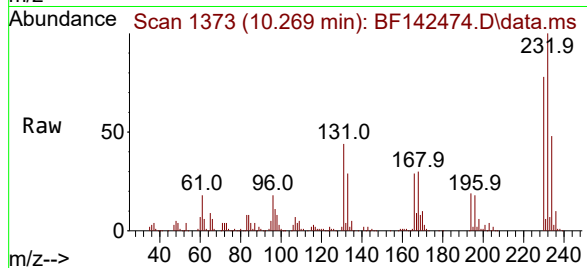




#59
2,3,4,6-Tetrachlorophenol
Concen: 74.324 ng
RT: 10.269 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

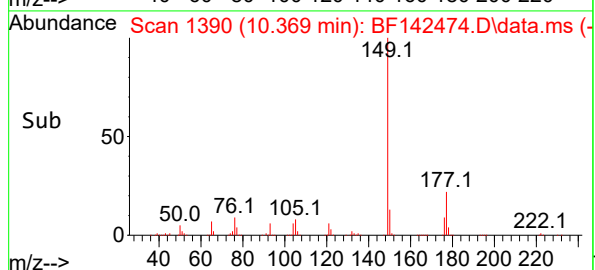
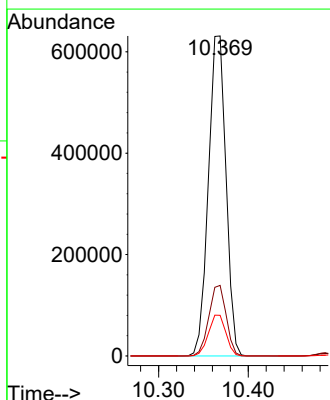
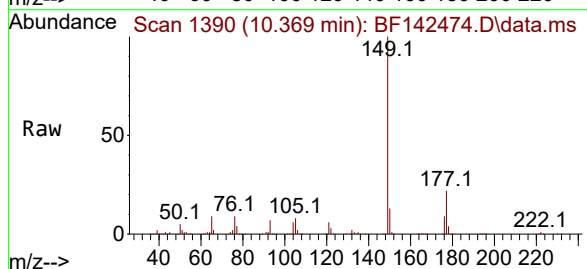
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

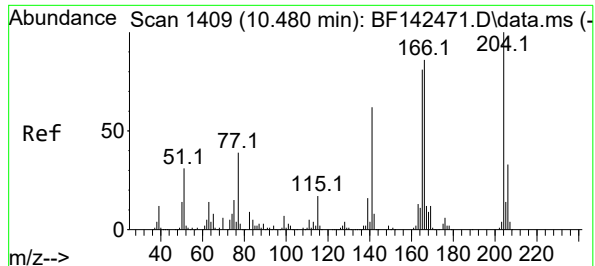
Tgt Ion:232 Resp: 238382
Ion Ratio Lower Upper
232 100
131 44.6 35.2 52.8
130 2.2 1.7 2.5
166 29.6 23.4 35.0



#60
Diethylphthalate
Concen: 70.773 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 858326
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.7 10.1 15.1

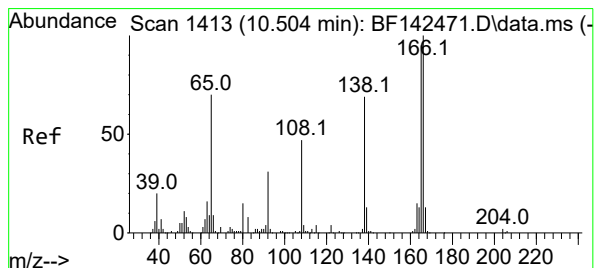
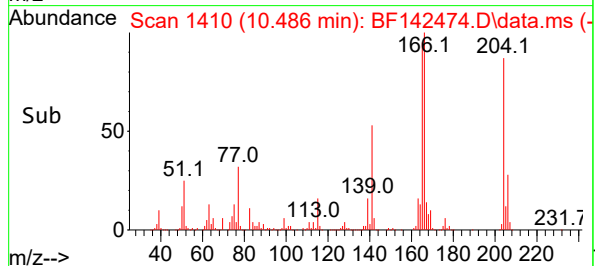
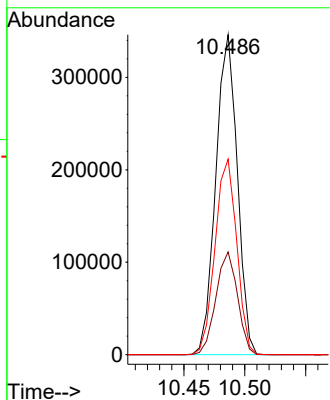
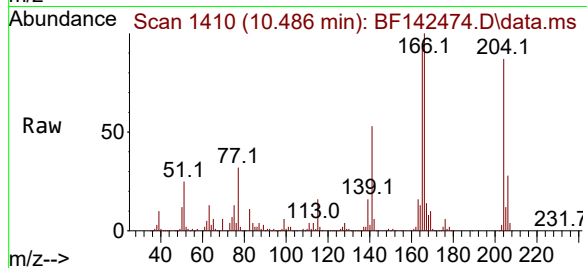




#61
4-Chlorophenyl-phenylether
Concen: 70.193 ng
RT: 10.486 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

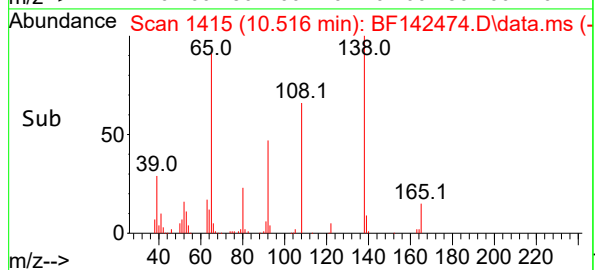
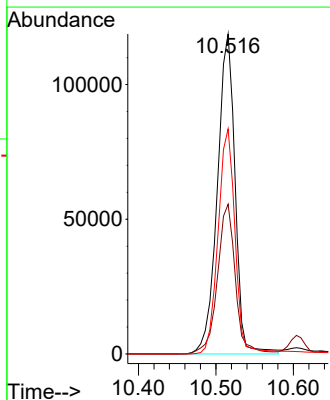
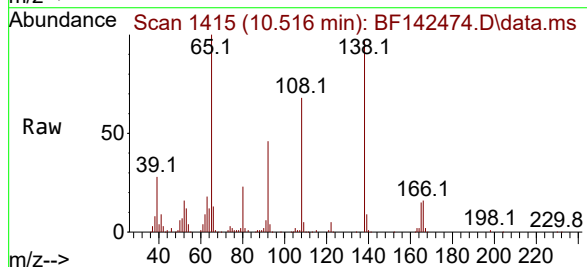
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

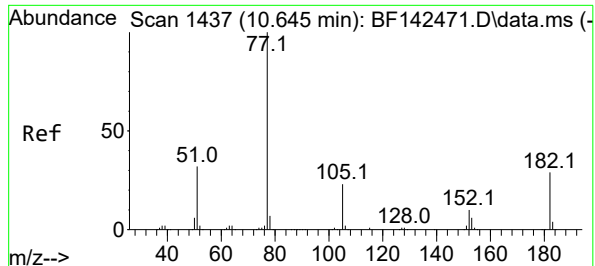
Tgt Ion:204 Resp: 426386
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 61.1 49.5 74.3



#62
4-Nitroaniline
Concen: 71.105 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:138 Resp: 188782
Ion Ratio Lower Upper
138 100
92 46.8 26.0 66.0
108 70.3 48.4 88.4

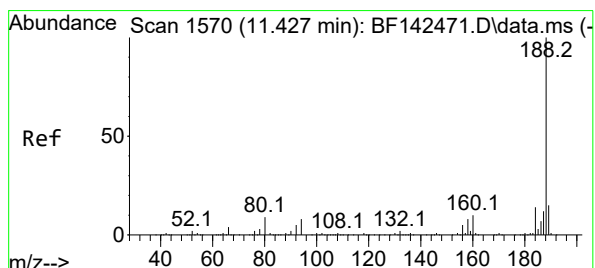
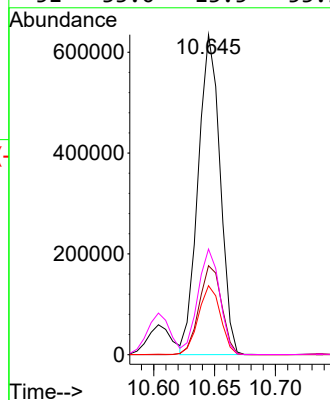
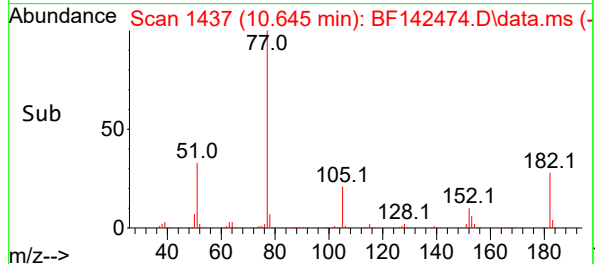
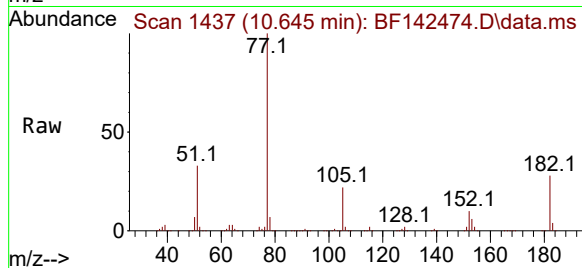




#63
Azobenzene
Concen: 72.893 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

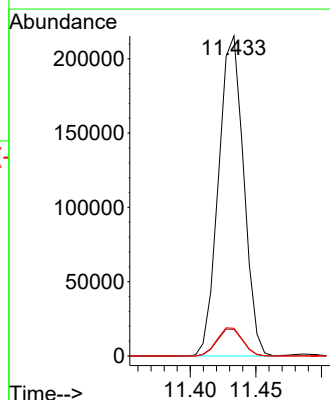
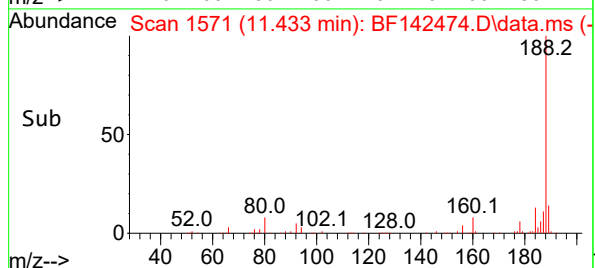
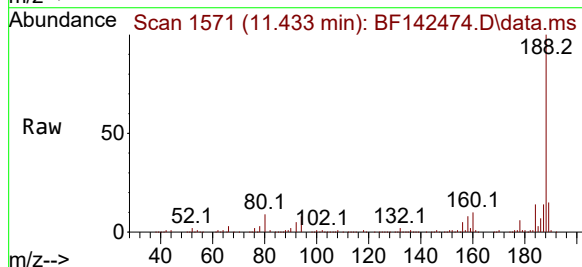
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

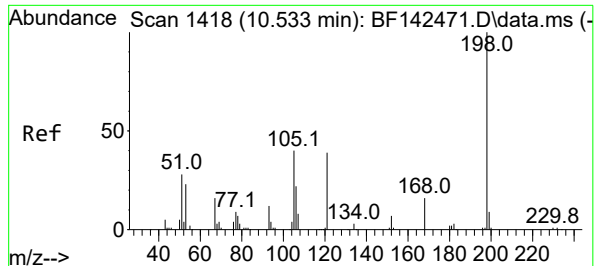
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	9.0	49.0
105	21.5	2.4	42.4
51	33.0	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.6	7.4	11.0

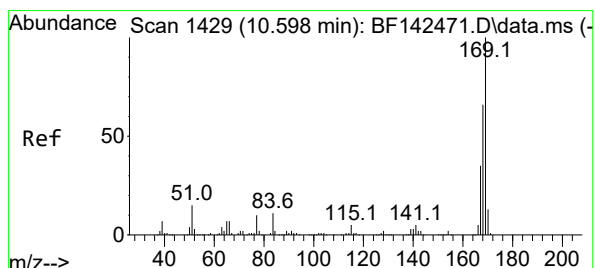
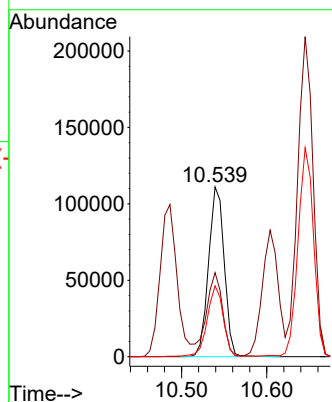
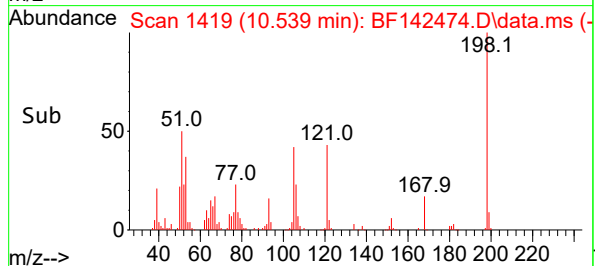
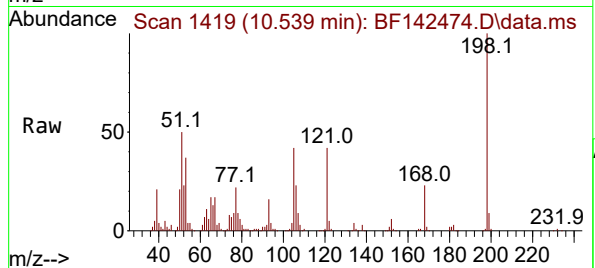




#65
4,6-Dinitro-2-methylphenol
Concen: 88.468 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

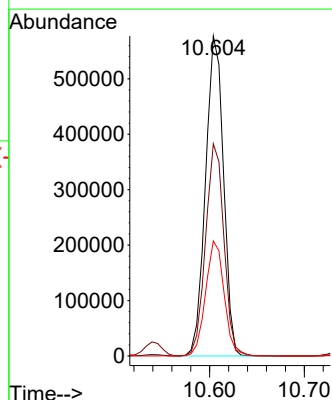
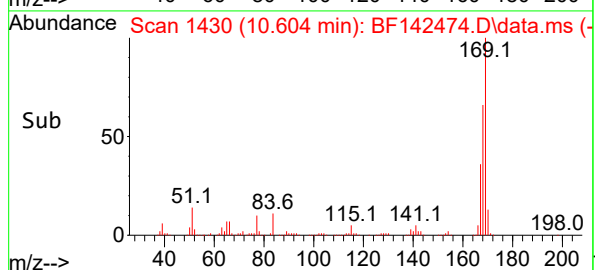
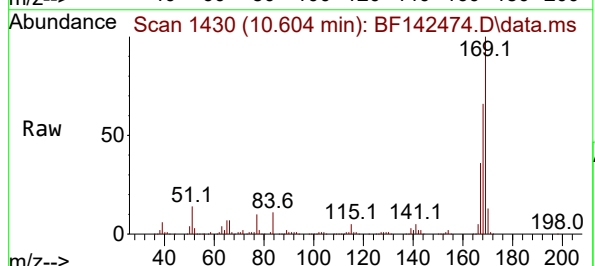
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

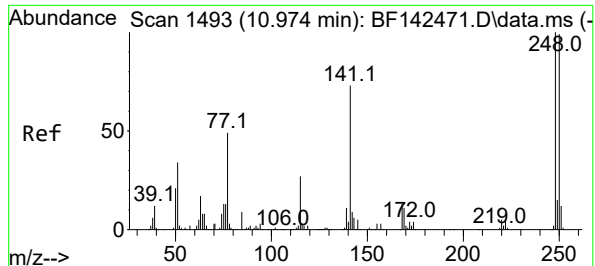
Tgt Ion:198 Resp: 141863
Ion Ratio Lower Upper
198 100
51 49.5 28.3 68.3
105 41.7 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 77.145 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:169 Resp: 758366
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 35.9 28.3 42.5

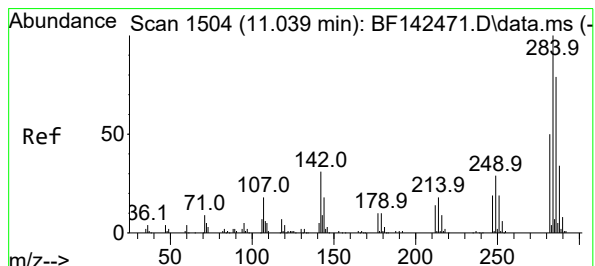
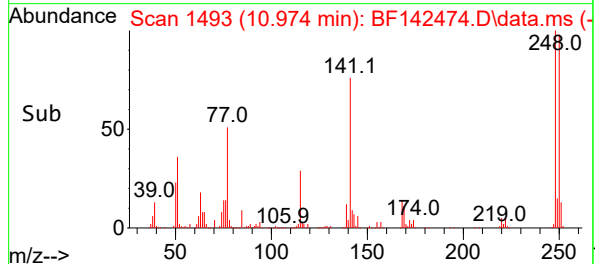
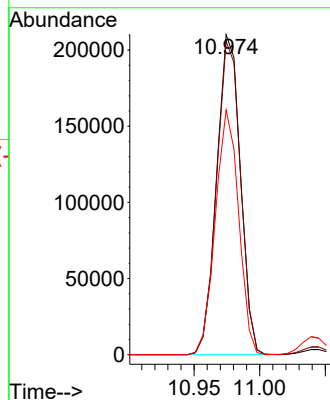
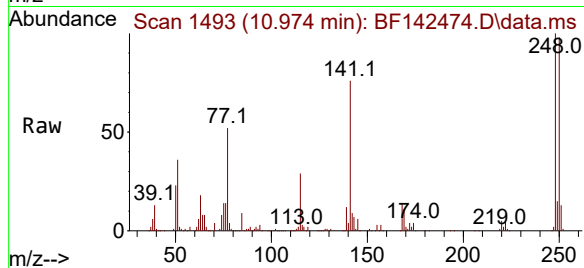




#67
4-Bromophenyl-phenylether
Concen: 77.920 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

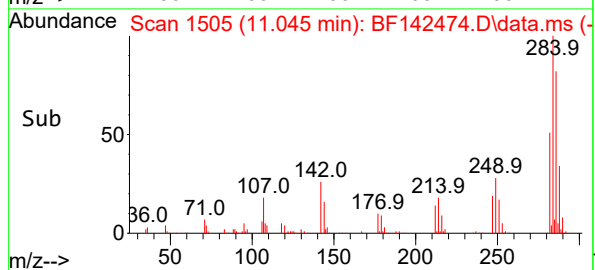
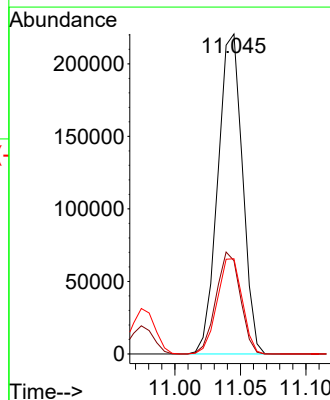
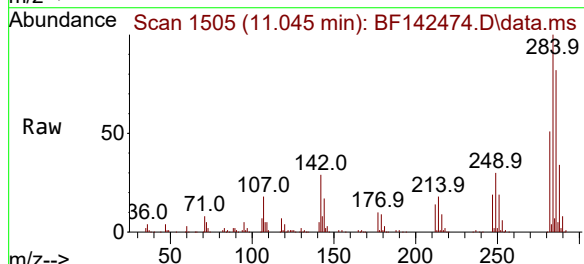
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

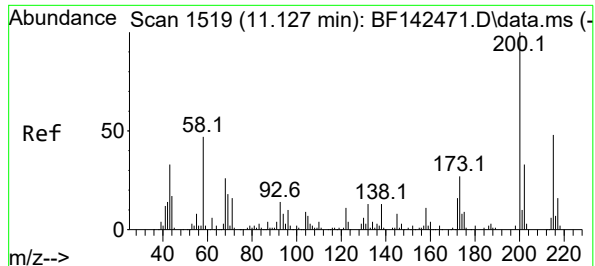
Tgt Ion:248 Resp: 264739
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.4
141 76.5 58.4 87.6



#68
Hexachlorobenzene
Concen: 76.555 ng
RT: 11.045 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:284 Resp: 287676
Ion Ratio Lower Upper
284 100
142 29.1 24.8 37.2
249 29.8 23.6 35.4





#69

Atrazine

Concen: 76.581 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

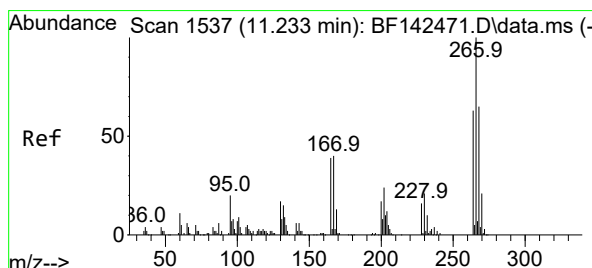
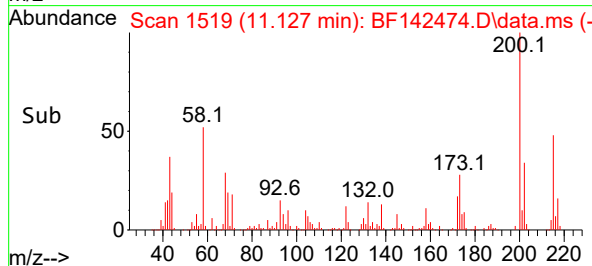
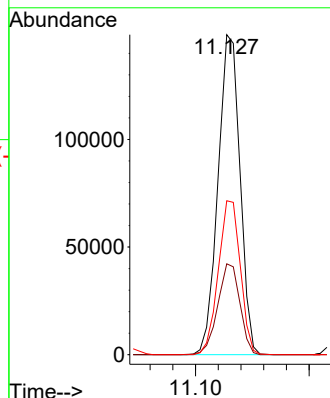
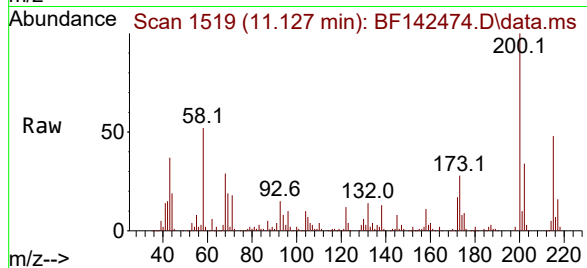
Tgt Ion:200 Resp: 199929

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 83.666 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

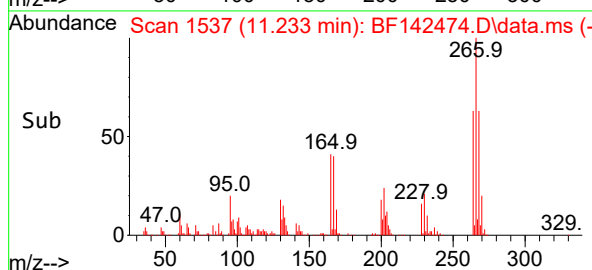
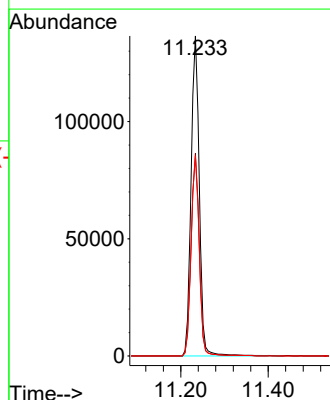
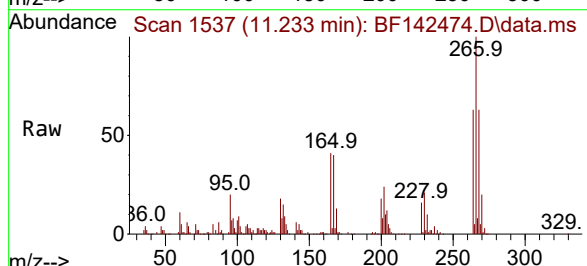
Tgt Ion:266 Resp: 177504

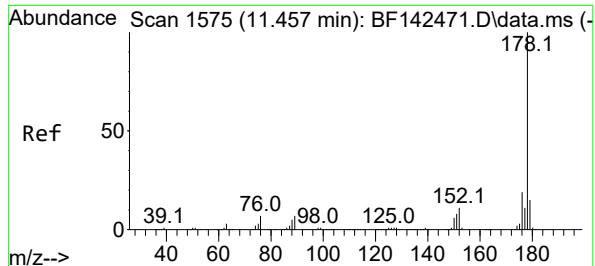
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 62.5 50.4 75.6

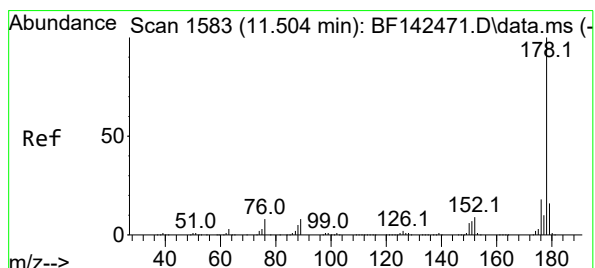
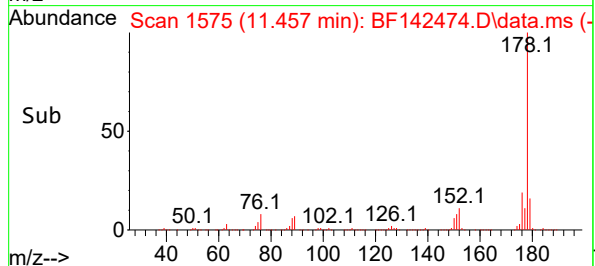
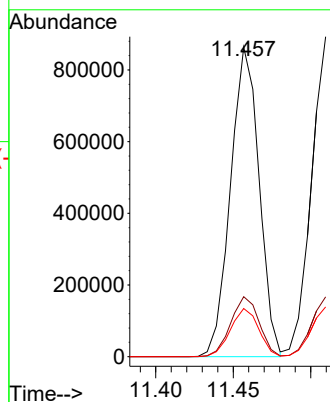
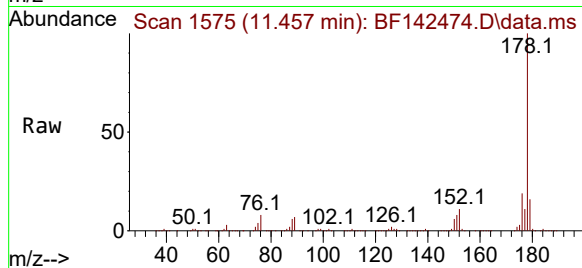




#71
Phenanthrene
Concen: 72.134 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

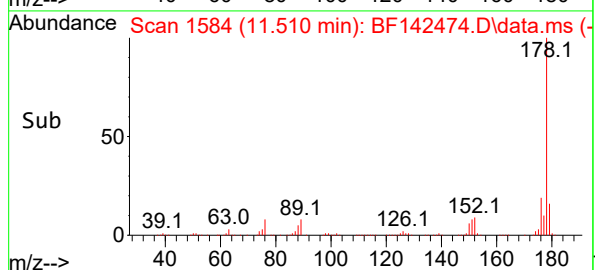
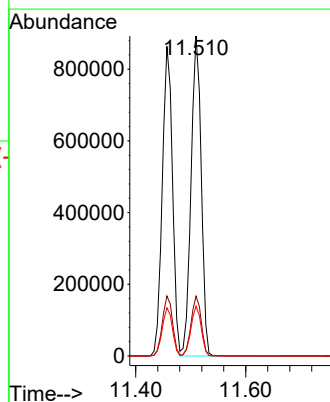
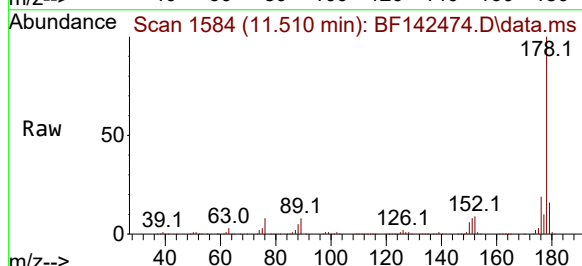
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

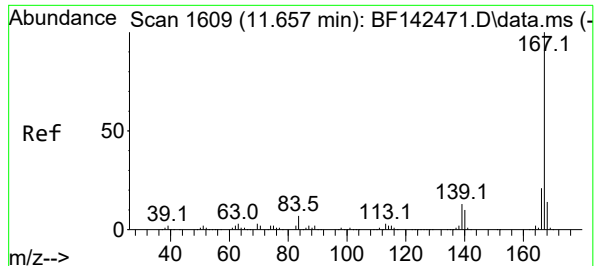
Tgt Ion:178 Resp: 1107683
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 73.009 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

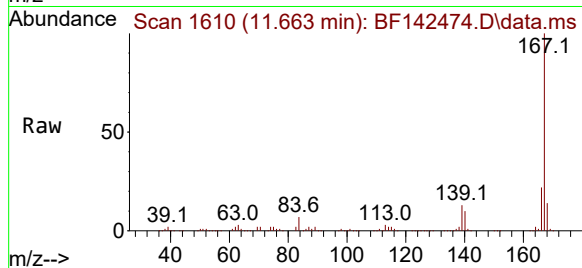
Tgt Ion:178 Resp: 1144182
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.5 12.4 18.6



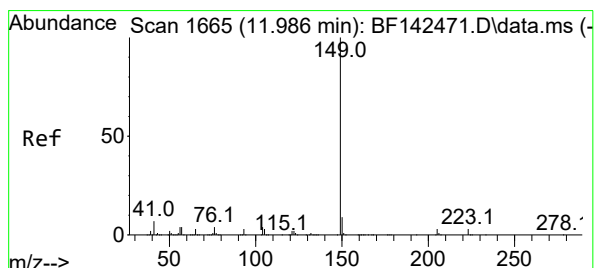
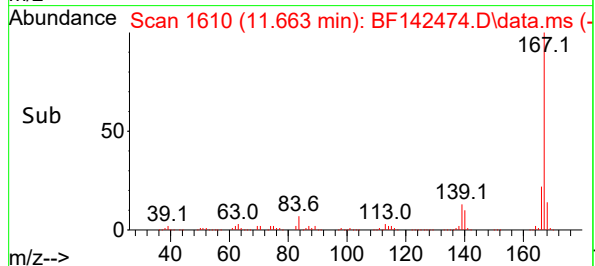
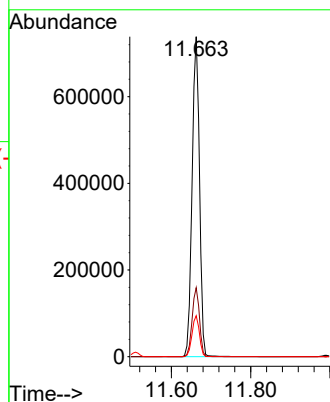


#73
Carbazole
Concen: 71.360 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

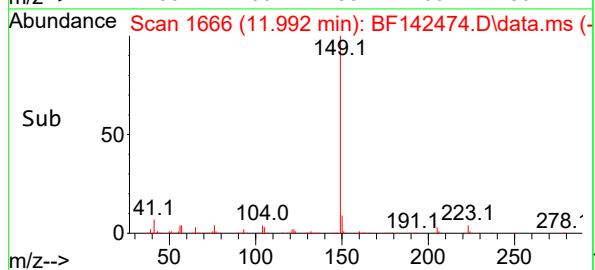
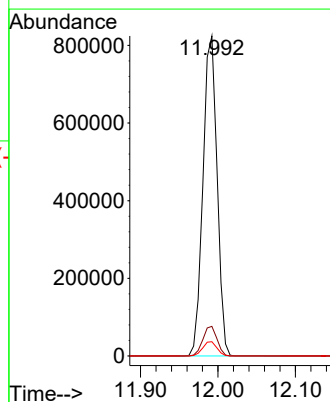
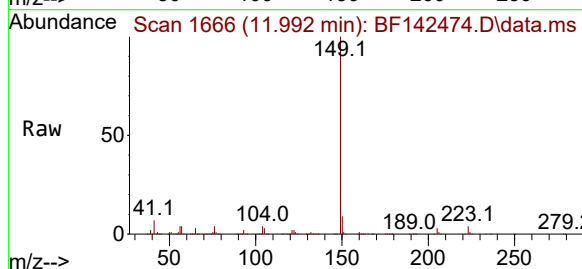


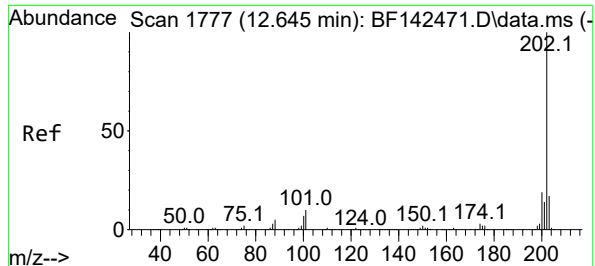
Tgt Ion:167 Resp: 956069
Ion Ratio Lower Upper
167 100
166 21.6 16.9 25.3
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 71.153 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 1043468
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.4 3.6 5.4

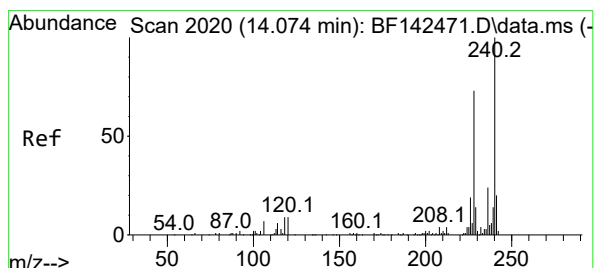
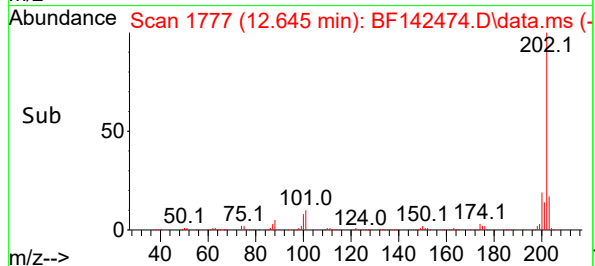
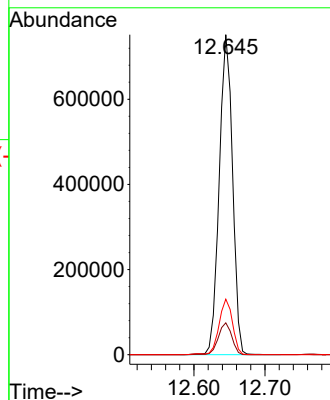
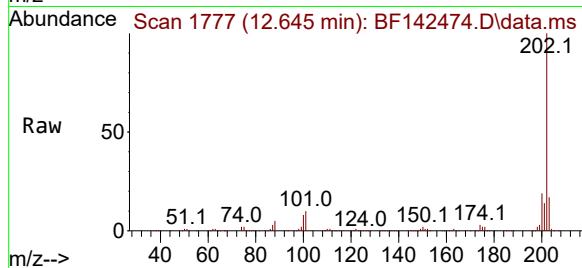




#75
Fluoranthene
Concen: 67.750 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

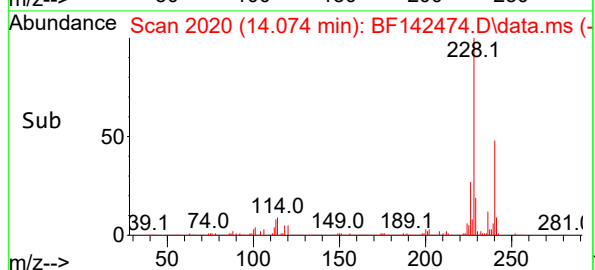
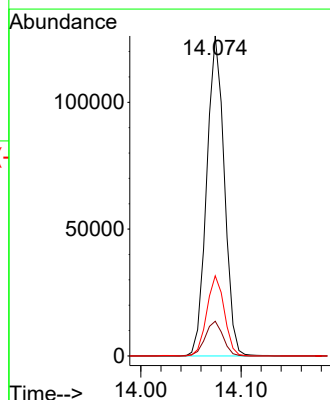
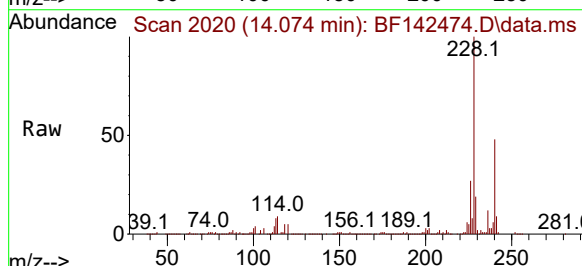
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

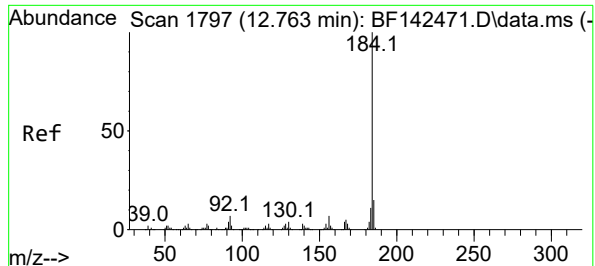
Tgt Ion:202 Resp: 972105
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.6
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:240 Resp: 154555
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.1 19.6 29.4

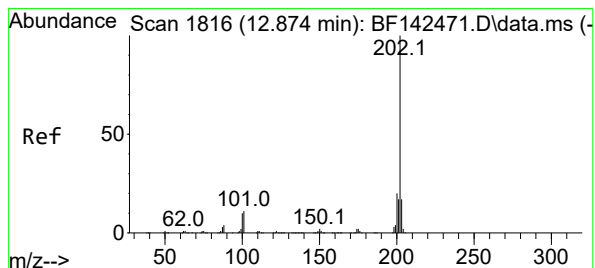
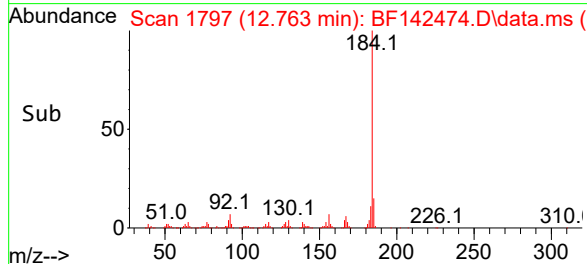
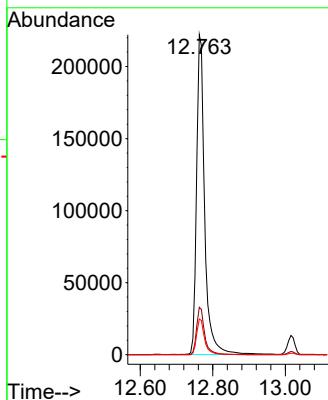
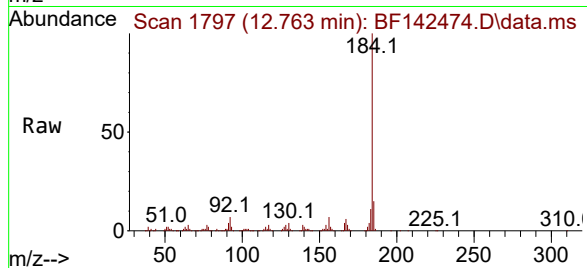




#77
Benzidine
Concen: 59.795 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

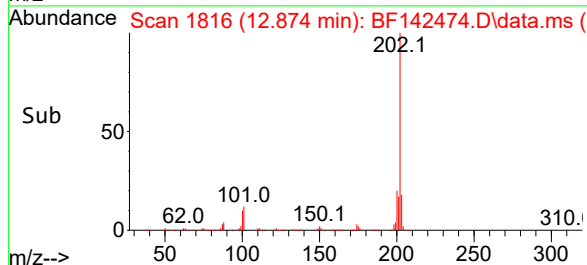
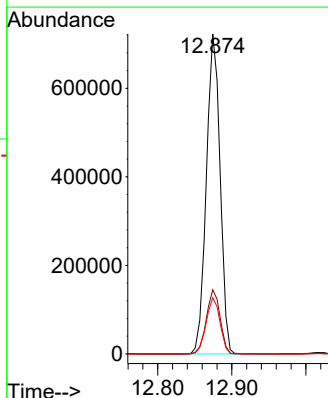
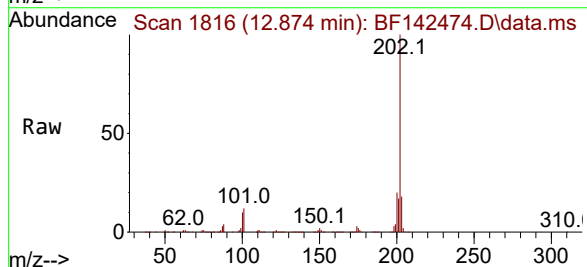
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

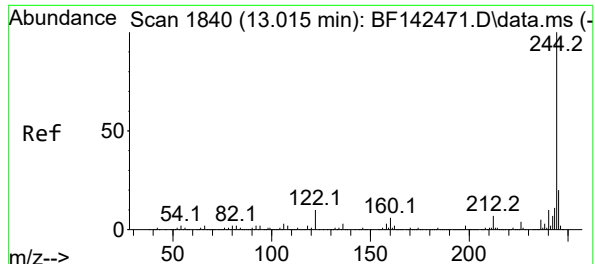
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	11.2	9.0	13.4



#78
Pyrene
Concen: 64.632 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.5	13.9	20.9





#79

Terphenyl-d14

Concen: 123.140 ng

RT: 13.015 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

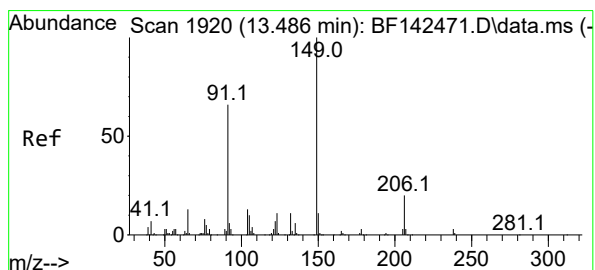
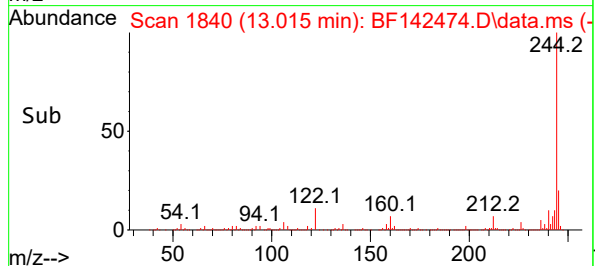
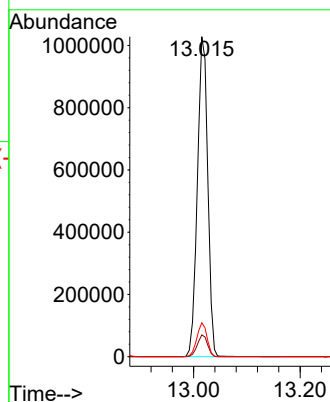
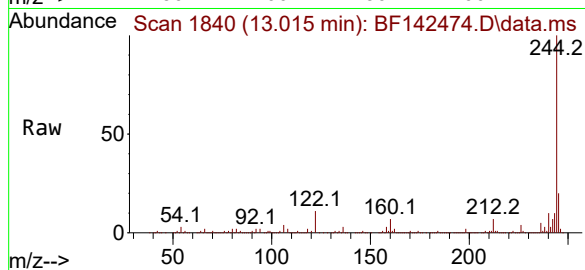
Tgt Ion:244 Resp: 1392704

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 10.6 8.2 12.2



#80

Butylbenzylphthalate

Concen: 80.252 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

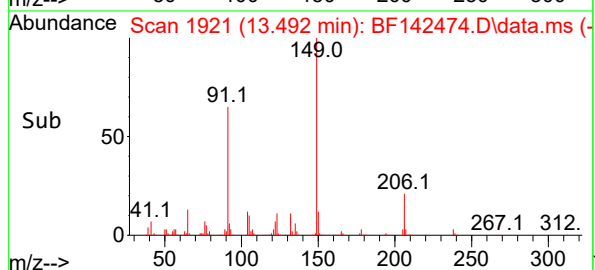
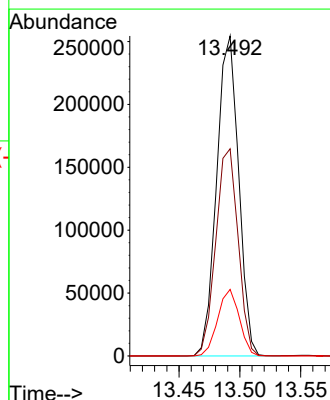
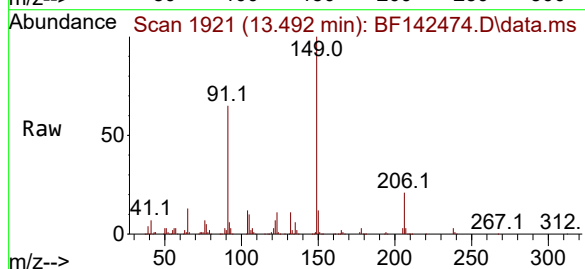
Tgt Ion:149 Resp: 319716

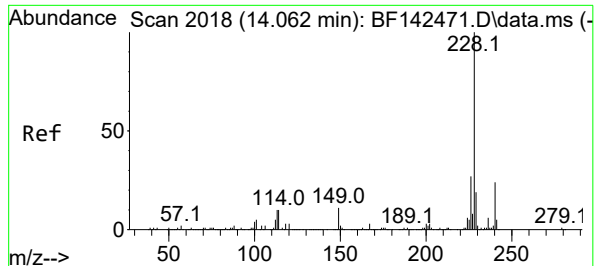
Ion Ratio Lower Upper

149 100

91 64.7 52.9 79.3

206 20.8 16.2 24.2

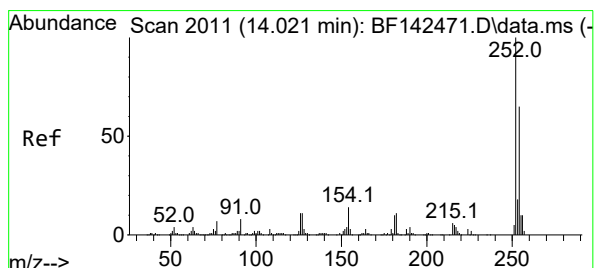
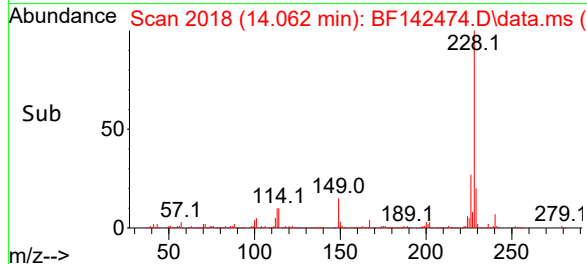
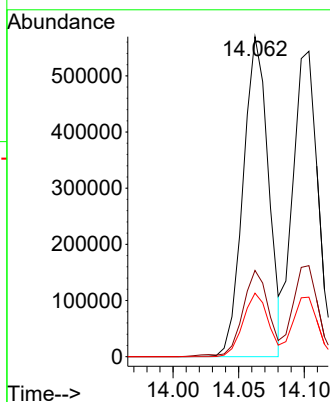
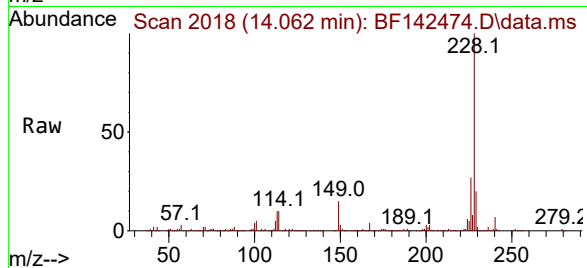




#81
Benzo(a)anthracene
Concen: 74.167 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

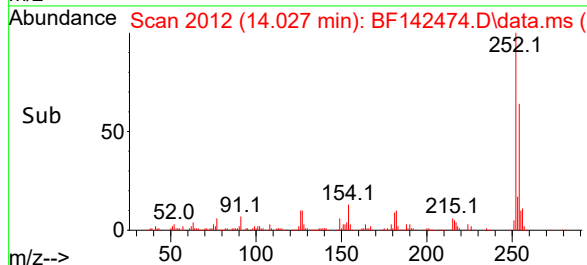
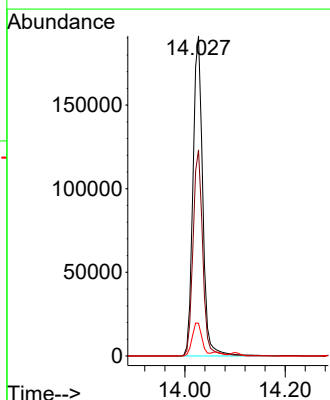
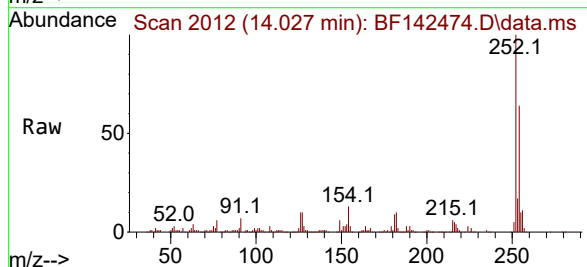
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

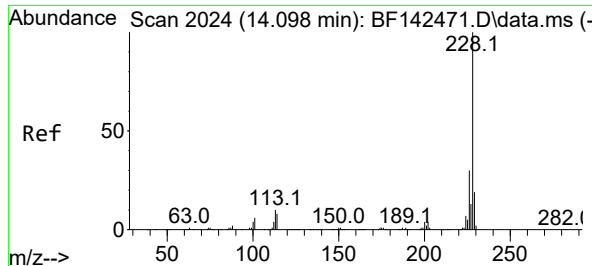
Tgt Ion:228 Resp: 765441
Ion Ratio Lower Upper
228 100
226 27.0 21.2 31.8
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 82.274 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:252 Resp: 257542
Ion Ratio Lower Upper
252 100
254 64.4 52.0 78.0
126 10.2 8.9 13.3





#83

Chrysene

Concen: 77.206 ng

RT: 14.104 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

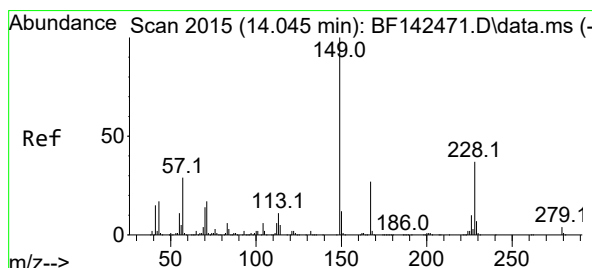
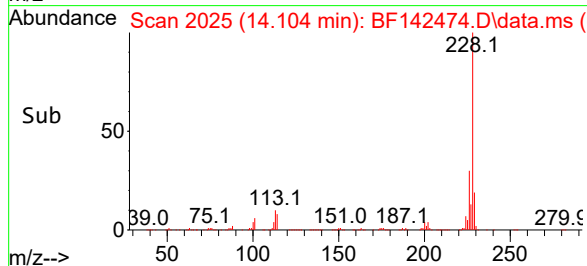
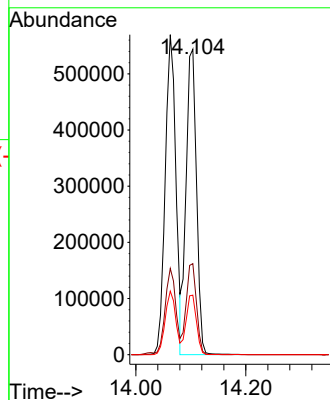
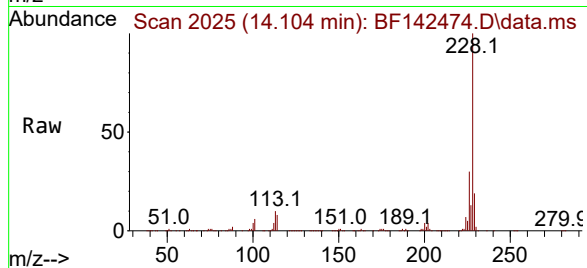
Tgt Ion:228 Resp: 715970

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 88.168 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

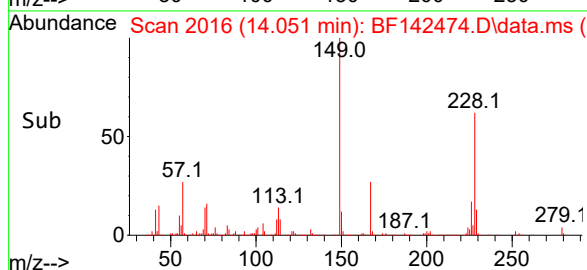
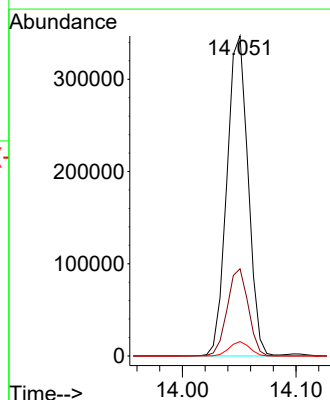
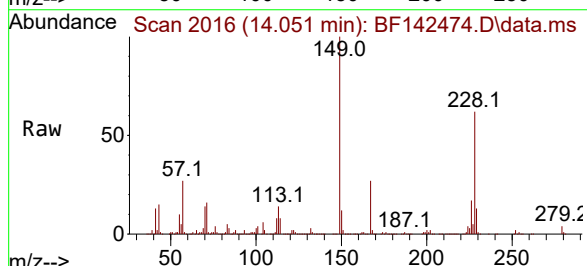
Tgt Ion:149 Resp: 449654

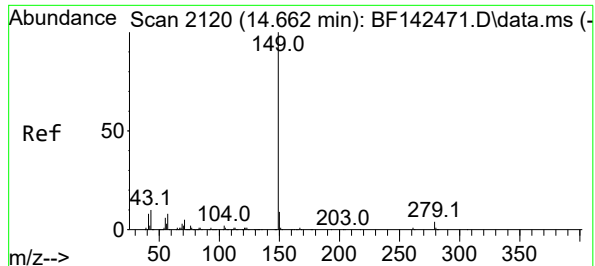
Ion Ratio Lower Upper

149 100

167 27.3 21.5 32.3

279 4.5 3.2 4.8

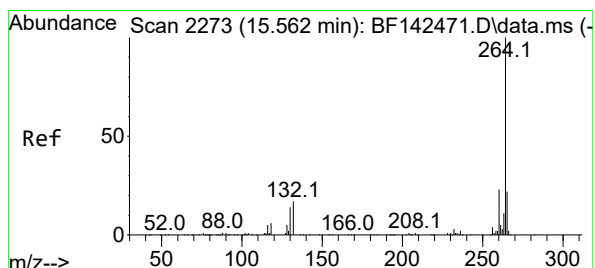
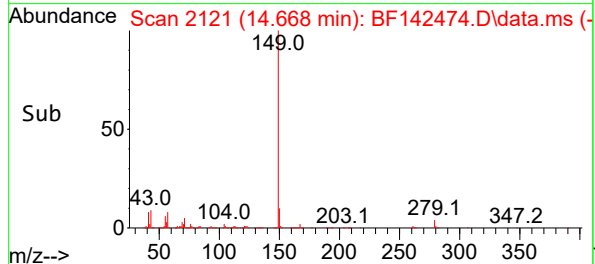
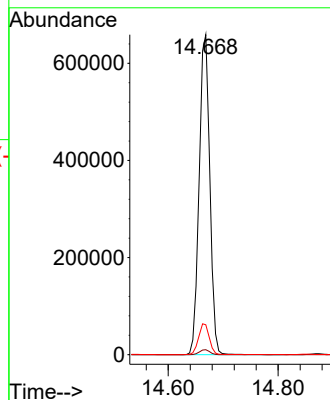
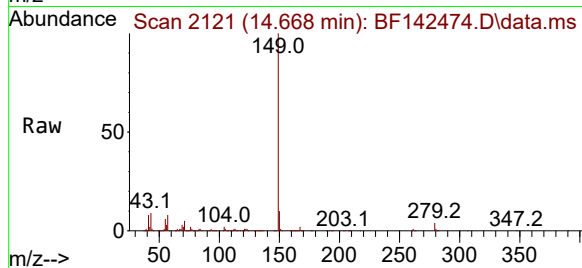




#85
Di-n-octyl phthalate
Concen: 89.073 ng
RT: 14.668 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

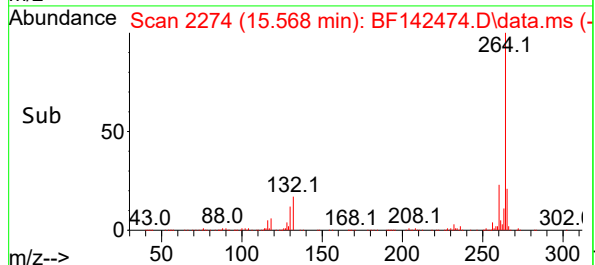
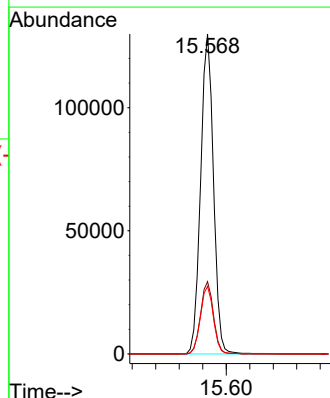
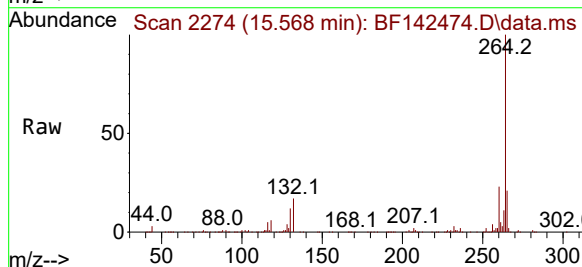
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

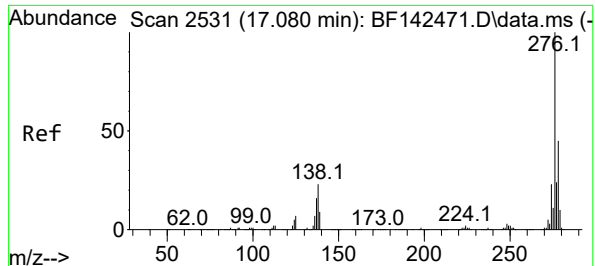
Tgt Ion:149 Resp: 888230
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:264 Resp: 196342
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 21.2 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 76.417 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

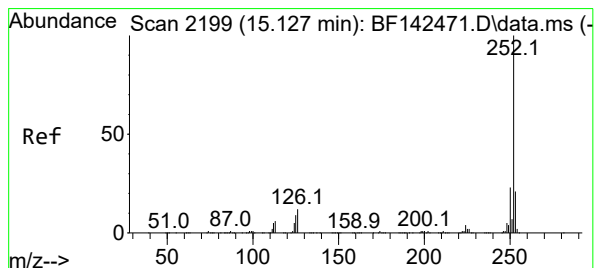
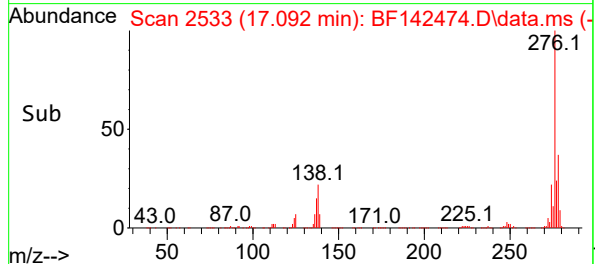
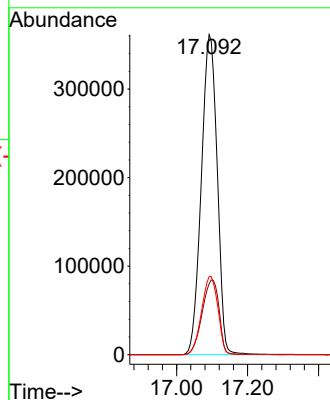
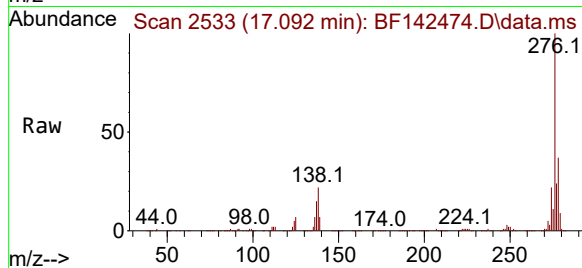
Tgt Ion:276 Resp: 1126401

Ion Ratio Lower Upper

276 100

138 24.8 19.9 29.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 75.267 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

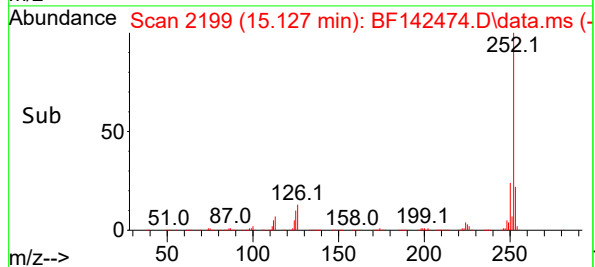
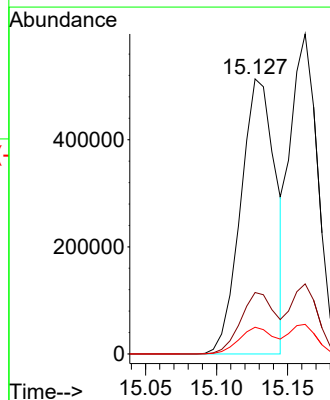
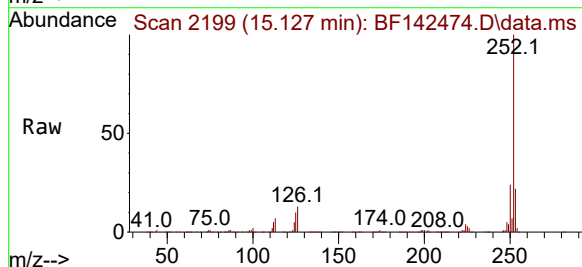
Tgt Ion:252 Resp: 874640

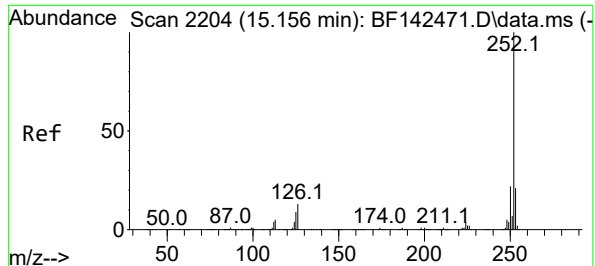
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 73.850 ng

RT: 15.162 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

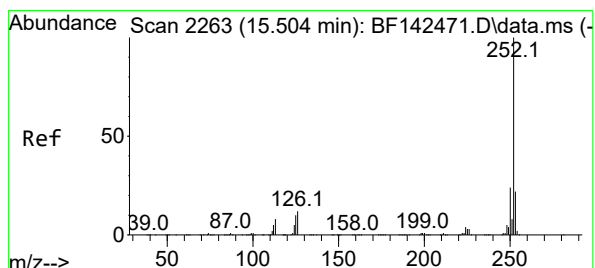
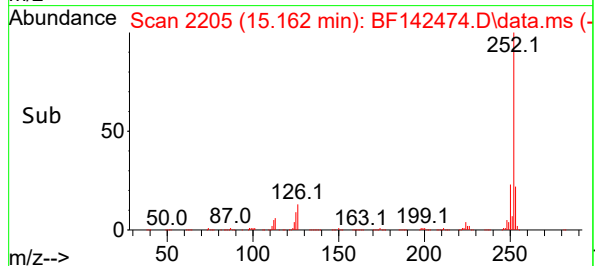
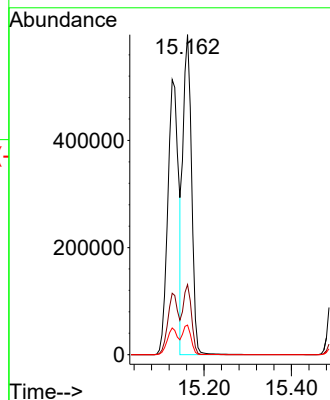
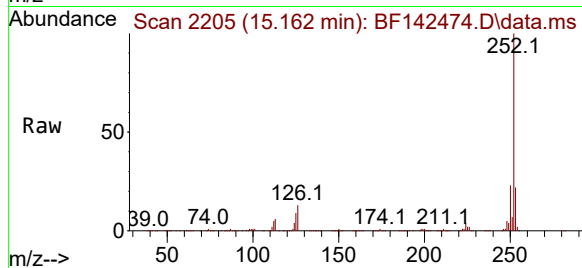
Tgt Ion:252 Resp: 803775

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.2 7.3 10.9



#90

Benzo(a)pyrene

Concen: 76.121 ng

RT: 15.509 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF142474.D

Acq: 20 May 2025 15:31

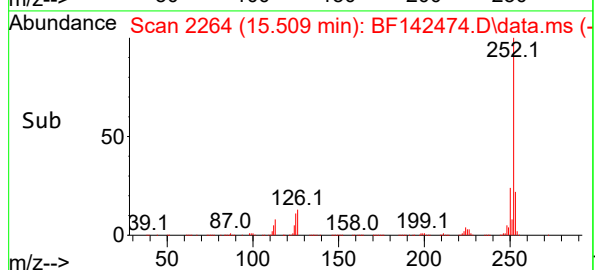
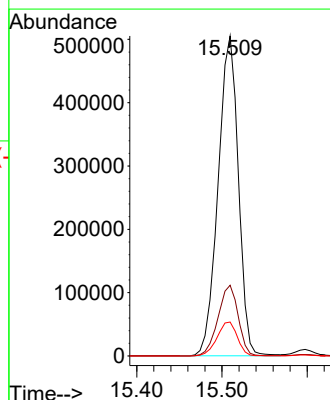
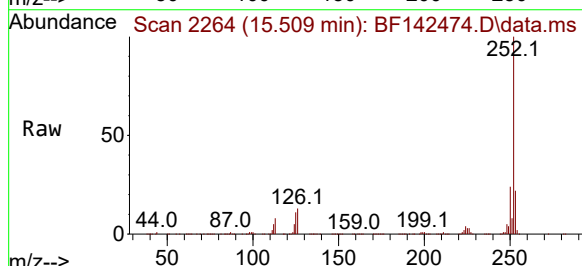
Tgt Ion:252 Resp: 833783

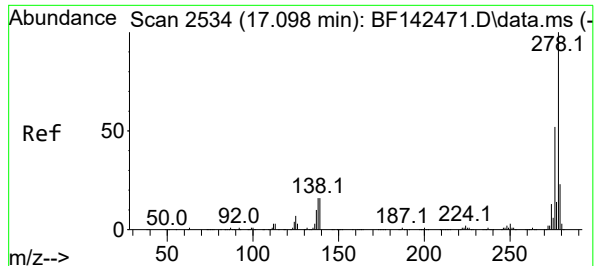
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.6 7.9 11.9

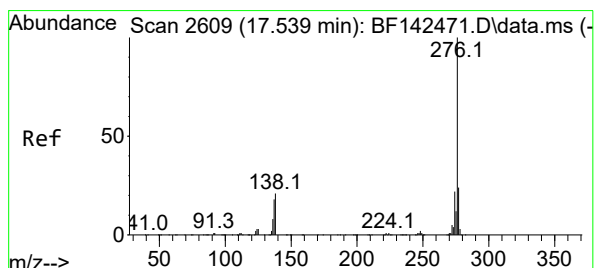
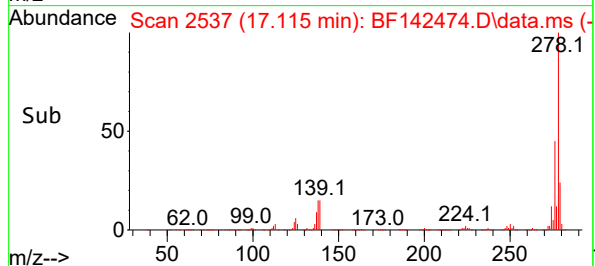
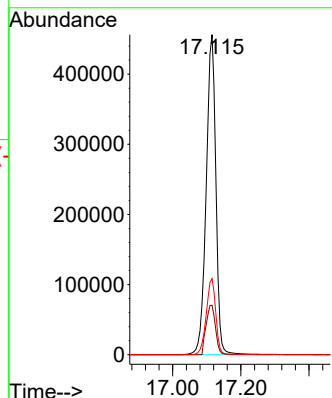
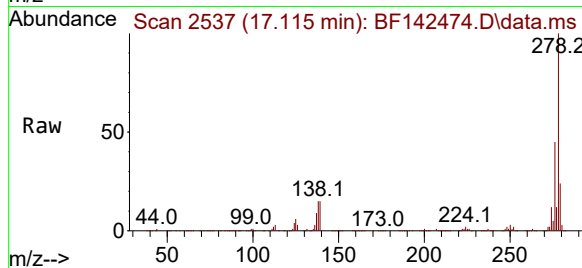




#91
Dibenzo(a,h)anthracene
Concen: 75.513 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

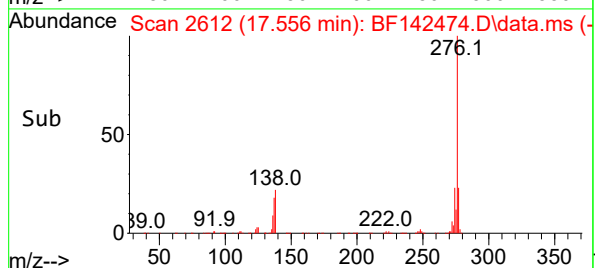
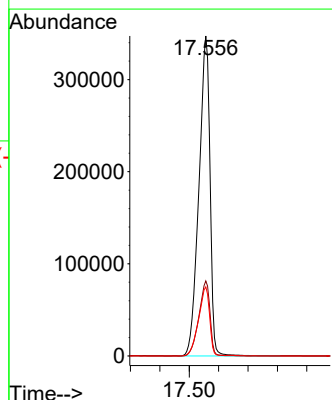
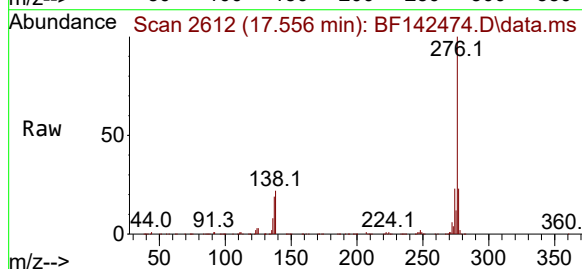
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 902757
Ion Ratio Lower Upper
278 100
139 15.5 12.8 19.2
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 76.073 ng
RT: 17.556 min Scan# 2612
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:276 Resp: 909649
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 21.6 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	99411	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	385222	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	213164	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	348749	20.000	ng	0.00
76) Chrysene-d12	14.074	240	171632	20.000	ng	0.00
86) Perylene-d12	15.562	264	195956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	443470	75.157	ng	0.00
7) Phenol-d6	6.522	99	539999	76.025	ng	-0.01
23) Nitrobenzene-d5	7.463	82	545967	77.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	179309	75.790	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1152622	72.557	ng	0.00
79) Terphenyl-d14	13.016	244	976059	77.714	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	90159	38.184	ng	99
3) Pyridine	3.434	79	232139	38.607	ng	99
4) n-Nitrosodimethylamine	3.381	42	121742	38.995	ng	99
6) Aniline	6.563	93	366889	38.415	ng	99
8) 2-Chlorophenol	6.681	128	243599	37.902	ng	97
9) Benzaldehyde	6.451	77	165445	38.726	ng	98
10) Phenol	6.539	94	306601	38.362	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	220228	38.280	ng	100
12) 1,3-Dichlorobenzene	6.839	146	269504	37.579	ng	100
13) 1,4-Dichlorobenzene	6.922	146	275076	38.078	ng	98
14) 1,2-Dichlorobenzene	7.069	146	260709	37.716	ng	100
15) Benzyl Alcohol	7.039	79	202944	38.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	366430	37.927	ng	100
17) 2-Methylphenol	7.145	107	193190	38.500	ng	99
18) Hexachloroethane	7.416	117	96202	38.137	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	166542	37.833	ng	99
20) 3+4-Methylphenols	7.304	107	244310	38.020	ng	100
22) Acetophenone	7.310	105	325056	38.118	ng	100
24) Nitrobenzene	7.486	77	246818	38.737	ng	100
25) Isophorone	7.722	82	447723	37.906	ng	99
26) 2-Nitrophenol	7.798	139	136039	39.958	ng	99
27) 2,4-Dimethylphenol	7.833	122	233871	38.953	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	283379	38.407	ng	99
29) 2,4-Dichlorophenol	8.039	162	209040	38.285	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	226285	38.187	ng	98
31) Naphthalene	8.210	128	722913	38.112	ng	100
32) Benzoic acid	7.939	122	147981	40.490	ng	98
33) 4-Chloroaniline	8.251	127	299462	38.962	ng	99
34) Hexachlorobutadiene	8.322	225	142496	38.512	ng	99
35) Caprolactam	8.622	113	60055	39.162	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	216299	38.654	ng	99
37) 2-Methylnaphthalene	8.898	142	454200	38.062	ng	100
38) 1-Methylnaphthalene	8.998	142	471880	38.229	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	229514	37.508	ng	99
41) Hexachlorocyclopentadiene	9.051	237	165077	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	156603	37.954	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

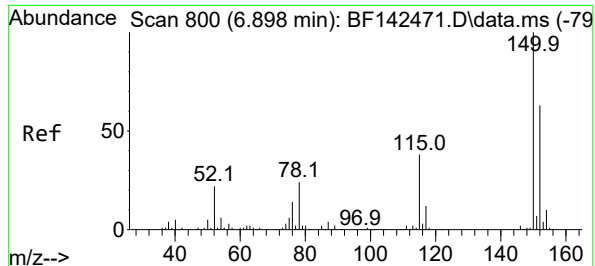
Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	164342	37.766	ng	99
46) 1,1'-Biphenyl	9.363	154	619947	37.487	ng	100
47) 2-Chloronaphthalene	9.386	162	461414	37.763	ng	99
48) 2-Nitroaniline	9.480	65	137268	38.867	ng	99
49) Acenaphthylene	9.804	152	776377	37.630	ng	100
50) Dimethylphthalate	9.663	163	523004	37.184	ng	100
51) 2,6-Dinitrotoluene	9.722	165	115938	38.191	ng	98
52) Acenaphthene	9.975	154	477197	37.877	ng	100
53) 3-Nitroaniline	9.892	138	126814	38.246	ng	98
54) 2,4-Dinitrophenol	9.992	184	65057	41.481	ng #	35
55) Dibenzofuran	10.145	168	673871	37.170	ng	100
56) 4-Nitrophenol	10.045	139	96197	39.320	ng	98
57) 2,4-Dinitrotoluene	10.127	165	152488	38.463	ng	99
58) Fluorene	10.492	166	513487	36.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	138047	38.000	ng	98
60) Diethylphthalate	10.363	149	519861	37.844	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	254467	36.985	ng	99
62) 4-Nitroaniline	10.504	138	114671	38.132	ng	100
63) Azobenzene	10.645	77	466131	37.780	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	82393	42.334	ng	99
66) n-Nitrosodiphenylamine	10.598	169	454975	38.132	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	157480	38.189	ng	99
68) Hexachlorobenzene	11.039	284	175840	38.554	ng	99
69) Atrazine	11.127	200	125293	39.541	ng	99
70) Pentachlorophenol	11.227	266	105232	40.866	ng	98
71) Phenanthrene	11.457	178	698503	37.478	ng	100
72) Anthracene	11.504	178	723416	38.032	ng	100
73) Carbazole	11.657	167	622812	38.300	ng	100
74) Di-n-butylphthalate	11.986	149	686988	38.596	ng	100
75) Fluoranthene	12.645	202	652697	37.479	ng	100
77) Benzidine	12.763	184	271606	42.525	ng	100
78) Pyrene	12.874	202	642163	40.108	ng	100
80) Butylbenzylphthalate	13.492	149	178179	40.275	ng	97
81) Benzo(a)anthracene	14.063	228	435297	37.981	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	135132	38.874	ng	100
83) Chrysene	14.098	228	388943	37.768	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	229915	40.596	ng	99
85) Di-n-octyl phthalate	14.662	149	443488	40.048	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	574771	39.070	ng	100
88) Benzo(b)fluoranthene	15.121	252	433704	37.396	ng	98
89) Benzo(k)fluoranthene	15.157	252	404679	37.255	ng	99
90) Benzo(a)pyrene	15.504	252	421730	38.578	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	463752	38.868	ng	100
92) Benzo(g,h,i)perylene	17.539	276	457604	38.345	ng	99

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

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

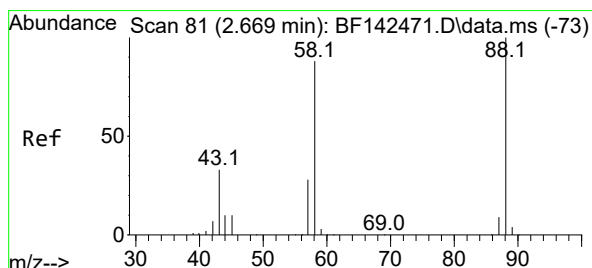
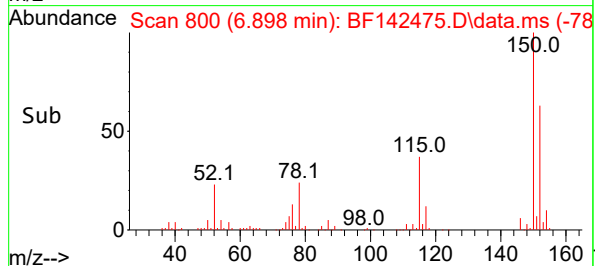
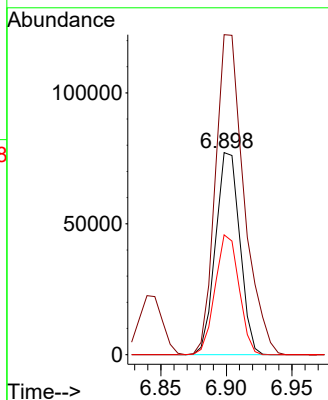
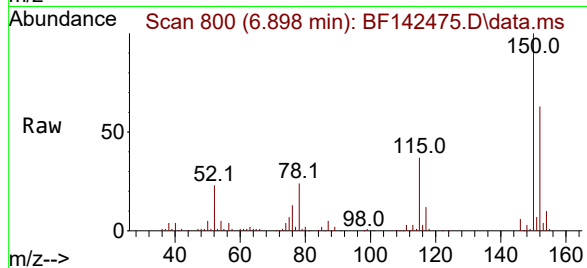
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

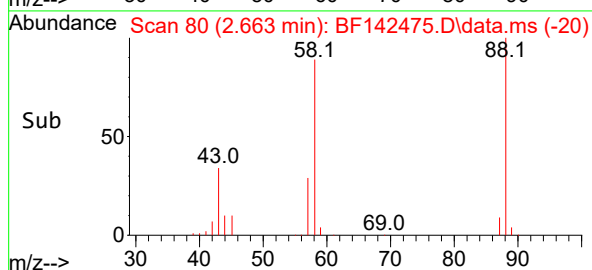
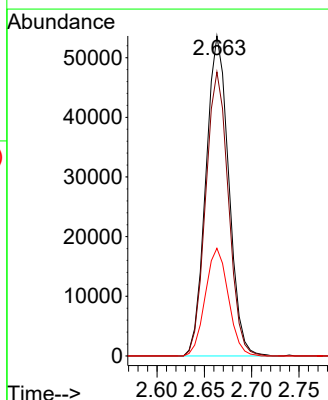
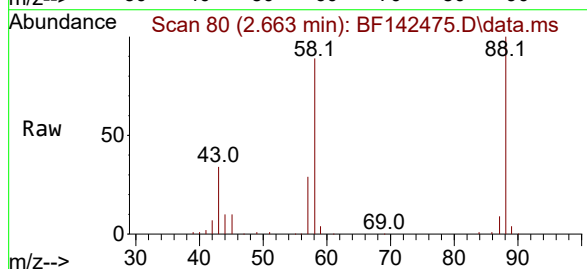
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

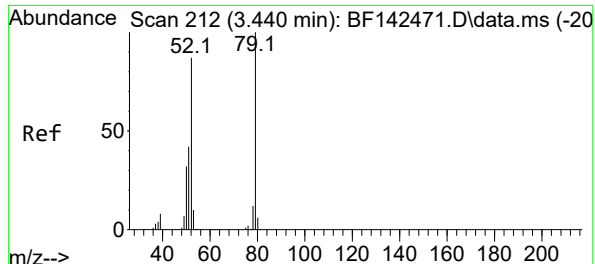
Tgt Ion:152 Resp: 99411
Ion Ratio Lower Upper
152 100
150 158.4 128.2 192.4
115 59.3 48.3 72.5



#2
1,4-Dioxane
Concen: 38.184 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 88 Resp: 90159
Ion Ratio Lower Upper
88 100
58 88.1 70.8 106.2
43 33.9 26.6 40.0

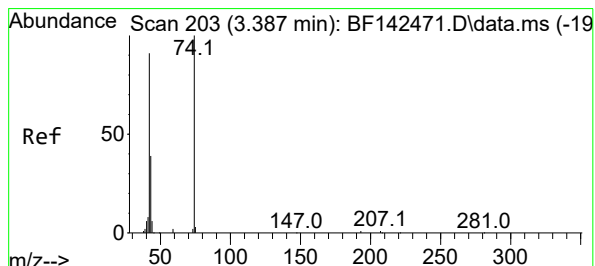
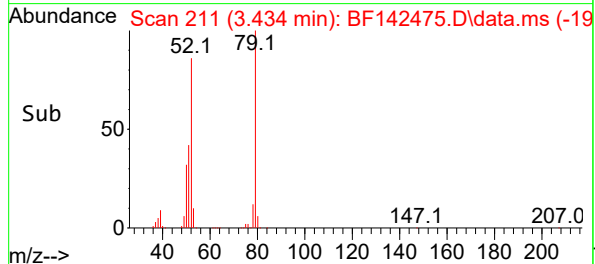
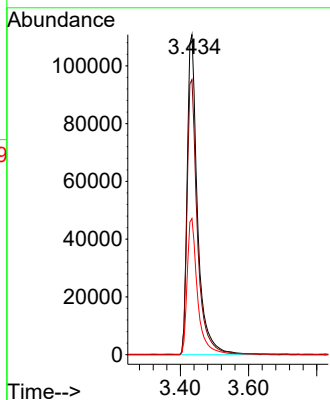
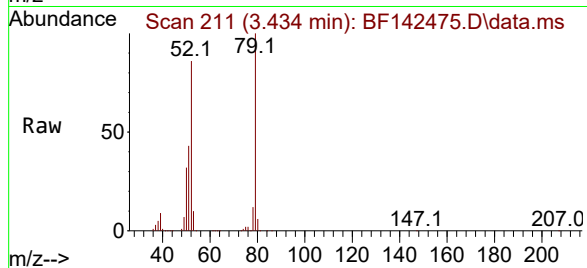




#3
Pyridine
Concen: 38.607 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

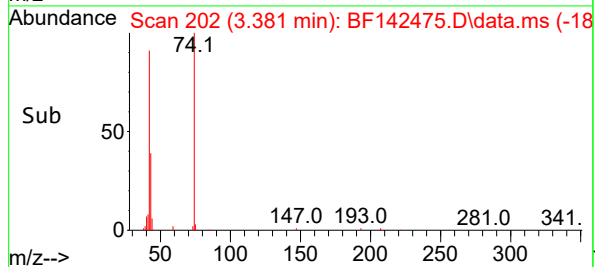
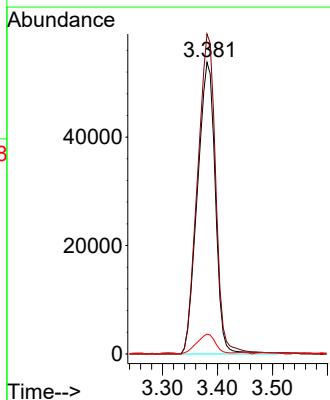
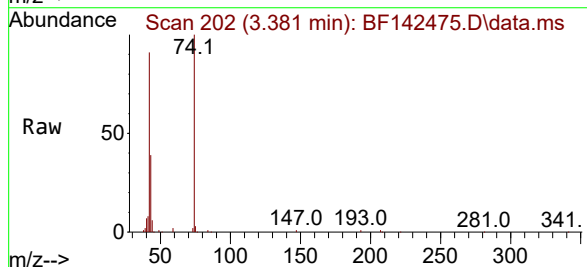
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

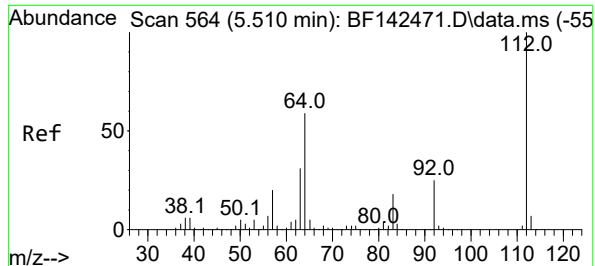
Tgt Ion: 79 Resp: 232139
Ion Ratio Lower Upper
79 100
52 85.9 69.2 103.8
51 42.6 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 38.995 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.023 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 42 Resp: 121742
Ion Ratio Lower Upper
42 100
74 109.7 88.2 132.4
44 6.8 5.4 8.2

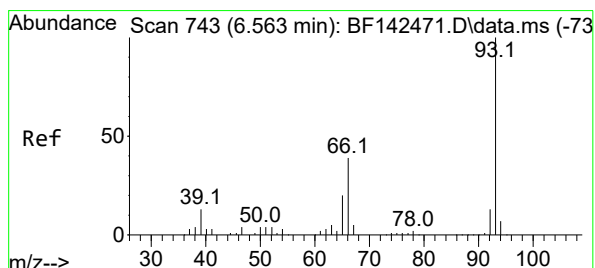
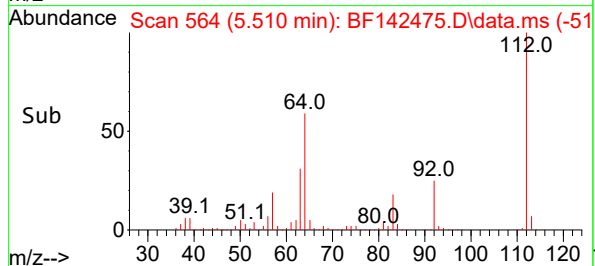
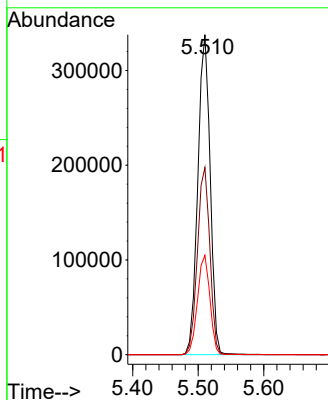
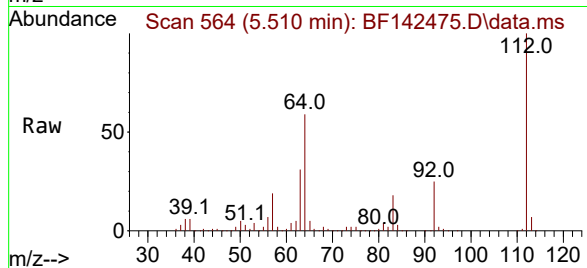




#5
2-Fluorophenol
Concen: 75.157 ng
RT: 5.510 min Scan# 509
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

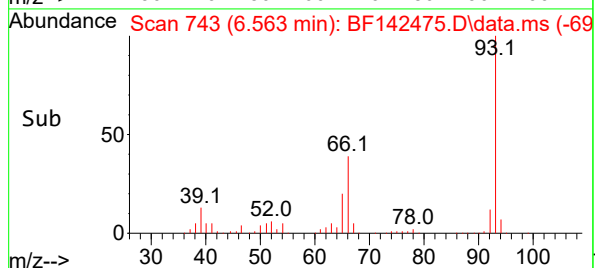
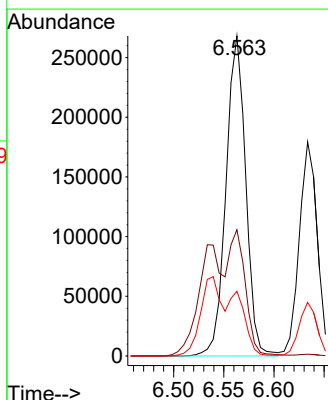
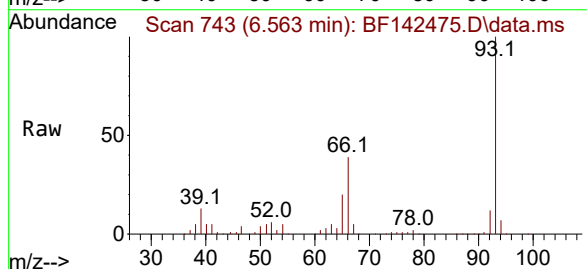
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

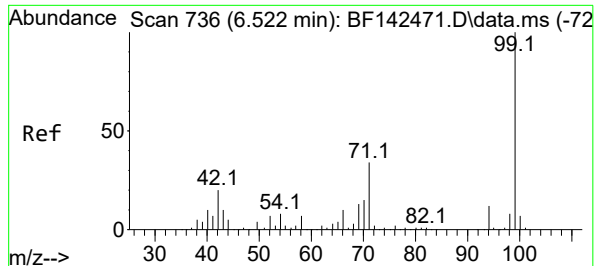
Tgt Ion:112 Resp: 443470
Ion Ratio Lower Upper
112 100
64 58.5 47.5 71.3
63 31.1 24.9 37.3



#6
Aniline
Concen: 38.415 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 93 Resp: 366889
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 20.2 16.1 24.1





#7

Phenol-d6

Concen: 76.025 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

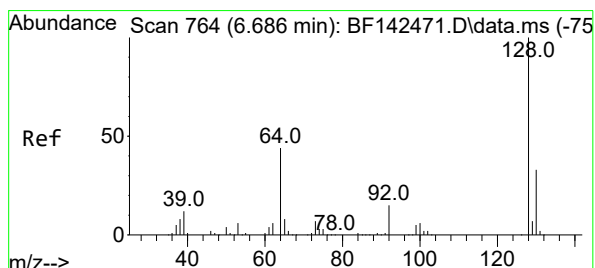
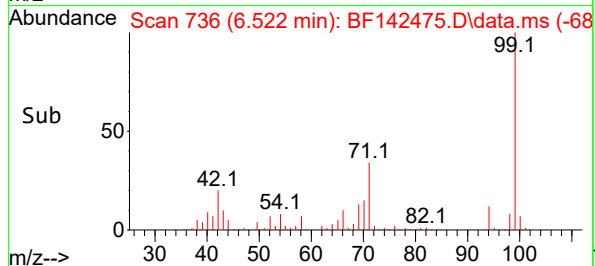
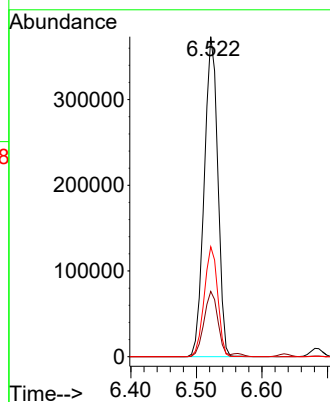
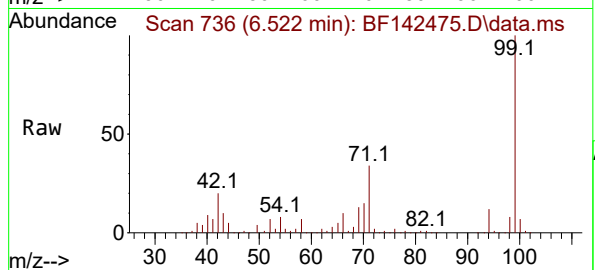
Tgt Ion: 99 Resp: 539999

Ion Ratio Lower Upper

99 100

42 20.4 16.2 24.2

71 34.3 27.3 40.9



#8

2-Chlorophenol

Concen: 37.902 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

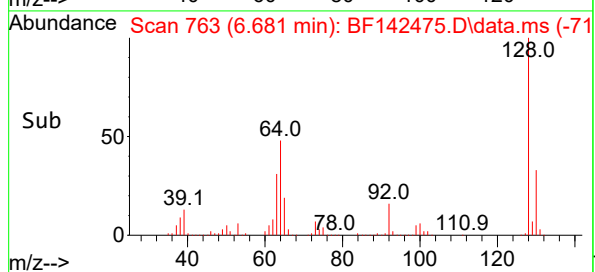
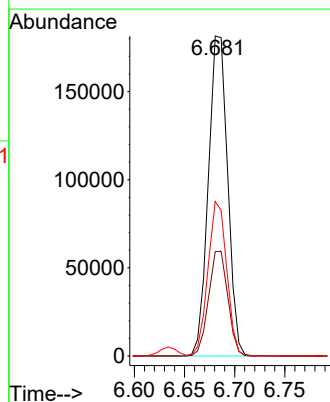
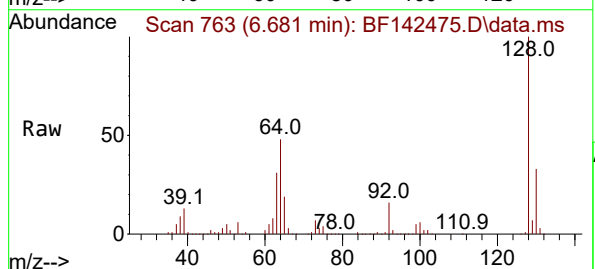
Tgt Ion: 128 Resp: 243599

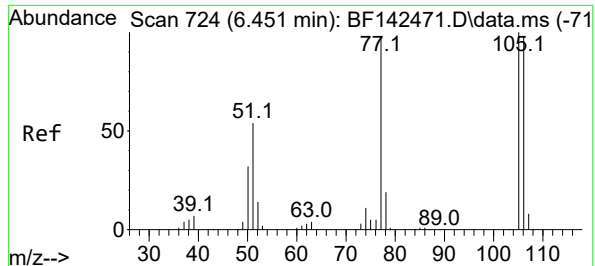
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 48.3 25.1 65.1





#9
Benzaldehyde

Concen: 38.726 ng

RT: 6.451 min Scan# 724

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

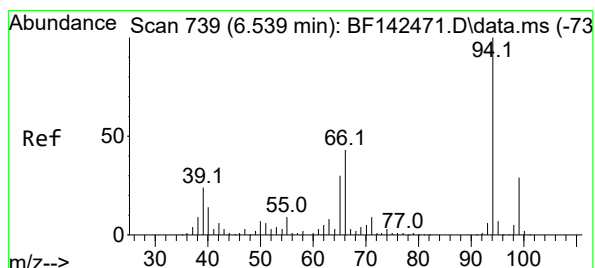
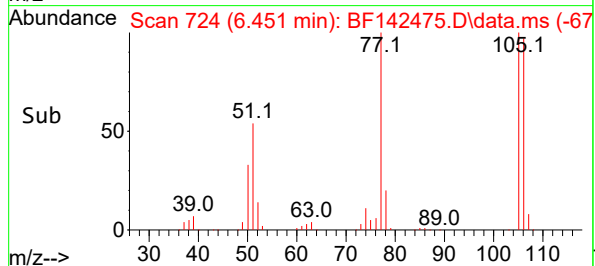
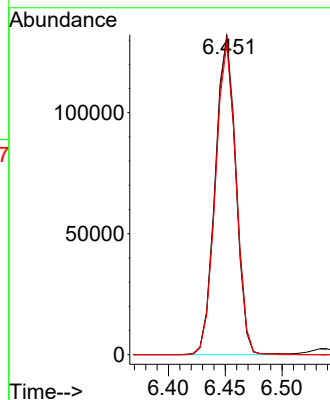
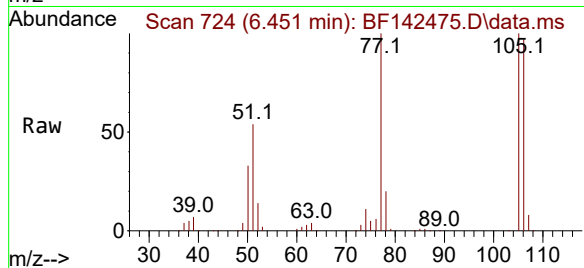
Tgt Ion: 77 Resp: 165445

Ion Ratio Lower Upper

77 100

105 100.5 82.5 122.5

106 97.4 80.0 120.0



#10

Phenol

Concen: 38.362 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

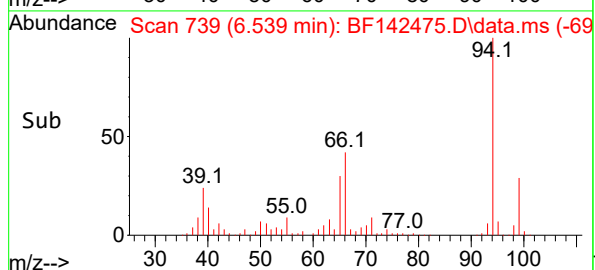
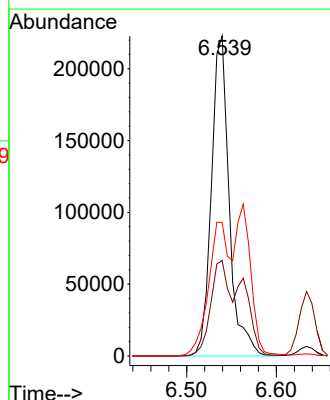
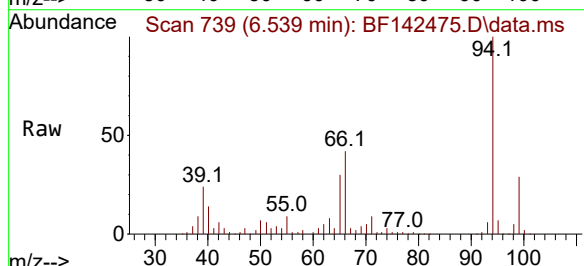
Tgt Ion: 94 Resp: 306601

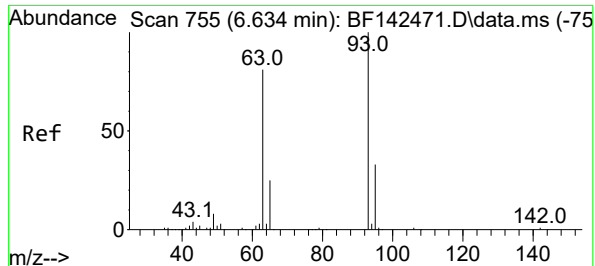
Ion Ratio Lower Upper

94 100

65 29.8 10.3 50.3

66 41.7 22.6 62.6

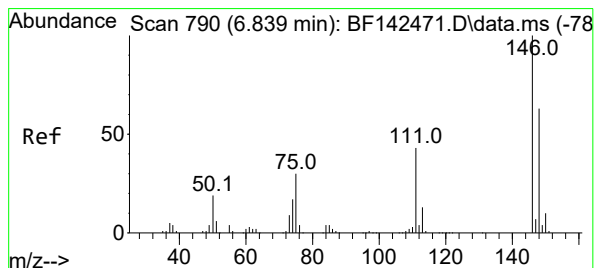
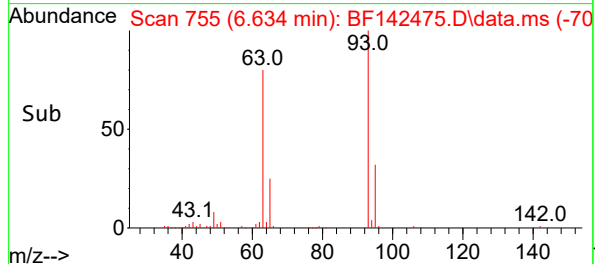
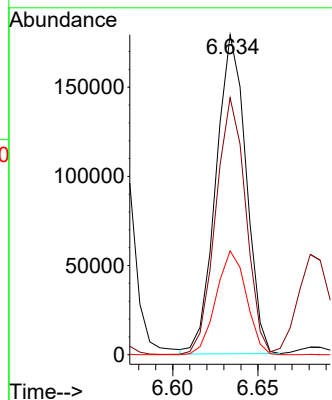
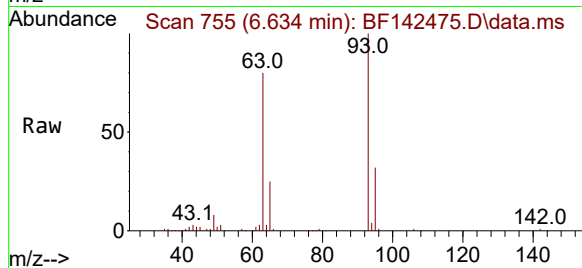




#11
bis(2-Chloroethyl)ether
Concen: 38.280 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

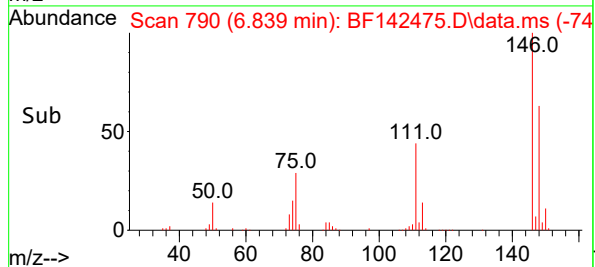
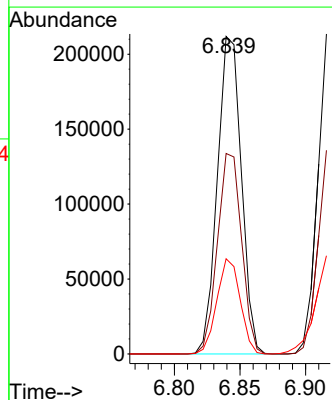
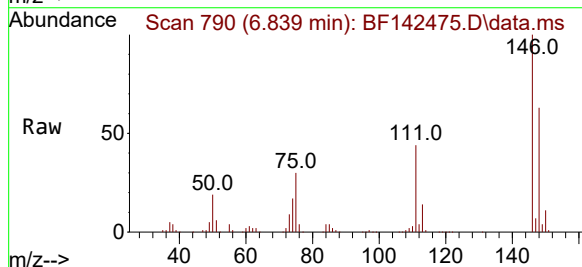
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

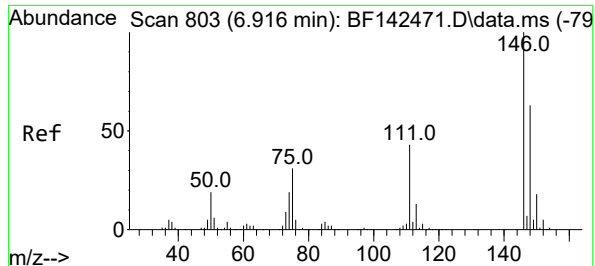
Tgt Ion: 93 Resp: 220228
Ion Ratio Lower Upper
93 100
63 80.3 60.2 100.2
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.579 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 146 Resp: 269504
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 30.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.078 ng

RT: 6.922 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF142475.D

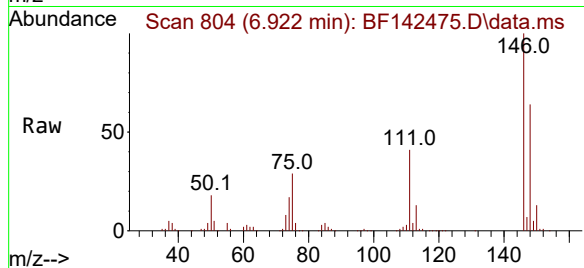
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



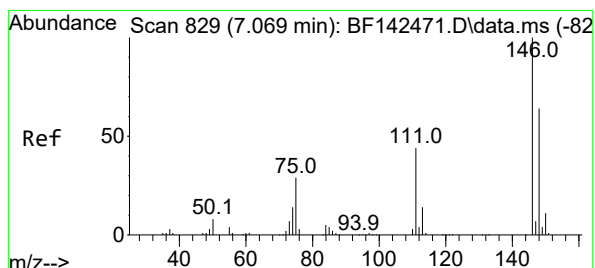
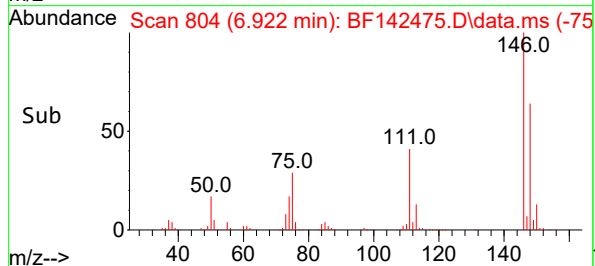
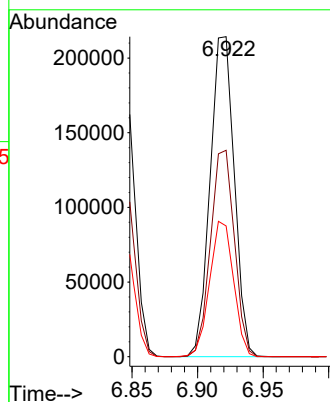
Tgt Ion:146 Resp: 275076

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

111 40.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 37.716 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

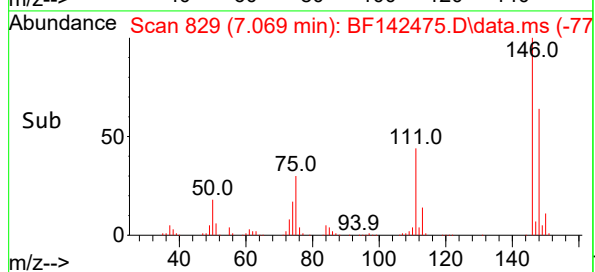
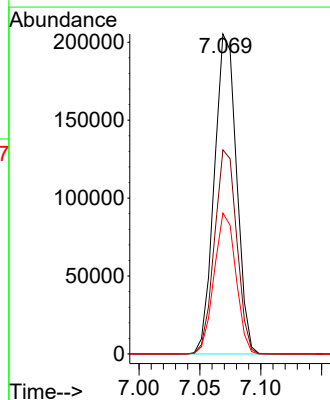
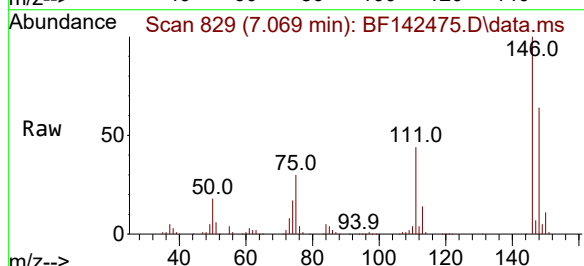
Tgt Ion:146 Resp: 260709

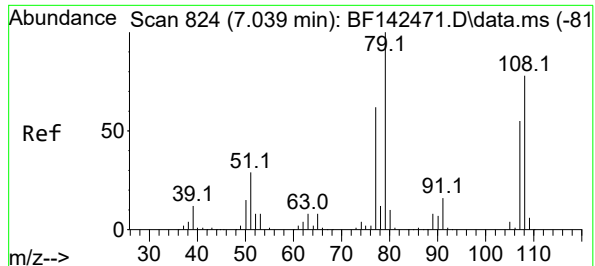
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

111 44.0 35.0 52.6





#15

Benzyl Alcohol

Concen: 38.663 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

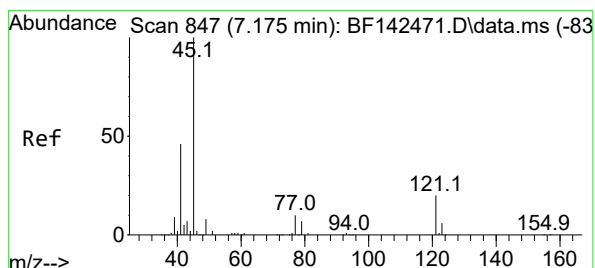
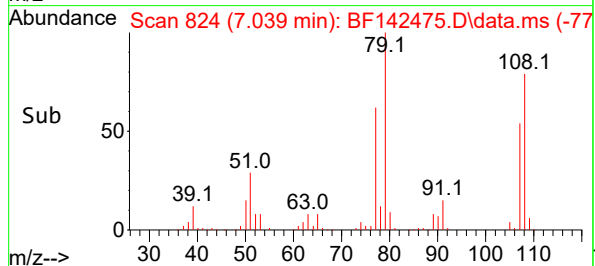
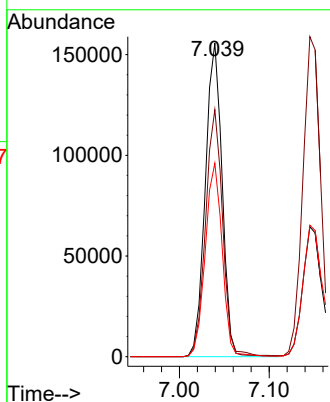
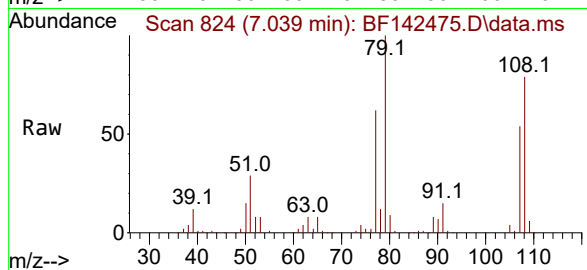
Tgt Ion: 79 Resp: 202944

Ion Ratio Lower Upper

79 100

108 78.8 62.1 93.1

77 61.7 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.927 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

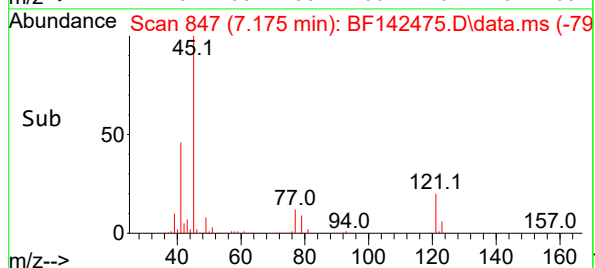
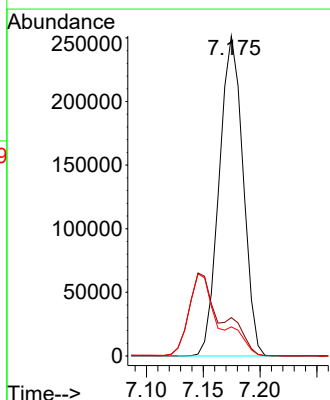
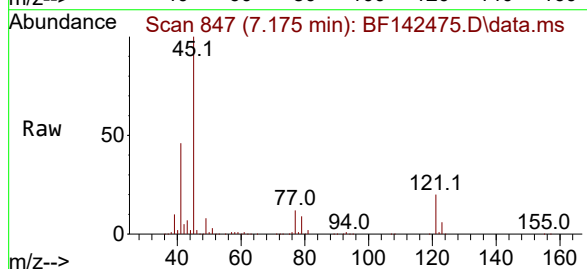
Tgt Ion: 45 Resp: 366430

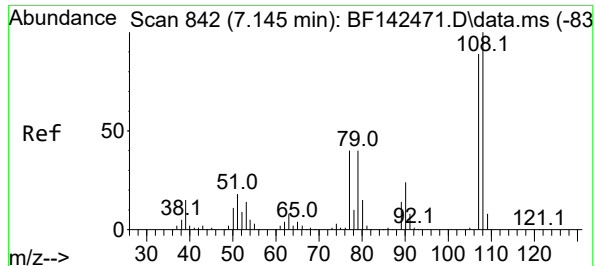
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.0

79 9.1 0.0 29.2

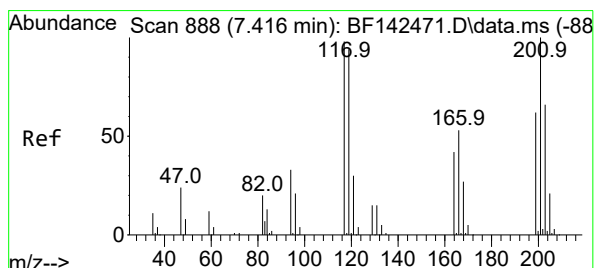
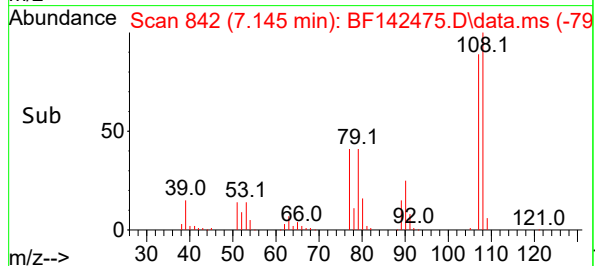
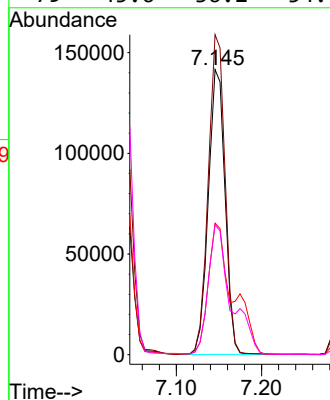
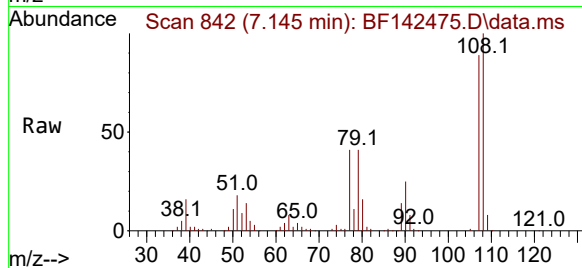




#17
2-Methylphenol
Concen: 38.500 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

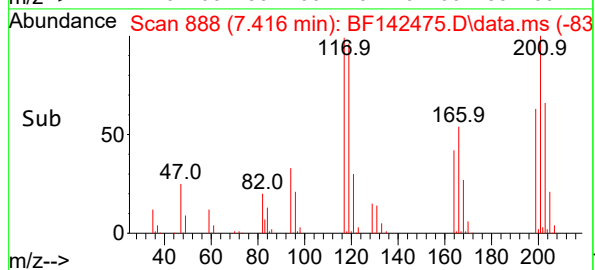
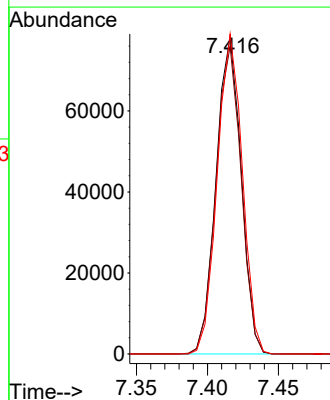
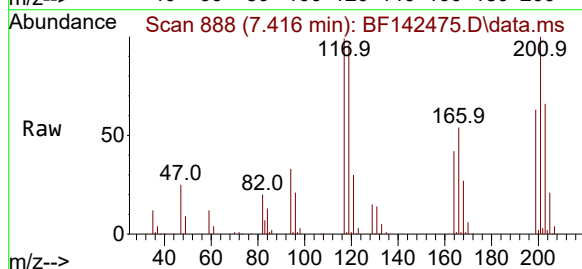
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

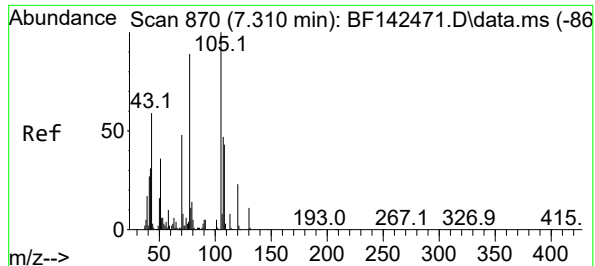
Tgt Ion:107 Resp: 193190
Ion Ratio Lower Upper
107 100
108 112.3 90.2 135.2
77 46.1 36.1 54.1
79 45.6 36.2 54.4



#18
Hexachloroethane
Concen: 38.137 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:117 Resp: 96202
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8
201 100.8 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.833 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

Tgt Ion: 70 Resp: 166542

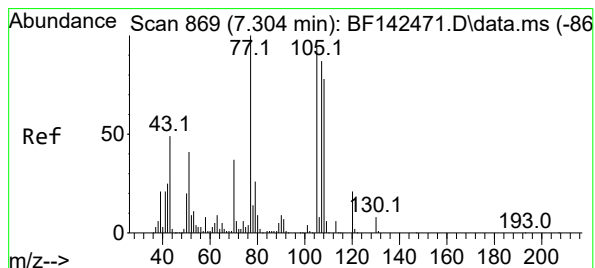
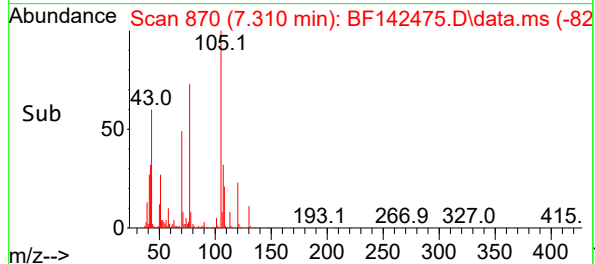
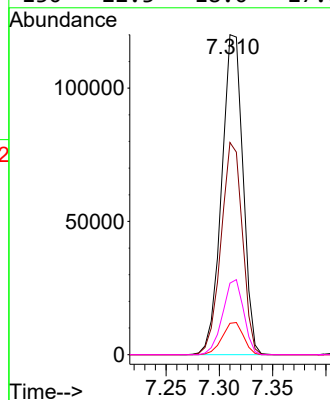
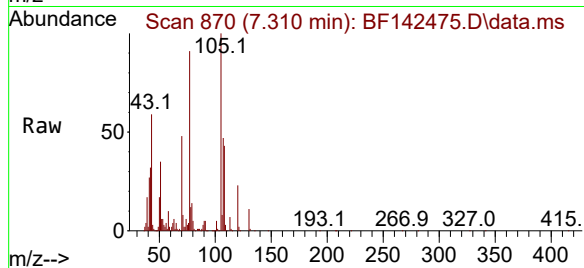
Ion Ratio Lower Upper

70 100

42 66.3 52.4 78.6

101 9.8 7.8 11.8

130 22.3 18.0 27.0



#20

3+4-Methylphenols

Concen: 38.020 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Tgt Ion: 107 Resp: 244310

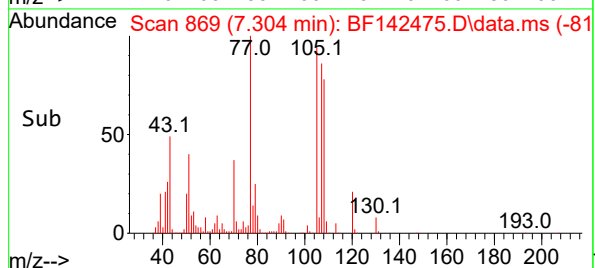
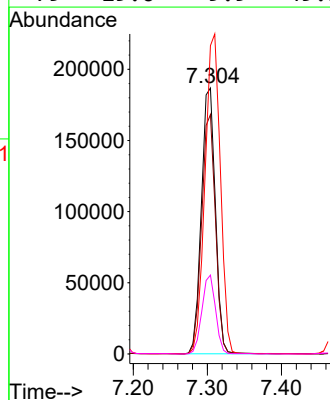
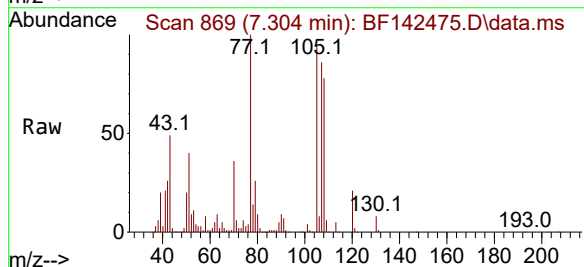
Ion Ratio Lower Upper

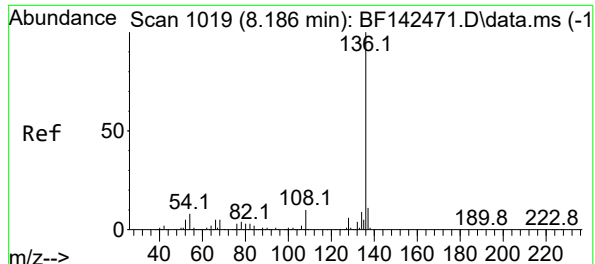
107 100

108 90.0 70.4 110.4

77 115.9 95.4 135.4

79 29.6 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

Tgt Ion:136 Resp: 385222

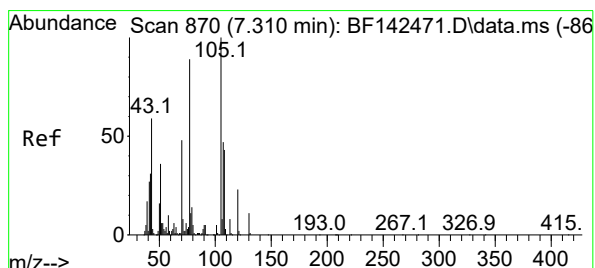
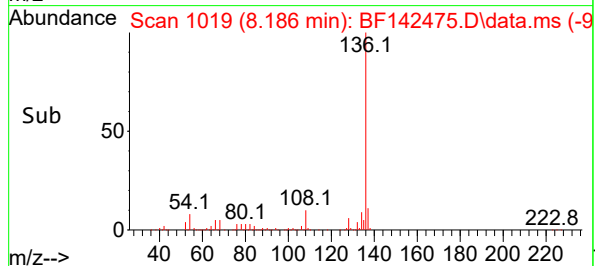
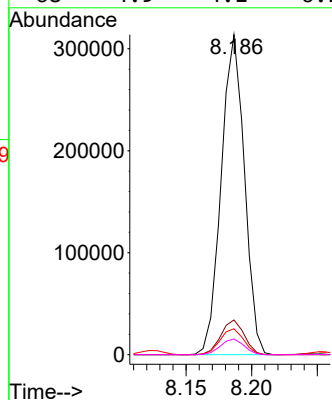
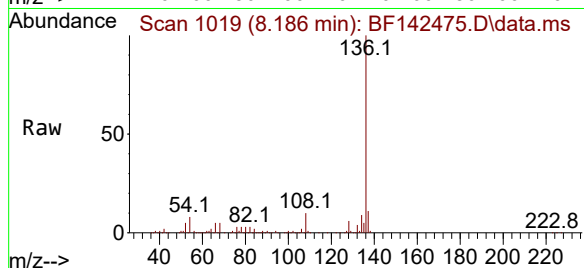
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.1 6.6 10.0

68 4.9 4.1 6.1



#22

Acetophenone

Concen: 38.118 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Tgt Ion:105 Resp: 325056

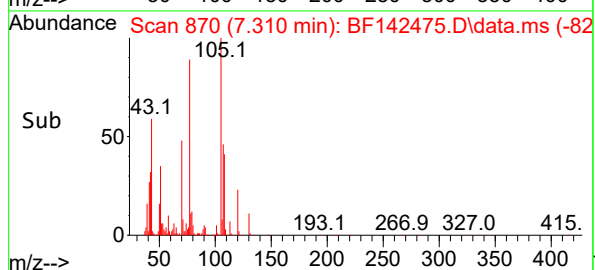
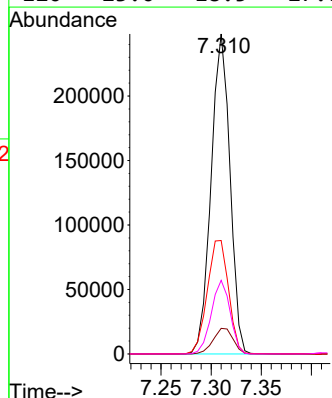
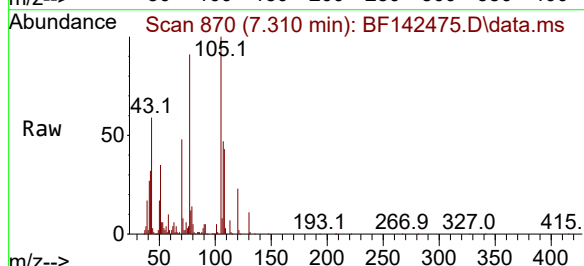
Ion Ratio Lower Upper

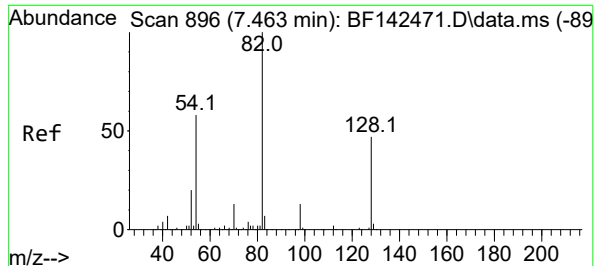
105 100

71 8.0 6.4 9.6

51 35.4 28.6 42.8

120 23.0 18.5 27.7





#23

Nitrobenzene-d5

Concen: 77.283 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

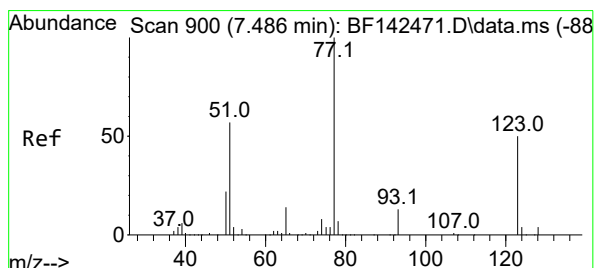
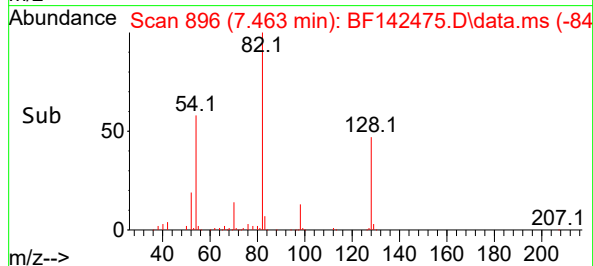
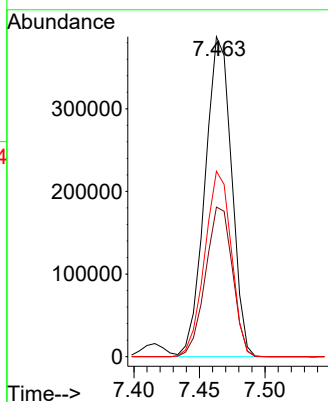
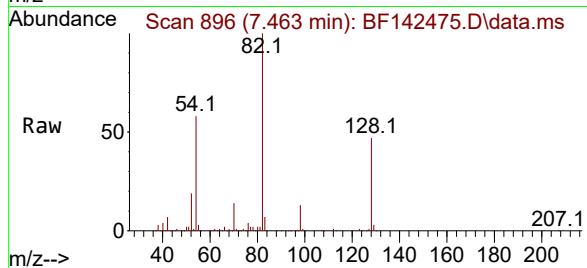
Tgt Ion: 82 Resp: 545967

Ion Ratio Lower Upper

82 100

128 46.7 37.4 56.2

54 58.0 46.6 70.0



#24

Nitrobenzene

Concen: 38.737 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

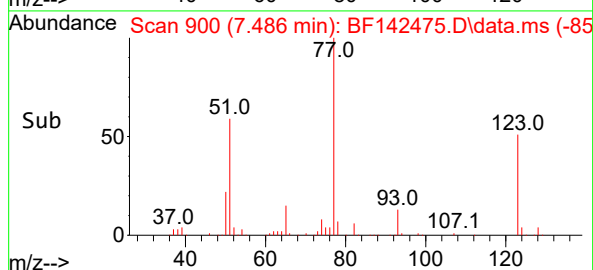
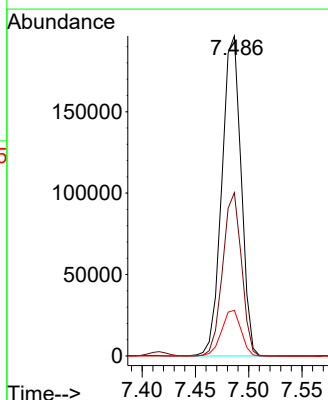
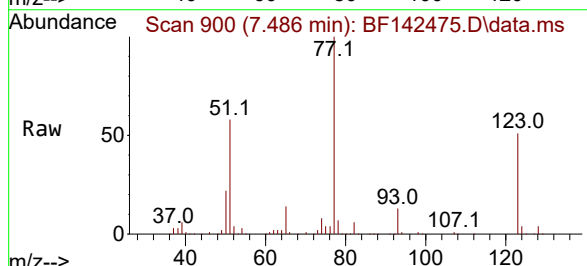
Tgt Ion: 77 Resp: 246818

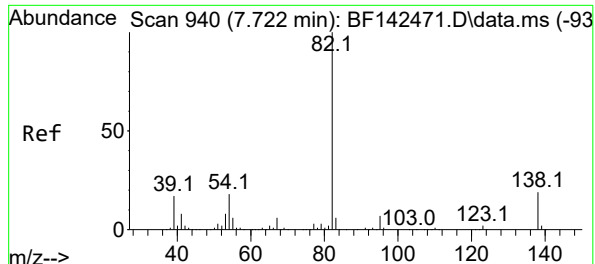
Ion Ratio Lower Upper

77 100

123 51.0 40.6 61.0

65 14.3 11.4 17.2

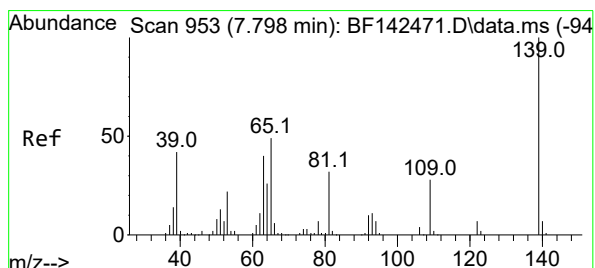
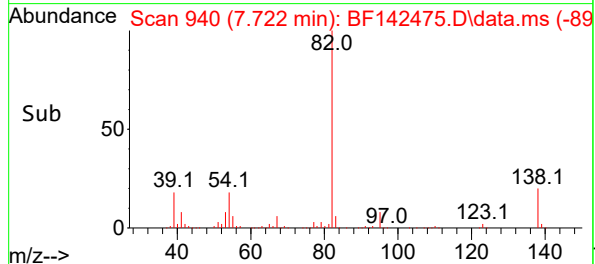
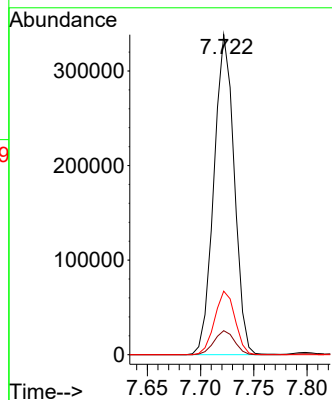
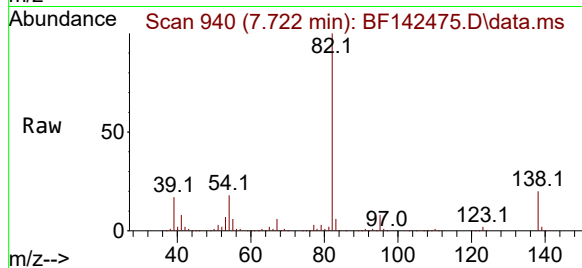




#25
Isophorone
Concen: 37.906 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

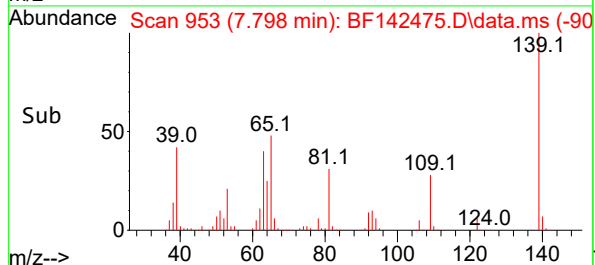
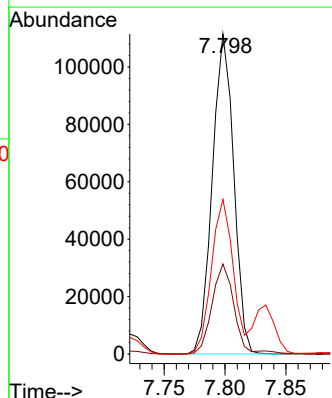
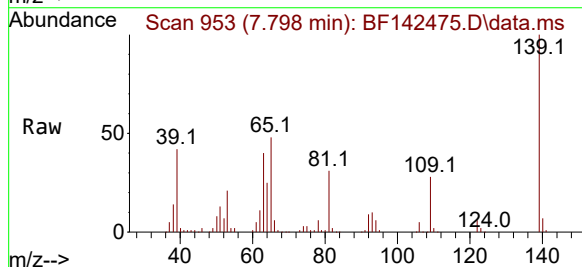
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

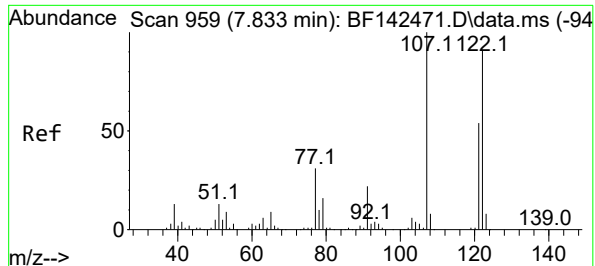
Tgt Ion: 82 Resp: 447723
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 19.9 15.5 23.3



#26
2-Nitrophenol
Concen: 39.958 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:139 Resp: 136039
Ion Ratio Lower Upper
139 100
109 28.1 22.6 33.8
65 48.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.953 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

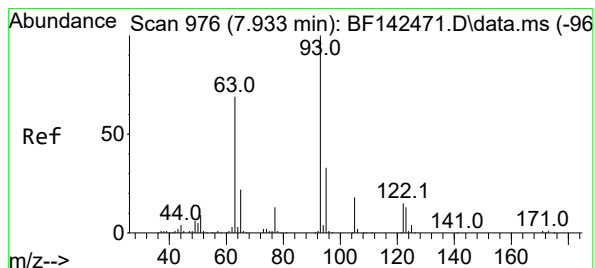
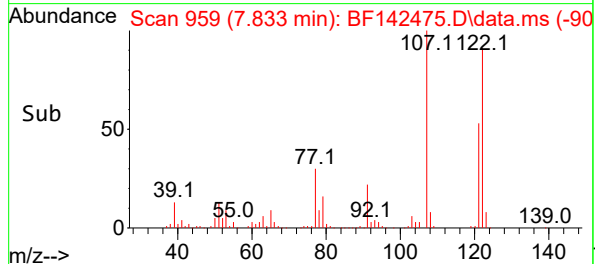
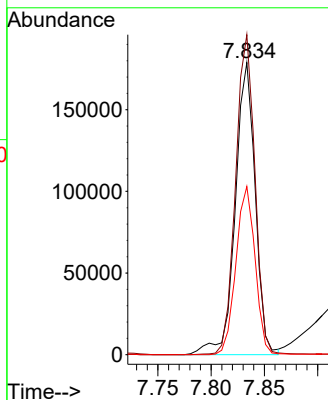
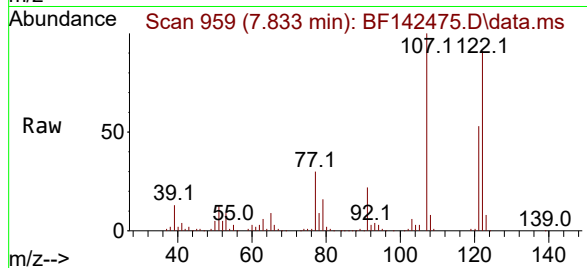
Tgt Ion:122 Resp: 233871

Ion Ratio Lower Upper

122 100

107 109.5 88.1 132.1

121 57.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.407 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

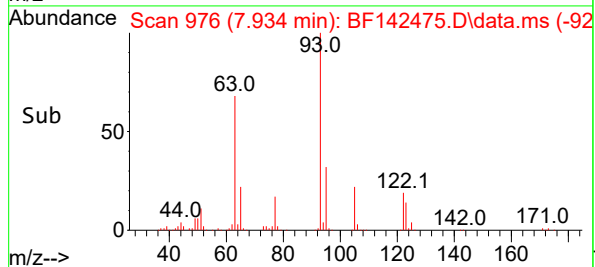
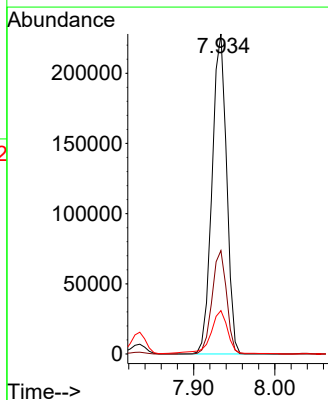
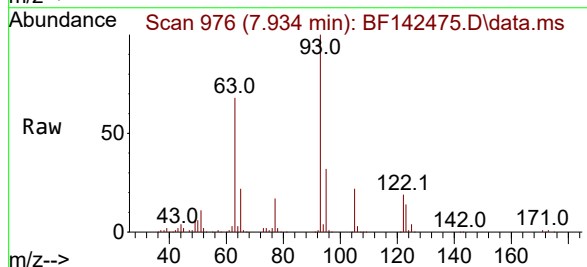
Tgt Ion: 93 Resp: 283379

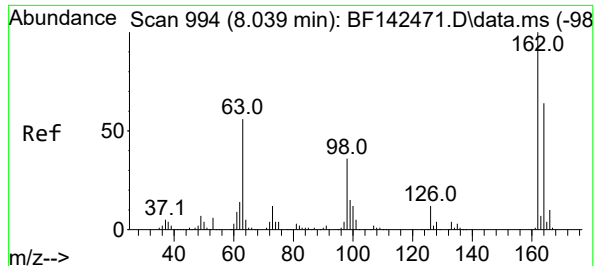
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 13.5 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 38.285 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

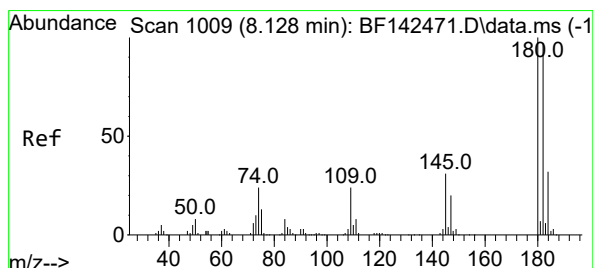
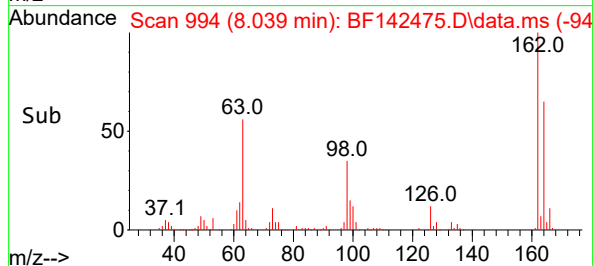
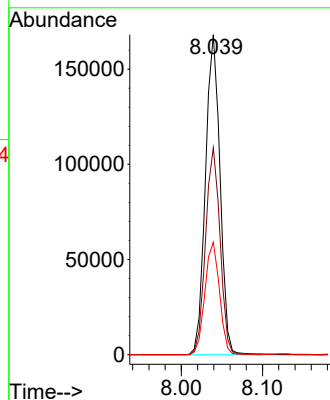
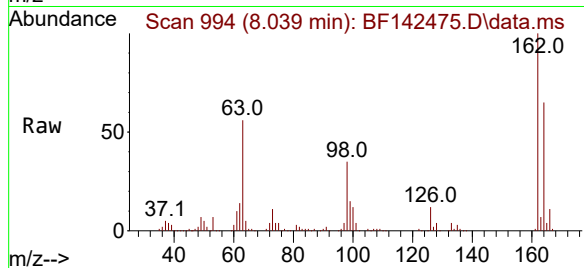
Tgt Ion:162 Resp: 209040

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

98 35.1 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 38.187 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

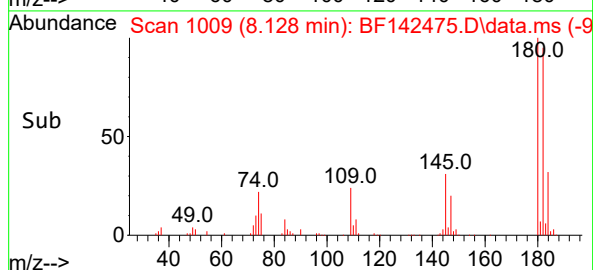
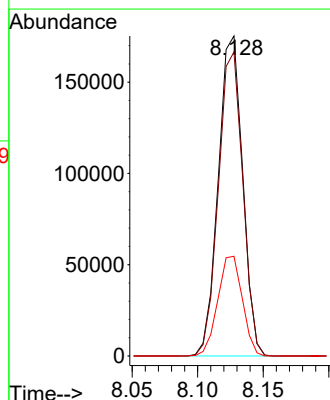
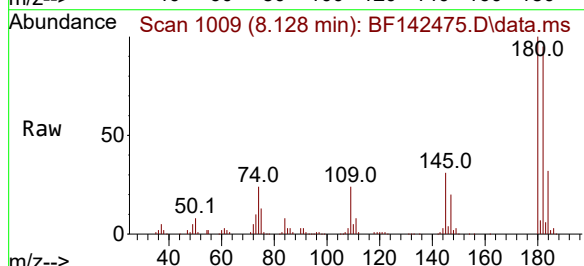
Tgt Ion:180 Resp: 226285

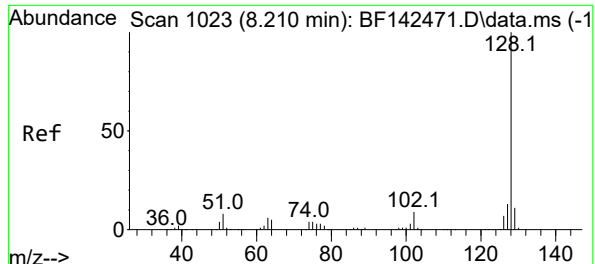
Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

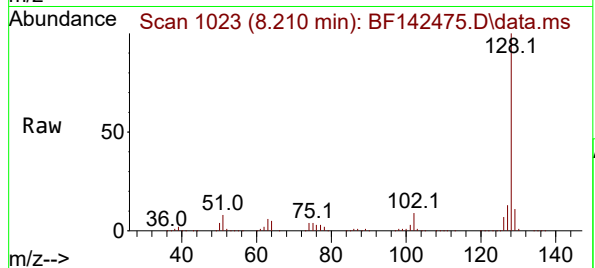
145 31.2 25.0 37.6



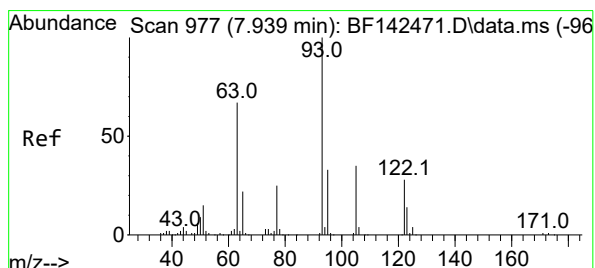
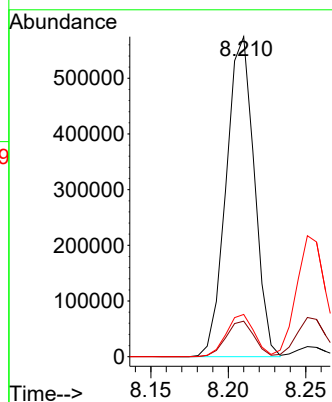
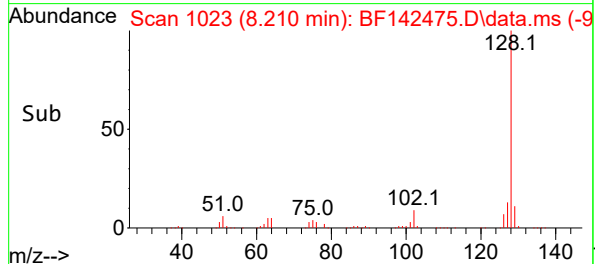


#31
Naphthalene
Concen: 38.112 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

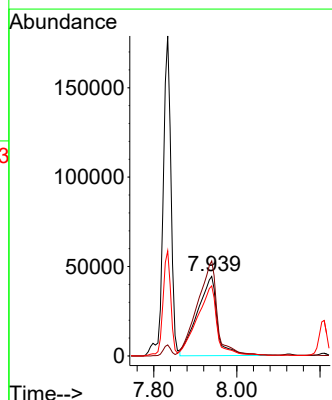
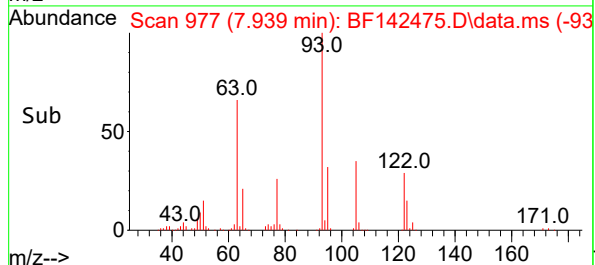
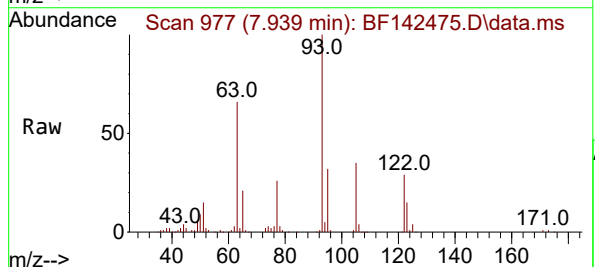


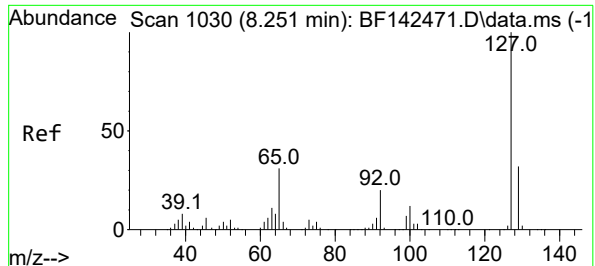
Tgt Ion:128 Resp: 722913
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 40.490 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:122 Resp: 147981
Ion Ratio Lower Upper
122 100
105 119.5 101.7 141.7
77 88.1 69.5 109.5





#33

4-Chloroaniline

Concen: 38.962 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

Tgt Ion:127 Resp: 299462

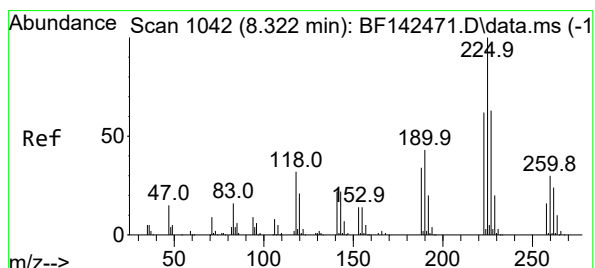
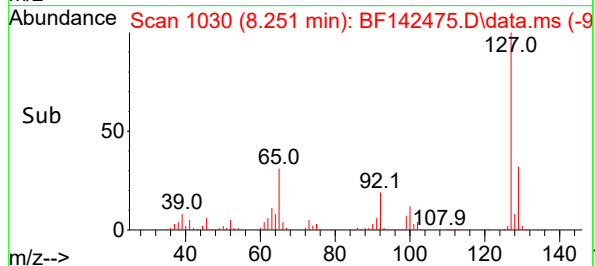
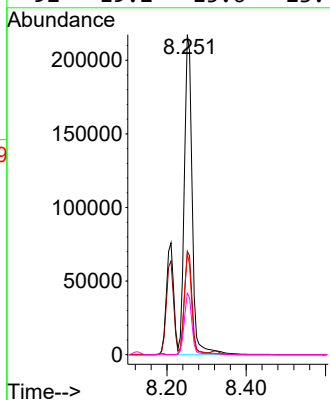
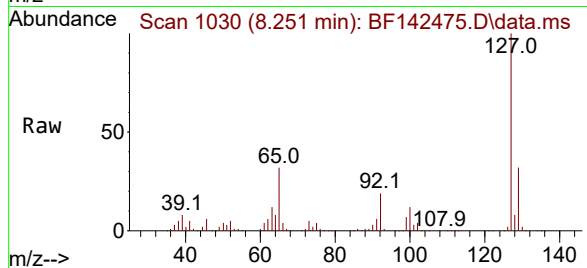
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 31.6 24.9 37.3

92 19.2 15.6 23.4



#34

Hexachlorobutadiene

Concen: 38.512 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

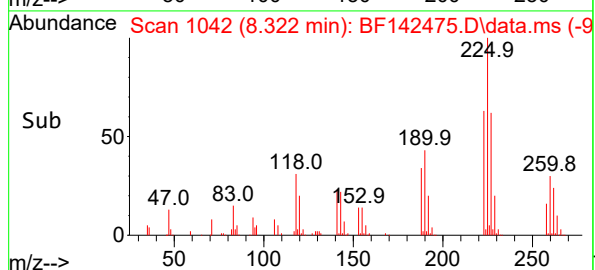
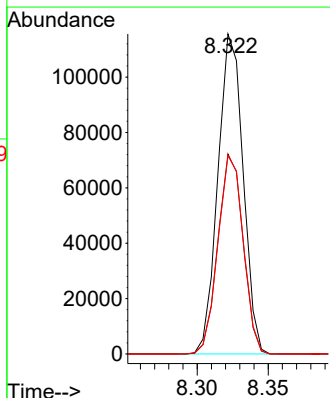
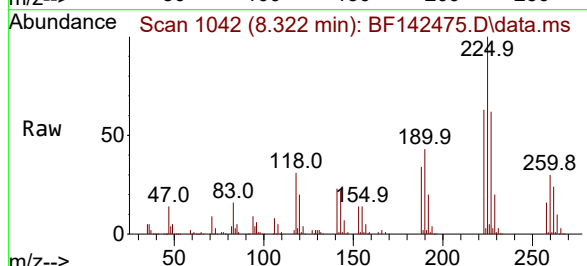
Tgt Ion:225 Resp: 142496

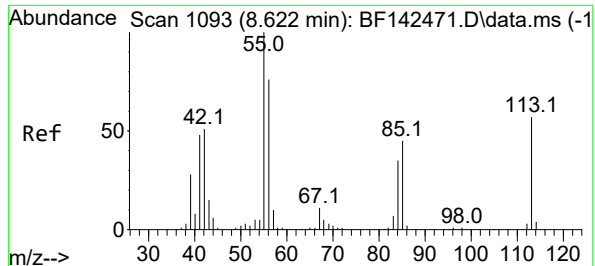
Ion Ratio Lower Upper

225 100

223 62.5 49.7 74.5

227 62.0 50.3 75.5





#35

Caprolactam

Concen: 39.162 ng

RT: 8.622 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

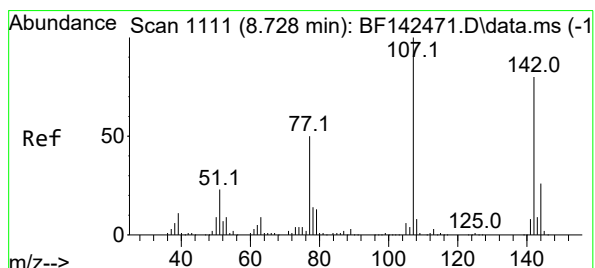
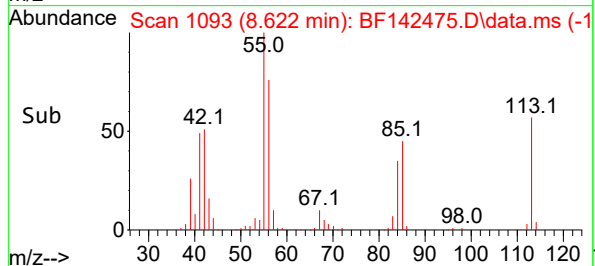
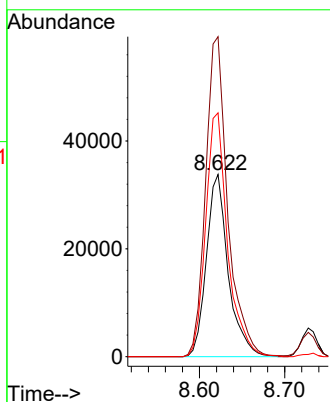
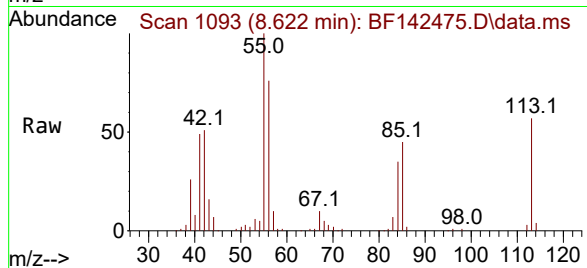
Tgt Ion:113 Resp: 60055

Ion Ratio Lower Upper

113 100

55 175.7 154.7 194.7

56 133.9 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 38.654 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

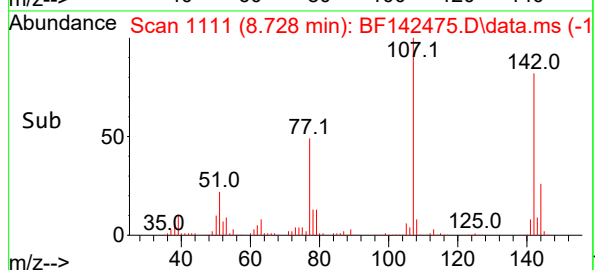
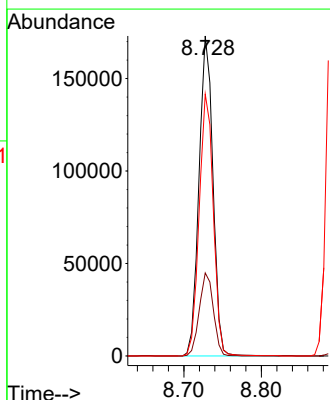
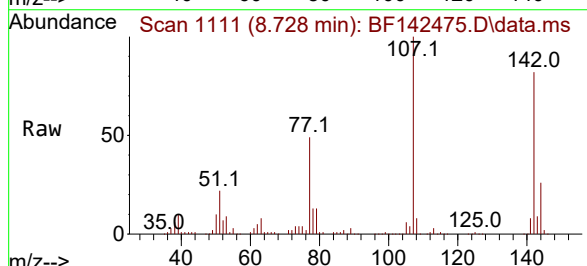
Tgt Ion:107 Resp: 216299

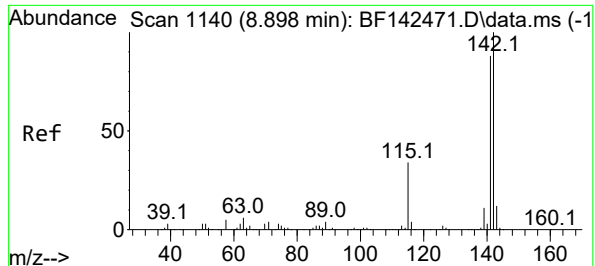
Ion Ratio Lower Upper

107 100

144 25.9 20.9 31.3

142 81.8 64.2 96.2

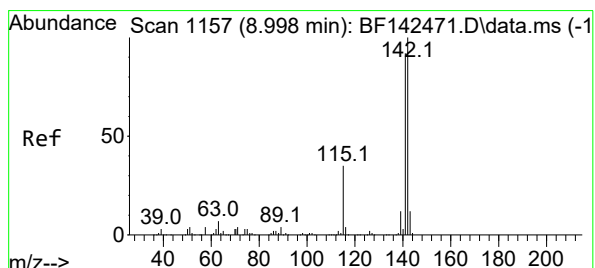
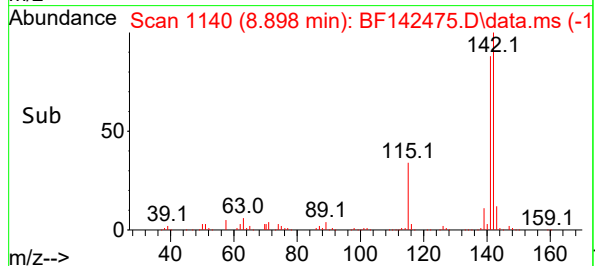
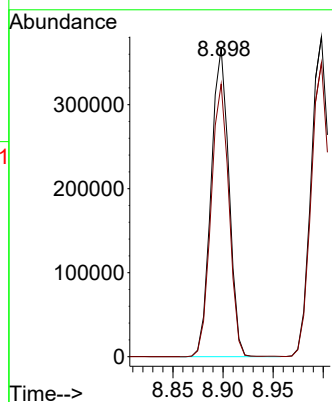
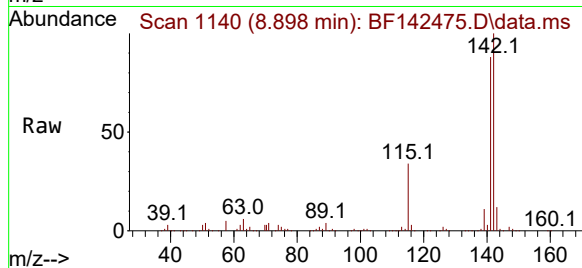




#37
2-Methylnaphthalene
Concen: 38.062 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

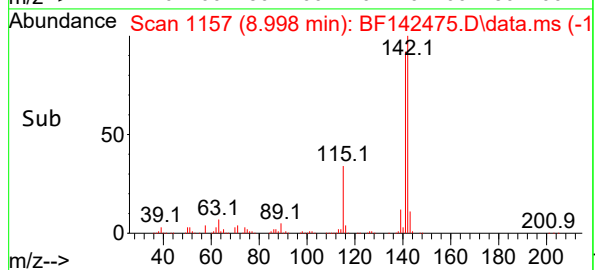
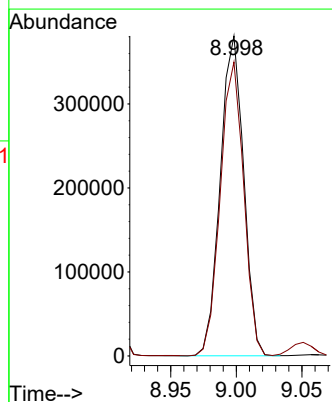
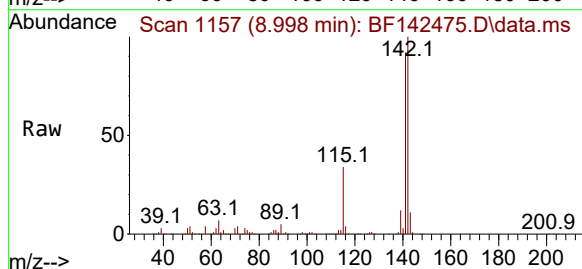
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

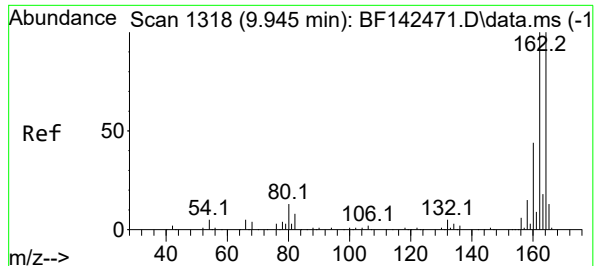
Tgt Ion:142 Resp: 454200
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1



#38
1-Methylnaphthalene
Concen: 38.229 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:142 Resp: 471880
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142475.D

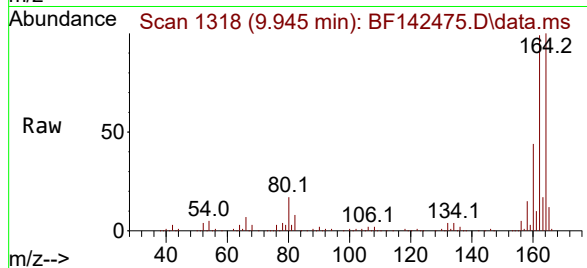
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



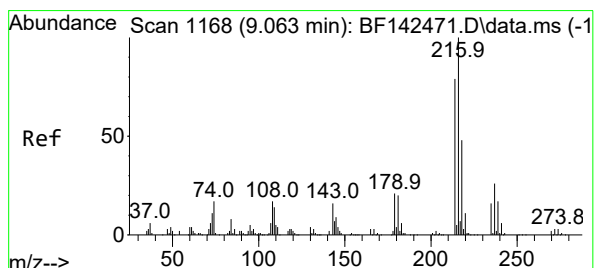
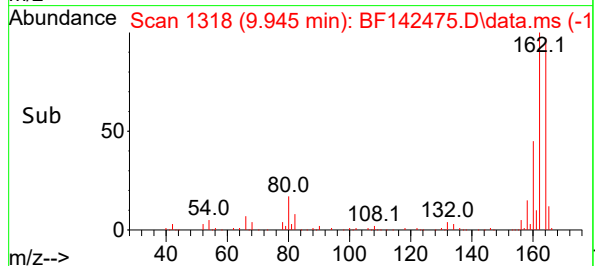
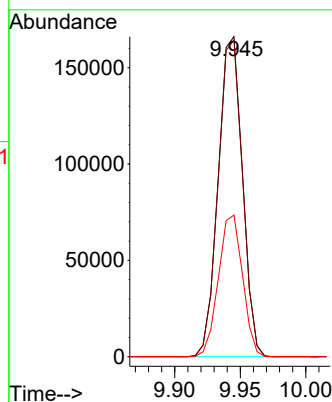
Tgt Ion:164 Resp: 213164

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.4

160 44.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.508 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Tgt Ion:216 Resp: 229514

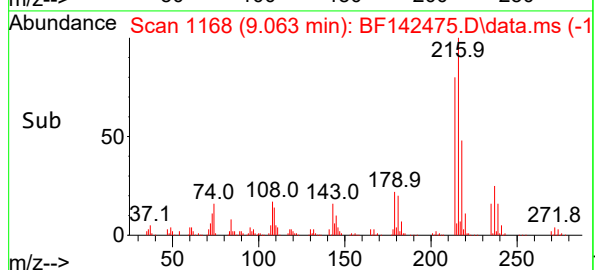
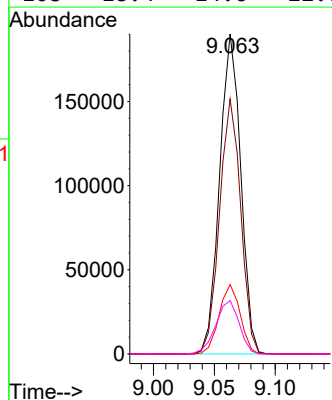
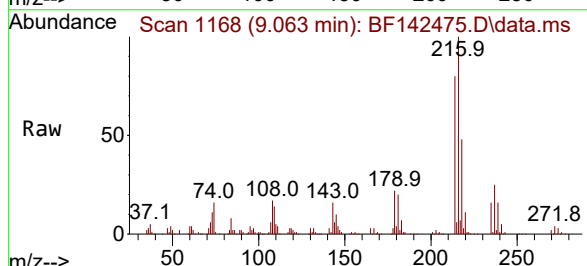
Ion Ratio Lower Upper

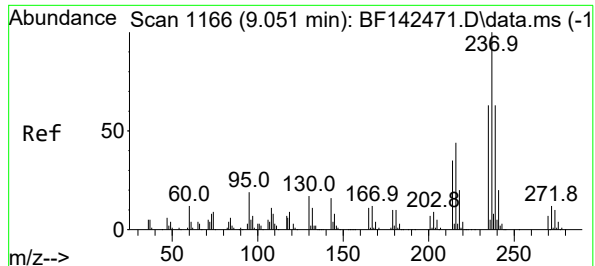
216 100

214 79.6 62.9 94.3

179 21.6 16.9 25.3

108 18.4 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 39.991 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

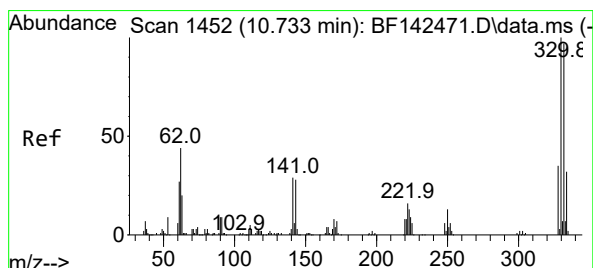
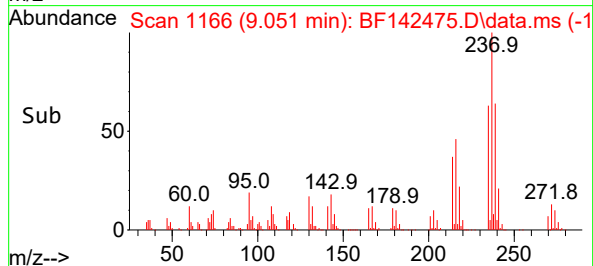
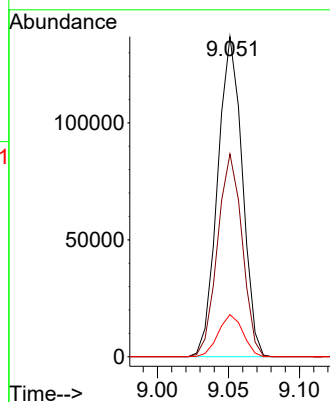
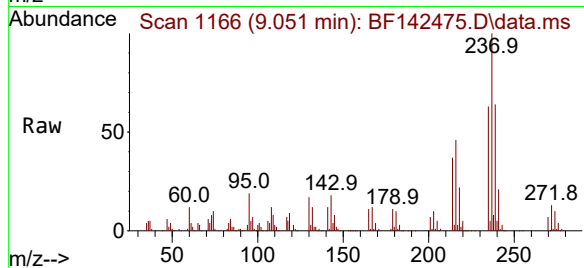
Tgt Ion:237 Resp: 165077

Ion Ratio Lower Upper

237 100

235 63.4 43.3 83.3

272 13.1 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 75.790 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

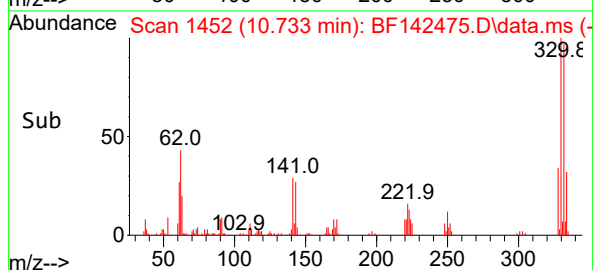
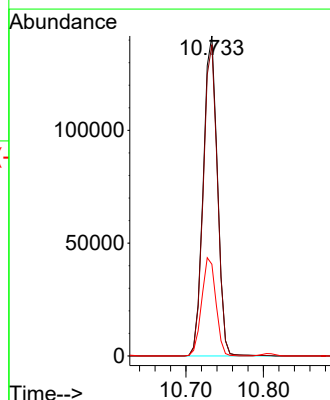
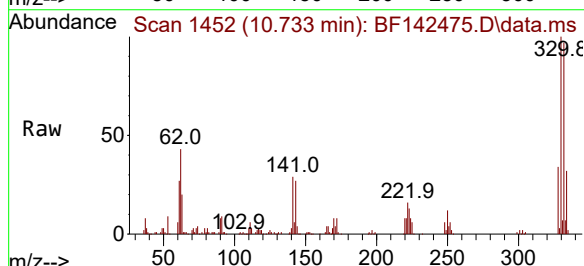
Tgt Ion:330 Resp: 179309

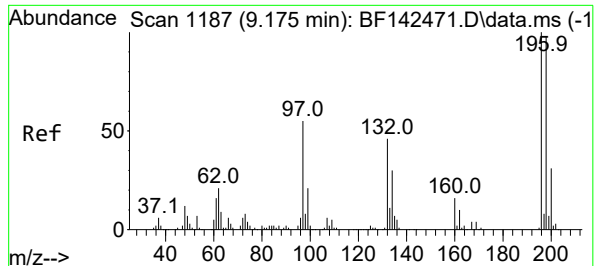
Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

141 31.0 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 37.954 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142475.D

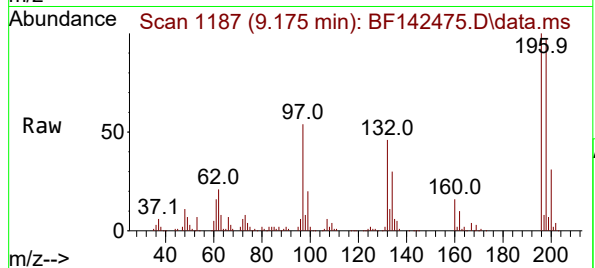
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



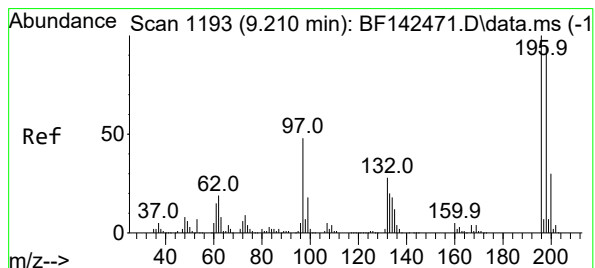
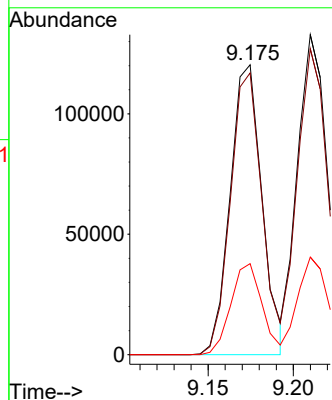
Tgt Ion:196 Resp: 156603

Ion Ratio Lower Upper

196 100

198 97.1 78.8 118.2

200 31.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 37.766 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Tgt Ion:196 Resp: 164342

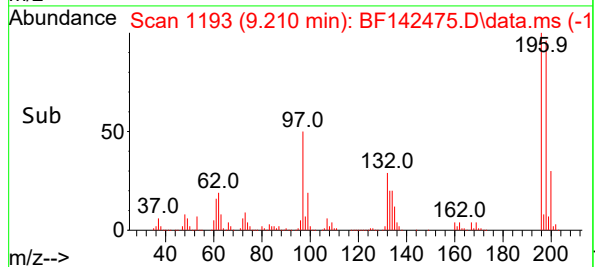
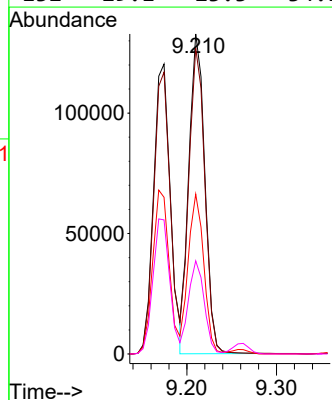
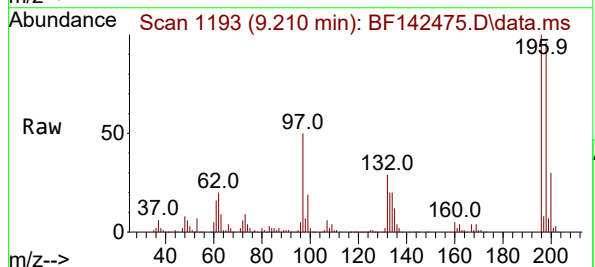
Ion Ratio Lower Upper

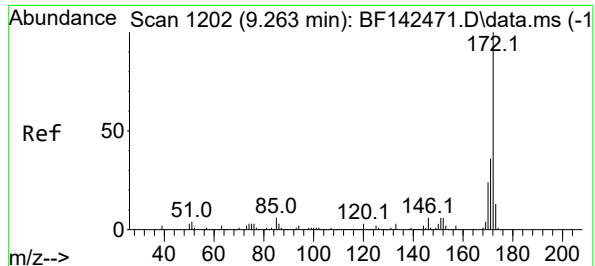
196 100

198 95.6 75.5 113.3

97 49.9 39.3 58.9

132 29.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.557 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

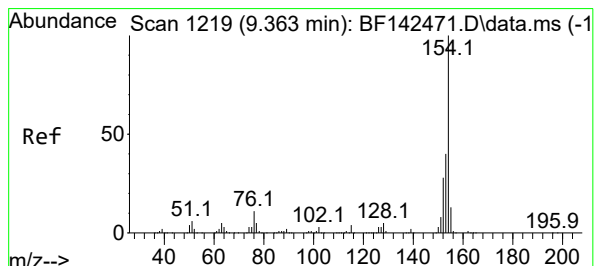
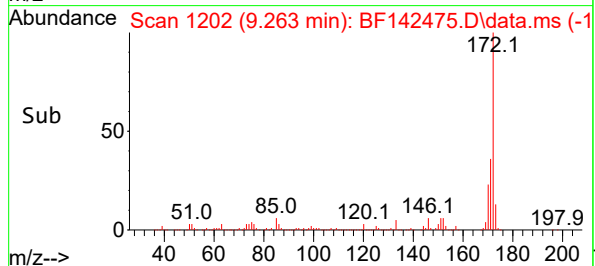
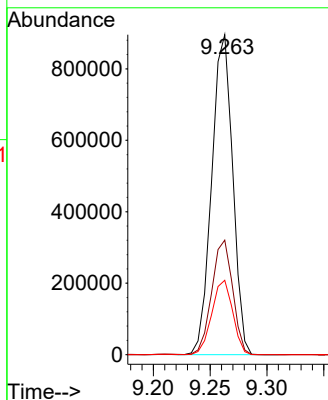
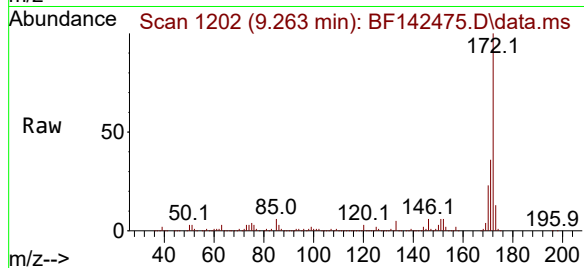
Tgt Ion:172 Resp: 1152622

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 37.487 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

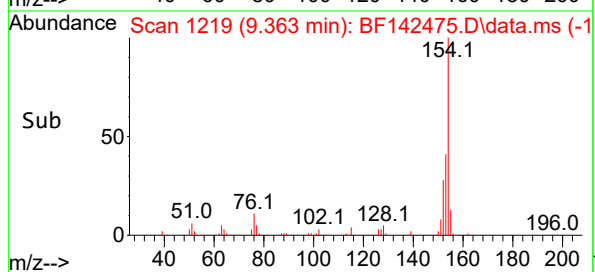
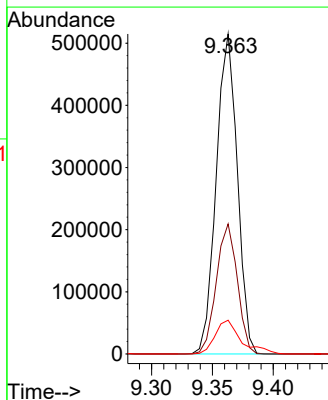
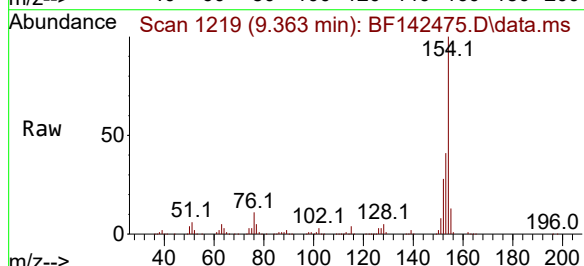
Tgt Ion:154 Resp: 619947

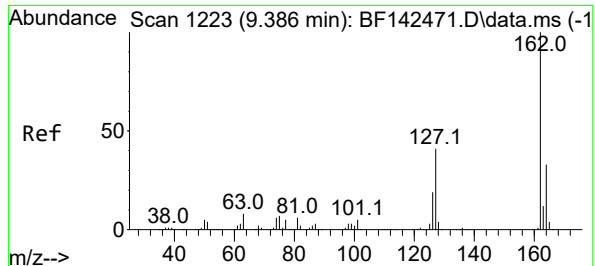
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 37.763 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142475.D

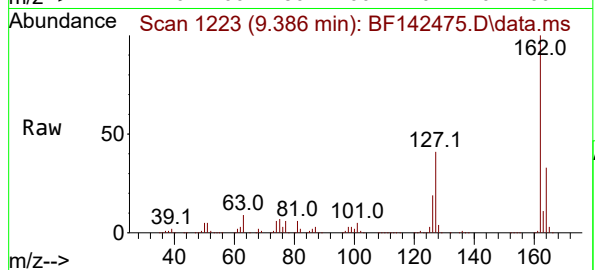
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



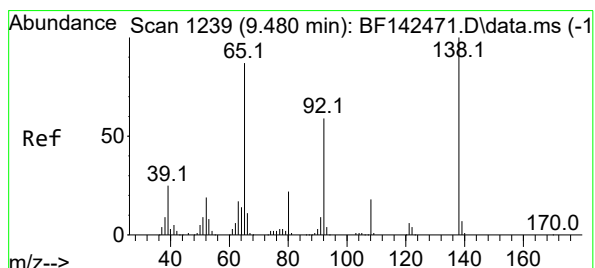
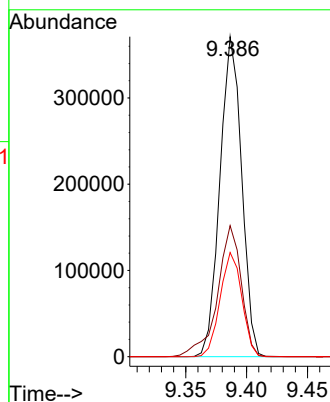
Tgt Ion:162 Resp: 461414

Ion Ratio Lower Upper

162 100

127 40.9 33.5 50.3

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 38.867 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

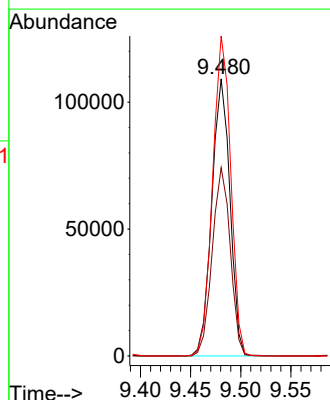
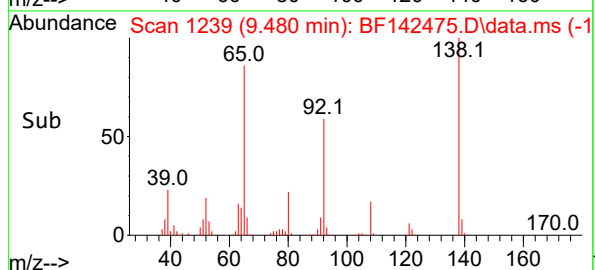
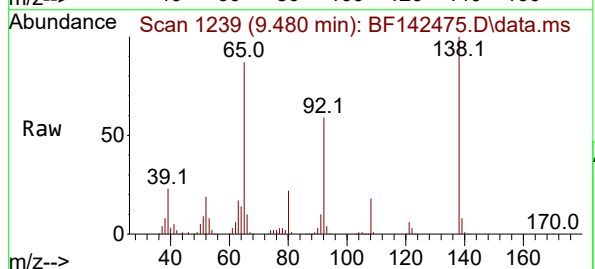
Tgt Ion: 65 Resp: 137268

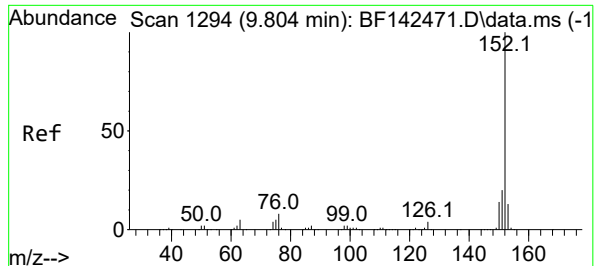
Ion Ratio Lower Upper

65 100

92 68.0 54.4 81.6

138 115.5 91.4 137.2





#49

Acenaphthylene

Concen: 37.630 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142475.D

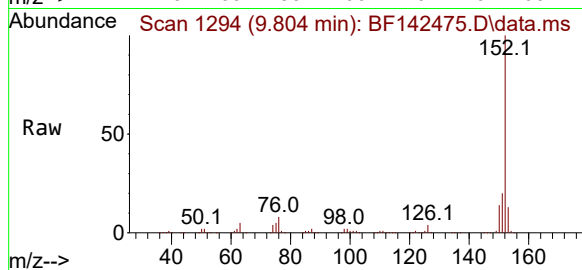
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



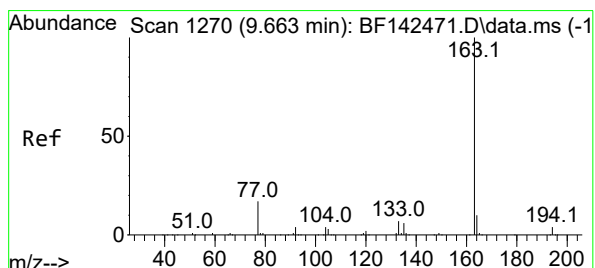
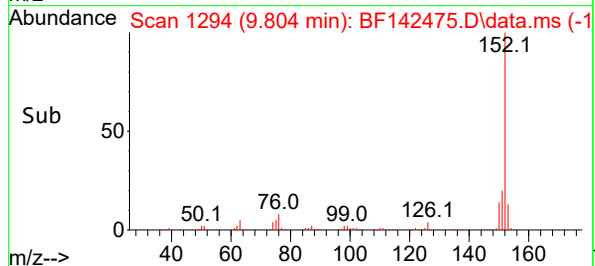
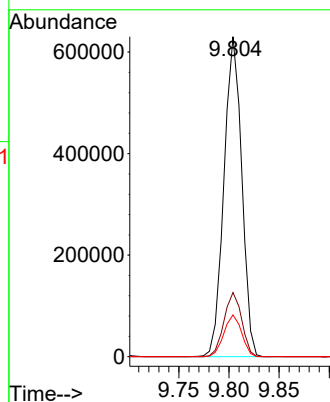
Tgt Ion:152 Resp: 776377

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 37.184 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

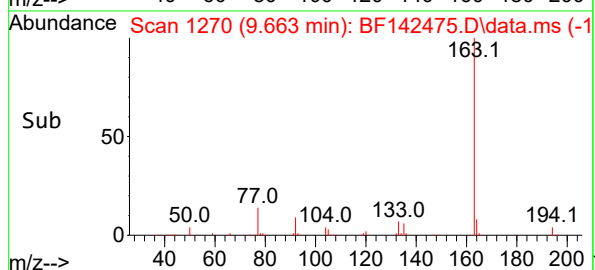
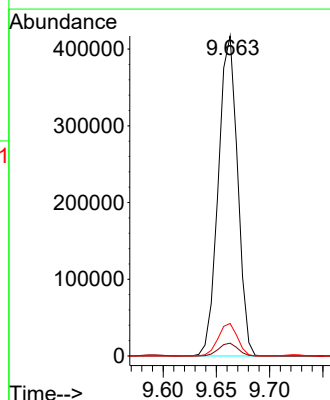
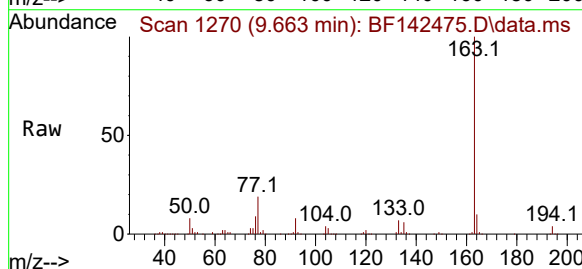
Tgt Ion:163 Resp: 523004

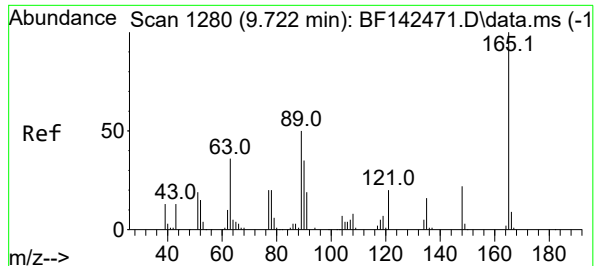
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.2 12.4

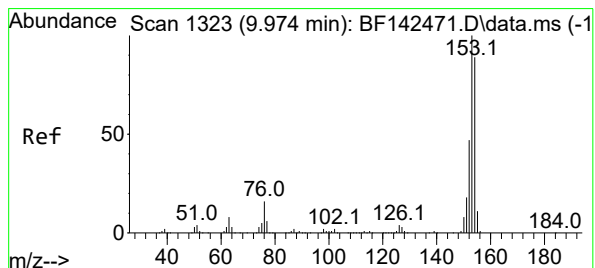
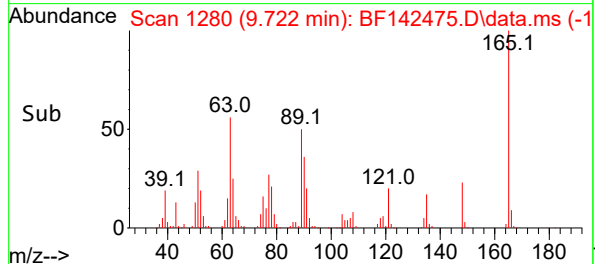
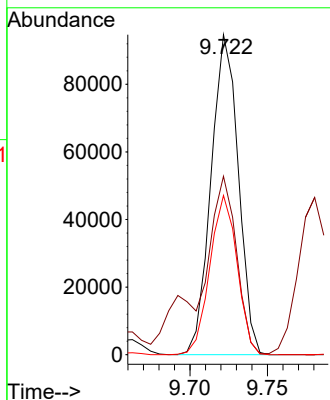
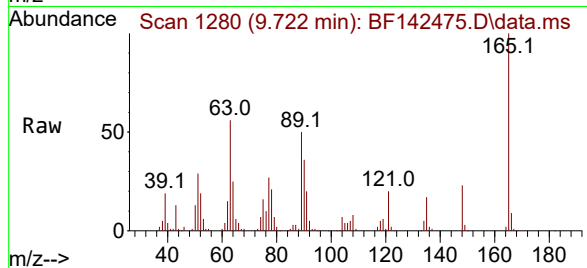




#51
2,6-Dinitrotoluene
Concen: 38.191 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

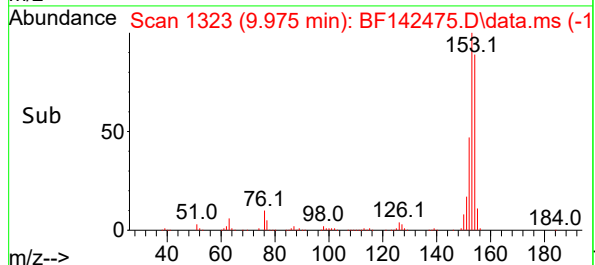
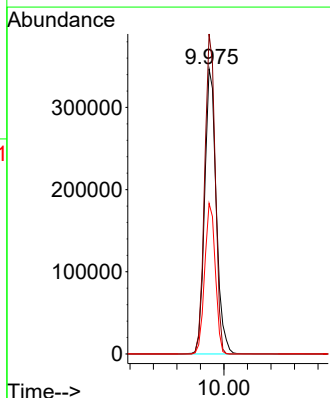
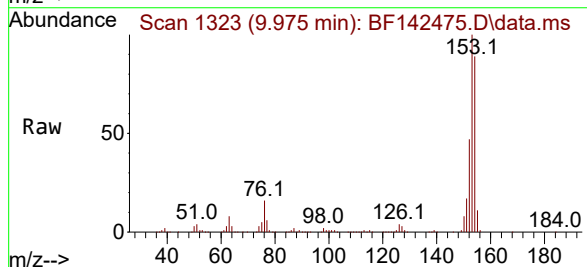
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

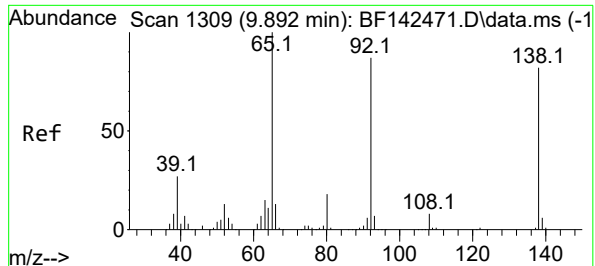
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.9	64.3
89	49.8	40.2	60.4



#52
Acenaphthene
Concen: 37.877 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.0	135.0
152	52.8	42.6	64.0





#53

3-Nitroaniline

Concen: 38.246 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142475.D

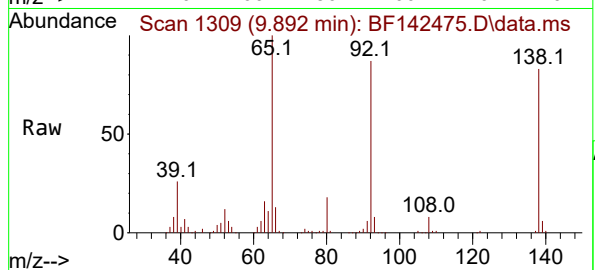
Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025



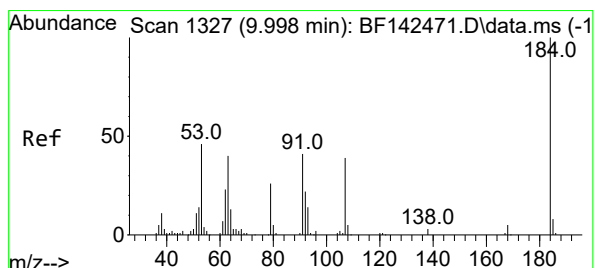
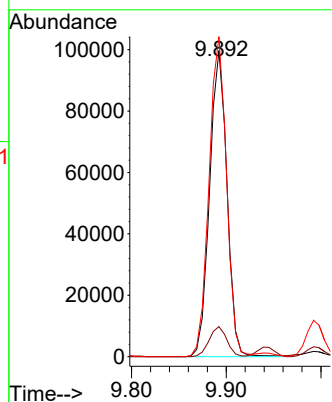
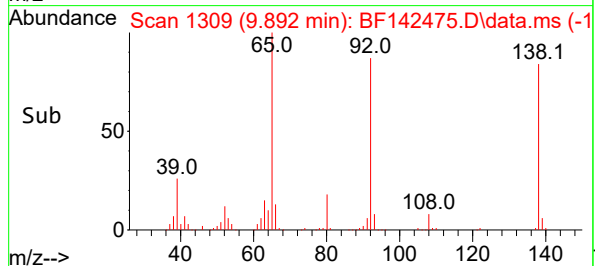
Tgt Ion:138 Resp: 126814

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

92 104.6 85.2 127.8



#54

2,4-Dinitrophenol

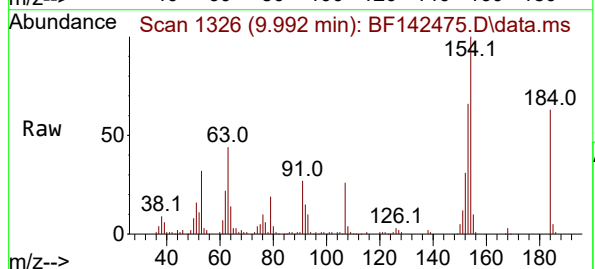
Concen: 41.481 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31



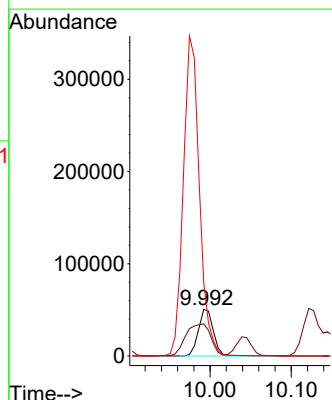
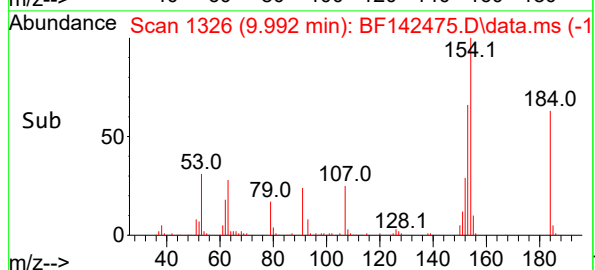
Tgt Ion:184 Resp: 65057

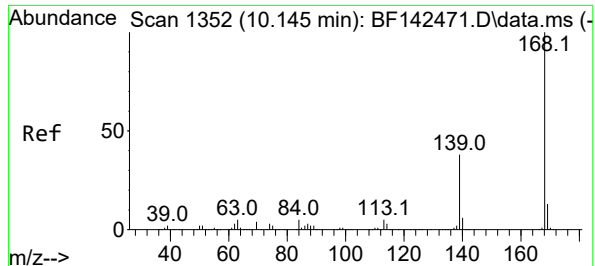
Ion Ratio Lower Upper

184 100

63 69.3 46.3 69.5

154 158.8 56.8 85.2#

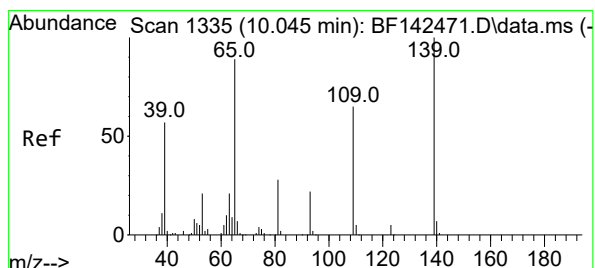
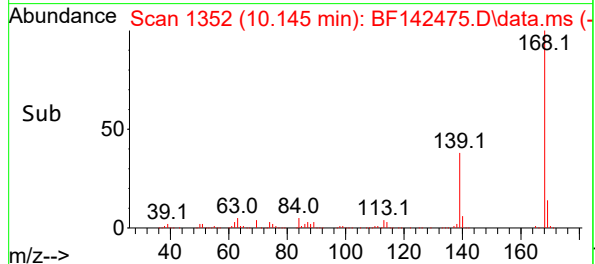
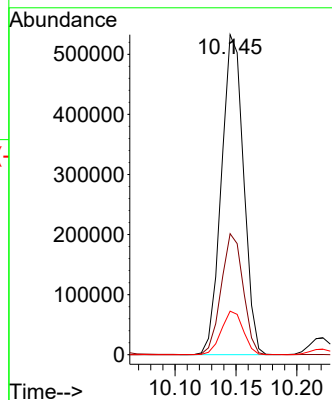
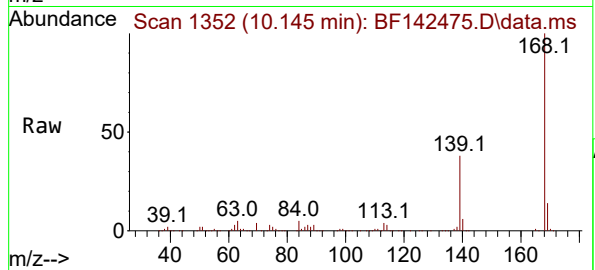




#55
Dibenzenofuran
Concen: 37.170 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

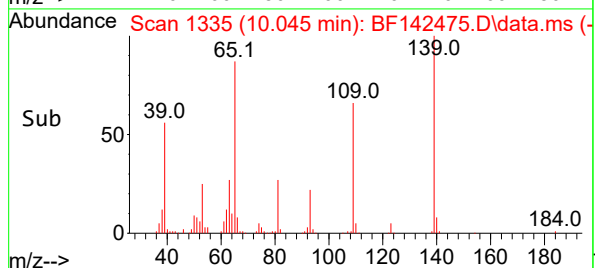
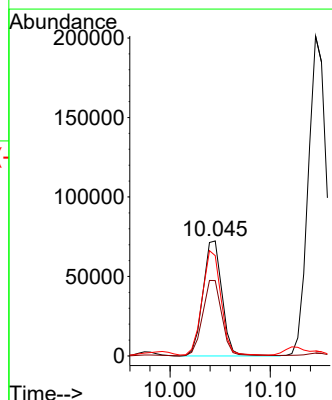
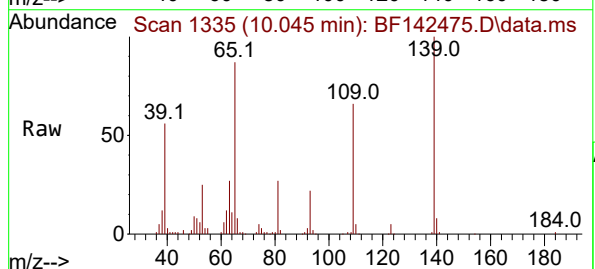
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

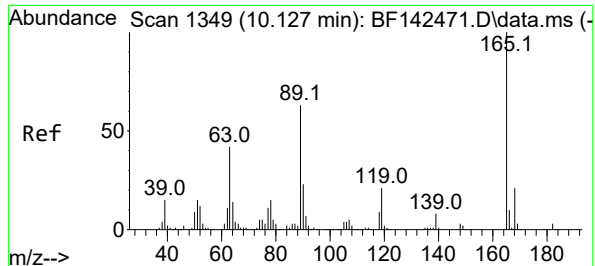
Tgt Ion:168 Resp: 673871
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 39.320 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:139 Resp: 96197
Ion Ratio Lower Upper
139 100
109 65.6 45.1 85.1
65 87.3 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 38.463 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

Tgt Ion:165 Resp: 152488

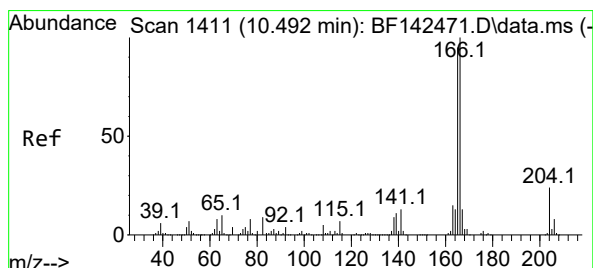
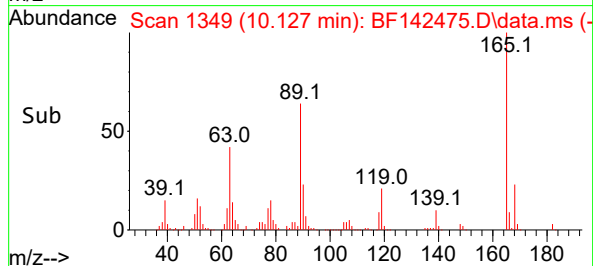
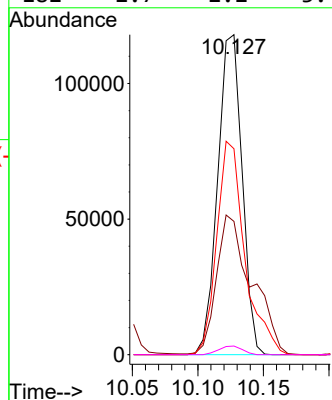
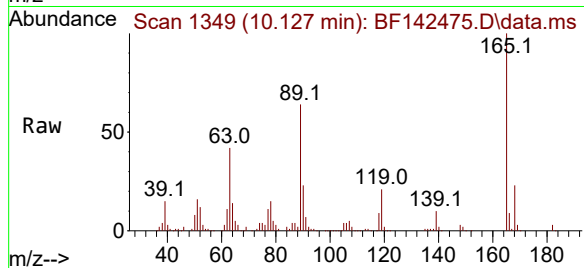
Ion Ratio Lower Upper

165 100

63 41.6 33.6 50.4

89 64.4 50.2 75.4

182 2.7 2.2 3.4



#58

Fluorene

Concen: 36.662 ng

RT: 10.492 min Scan# 1411

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

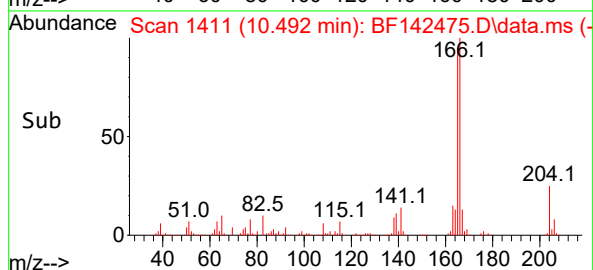
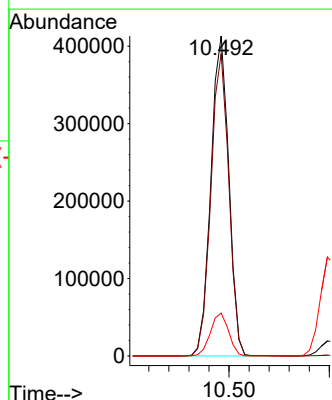
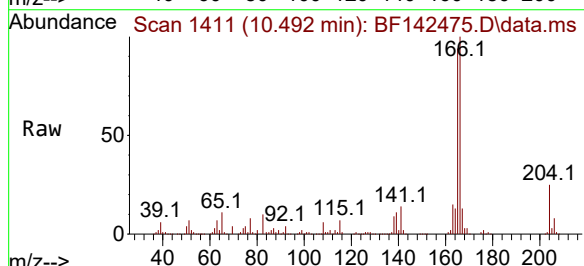
Tgt Ion:166 Resp: 513487

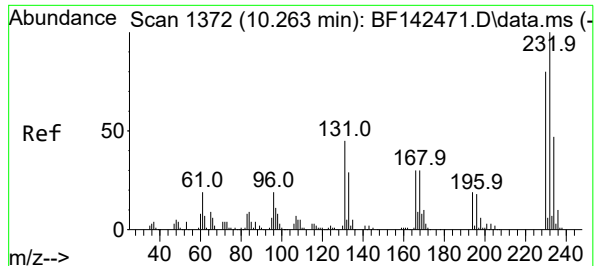
Ion Ratio Lower Upper

166 100

165 94.5 75.8 113.8

167 13.4 10.6 16.0

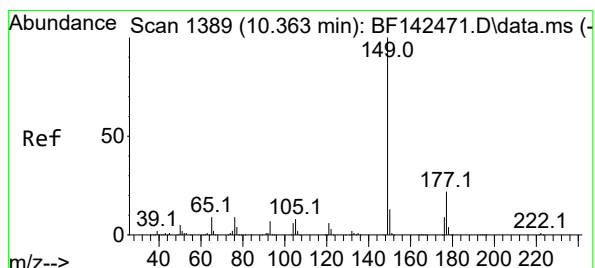
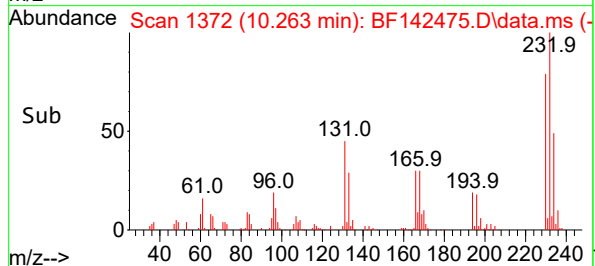
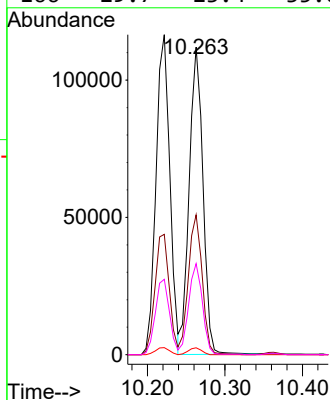
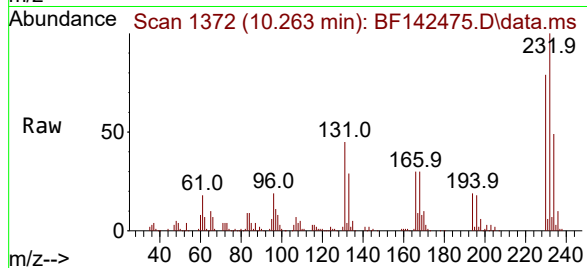




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.000 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

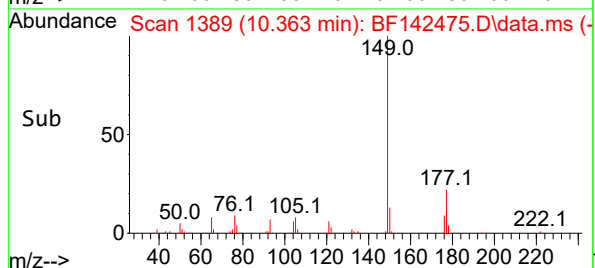
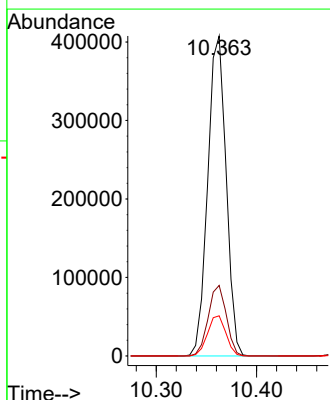
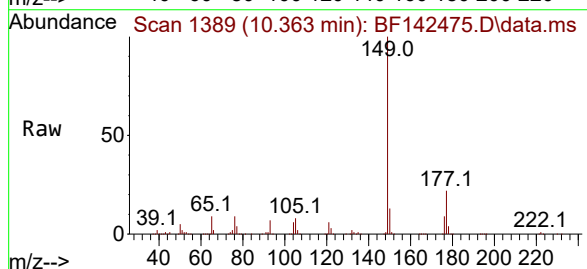
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

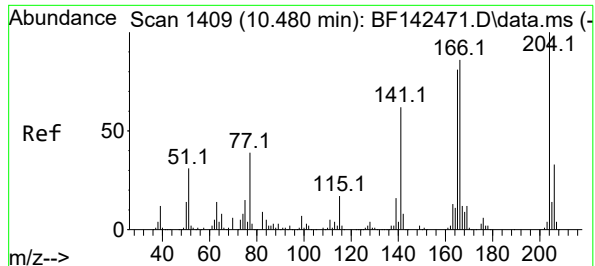
Tgt Ion:232 Resp: 138047
Ion Ratio Lower Upper
232 100
131 45.7 35.2 52.8
130 2.1 1.7 2.5
166 29.7 23.4 35.0



#60
Diethylphthalate
Concen: 37.844 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 519861
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.5 10.1 15.1

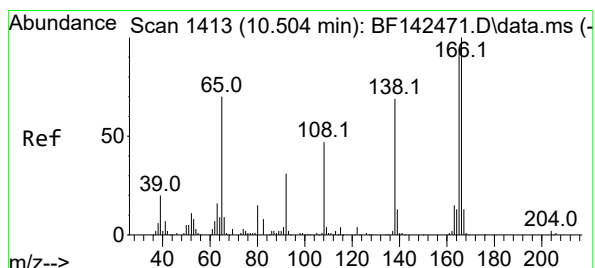
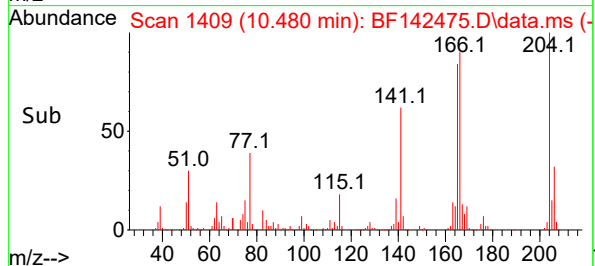
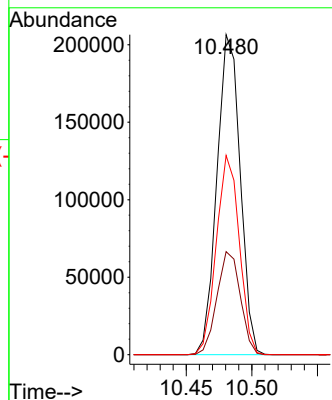
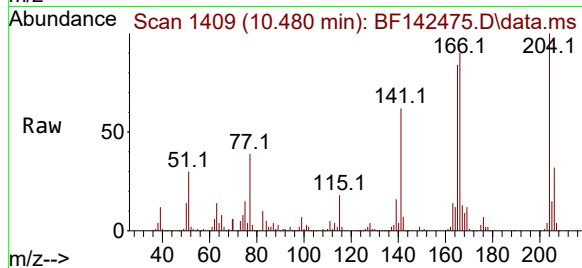




#61
4-Chlorophenyl-phenylether
Concen: 36.985 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

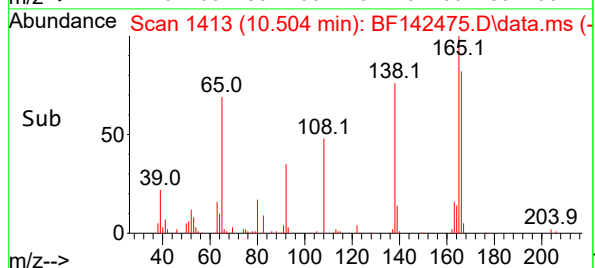
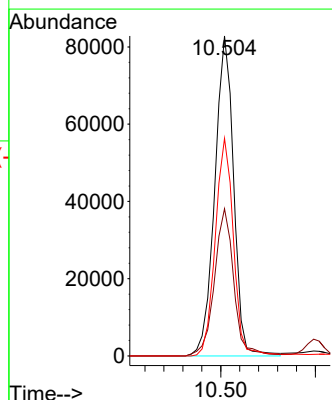
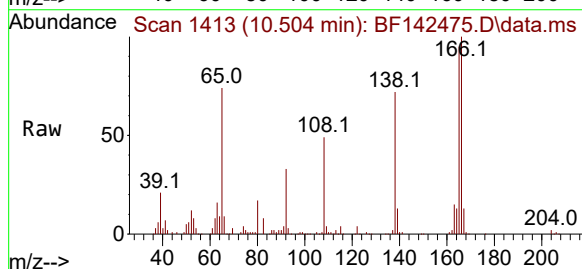
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

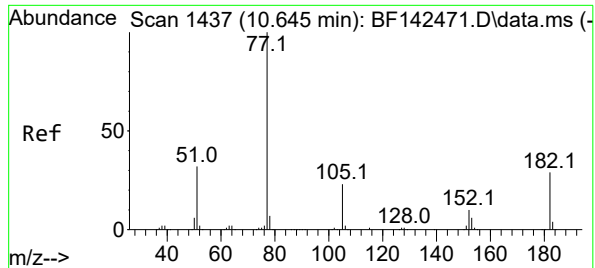
Tgt Ion:204 Resp: 254467
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 62.3 49.5 74.3



#62
4-Nitroaniline
Concen: 38.132 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:138 Resp: 114671
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 68.0 48.4 88.4

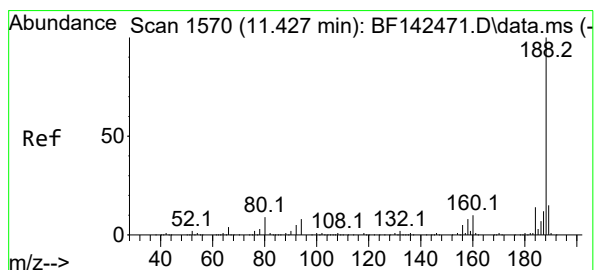
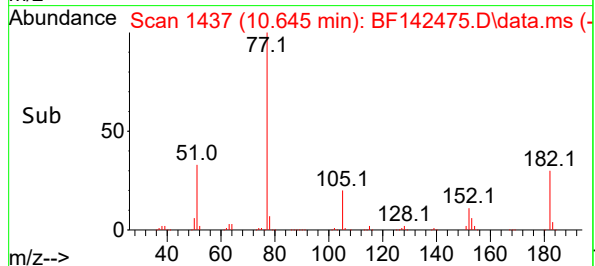
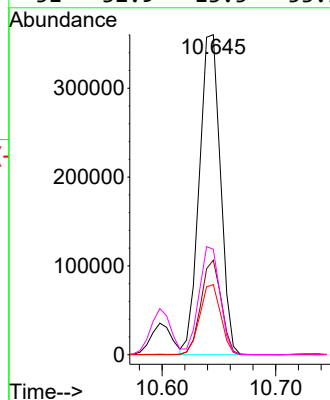
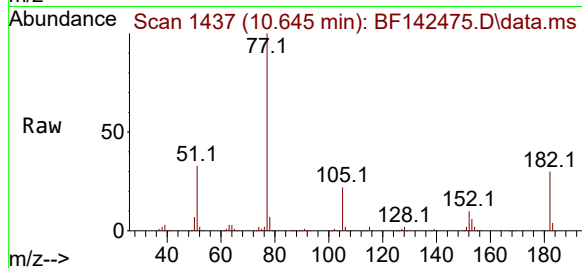




#63
Azobenzene
Concen: 37.780 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

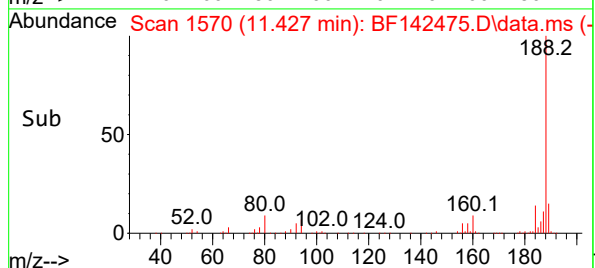
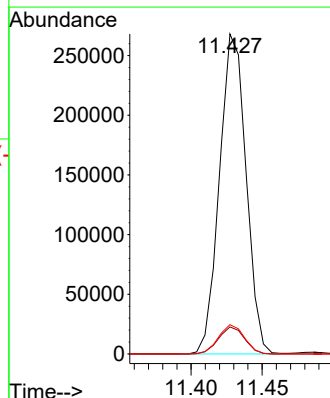
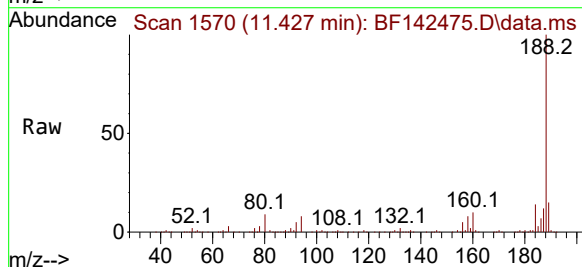
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

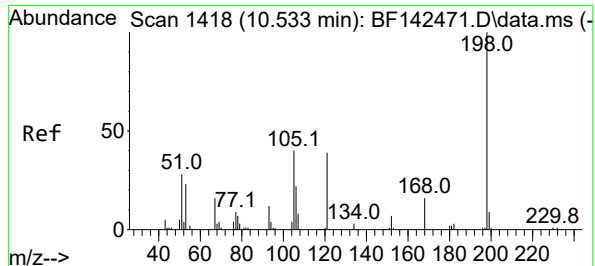
Tgt Ion: 77	Resp: 466131
Ion Ratio	Lower Upper
77	100
182	29.6 9.0 49.0
105	21.9 2.4 42.4
51	32.9 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 188	Resp: 348749
Ion Ratio	Lower Upper
188	100
94	8.5 6.6 10.0
80	9.2 7.4 11.0

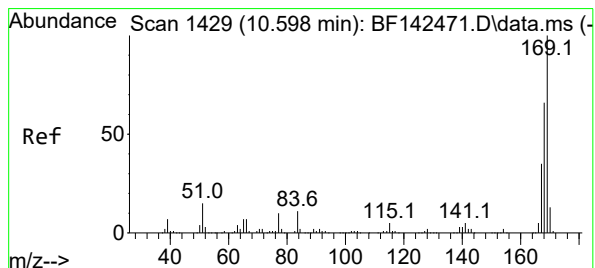
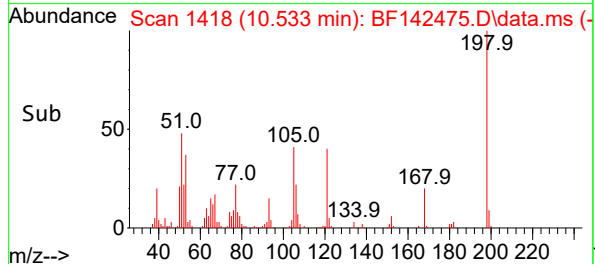
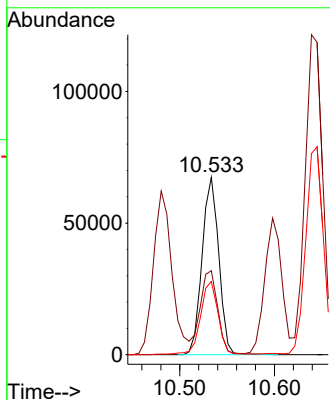
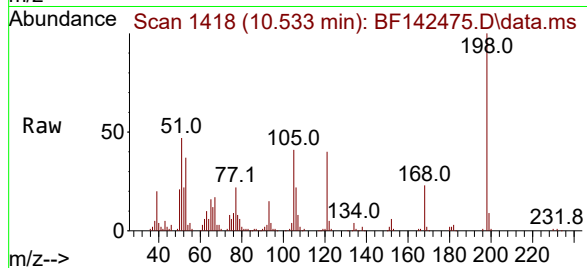




#65
4,6-Dinitro-2-methylphenol
Concen: 42.334 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

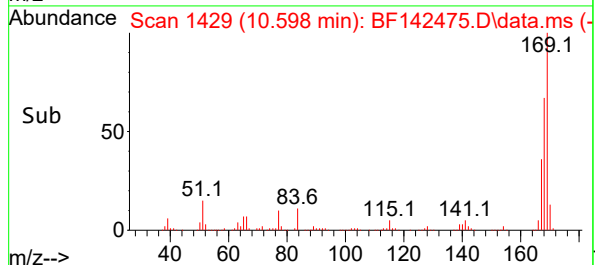
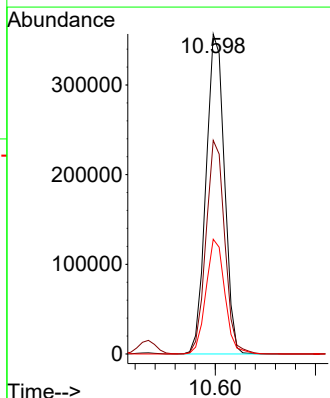
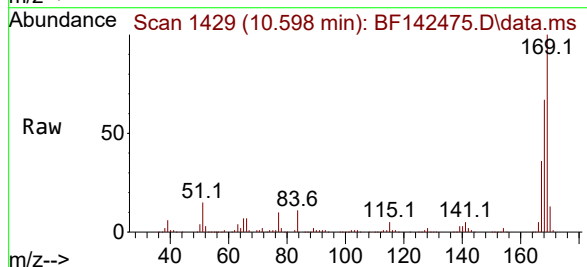
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

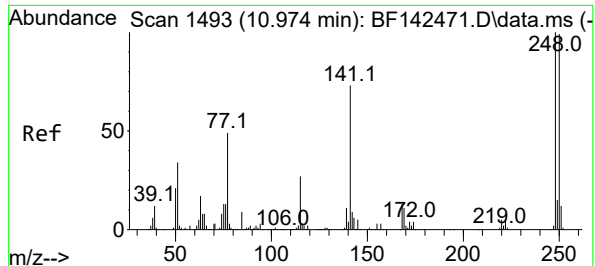
Tgt Ion:198 Resp: 82393
Ion Ratio Lower Upper
198 100
51 47.3 28.3 68.3
105 41.2 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 38.132 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:169 Resp: 454975
Ion Ratio Lower Upper
169 100
168 66.7 52.7 79.1
167 35.8 28.3 42.5

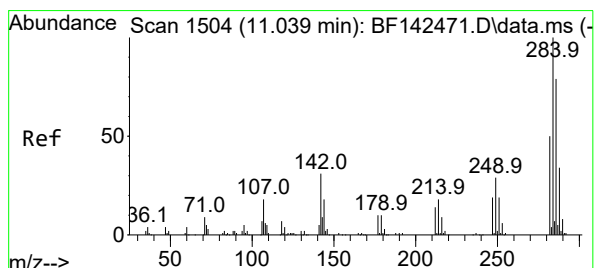
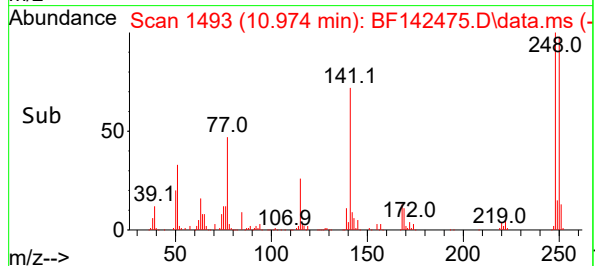
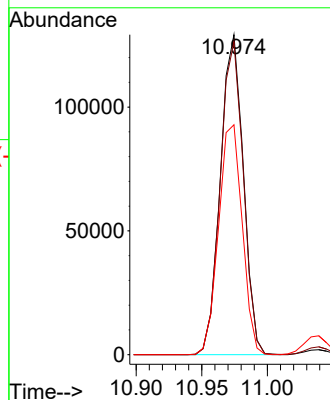
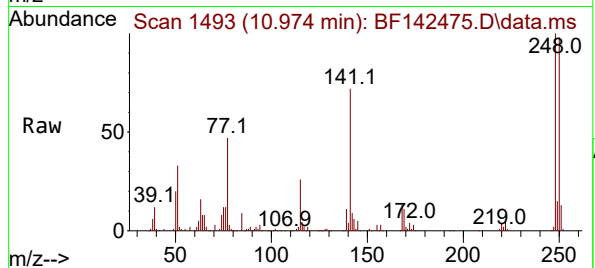




#67
4-Bromophenyl-phenylether
Concen: 38.189 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

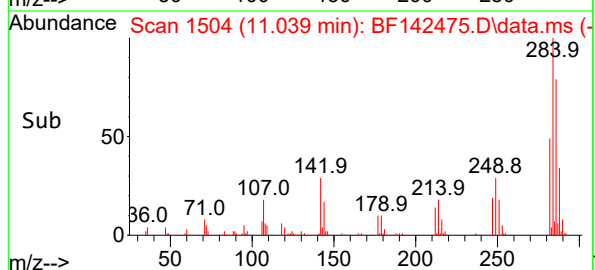
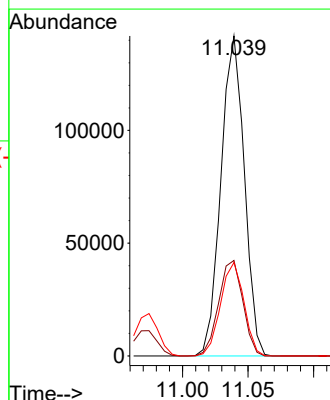
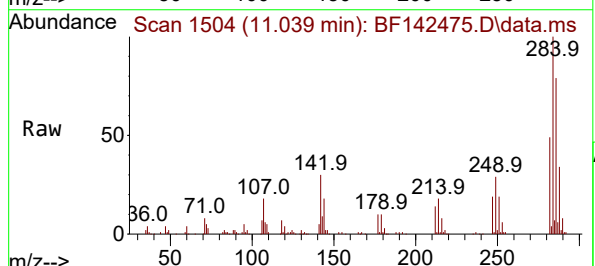
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

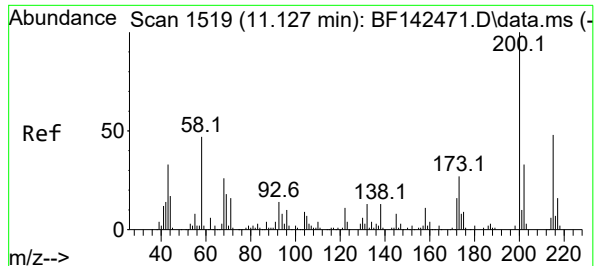
Tgt Ion:248 Resp: 157480
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 71.8 58.4 87.6



#68
Hexachlorobenzene
Concen: 38.554 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:284 Resp: 175840
Ion Ratio Lower Upper
284 100
142 29.9 24.8 37.2
249 29.2 23.6 35.4

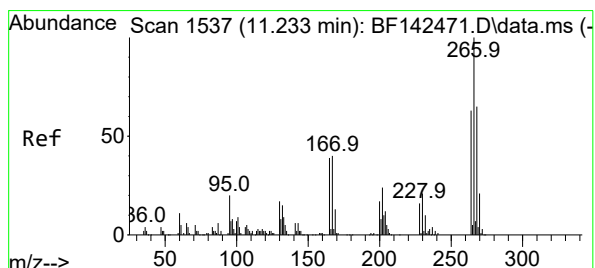
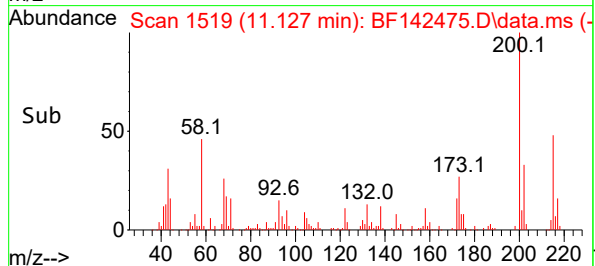
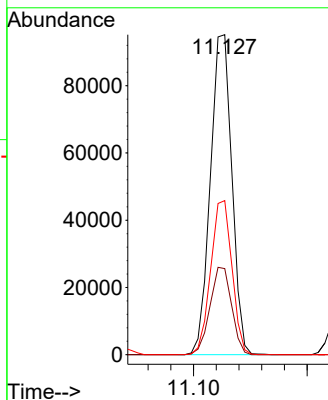
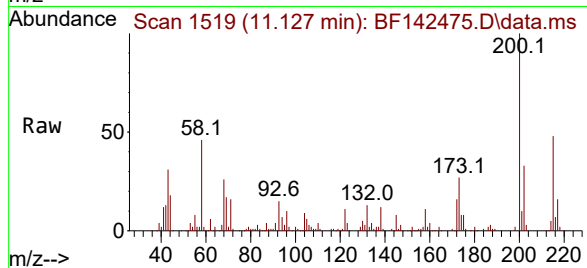




#69
Atrazine
Concen: 39.541 ng
RT: 11.127 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

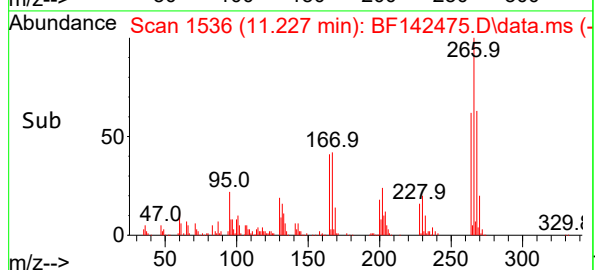
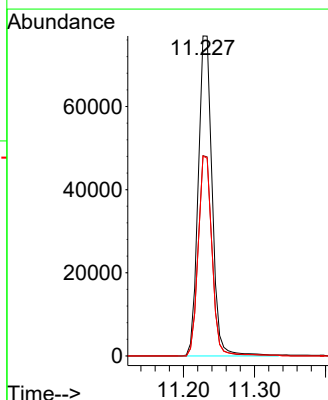
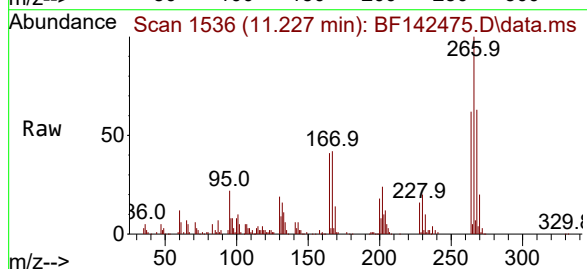
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

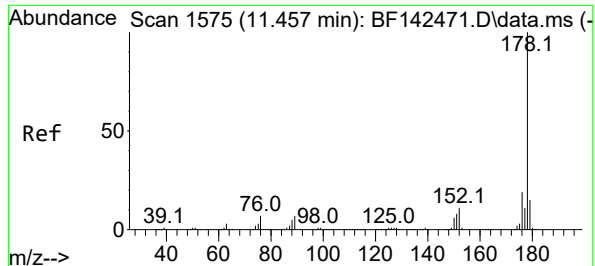
Tgt Ion:200 Resp: 125293
Ion Ratio Lower Upper
200 100
173 26.9 7.4 47.4
215 48.1 28.5 68.5



#70
Pentachlorophenol
Concen: 40.866 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:266 Resp: 105232
Ion Ratio Lower Upper
266 100
268 62.6 51.7 77.5
264 62.5 50.4 75.6

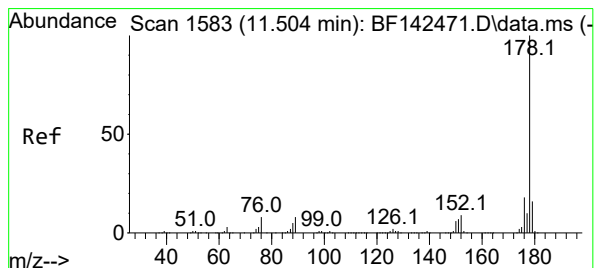
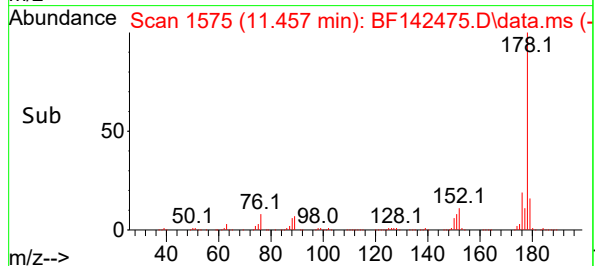
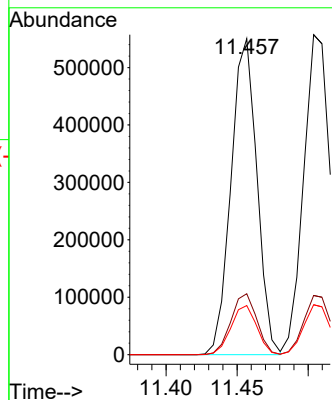
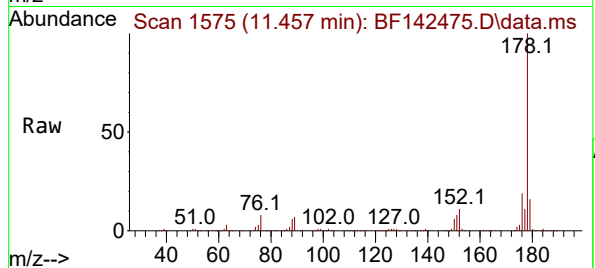




#71
Phenanthrene
Concen: 37.478 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

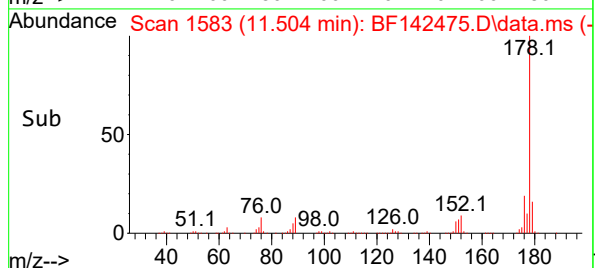
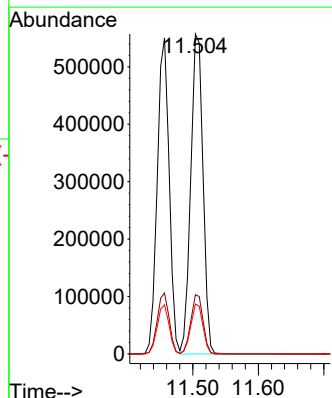
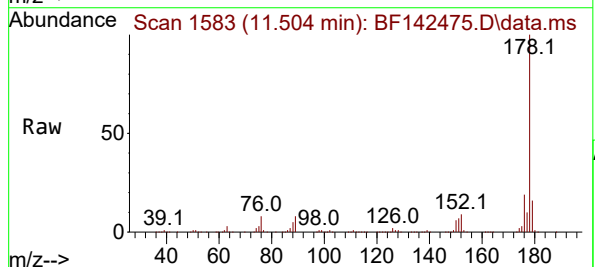
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

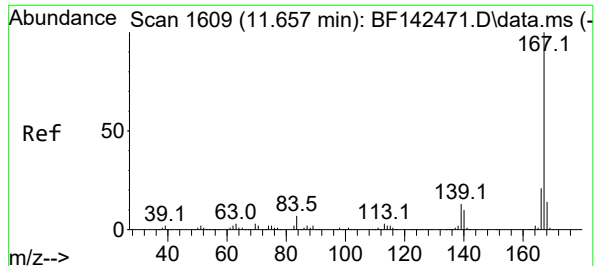
Tgt Ion:178 Resp: 698503
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 38.032 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

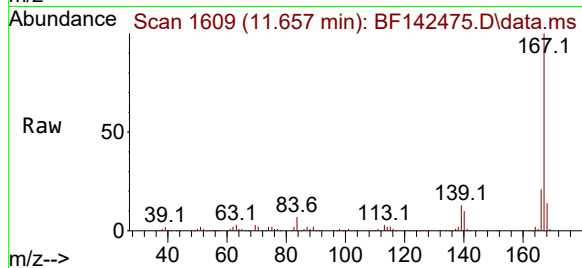
Tgt Ion:178 Resp: 723416
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.6 12.4 18.6



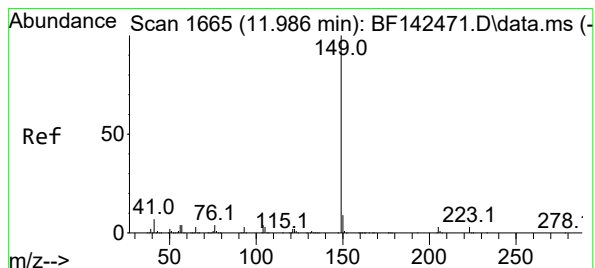
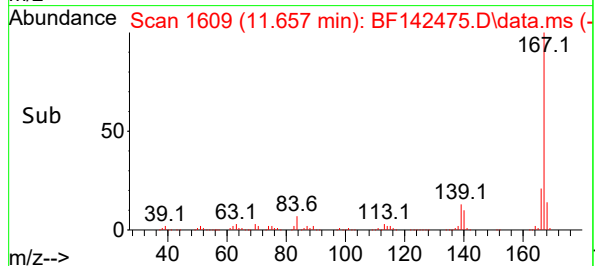
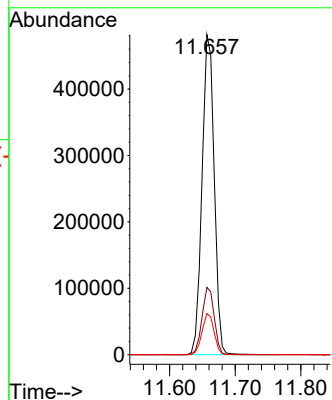


#73
Carbazole
Concen: 38.300 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

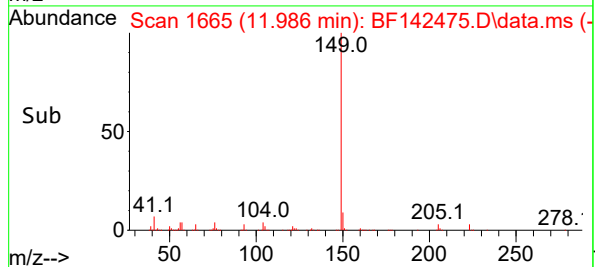
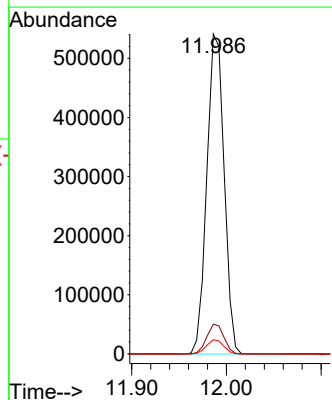
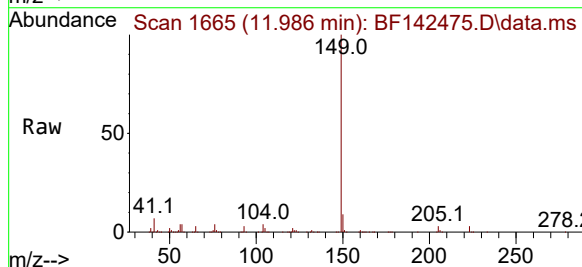


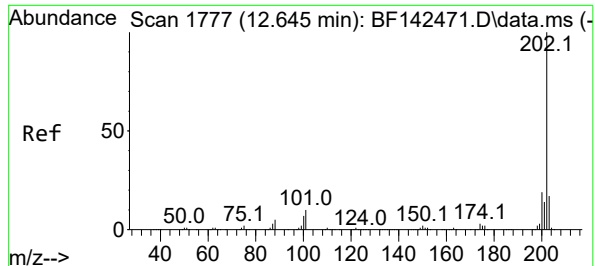
Tgt Ion:167 Resp: 622812
Ion Ratio Lower Upper
167 100
166 21.1 16.9 25.3
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 38.596 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 686988
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.4 3.6 5.4

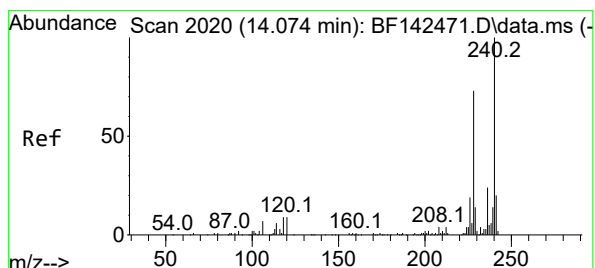
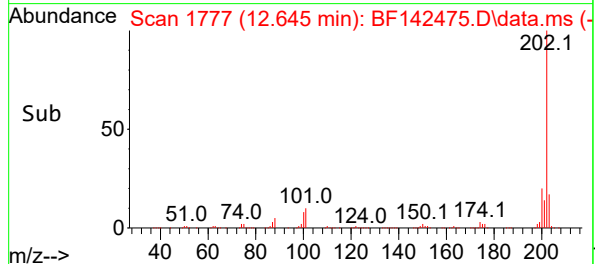
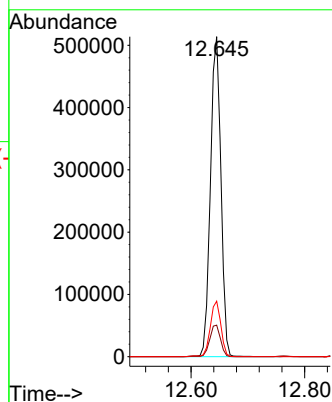
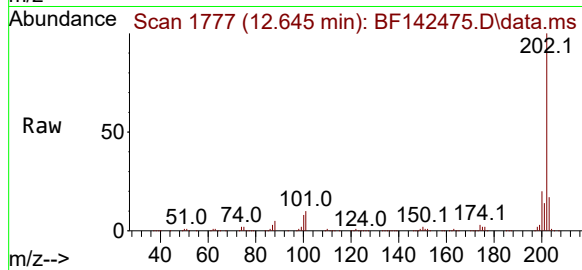




#75
Fluoranthene
Concen: 37.479 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

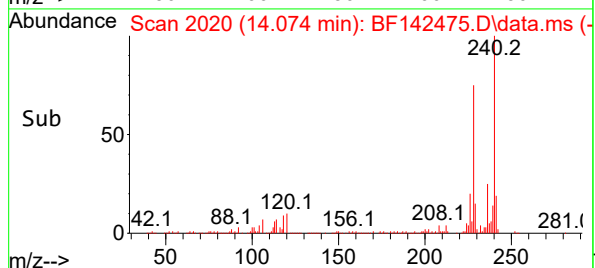
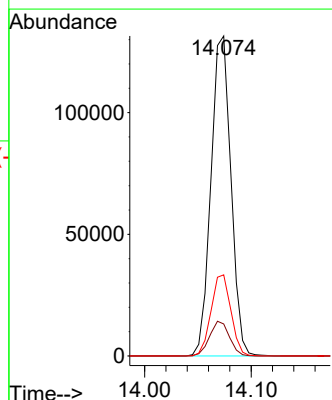
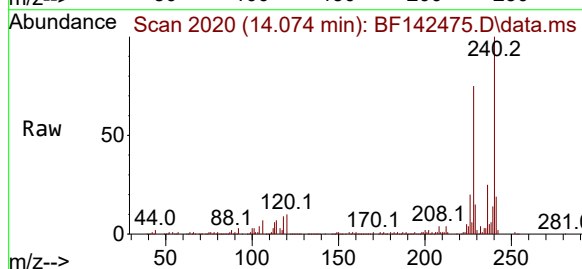
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

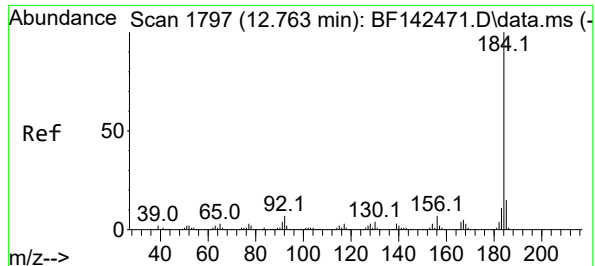
Tgt Ion:202 Resp: 652697
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.6
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:240 Resp: 171632
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 25.3 19.6 29.4

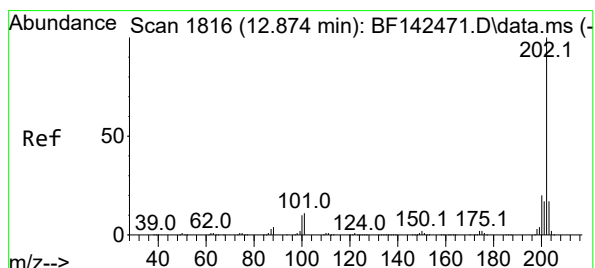
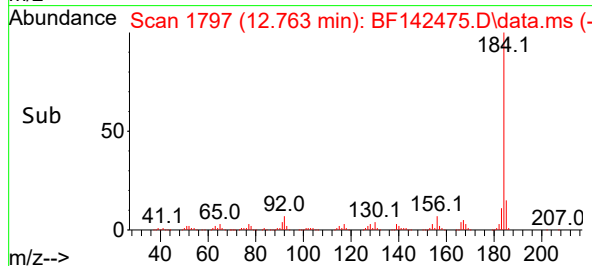
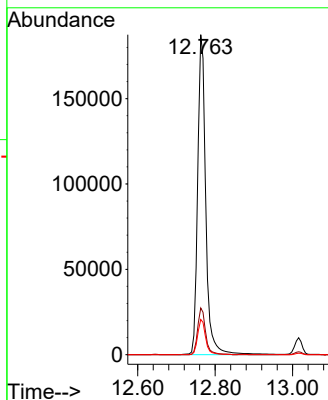
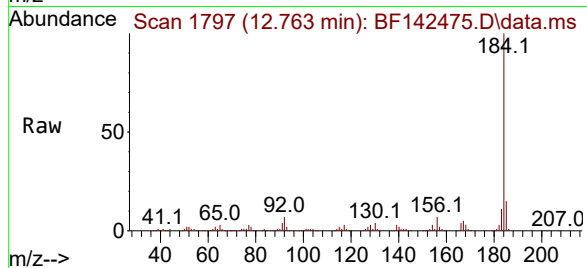




#77
Benzidine
Concen: 42.525 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

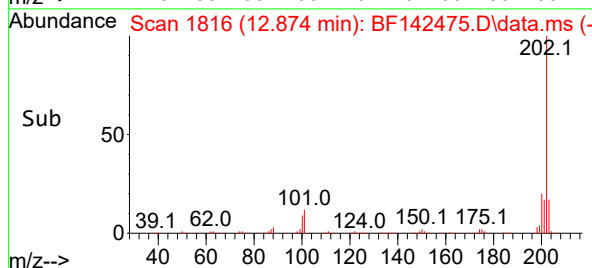
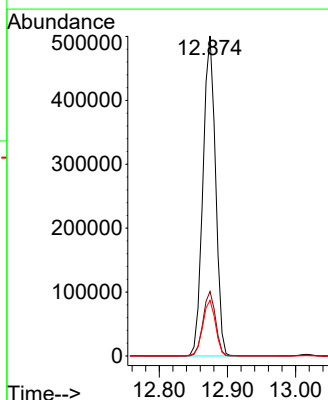
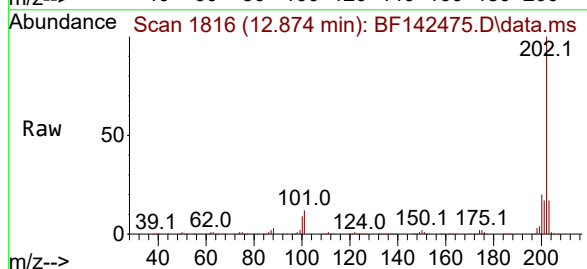
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

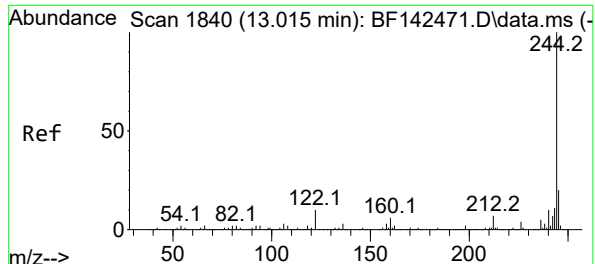
Tgt Ion:184 Resp: 271606
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 40.108 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:202 Resp: 642163
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 77.714 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

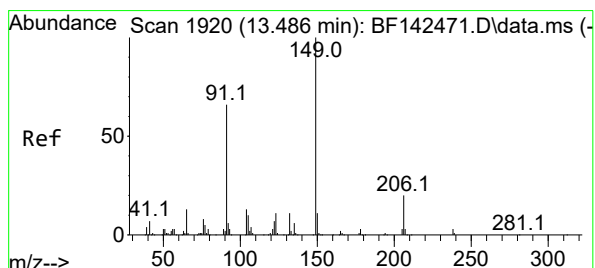
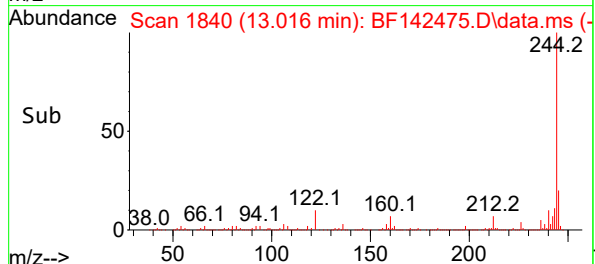
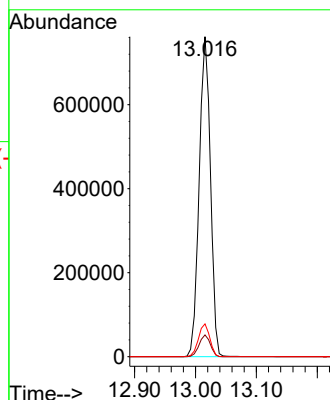
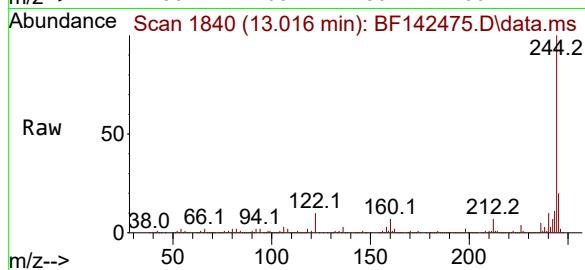
Tgt Ion:244 Resp: 976059

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 40.275 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

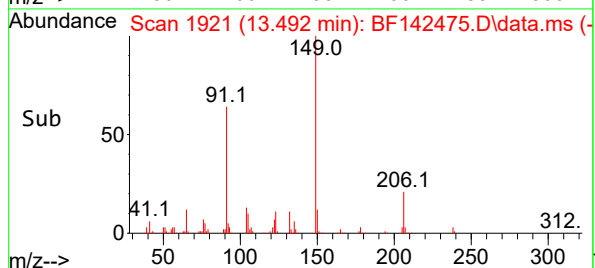
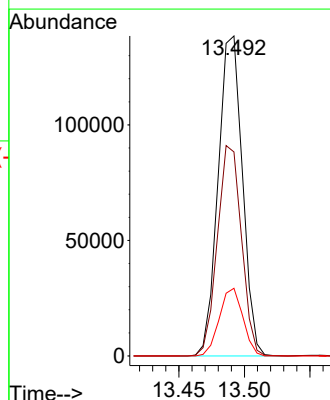
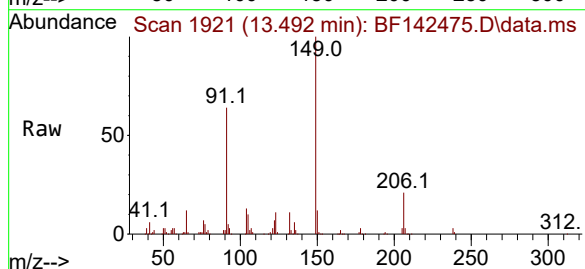
Tgt Ion:149 Resp: 178179

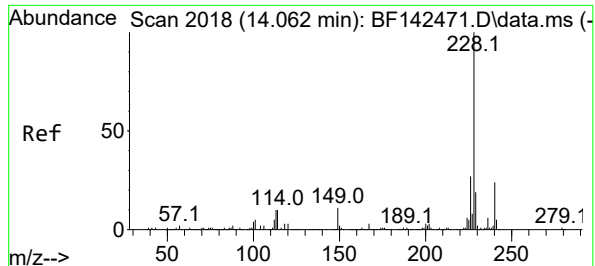
Ion Ratio Lower Upper

149 100

91 63.8 52.9 79.3

206 21.1 16.2 24.2

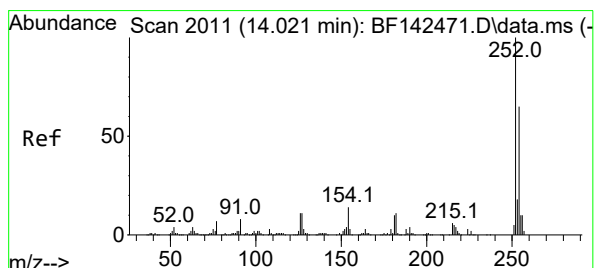
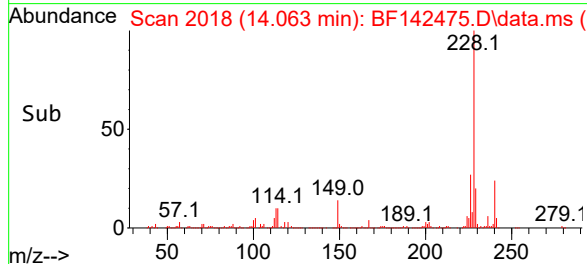
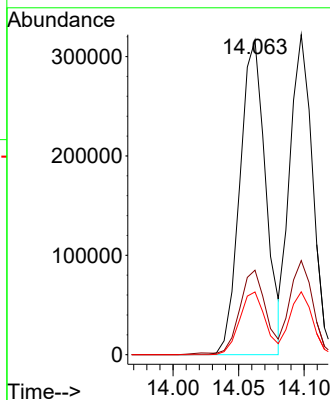
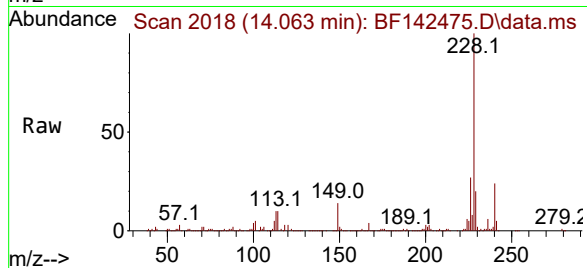




#81
Benzo(a)anthracene
Concen: 37.981 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

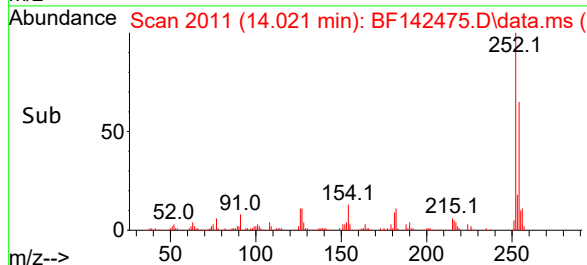
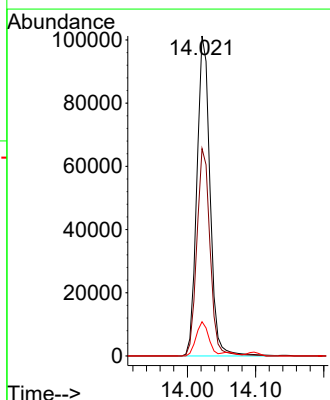
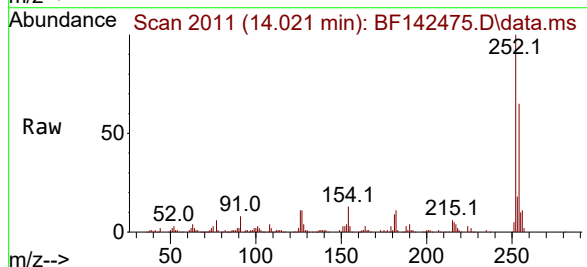
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

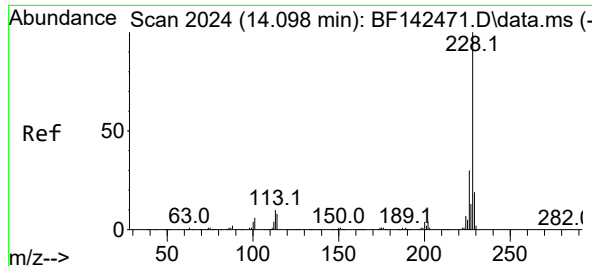
Tgt Ion:228 Resp: 435297
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 38.874 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 135132
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 10.7 8.9 13.3

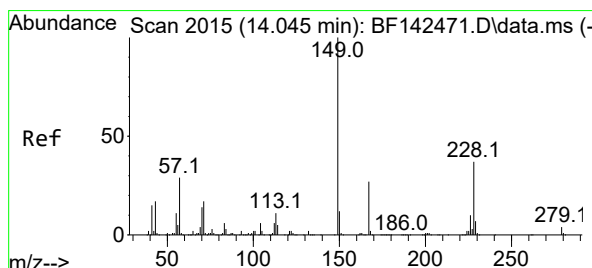
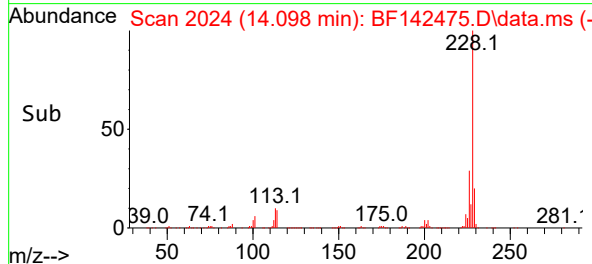
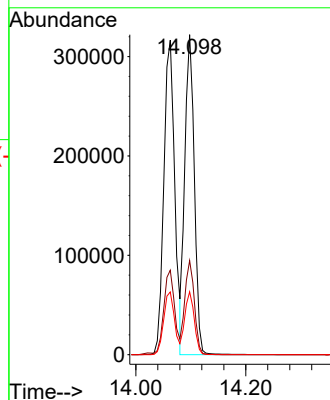
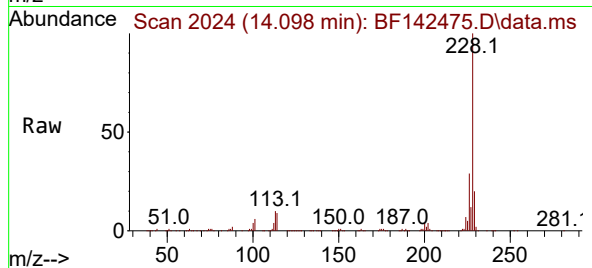




#83
Chrysene
Concen: 37.768 ng
RT: 14.098 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

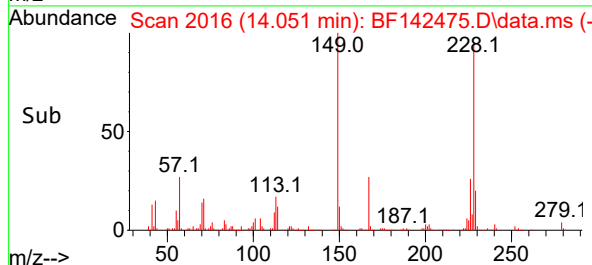
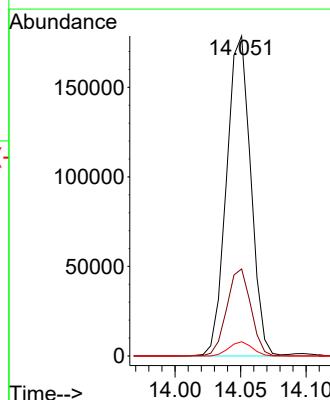
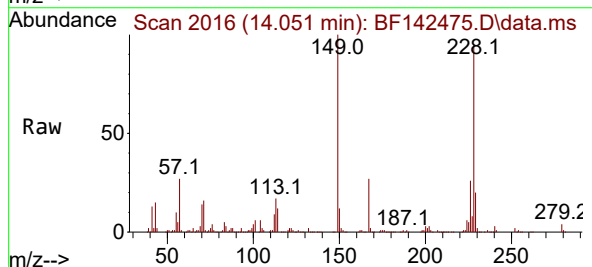
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

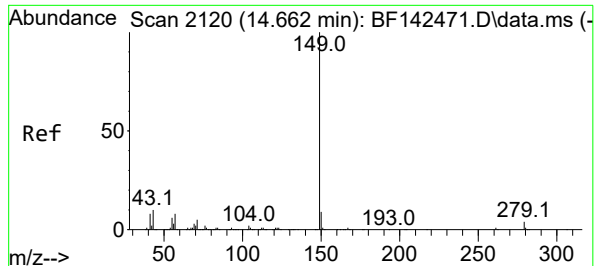
Tgt Ion:228 Resp: 388943
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.6
229 19.6 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.596 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 229915
Ion Ratio Lower Upper
149 100
167 27.2 21.5 32.3
279 4.4 3.2 4.8

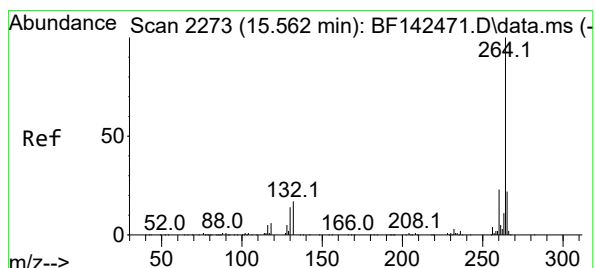
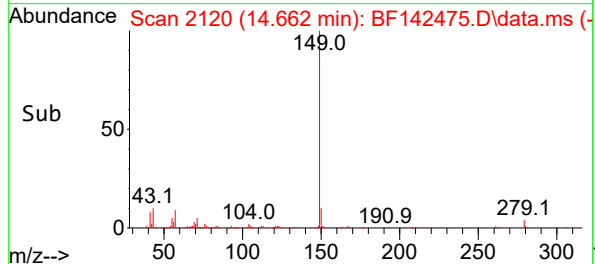
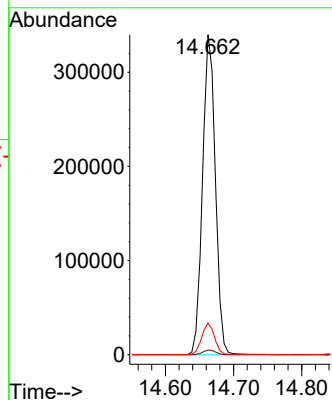
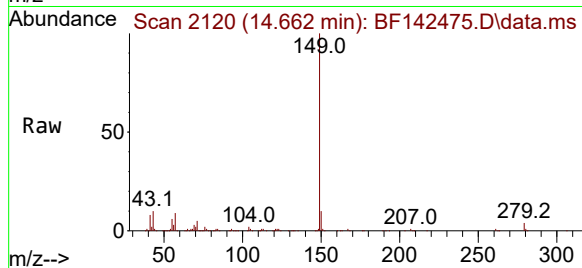




#85
Di-n-octyl phthalate
Concen: 40.048 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

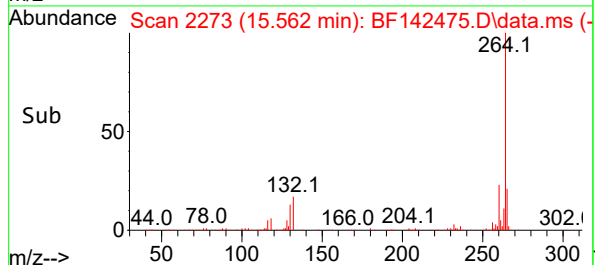
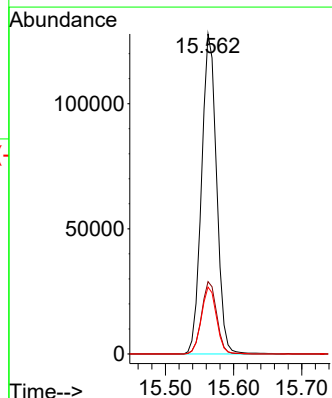
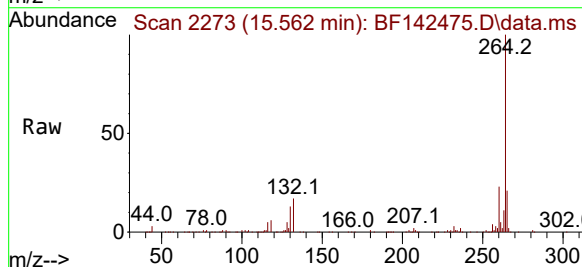
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

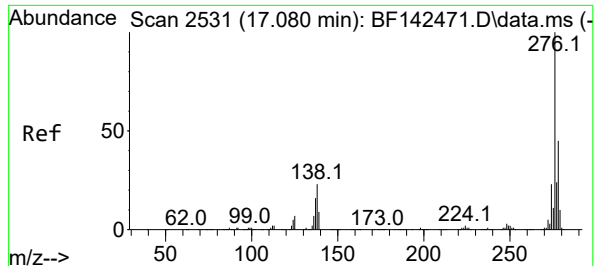
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	20.9	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.070 ng

RT: 17.080 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

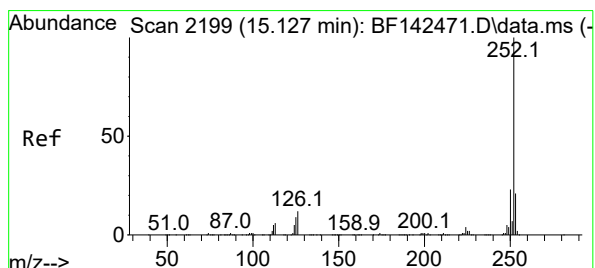
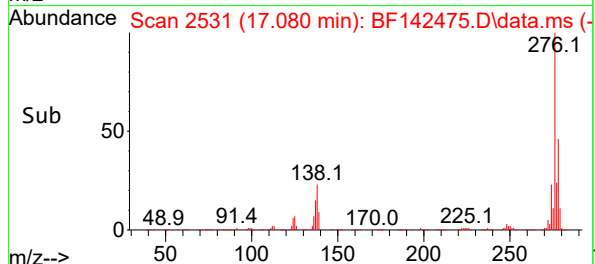
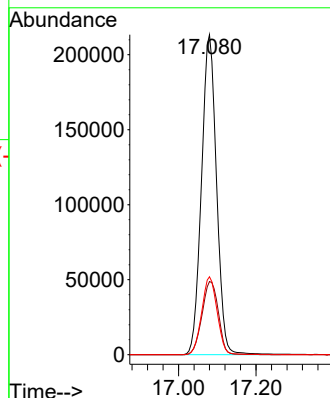
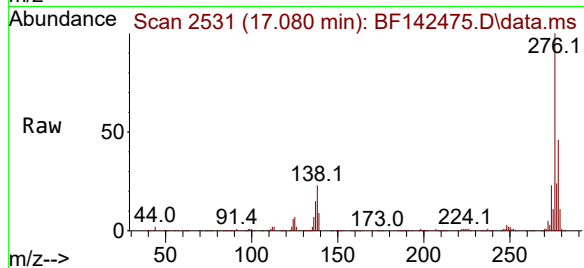
Tgt Ion:276 Resp: 574771

Ion Ratio Lower Upper

276 100

138 24.9 19.9 29.9

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.396 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

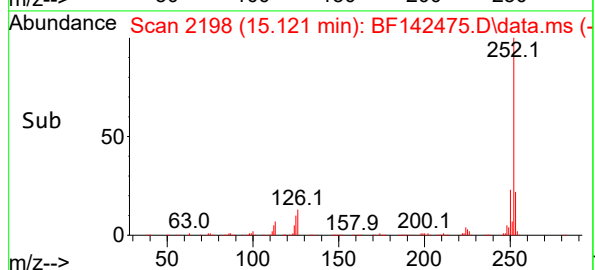
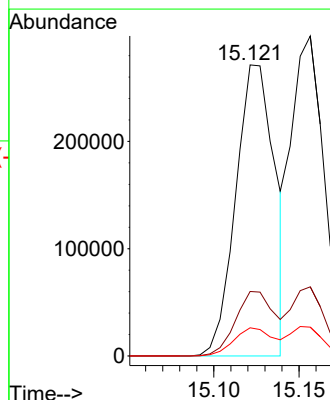
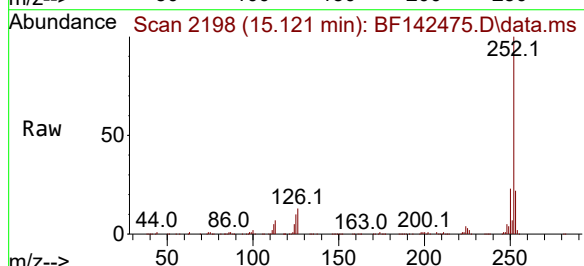
Tgt Ion:252 Resp: 433704

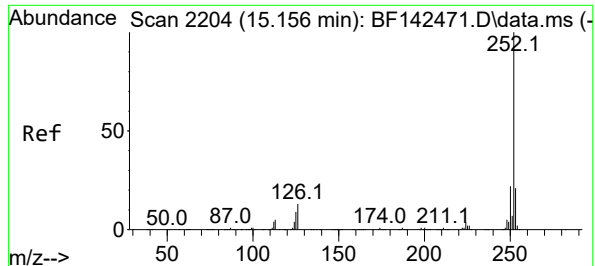
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.255 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

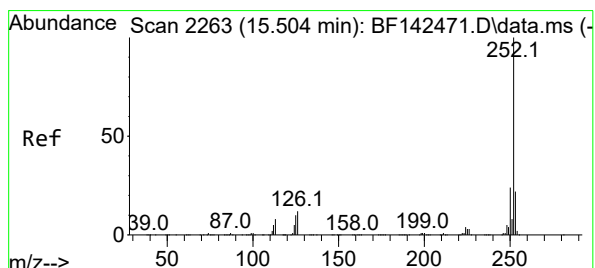
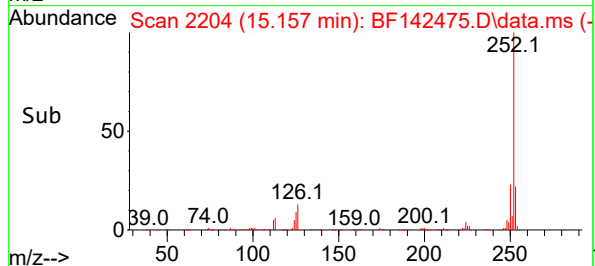
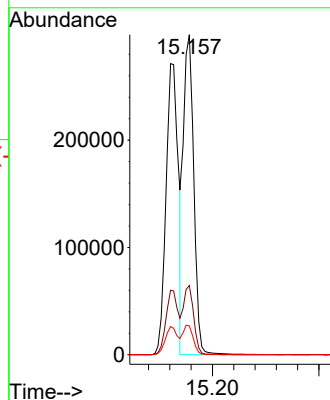
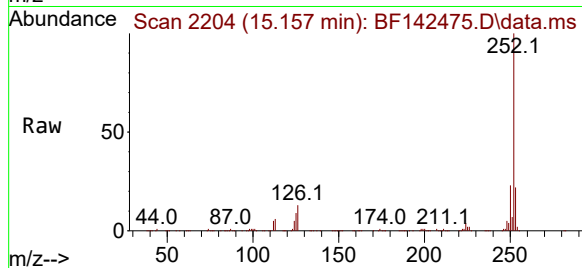
Tgt Ion:252 Resp: 404679

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 9.0 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.578 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

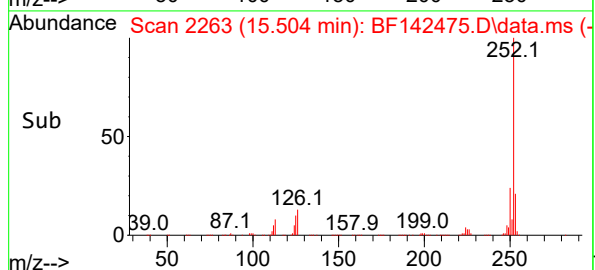
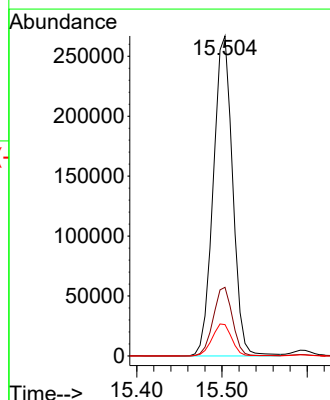
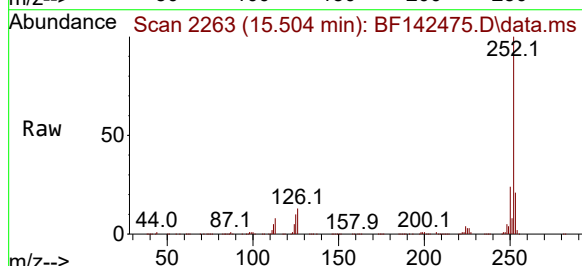
Tgt Ion:252 Resp: 421730

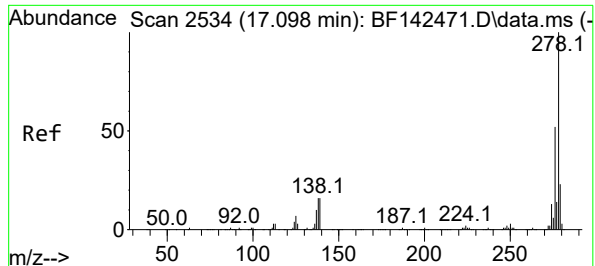
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.8 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 38.868 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

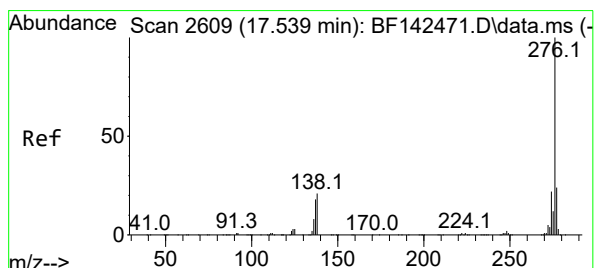
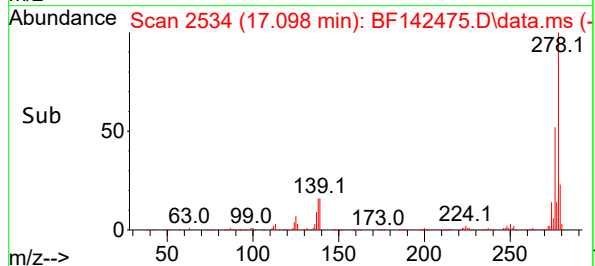
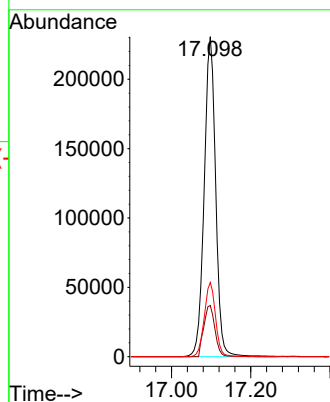
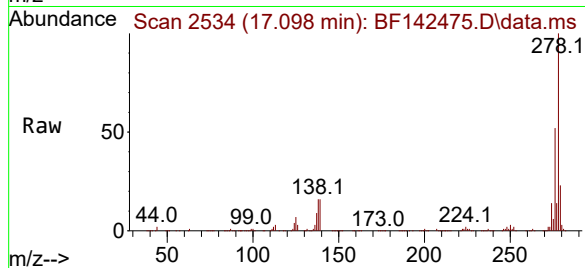
Tgt Ion:278 Resp: 463752

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

279 23.2 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 38.345 ng

RT: 17.539 min Scan# 2609

Delta R.T. -0.018 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

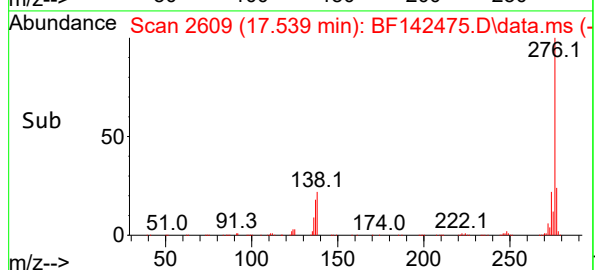
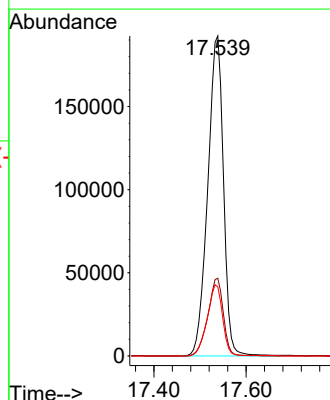
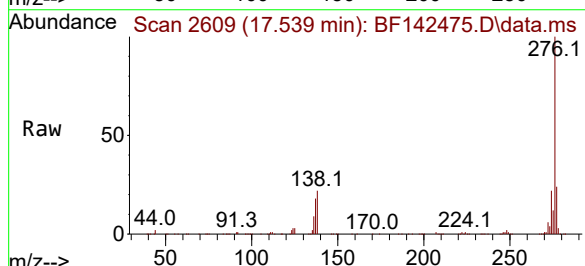
Tgt Ion:276 Resp: 457604

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 21.6 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	0.475	0.453	4.6	101	0.00
3	Pyridine	1.210	1.168	3.5	102	0.00
4	n-Nitrosodimethylamine	0.628	0.612	2.5	101	-0.02
5 S	2-Fluorophenol	1.187	1.115	6.1	101	0.00
6	Aniline	1.921	1.845	4.0	102	0.00
7 S	Phenol-d6	1.429	1.358	5.0	101	-0.01
8	2-Chlorophenol	1.293	1.225	5.3	100	0.00
9	Benzaldehyde	0.859	0.832	3.1	104	0.00
10 C	Phenol	1.608	1.542	4.1	103	-0.01
11	bis(2-Chloroethyl)ether	1.157	1.108	4.2	102	0.00
12	1,3-Dichlorobenzene	1.443	1.356	6.0	99	0.00
13 C	1,4-Dichlorobenzene	1.453	1.384	4.7	100	0.00
14	1,2-Dichlorobenzene	1.391	1.311	5.8	101	0.00
15	Benzyl Alcohol	1.056	1.021	3.3	102	0.00
16	2,2'-oxybis(1-Chloropropane	1.944	1.843	5.2	101	0.00
17	2-Methylphenol	1.010	0.972	3.8	101	0.00
18	Hexachloroethane	0.507	0.484	4.5	101	0.00
19 P	n-Nitroso-di-n-propylamine	0.886	0.838	5.4	101	-0.02
20	3+4-Methylphenols	1.293	1.229	4.9	101	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22	Acetophenone	0.443	0.422	4.7	100	0.00
23 S	Nitrobenzene-d5	0.367	0.354	3.5	102	-0.01
24	Nitrobenzene	0.331	0.320	3.3	101	0.00
25	Isophorone	0.613	0.581	5.2	100	-0.01
26 C	2-Nitrophenol	0.177	0.177	0.0	103	0.00
27	2,4-Dimethylphenol	0.312	0.304	2.6	102	0.00
28	bis(2-Chloroethoxy)methane	0.383	0.368	3.9	103	0.00
29 C	2,4-Dichlorophenol	0.283	0.271	4.2	100	0.00
30	1,2,4-Trichlorobenzene	0.308	0.294	4.5	102	0.00
31	Naphthalene	0.985	0.938	4.8	102	0.00
32	Benzoic acid	0.190	0.192	-1.1	104	-0.04
33	4-Chloroaniline	0.399	0.389	2.5	102	0.00
34 C	Hexachlorobutadiene	0.192	0.185	3.6	101	0.00
35	Caprolactam	0.080	0.078	2.5	101	-0.02
36 C	4-Chloro-3-methylphenol	0.291	0.281	3.4	102	-0.01
37	2-Methylnaphthalene	0.620	0.590	4.8	102	0.00
38	1-Methylnaphthalene	0.641	0.612	4.5	102	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	0.574	0.538	6.3	101	0.00
41 P	Hexachlorocyclopentadiene	0.387	0.387	0.0	102	0.00
42 S	2,4,6-Tribromophenol	0.222	0.210	5.4	103	0.00
43 C	2,4,6-Trichlorophenol	0.387	0.367	5.2	102	0.00
44	2,4,5-Trichlorophenol	0.408	0.385	5.6	101	0.00
45 S	2-Fluorobiphenyl	1.490	1.352	9.3	101	0.00
46	1,1'-Biphenyl	1.552	1.454	6.3	102	0.00
47	2-Chloronaphthalene	1.146	1.082	5.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.331	0.322	2.7	103	0.00
49	Acenaphthylene	1.936	1.821	5.9	102	0.00
50	Dimethylphthalate	1.320	1.227	7.0	101	0.00
51	2,6-Dinitrotoluene	0.285	0.272	4.6	100	0.00
52 C	Acenaphthene	1.182	1.119	5.3	103	0.00
53	3-Nitroaniline	0.311	0.297	4.5	103	0.00
54 P	2,4-Dinitrophenol	0.147	0.153	-4.1	106	-0.01
55	Dibenzofuran	1.701	1.581	7.1	102	0.00
56 P	4-Nitrophenol	0.230	0.226	1.7	103	0.00
57	2,4-Dinitrotoluene	0.372	0.358	3.8	102	0.00
58	Fluorene	1.314	1.204	8.4	101	0.00
59	2,3,4,6-Tetrachlorophenol	0.341	0.324	5.0	101	0.00
60	Diethylphthalate	1.289	1.219	5.4	102	0.00
61	4-Chlorophenyl-phenylether	0.646	0.597	7.6	101	0.00
62	4-Nitroaniline	0.282	0.269	4.6	100	-0.01
63	Azobenzene	1.158	1.093	5.6	102	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	0.112	0.118	-5.4	104	0.00
66 c	n-Nitrosodiphenylamine	0.684	0.652	4.7	102	0.00
67	4-Bromophenyl-phenylether	0.236	0.226	4.2	103	0.00
68	Hexachlorobenzene	0.262	0.252	3.8	102	0.00
69	Atrazine	0.182	0.180	1.1	103	0.00
70 C	Pentachlorophenol	0.148	0.151	-2.0	104	0.00
71	Phenanthrene	1.069	1.001	6.4	101	0.00
72	Anthracene	1.091	1.037	4.9	102	0.00
73	Carbazole	0.933	0.893	4.3	102	0.00
74	Di-n-butylphthalate	1.021	0.985	3.5	103	0.00
75 C	Fluoranthene	0.999	0.936	6.3	101	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzidine	0.744	0.791	-6.3	101	0.00
78	Pyrene	1.866	1.871	-0.3	102	0.00
79 S	Terphenyl-d14	1.464	1.422	2.9	101	0.00
80	Butylbenzylphthalate	0.516	0.519	-0.6	100	0.00
81	Benzo(a)anthracene	1.336	1.268	5.1	101	0.00
82	3,3'-Dichlorobenzidine	0.405	0.394	2.7	98	0.00
83	Chrysene	1.200	1.133	5.6	100	0.00
84	Bis(2-ethylhexyl)phthalate	0.660	0.670	-1.5	101	0.00
85 c	Di-n-octyl phthalate	1.290	1.292	-0.2	104	0.00
86 I	Perylene-d12	1.000	1.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	1.501	1.467	2.3	105	-0.01
88	Benzo(b)fluoranthene	1.184	1.107	6.5	102	0.00
89	Benzo(k)fluoranthene	1.109	1.033	6.9	103	0.00
90 C	Benzo(a)pyrene	1.116	1.076	3.6	103	0.00
91	Dibenzo(a,h)anthracene	1.218	1.183	2.9	103	-0.02
92	Benzo(g,h,i)perylene	1.218	1.168	4.1	102	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	38.184	4.5	101	0.00
3	Pyridine	40.000	38.607	3.5	102	0.00
4	n-Nitrosodimethylamine	40.000	38.995	2.5	101	-0.02
5 S	2-Fluorophenol	80.000	75.157	6.1	101	0.00
6	Aniline	40.000	38.415	4.0	102	0.00
7 S	Phenol-d6	80.000	76.025	5.0	101	-0.01
8	2-Chlorophenol	40.000	37.902	5.2	100	0.00
9	Benzaldehyde	40.000	38.726	3.2	104	0.00
10 C	Phenol	40.000	38.362	4.1	103	-0.01
11	bis(2-Chloroethyl)ether	40.000	38.280	4.3	102	0.00
12	1,3-Dichlorobenzene	40.000	37.579	6.1	99	0.00
13 C	1,4-Dichlorobenzene	40.000	38.078	4.8	100	0.00
14	1,2-Dichlorobenzene	40.000	37.716	5.7	101	0.00
15	Benzyl Alcohol	40.000	38.663	3.3	102	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.927	5.2	101	0.00
17	2-Methylphenol	40.000	38.500	3.8	101	0.00
18	Hexachloroethane	40.000	38.137	4.7	101	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.833	5.4	101	-0.02
20	3+4-Methylphenols	40.000	38.020	4.9	101	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22	Acetophenone	40.000	38.118	4.7	100	0.00
23 S	Nitrobenzene-d5	80.000	77.283	3.4	102	-0.01
24	Nitrobenzene	40.000	38.737	3.2	101	0.00
25	Isophorone	40.000	37.906	5.2	100	-0.01
26 C	2-Nitrophenol	40.000	39.958	0.1	103	0.00
27	2,4-Dimethylphenol	40.000	38.953	2.6	102	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.407	4.0	103	0.00
29 C	2,4-Dichlorophenol	40.000	38.285	4.3	100	0.00
30	1,2,4-Trichlorobenzene	40.000	38.187	4.5	102	0.00
31	Naphthalene	40.000	38.112	4.7	102	0.00
32	Benzoic acid	40.000	40.490	-1.2	104	-0.04
33	4-Chloroaniline	40.000	38.962	2.6	102	0.00
34 C	Hexachlorobutadiene	40.000	38.512	3.7	101	0.00
35	Caprolactam	40.000	39.162	2.1	101	-0.02
36 C	4-Chloro-3-methylphenol	40.000	38.654	3.4	102	-0.01
37	2-Methylnaphthalene	40.000	38.062	4.8	102	0.00
38	1-Methylnaphthalene	40.000	38.229	4.4	102	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.508	6.2	101	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.991	0.0	102	0.00
42 S	2,4,6-Tribromophenol	80.000	75.790	5.3	103	0.00
43 C	2,4,6-Trichlorophenol	40.000	37.954	5.1	102	0.00
44	2,4,5-Trichlorophenol	40.000	37.766	5.6	101	0.00
45 S	2-Fluorobiphenyl	80.000	72.557	9.3	101	0.00
46	1,1'-Biphenyl	40.000	37.487	6.3	102	0.00
47	2-Chloronaphthalene	40.000	37.763	5.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	38.867	2.8	103	0.00
49	Acenaphthylene	40.000	37.630	5.9	102	0.00
50	Dimethylphthalate	40.000	37.184	7.0	101	0.00
51	2,6-Dinitrotoluene	40.000	38.191	4.5	100	0.00
52 C	Acenaphthene	40.000	37.877	5.3	103	0.00
53	3-Nitroaniline	40.000	38.246	4.4	103	0.00
54 P	2,4-Dinitrophenol	40.000	41.481	-3.7	106	-0.01
55	Dibenzofuran	40.000	37.170	7.1	102	0.00
56 P	4-Nitrophenol	40.000	39.320	1.7	103	0.00
57	2,4-Dinitrotoluene	40.000	38.463	3.8	102	0.00
58	Fluorene	40.000	36.662	8.3	101	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.000	5.0	101	0.00
60	Diethylphthalate	40.000	37.844	5.4	102	0.00
61	4-Chlorophenyl-phenylether	40.000	36.985	7.5	101	0.00
62	4-Nitroaniline	40.000	38.132	4.7	100	-0.01
63	Azobenzene	40.000	37.780	5.5	102	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.334	-5.8	104	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.132	4.7	102	0.00
67	4-Bromophenyl-phenylether	40.000	38.189	4.5	103	0.00
68	Hexachlorobenzene	40.000	38.554	3.6	102	0.00
69	Atrazine	40.000	39.541	1.1	103	0.00
70 C	Pentachlorophenol	40.000	40.866	-2.2	104	0.00
71	Phenanthrene	40.000	37.478	6.3	101	0.00
72	Anthracene	40.000	38.032	4.9	102	0.00
73	Carbazole	40.000	38.300	4.3	102	0.00
74	Di-n-butylphthalate	40.000	38.596	3.5	103	0.00
75 C	Fluoranthene	40.000	37.479	6.3	101	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzydine	40.000	42.525	-6.3	101	0.00
78	Pyrene	40.000	40.108	-0.3	102	0.00
79 S	Terphenyl-d14	80.000	77.714	2.9	101	0.00
80	Butylbenzylphthalate	40.000	40.275	-0.7	100	0.00
81	Benzo(a)anthracene	40.000	37.981	5.0	101	0.00
82	3,3'-Dichlorobenzidine	40.000	38.874	2.8	98	0.00
83	Chrysene	40.000	37.768	5.6	100	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.596	-1.5	101	0.00
85 c	Di-n-octyl phthalate	40.000	40.048	-0.1	104	0.00
86 I	Perylene-d12	20.000	20.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.070	2.3	105	-0.01
88	Benzo(b)fluoranthene	40.000	37.396	6.5	102	0.00
89	Benzo(k)fluoranthene	40.000	37.255	6.9	103	0.00
90 C	Benzo(a)pyrene	40.000	38.578	3.6	103	0.00
91	Dibenzo(a,h)anthracene	40.000	38.868	2.8	103	-0.02
92	Benzo(g,h,i)perylene	40.000	38.345	4.1	102	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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.: Q2106 SAS No.: Q2106 SDG No.: Q2106
 Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025
 Calibration Time(s): 10:41 15:26

LAB FILE ID:		RRF2.5 = BP024614.D		RRF005 = BP024615.D		RRF010 = BP024616.D		
		RRF020 = BP024617.D		RRF040 = BP024618.D		RRF050 = BP024619.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.169	5.5
Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.492	9.1
Phenol		1.373	1.401	1.526	1.509	1.707	1.540	8.2
1,4-Dichlorobenzene		1.558	1.505	1.525	1.470	1.637	1.536	3.7
Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.396	4.7
1,2,4-Trichlorobenzene		0.346	0.322	0.327	0.306	0.347	0.329	4.3
Naphthalene		1.064	1.026	1.049	0.980	1.091	1.036	3.5
2-Fluorobiphenyl		1.601	1.498	1.553	1.432	1.602	1.527	4.1
2,4,6-Tribromophenol		0.324	0.321	0.335	0.323	0.369	0.339	5.5
Terphenyl-d14		1.192	1.113	1.165	1.125	1.226	1.166	3.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP051325.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue May 13 16:21:39 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP024614.D 5 =BP024615.D 10 =BP024616.D 20 =BP024617.D 40 =BP024618.D 50 =BP024619.D 60 =BP024620.D 80 =BP024621.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.641	0.557	0.535	0.505	0.562	0.530	0.513	0.549	8.31	
3)	Pyridine	1.054	1.135	1.202	1.198	1.363	1.307	1.263	1.218	8.57	
4)	n-Nitrosodimet...	0.536	0.507	0.527	0.517	0.580	0.557	0.537	0.538	4.61	
5) S	2-Fluorophenol	1.134	1.096	1.162	1.105	1.272	1.223	1.193	1.169	5.50	
6)	Aniline	1.717	1.703	1.932	1.917	2.130	2.091	1.999	1.927	8.67	
7) S	Phenol-d6	1.301	1.344	1.486	1.472	1.671	1.620	1.552	1.492	9.09	
8)	2-Chlorophenol	1.200	1.204	1.311	1.303	1.465	1.433	1.376	1.327	7.83	
9)	Benzaldehyde	0.991	1.008	1.046	0.955	1.043	0.954	0.766	0.966	9.91	
10) C	Phenol	1.373	1.401	1.526	1.509	1.707	1.670	1.597	1.540	8.24	
11)	bis(2-Chloroet...	1.317	1.170	1.257	1.213	1.357	1.299	1.247	1.266	5.04	
12)	1,3-Dichlorobe...	1.596	1.487	1.520	1.440	1.622	1.546	1.480	1.527	4.29	
13) C	1,4-Dichlorobe...	1.558	1.505	1.525	1.470	1.637	1.567	1.491	1.536	3.67	
14)	1,2-Dichlorobe...	1.530	1.467	1.498	1.426	1.579	1.529	1.449	1.497	3.56	
15)	Benzyl Alcohol	0.883	0.950	1.128	1.149	1.306	1.288	1.236	1.134	14.43	
16)	2,2'-oxybis(1-...	1.543	1.445	1.520	1.467	1.617	1.564	1.454	1.516	4.22	
17)	2-Methylphenol	0.966	0.949	1.105	1.099	1.246	1.213	1.154	1.105	10.30	
18)	Hexachloroethane	0.606	0.591	0.582	0.551	0.623	0.597	0.570	0.589	4.04	
19) P	n-Nitroso-di-n...	0.880	0.977	0.967	1.086	1.048	1.142	1.132	1.026	1.032	8.63
20)	3+4-Methylphenols	1.221	1.302	1.503	1.515	1.702	1.692	1.584	1.503	12.21	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.486	0.481	0.511	0.483	0.534	0.512	0.491	0.500	3.97	
23) S	Nitrobenzene-d5	0.381	0.376	0.401	0.382	0.429	0.408	0.394	0.396	4.67	
24)	Nitrobenzene	0.333	0.340	0.355	0.337	0.373	0.356	0.344	0.348	4.03	
25)	Isophorone	0.644	0.640	0.695	0.673	0.753	0.721	0.682	0.687	5.91	
26) C	2-Nitrophenol	0.135	0.143	0.168	0.172	0.196	0.192	0.189	0.171	14.05	
27)	2,4-Dimethylph...	0.273	0.279	0.300	0.298	0.329	0.318	0.309	0.301	6.60	
28)	bis(2-Chloroet...	0.403	0.391	0.411	0.399	0.443	0.419	0.405	0.410	4.15	
29) C	2,4-Dichloroph...	0.250	0.258	0.290	0.291	0.327	0.316	0.309	0.292	9.96	
30)	1,2,4-Trichlor...	0.346	0.322	0.327	0.306	0.347	0.329	0.323	0.329	4.33	
31)	Naphthalene	1.064	1.026	1.049	0.980	1.091	1.037	1.007	1.036	3.54	
32)	Benzoic acid		0.089	0.146	0.191	0.215	0.220	0.225	0.181	29.55	
33)	4-Chloroaniline	0.348	0.371	0.420	0.418	0.465	0.462	0.442	0.418	10.62	
34) C	Hexachlorobuta...	0.231	0.214	0.211	0.198	0.222	0.209	0.206	0.213	5.08	
35)	Caprolactam	0.082	0.092	0.104	0.109	0.121	0.121	0.110	0.106	13.80	
36) C	4-Chloro-3-met...	0.316	0.325	0.358	0.356	0.391	0.384	0.359	0.356	7.78	
37)	2-Methylnaphth...	0.673	0.654	0.670	0.640	0.713	0.693	0.654	0.671	3.73	
38)	1-Methylnaphth...	0.741	0.700	0.720	0.690	0.751	0.733	0.690	0.718	3.47	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP051325.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.593	0.558	0.574	0.549	0.625	0.580	0.586	0.581	4.26	
41) P	Hexachlorocycl...	0.250	0.276	0.350	0.356	0.420	0.391	0.421	0.352	19.02	
42) S	2,4,6-Tribromo...	0.324	0.321	0.335	0.323	0.369	0.357	0.346	0.339	5.49	
43) C	2,4,6-Trichlor...	0.305	0.341	0.375	0.371	0.428	0.410	0.402	0.376	11.29	
44)	2,4,5-Trichlor...	0.376	0.375	0.418	0.404	0.471	0.447	0.440	0.419	8.68	
45) S	2-Fluorobiphenyl	1.601	1.498	1.553	1.432	1.602	1.515	1.485	1.527	4.10	
46)	1,1'-Biphenyl	1.524	1.434	1.492	1.383	1.586	1.473	1.456	1.478	4.40	
47)	2-Chloronaphth...	1.147	1.106	1.131	1.065	1.196	1.132	1.113	1.127	3.56	
48)	2-Nitroaniline	0.279	0.304	0.331	0.335	0.381	0.364	0.343	0.334	10.28	
49)	Acenaphthylene	1.845	1.818	1.920	1.804	2.029	1.930	1.856	1.886	4.19	
50)	Dimethylphthalate	1.570	1.527	1.518	1.450	1.611	1.535	1.460	1.524	3.73	
51)	2,6-Dinitrotol...	0.299	0.308	0.326	0.312	0.354	0.337	0.319	0.322	5.75	
52) C	Acenaphthene	1.105	1.054	1.094	1.028	1.159	1.099	1.052	1.084	4.02	
53)	3-Nitroaniline	0.258	0.275	0.329	0.340	0.379	0.370	0.350	0.329	14.04	
54) P	2,4-Dinitrophenol		0.098	0.143	0.172	0.201	0.201	0.201	0.169	24.79	
55)	Dibenzofuran	1.810	1.716	1.740	1.633	1.816	1.733	1.658	1.730	4.00	
56) P	4-Nitrophenol		0.159	0.222	0.257	0.299	0.288	0.274	0.250	20.82	
57)	2,4-Dinitrotol...	0.400	0.422	0.456	0.454	0.508	0.483	0.454	0.454	7.87	
58)	Fluorene	1.466	1.415	1.410	1.336	1.494	1.410	1.341	1.410	4.14	
59)	2,3,4,6-Tetrac...	0.367	0.364	0.381	0.379	0.428	0.406	0.394	0.388	5.89	
60)	Diethylphthalate	1.593	1.542	1.537	1.444	1.639	1.563	1.468	1.541	4.40	
61)	4-Chlorophenyl...	0.752	0.697	0.700	0.656	0.741	0.709	0.668	0.703	5.01	
62)	4-Nitroaniline	0.228	0.259	0.326	0.330	0.375	0.363	0.341	0.317	17.06	
63)	Azobenzene	1.327	1.299	1.356	1.250	1.407	1.343	1.243	1.318	4.45	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.094	0.120	0.129	0.149	0.143	0.141	0.129	15.64	
66) c	n-Nitrosodiphe...	0.603	0.589	0.627	0.593	0.667	0.621	0.600	0.614	4.41	
67)	4-Bromophenyl-...	0.231	0.223	0.237	0.226	0.252	0.242	0.240	0.236	4.31	
68)	Hexachlorobenzene	0.303	0.288	0.298	0.282	0.321	0.304	0.300	0.299	4.25	
69)	Atrazine	0.210	0.209	0.227	0.218	0.248	0.237	0.226	0.225	6.32	
70) C	Pentachlorophenol	0.124	0.137	0.163	0.172	0.198	0.191	0.192	0.168	17.12	
71)	Phenanthrene	1.144	1.085	1.125	1.051	1.170	1.125	1.083	1.112	3.68	
72)	Anthracene	1.097	1.064	1.142	1.075	1.205	1.139	1.108	1.119	4.31	
73)	Carbazole	0.923	0.944	1.039	1.001	1.114	1.053	1.013	1.012	6.43	
74)	Di-n-butylphth...	1.182	1.218	1.332	1.260	1.447	1.363	1.313	1.302	6.97	
75) C	Fluoranthene	1.271	1.254	1.314	1.250	1.399	1.337	1.272	1.300	4.18	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine		0.362	0.543	0.560	0.657	0.599	0.548	0.545	18.22	
78)	Pyrene	1.184	1.137	1.197	1.153	1.273	1.222	1.223	1.198	3.85	
79) S	Terphenyl-d14	1.192	1.113	1.165	1.125	1.226	1.175	1.167	1.166	3.30	
80)	Butylbenzylphth...	0.458	0.465	0.537	0.527	0.604	0.571	0.569	0.533	10.28	
81)	Benzo(a)anthra...	1.251	1.218	1.253	1.208	1.336	1.275	1.250	1.256	3.36	
82)	3,3'-Dichlorob...	0.357	0.392	0.474	0.477	0.539	0.511	0.514	0.466	14.45	
83)	Chrysene	1.214	1.180	1.185	1.131	1.255	1.188	1.180	1.190	3.16	
84)	Bis(2-ethylhex...	0.673	0.683	0.801	0.766	0.884	0.836	0.841	0.783	10.32	
85) c	Di-n-octyl pht...	1.048	1.116	1.272	1.280	1.458	1.376	1.417	1.281	11.95	

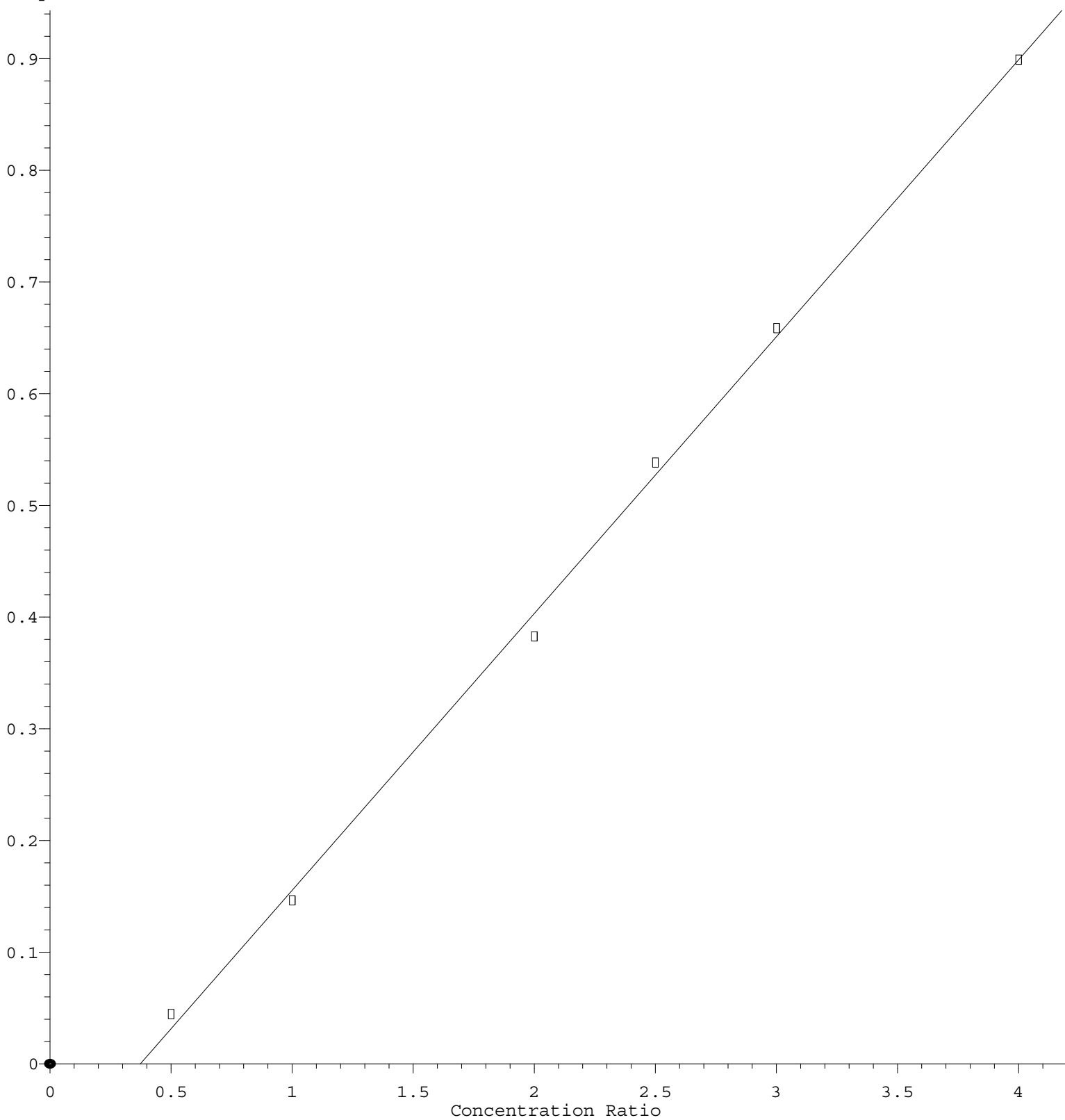
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.341	1.357	1.447	1.424	1.608	1.549	1.494	1.460	6.70
88)	Benzo(b)fluora...	1.028	1.070	1.152	1.103	1.288	1.184	1.189	1.145	7.58
89)	Benzo(k)fluora...	1.147	1.106	1.182	1.140	1.258	1.238	1.185	1.180	4.59
90) C	Benzo(a)pyrene	0.995	1.001	1.112	1.064	1.221	1.167	1.136	1.099	7.68
91)	Dibenzo(a,h)an...	1.068	1.066	1.186	1.167	1.321	1.271	1.236	1.188	8.18
92)	Benzo(g,h,i)pe...	1.101	1.106	1.167	1.147	1.294	1.242	1.212	1.181	6.07

(#) = Out of Range

Benzoic acid

Response Ratio



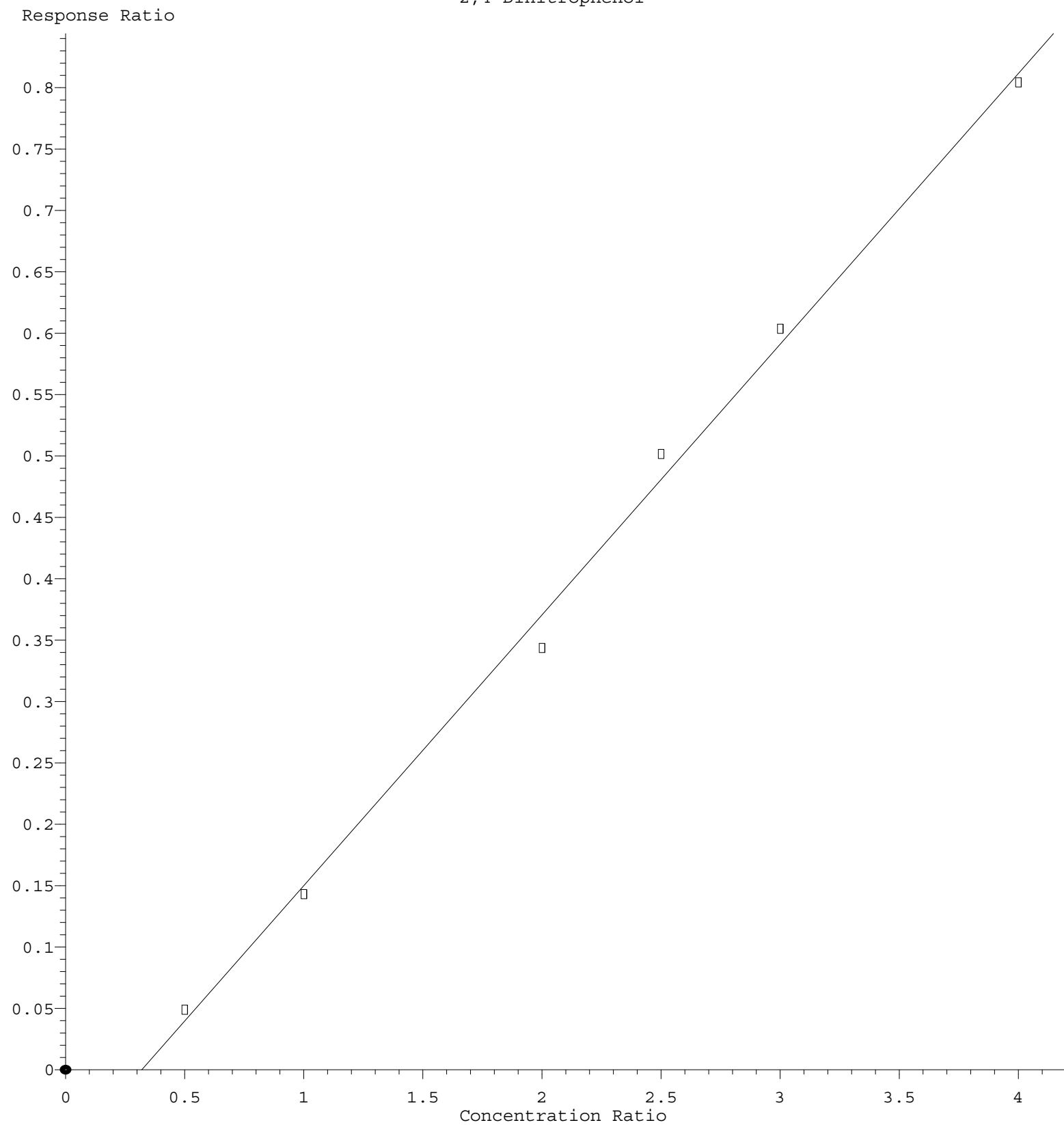
$$\text{Response} = 2.481\text{e-}001 * \text{Amt} - 9.265\text{e-}002$$

Coef of Det (r^2) = 0.998338 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M

Calibration Table Last Updated: Tue May 13 16:21:39 2025

2,4-Dinitrophenol



$$\text{Response} = 2.207\text{e-}001 * \text{Amt} - 7.063\text{e-}002$$

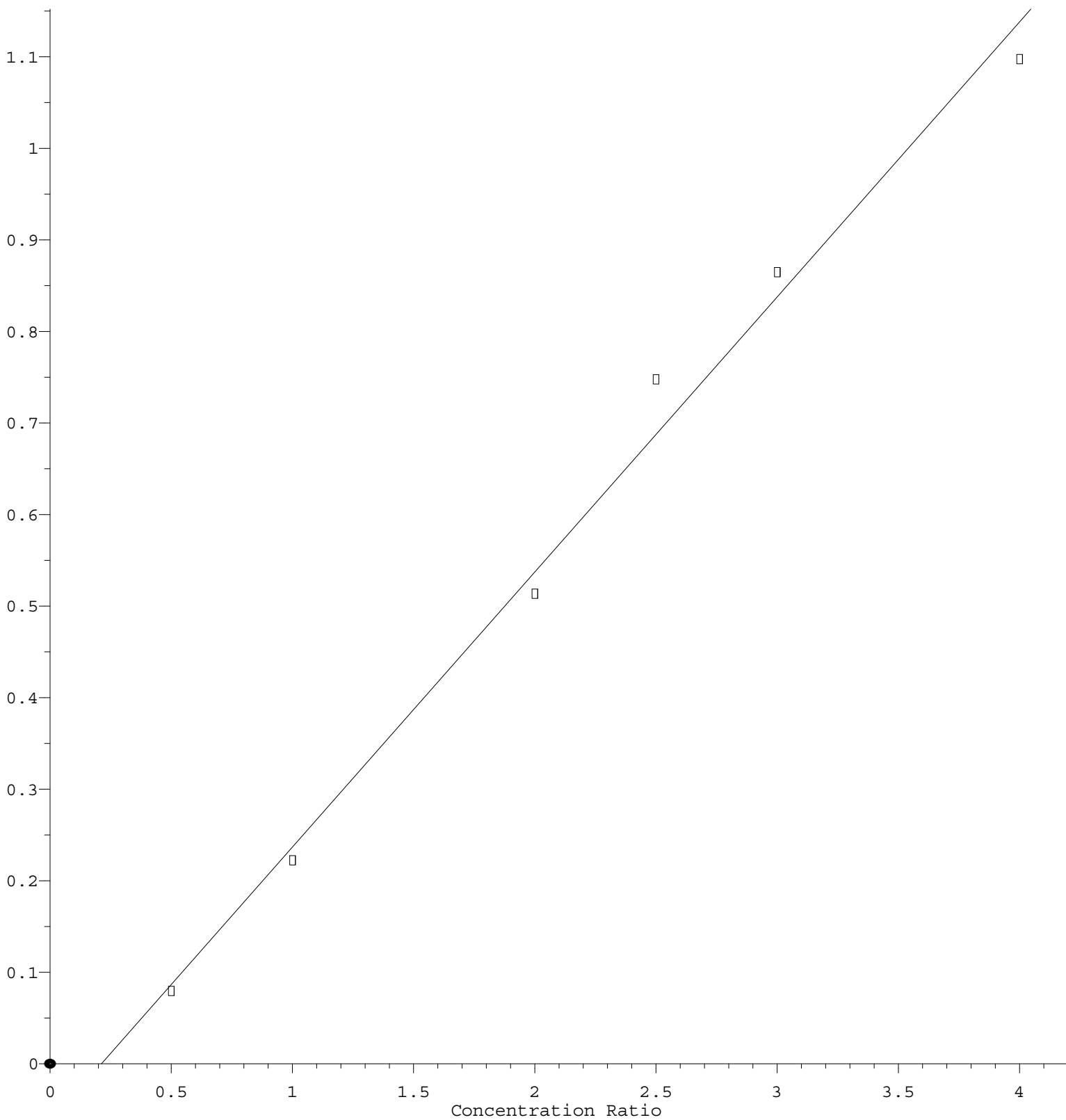
Coef of Det (r^2) = 0.996311 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M

Calibration Table Last Updated: Tue May 13 16:21:39 2025

4-Nitrophenol

Response Ratio



$$\text{Response} = 3.005\text{e-}001 * \text{Amt} - 6.362\text{e-}002$$

Coef of Det (r^2) = 0.991009 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M

Calibration Table Last Updated: Tue May 13 16:21:39 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024614.D
Acq On : 13 May 2025 10:41
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 13 16:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

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

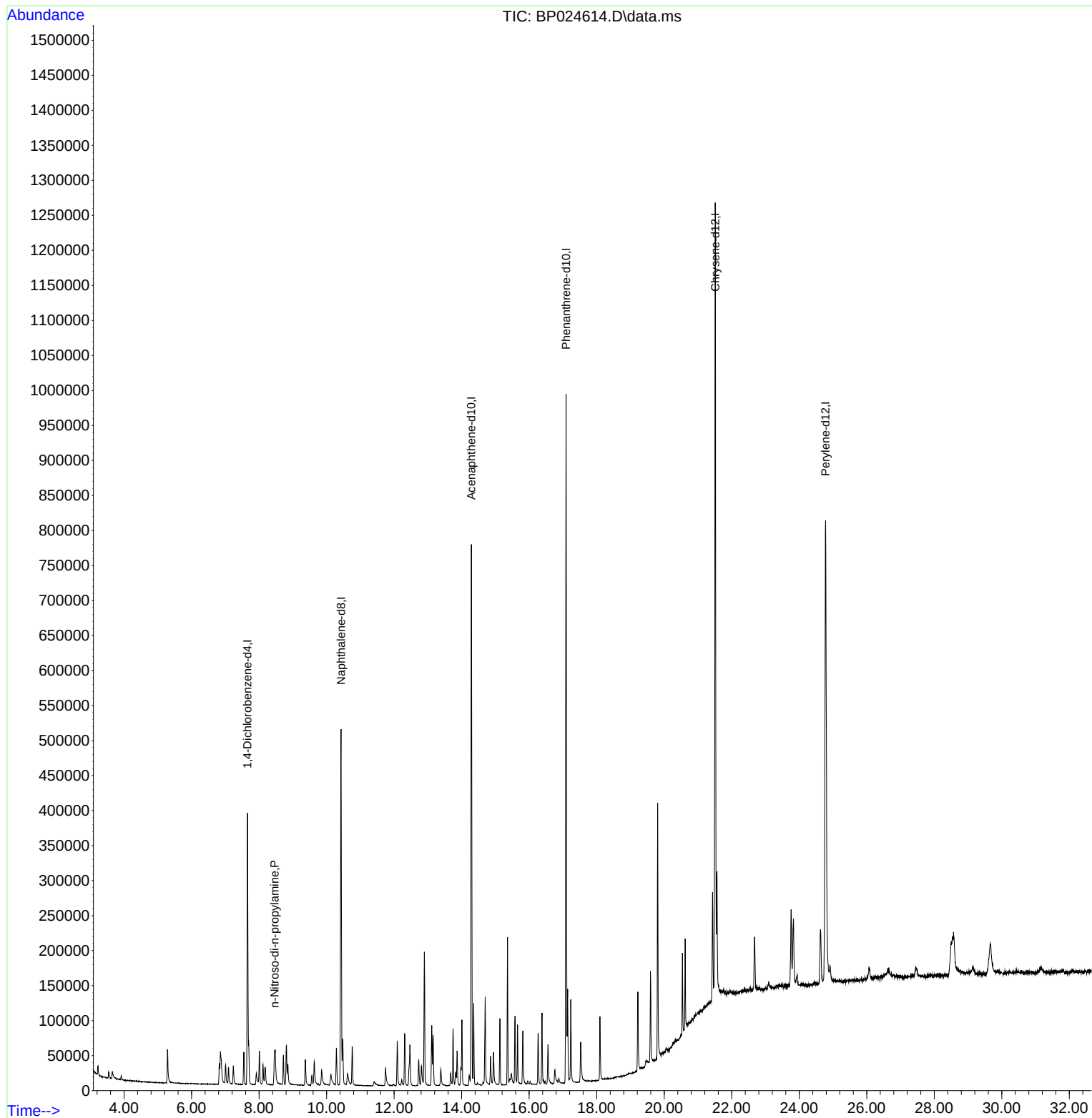
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	105461	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	434352	20.00	ng	0.00
39) Acenaphthene-d10	14.287	164	287970	20.00	ng	-0.02
64) Phenanthrene-d10	17.092	188	596044	20.00	ng	0.00
76) Chrysene-d12	21.516	240	663028	20.00	ng	0.00
86) Perylene-d12	24.780	264	769627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ng	
7) Phenol-d6	0.000	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	0.000	244	0d	0.00	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.458	70	11601	2.13	ng	96

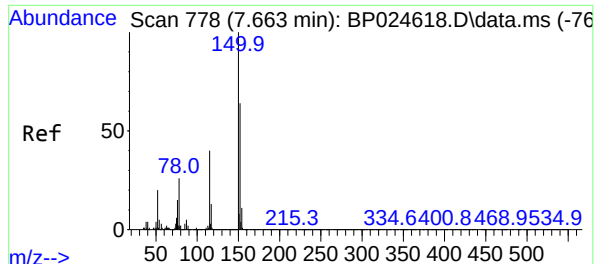
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024614.D
Acq On : 13 May 2025 10:41
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 13 16:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.658 min Scan# 7

Delta R.T. -0.005 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

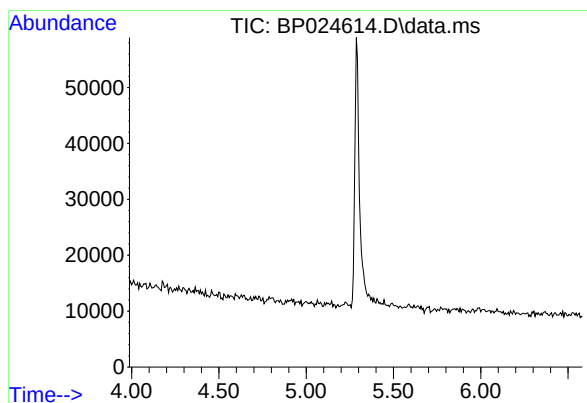
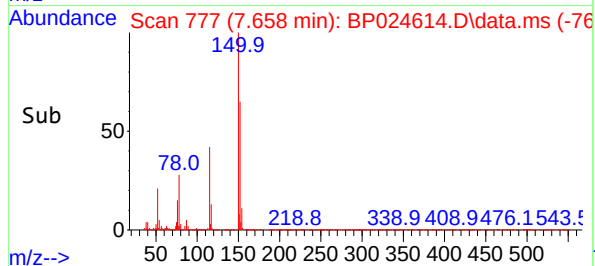
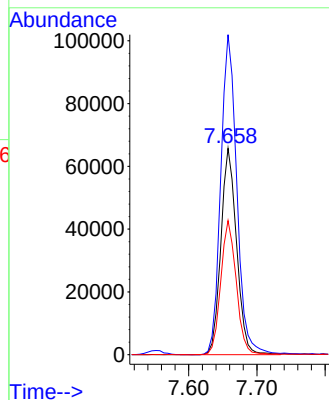
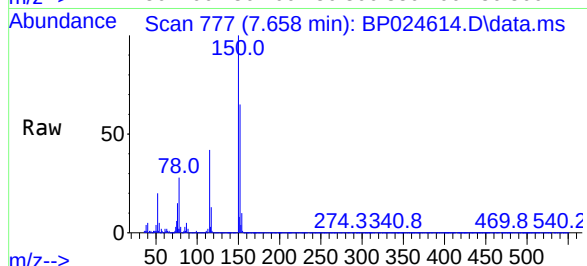
Tgt Ion:152 Resp: 105461

Ion Ratio Lower Upper

152 100

150 155.0 125.9 188.9

115 65.0 50.1 75.1



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.29 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

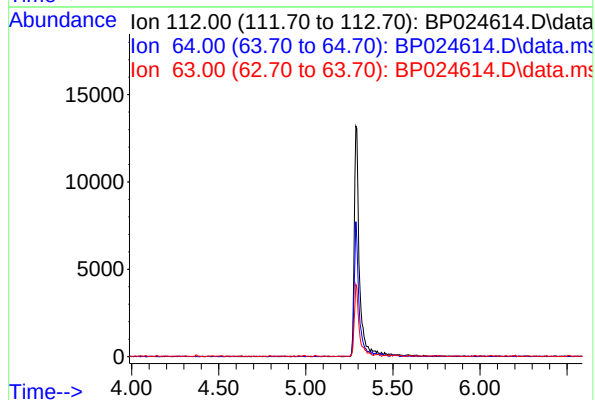
Tgt Ion: 112

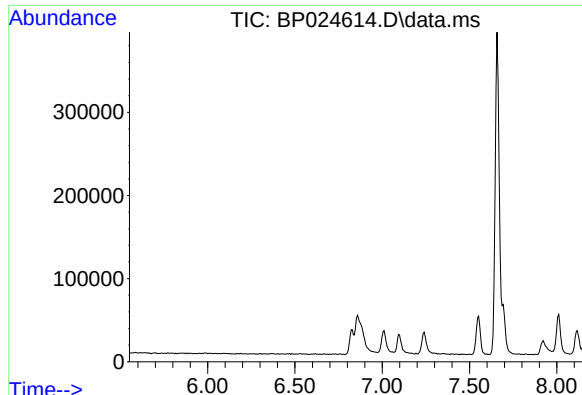
Sig Exp Ratio

112 100

64 55.1

63 29.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.85 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

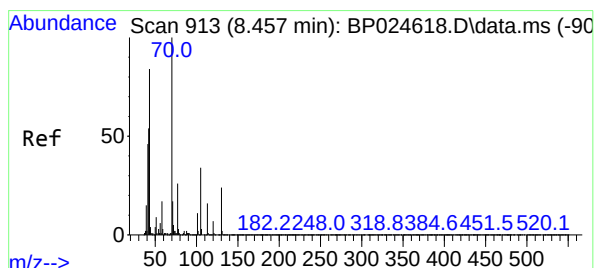
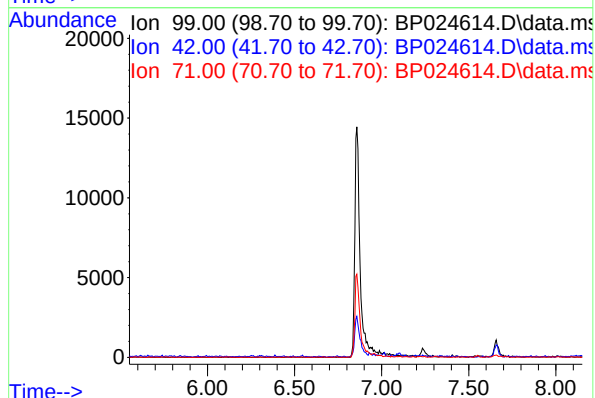
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.0

71 36.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.13 ng

RT: 8.458 min Scan# 913

Delta R.T. 0.000 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

Tgt Ion: 70 Resp: 11601

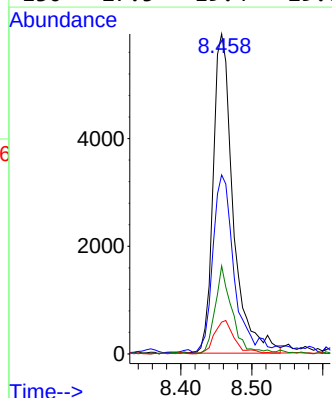
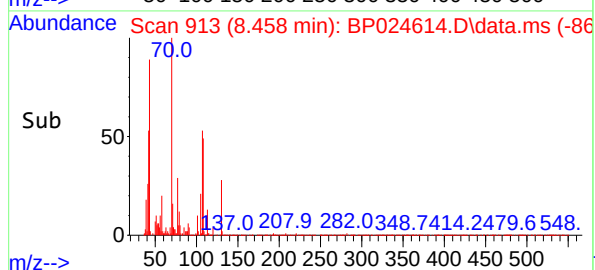
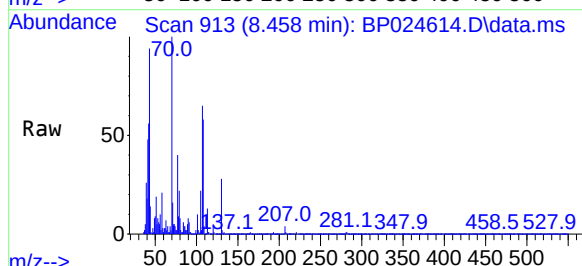
Ion Ratio Lower Upper

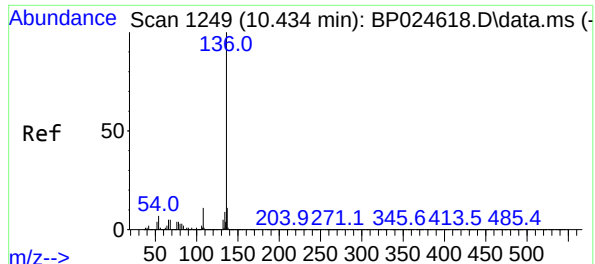
70 100

42 56.0 43.0 64.6

101 10.0 8.7 13.1

130 27.5 19.4 29.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024614.D

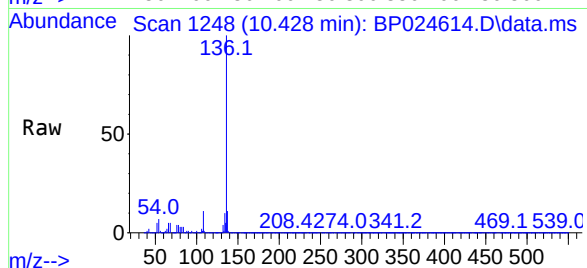
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 434352

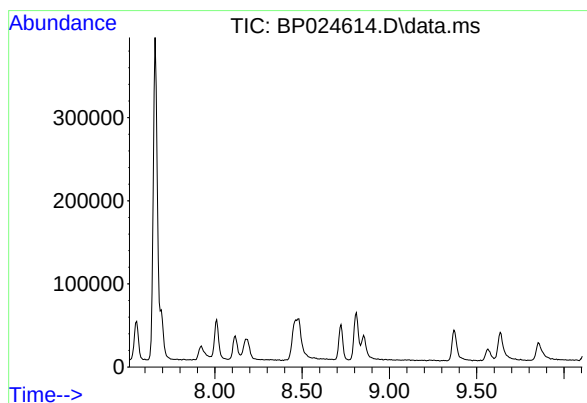
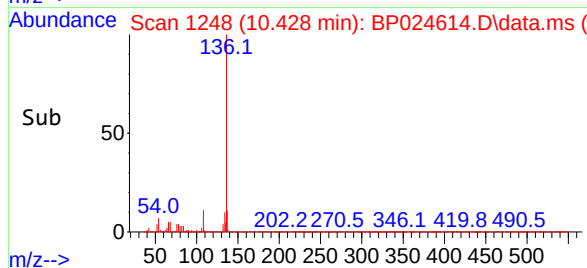
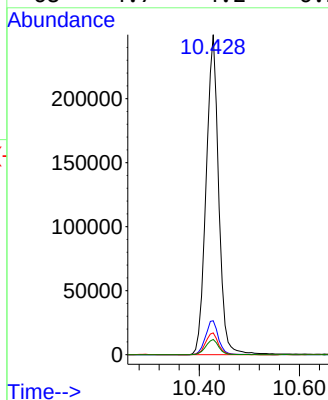
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.8 5.5 8.3

68 4.7 4.2 6.2



#23

Nitrobenzene-d5

Concen: 0.00 ng

Expected RT: 8.81 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

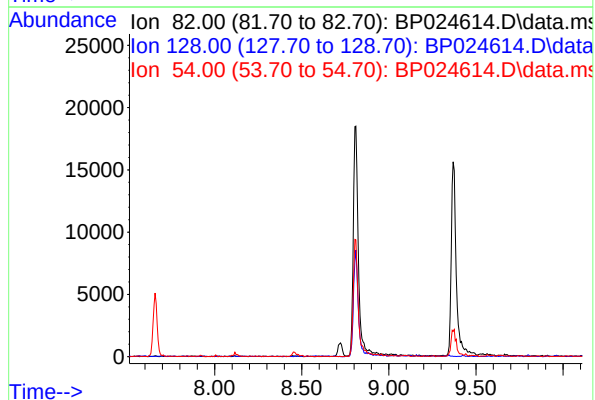
Tgt Ion: 82

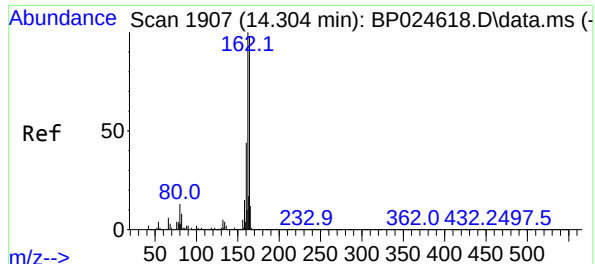
Sig Exp Ratio

82 100

128 46.2

54 48.4





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024614.D

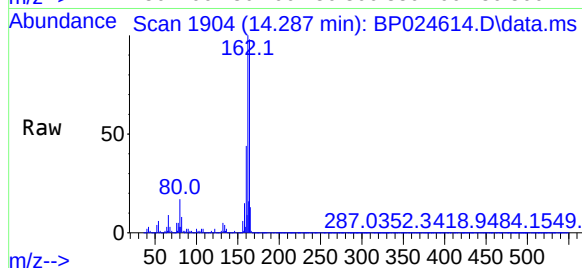
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



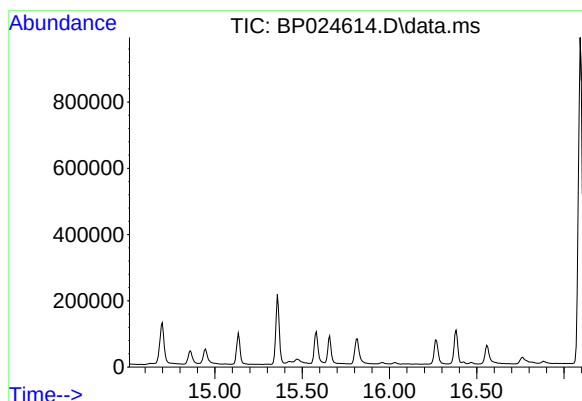
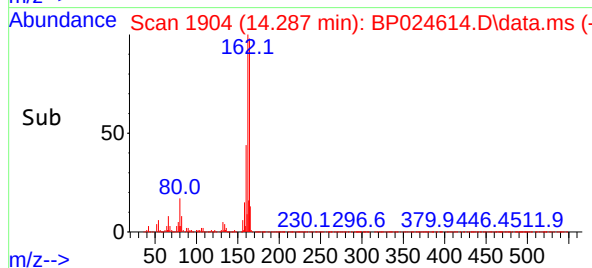
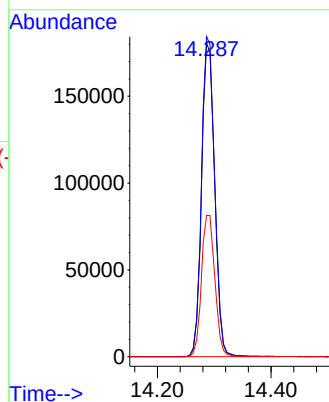
Tgt Ion:164 Resp: 287970

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

160 45.1 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 15.81 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

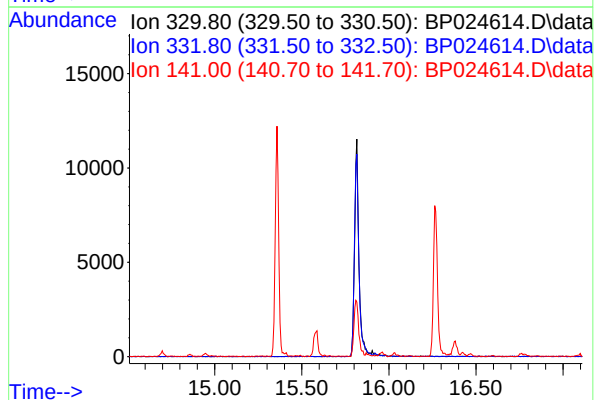
Tgt Ion: 330

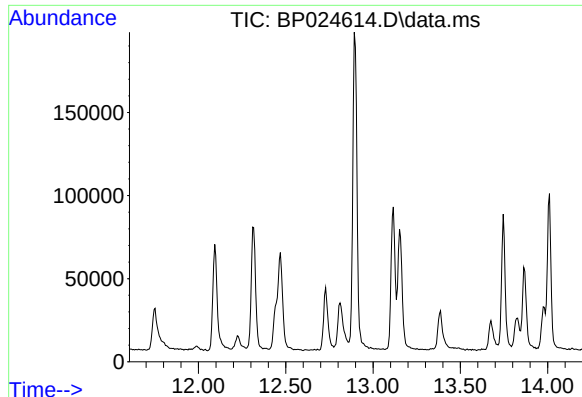
Sig Exp Ratio

330 100

332 97.8

141 30.4

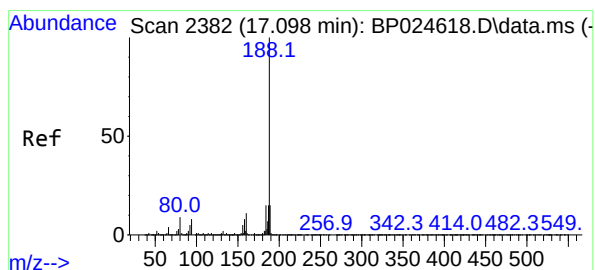
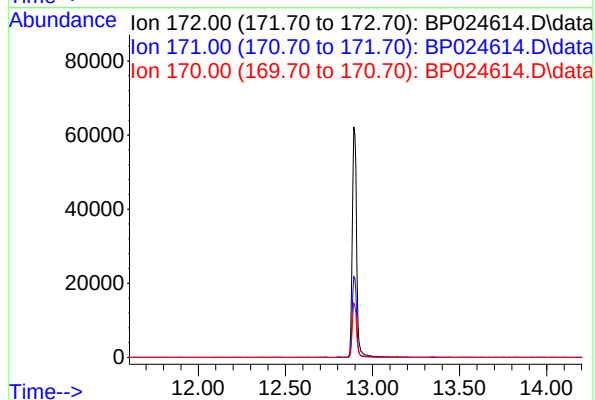




#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 12.90 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

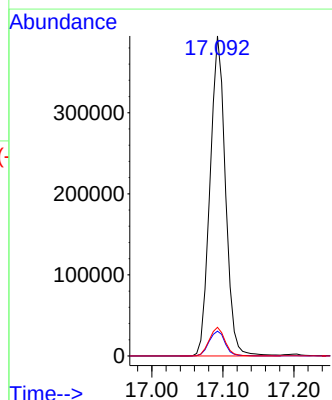
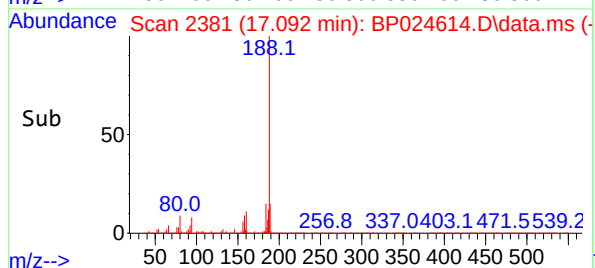
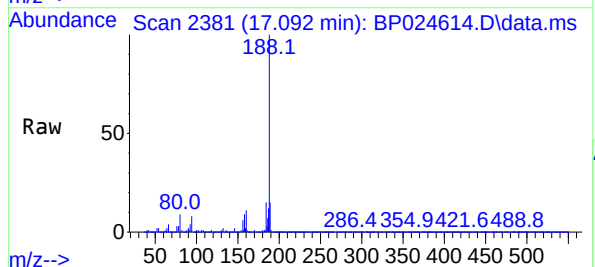
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

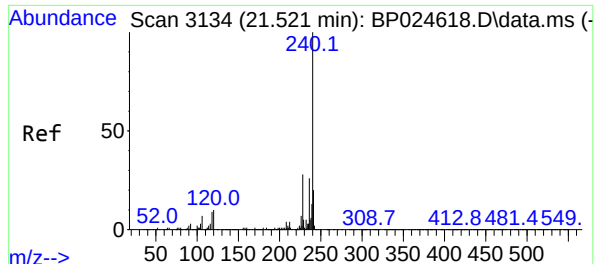
Tgt Ion: 172
Sig Exp Ratio
172 100
171 36.0
170 23.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion:188 Resp: 596044
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 8.9 7.3 10.9

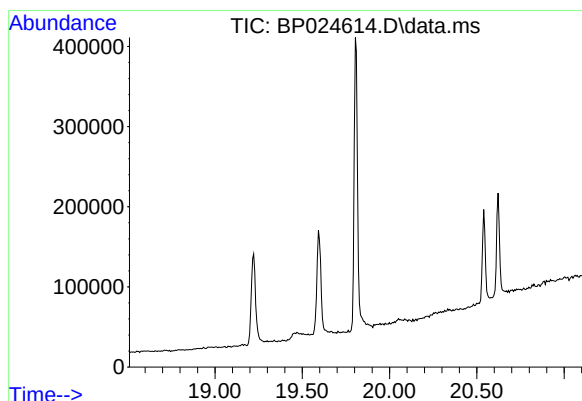
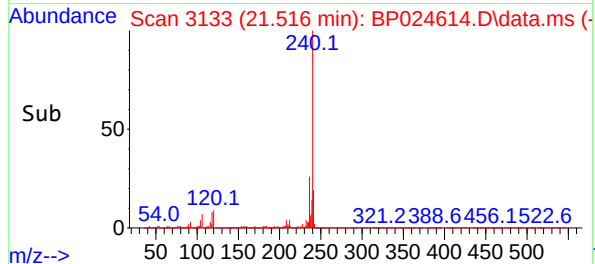
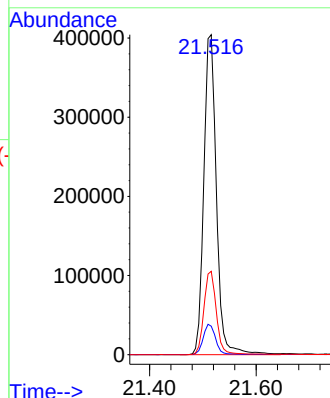
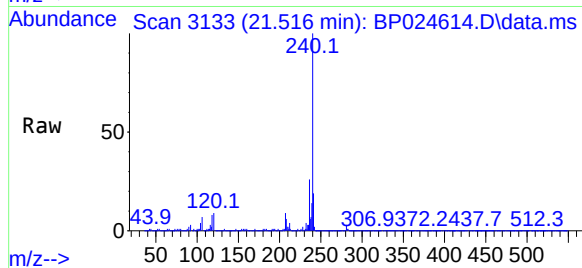




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

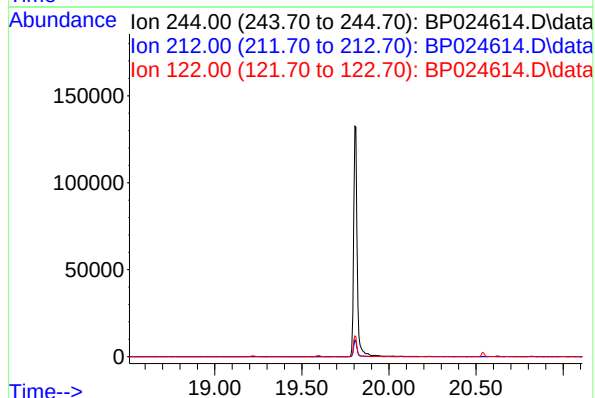
Tgt Ion:240 Resp: 663028
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.1 20.6 31.0

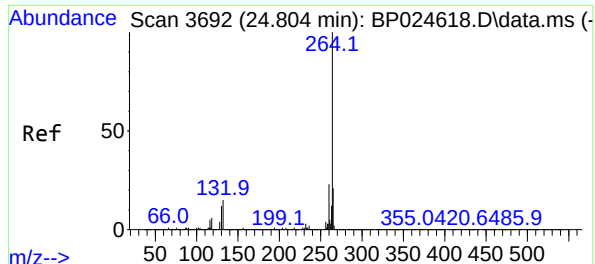


#79
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 19.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.9
122 9.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.780 min Scan# 30

Delta R.T. -0.023 min

Lab File: BP024614.D

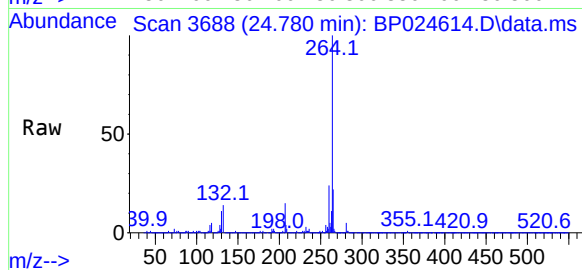
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



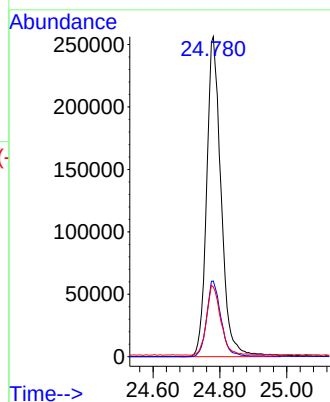
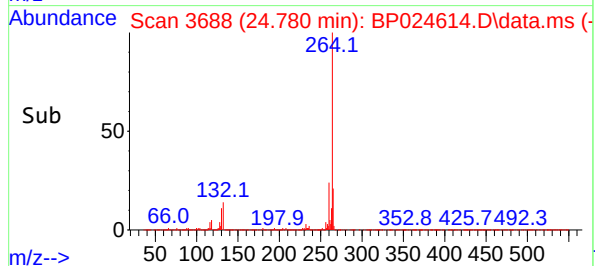
Tgt Ion:264 Resp: 769627

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.8 17.0 25.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024615.D
 Acq On : 13 May 2025 11:22
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:02:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	90088	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	378055	20.00	ng	0.00
39) Acenaphthene-d10	14.293	164	254561	20.00	ng	-0.01
64) Phenanthrene-d10	17.092	188	531548	20.00	ng	0.00
76) Chrysene-d12	21.522	240	614288	20.00	ng	0.00
86) Perylene-d12	24.810	264	724260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	51093	9.70	ng	0.00
7) Phenol-d6	6.858	99	58619	8.72	ng	0.00
23) Nitrobenzene-d5	8.811	82	72056	9.63	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	41219	9.55	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	203719	10.48	ng	0.00
79) Terphenyl-d14	19.822	244	366245	10.22	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	14435	5.84	ng	95
3) Pyridine	3.646	79	23737	4.33	ng	# 91
4) n-Nitrosodimethylamine	3.546	42	12080	4.99	ng	# 96
6) Aniline	7.011	93	38664	4.45	ng	97
8) 2-Chlorophenol	7.240	128	27022	4.52	ng	93
9) Benzaldehyde	6.828	77	22328m	5.14	ng	
10) Phenol	6.887	94	30912	4.46	ng	98
11) bis(2-Chloroethyl)ether	7.099	93	29668	5.20	ng	97
12) 1,3-Dichlorobenzene	7.552	146	35946	5.23	ng	96
13) 1,4-Dichlorobenzene	7.699	146	35091	5.07	ng	95
14) 1,2-Dichlorobenzene	8.011	146	34458	5.11	ng	99
15) Benzyl Alcohol	7.917	79	19888	3.89	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.193	45	34754	5.09	ng	95
17) 2-Methylphenol	8.116	107	21754	4.37	ng	97
18) Hexachloroethane	8.728	117	13650	5.15	ng	96
19) n-Nitroso-di-n-propyla...	8.464	70	22015	4.73	ng	98
20) 3+4-Methylphenols	8.452	107	27500	4.06	ng	97
22) Acetophenone	8.487	105	45968	4.87	ng	# 99
24) Nitrobenzene	8.852	77	31500	4.78	ng	97
25) Isophorone	9.375	82	60855	4.69	ng	98
26) 2-Nitrophenol	9.569	139	12786	3.96	ng	95
27) 2,4-Dimethylphenol	9.628	122	25830	4.54	ng	92
28) bis(2-Chloroethoxy)met...	9.858	93	38071	4.91	ng	97
29) 2,4-Dichlorophenol	10.122	162	23623	4.29	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	32699	5.26	ng	99
31) Naphthalene	10.481	128	100564	5.13	ng	100
33) 4-Chloroaniline	10.616	127	32908	4.16	ng	99
34) Hexachlorobutadiene	10.763	225	21834	5.43	ng	95
35) Caprolactam	11.399	113	7742m	3.88	ng	
36) 4-Chloro-3-methylphenol	11.746	107	29849	4.44	ng	95
37) 2-Methylnaphthalene	12.099	142	63562	5.01	ng	99
38) 1-Methylnaphthalene	12.316	142	70043	5.16	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	37738	5.11	ng	99
41) Hexachlorocyclopentadiene	12.446	237	15939	3.56	ng	93
43) 2,4,6-Trichlorophenol	12.722	196	19429	4.06	ng	92
44) 2,4,5-Trichlorophenol	12.816	196	23918	4.49	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024615.D
 Acq On : 13 May 2025 11:22
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:02:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.116	154	96956	5.15	ng	98
47) 2-Chloronaphthalene	13.157	162	72977	5.09	ng	99
48) 2-Nitroaniline	13.381	65	17778	4.19	ng	98
49) Acenaphthylene	14.010	152	117448	4.89	ng	99
50) Dimethylphthalate	13.751	163	99940	5.15	ng	100
51) 2,6-Dinitrotoluene	13.869	165	19052	4.65	ng	# 85
52) Acenaphthene	14.357	154	70302	5.09	ng	96
53) 3-Nitroaniline	14.222	138	16400	3.92	ng	97
55) Dibenzofuran	14.698	168	115180	5.23	ng	98
57) 2,4-Dinitrotoluene	14.675	165	25481	4.41	ng	92
58) Fluorene	15.363	166	93303	5.20	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.946	232	23382	4.73	ng	98
60) Diethylphthalate	15.134	149	101366	5.17	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	47886	5.35	ng	98
62) 4-Nitroaniline	15.410	138	14482m	3.55	ng	
63) Azobenzene	15.651	77	84462	5.03	ng	99
66) n-Nitrosodiphenylamine	15.575	169	80078	4.90	ng	99
67) 4-Bromophenyl-phenylether	16.275	248	30702	4.90	ng	97
68) Hexachlorobenzene	16.387	284	40234	5.06	ng	99
69) Atrazine	16.551	200	27909	4.66	ng	98
70) Pentachlorophenol	16.757	266	16456	3.68	ng	95
71) Phenanthrene	17.134	178	152030	5.14	ng	99
72) Anthracene	17.234	178	145809	4.90	ng	99
73) Carbazole	17.522	167	122666	4.56	ng	98
74) Di-n-butylphthalate	18.104	149	157014	4.54	ng	99
75) Fluoranthene	19.228	202	168865	4.89	ng	99
78) Pyrene	19.604	202	181817	4.94	ng	99
80) Butylbenzylphthalate	20.551	149	70341	4.30	ng	100
81) Benzo(a)anthracene	21.498	228	192110	4.98	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	54793	3.82	ng	99
83) Chrysene	21.575	228	186449	5.10	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	103286	4.29	ng	97
85) Di-n-octyl phthalate	22.692	149	160883	4.09	ng	99
87) Indeno(1,2,3-cd)pyrene	28.504	276	242814	4.59	ng	# 87
88) Benzo(b)fluoranthene	23.763	252	186058	4.49	ng	97
89) Benzo(k)fluoranthene	23.839	252	207645	4.86	ng	100
90) Benzo(a)pyrene	24.657	252	180157	4.52	ng	99
91) Dibenzo(a,h)anthracene	28.586	278	193373	4.50	ng	98
92) Benzo(g,h,i)perylene	29.651	276	199361	4.66	ng	98

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

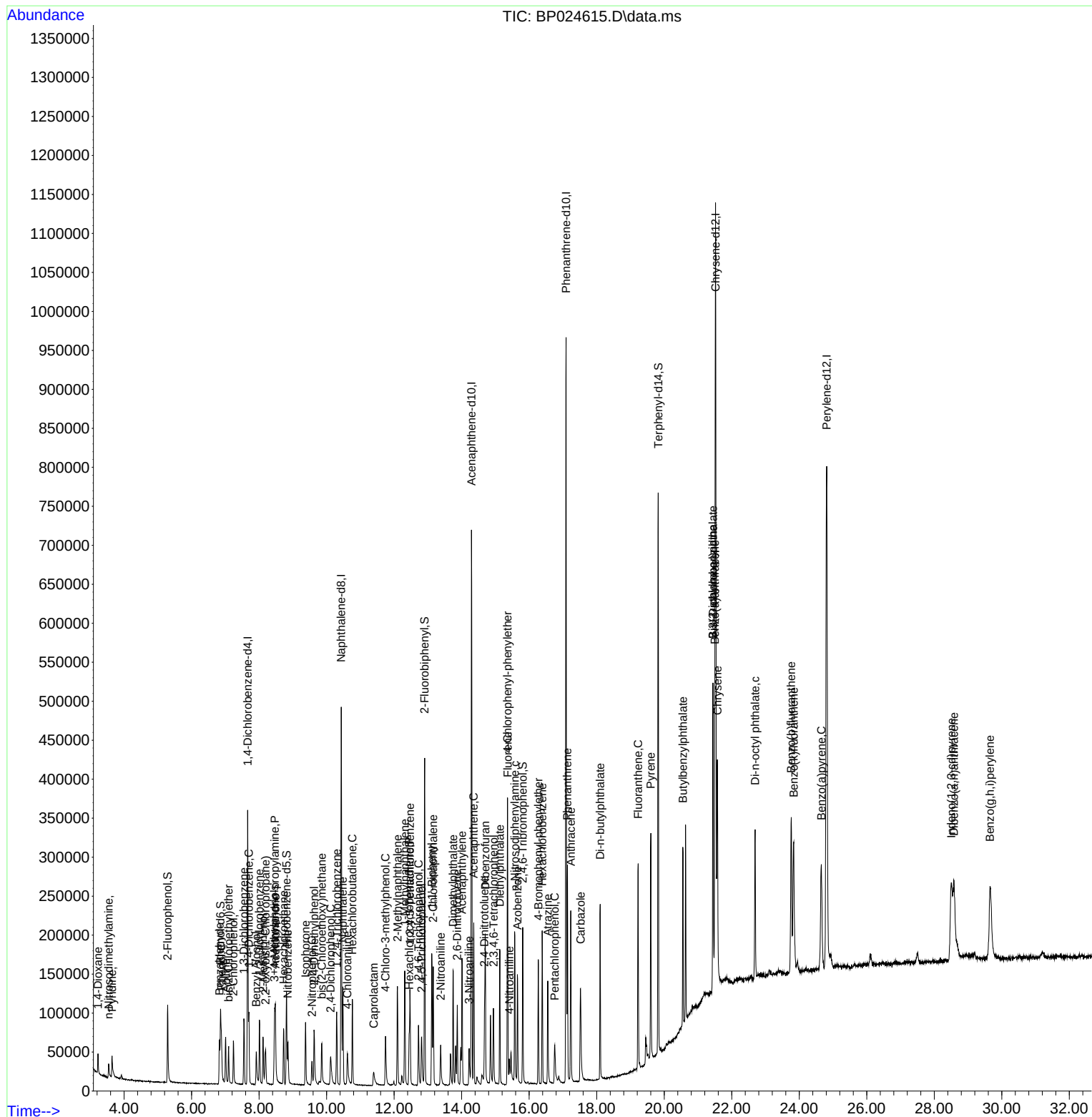
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

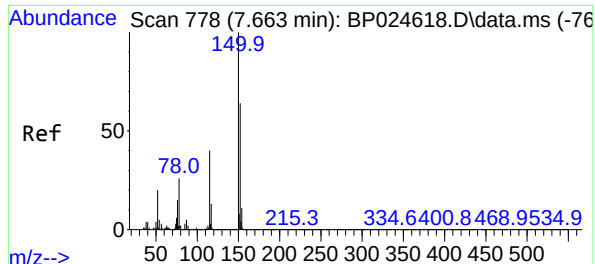
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

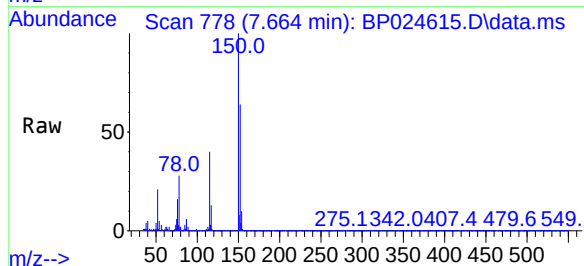
Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

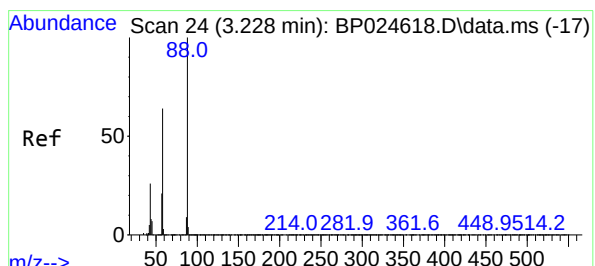
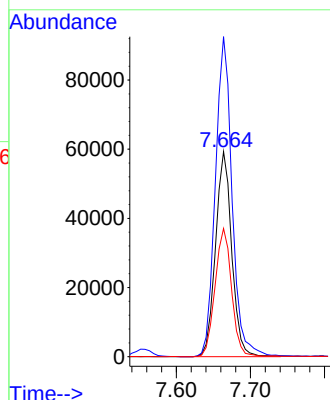
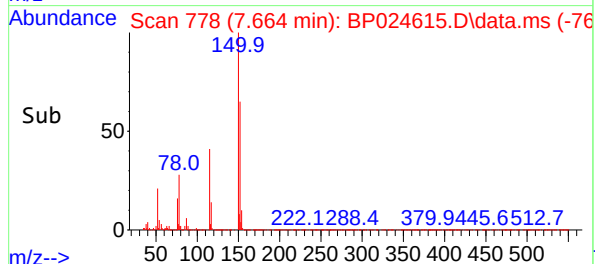
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 90088
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 62.5 50.1 75.1

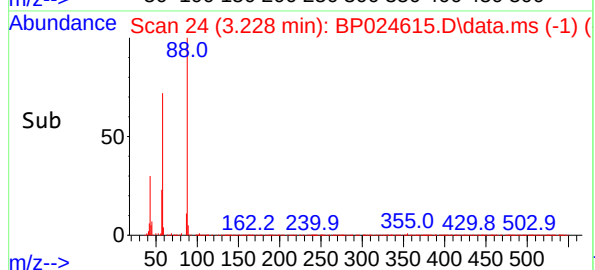
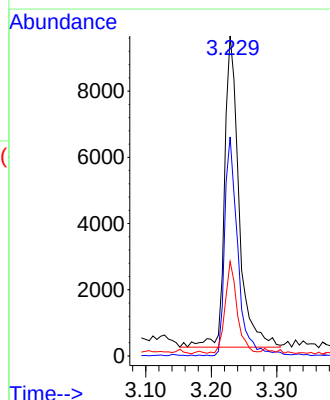
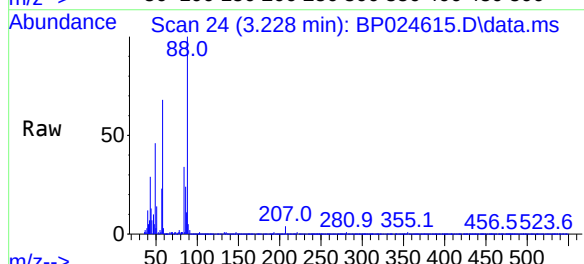
Manual Integrations
APPROVED

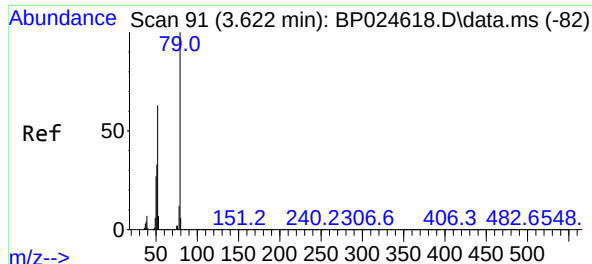
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 5.84 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 88 Resp: 14435
Ion Ratio Lower Upper
88 100
58 63.6 54.0 81.0
43 24.2 21.4 32.0





#3
Pyridine
Concen: 4.33 ng
RT: 3.646 min Scan# 91
Delta R.T. 0.024 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

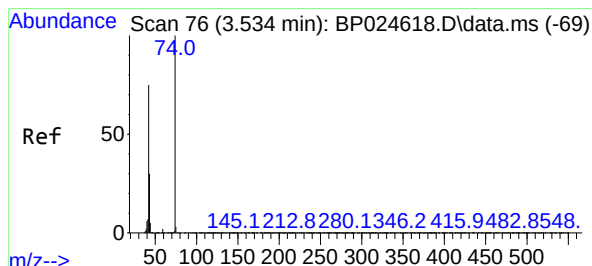
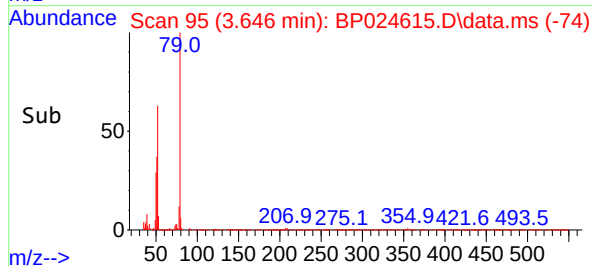
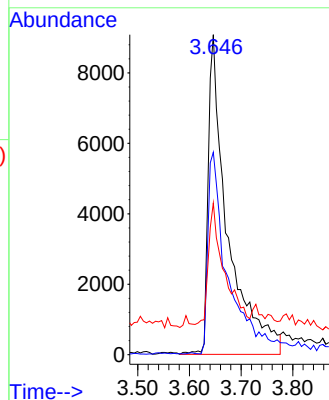
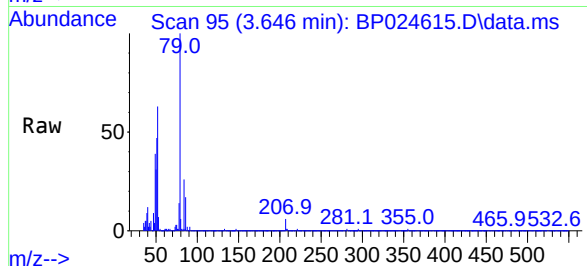
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.2
51	47.4	26.8	40.2

Manual Integrations

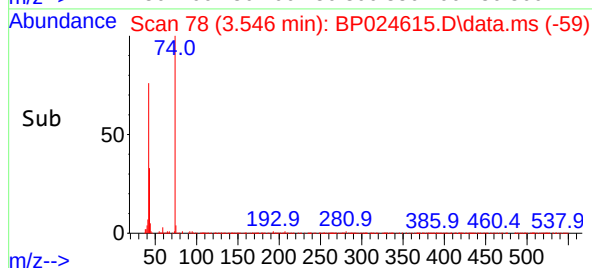
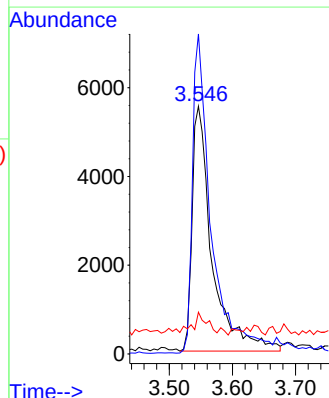
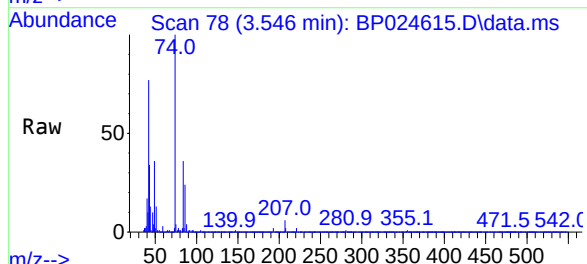
APPROVED

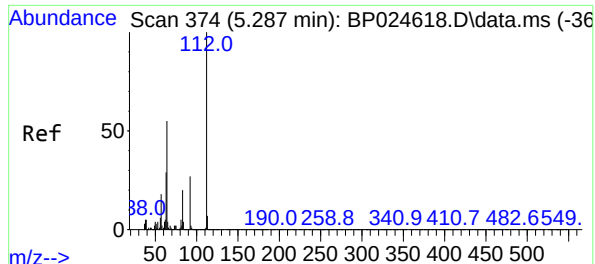
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#4
n-Nitrosodimethylamine
Concen: 4.99 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

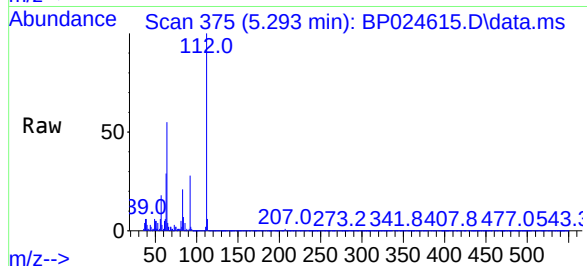
Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.2	106.2	159.2
44	16.9	5.4	8.2





#5
2-Fluorophenol
Concen: 9.70 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

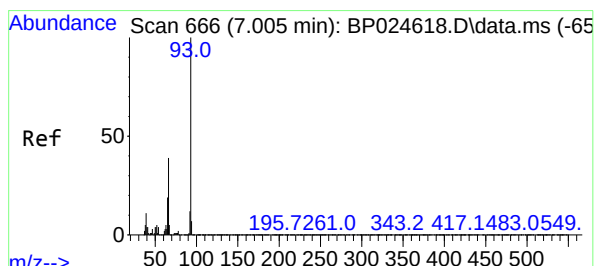
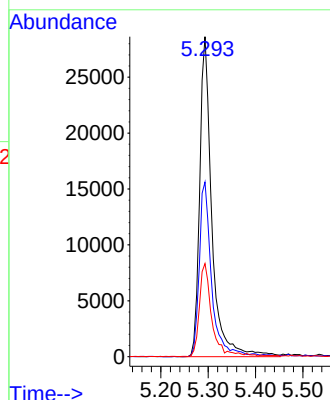
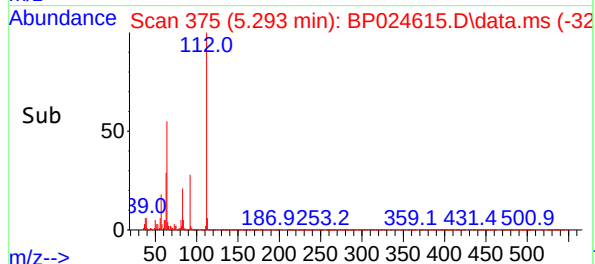
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 112 Resp: 5109
Ion Ratio Lower Upper
112 100
64 54.6 44.1 66.1
63 29.1 23.5 35.3

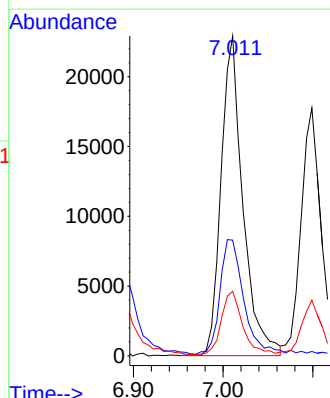
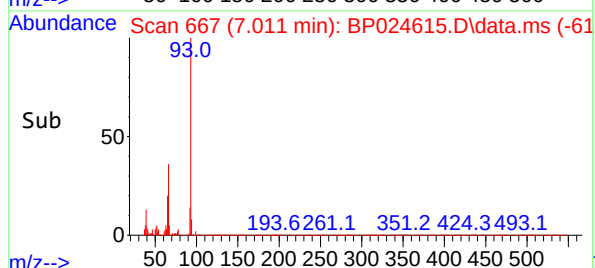
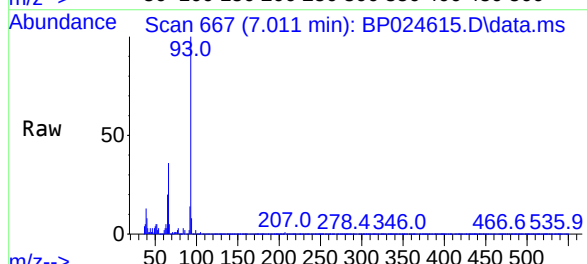
Manual Integrations
APPROVED

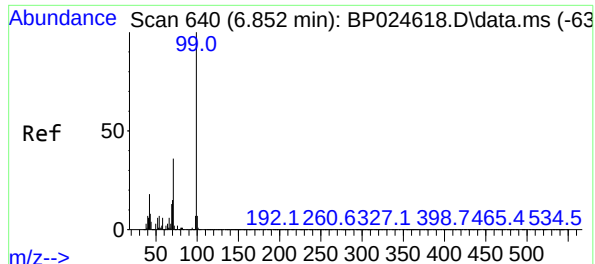
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 4.45 ng
RT: 7.011 min Scan# 667
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

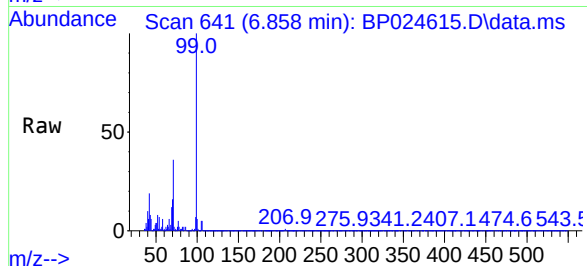
Tgt Ion: 93 Resp: 38664
Ion Ratio Lower Upper
93 100
66 36.2 31.0 46.6
65 20.2 15.5 23.3





#7
Phenol-d6
Concen: 8.72 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

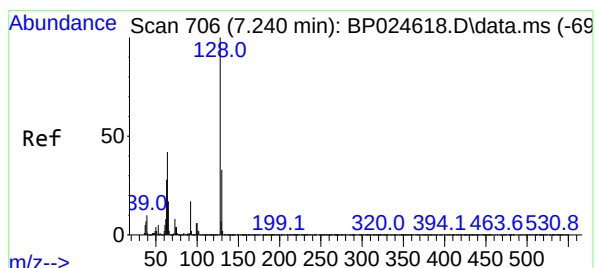
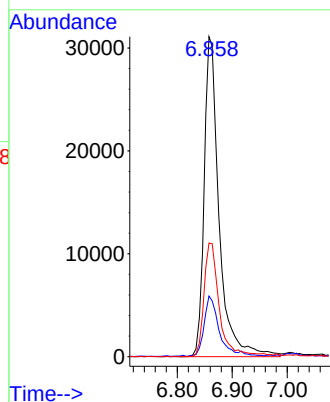
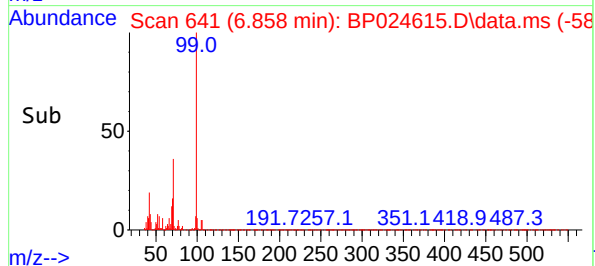
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 99 Resp: 58619
Ion Ratio Lower Upper
99 100
42 18.9 14.4 21.6
71 35.5 29.2 43.8

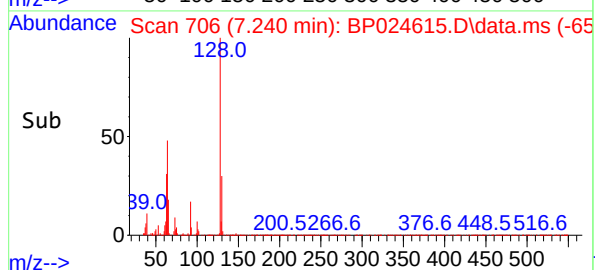
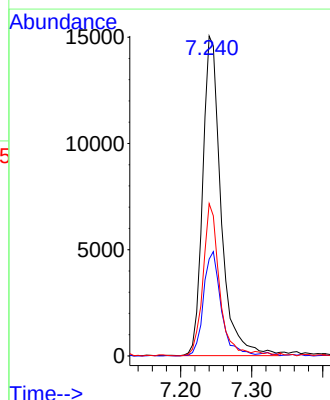
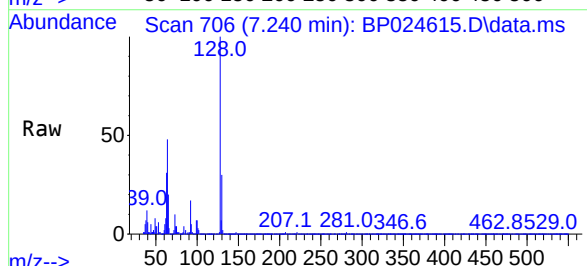
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

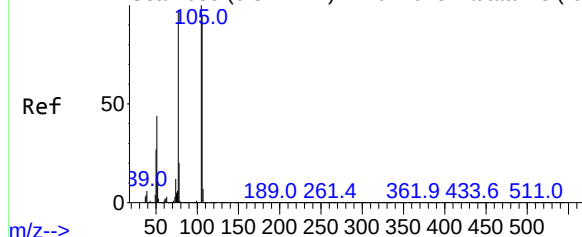


#8
2-Chlorophenol
Concen: 4.52 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:128 Resp: 27022
Ion Ratio Lower Upper
128 100
130 30.3 13.0 53.0
64 47.6 22.3 62.3



Abundance Scan 635 (6.822 min): BP024618.D\data.ms (-62



#9

Benzaldehyde

Concen: 5.14 ng m

RT: 6.828 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

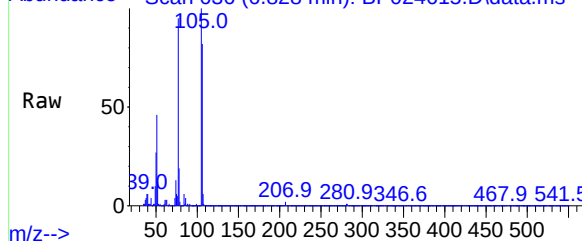
BNA_P

ClientSampleId :

SSTDICC005

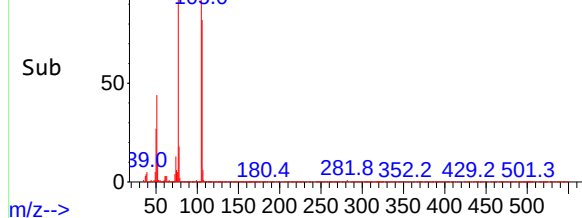
m/z-->

Abundance Scan 636 (6.828 min): BP024615.D\data.ms



m/z-->

Abundance Scan 636 (6.828 min): BP024615.D\data.ms (-58



m/z-->

Tgt Ion: 77 Resp: 22328

Ion Ratio Lower Upper

77 100

105 105.0 83.3 123.3

106 86.1 78.0 118.0

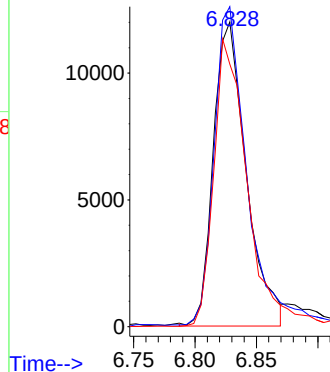
Manual Integrations

APPROVED

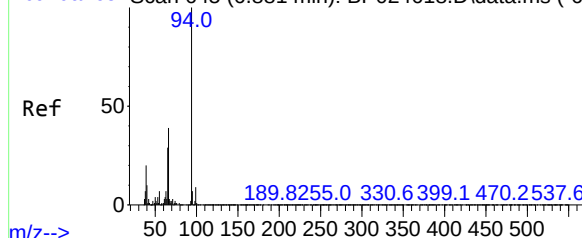
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

Abundance

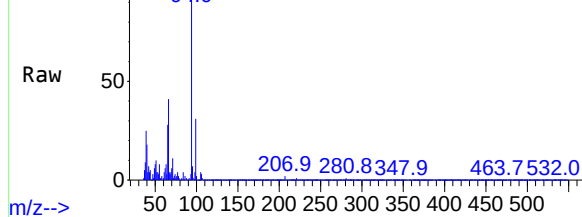


Abundance Scan 645 (6.881 min): BP024618.D\data.ms (-63



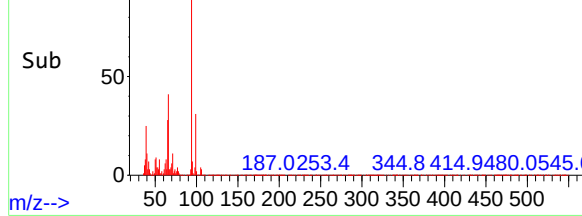
m/z-->

Abundance Scan 646 (6.887 min): BP024615.D\data.ms



m/z-->

Abundance Scan 646 (6.887 min): BP024615.D\data.ms (-59



m/z-->

#10

Phenol

Concen: 4.46 ng

RT: 6.887 min Scan# 646

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Tgt Ion: 94 Resp: 30912

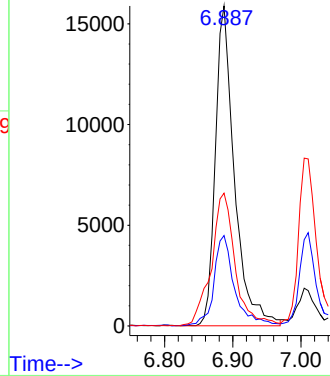
Ion Ratio Lower Upper

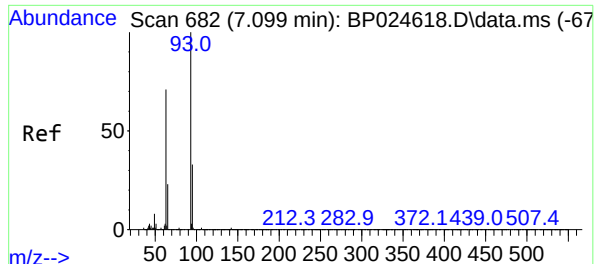
94 100

65 28.2 8.7 48.7

66 41.5 19.4 59.4

Abundance





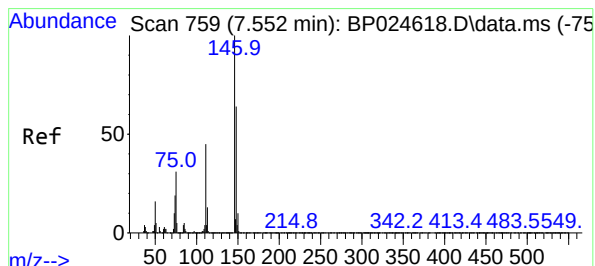
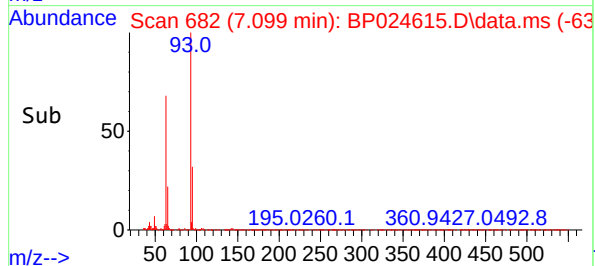
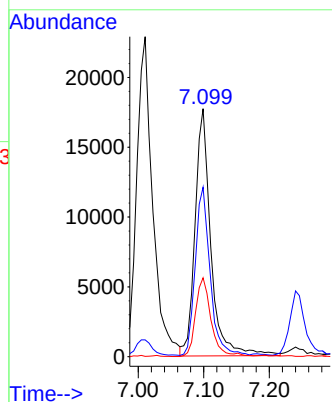
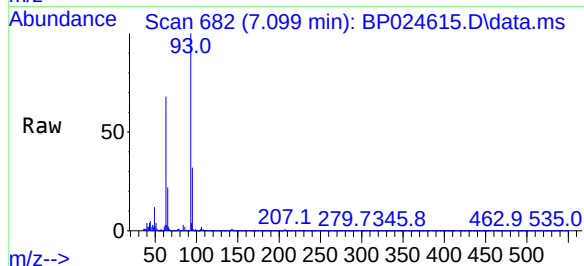
#11
bis(2-Chloroethyl)ether
Concen: 5.20 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 29668
Ion Ratio Lower Upper
93 100
63 68.3 50.6 90.6
95 31.8 12.9 52.9

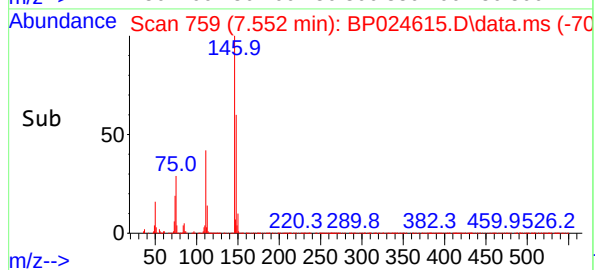
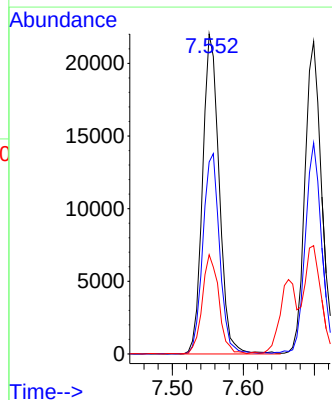
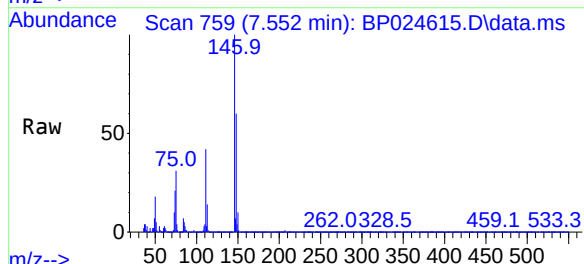
Manual Integrations
APPROVED

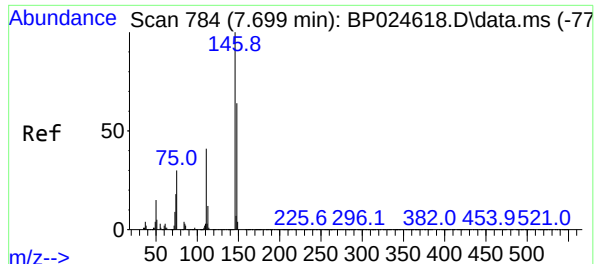
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#12
1,3-Dichlorobenzene
Concen: 5.23 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:146 Resp: 35946
Ion Ratio Lower Upper
146 100
148 60.0 51.4 77.2
75 31.0 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 5.07 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 3509

Ion Ratio Lower Upper

146 100

148 67.6 51.0 76.6

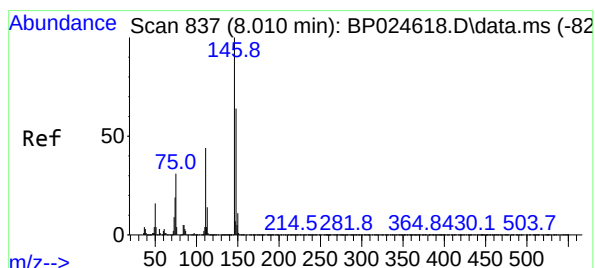
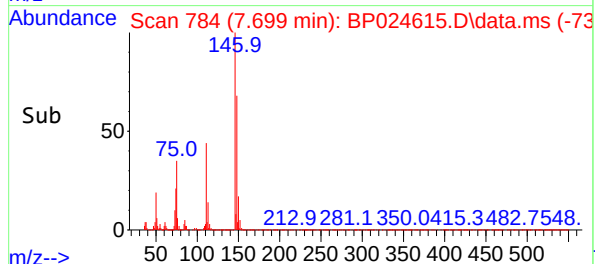
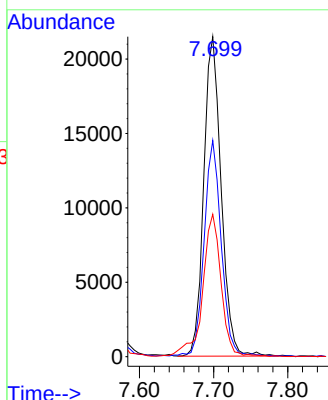
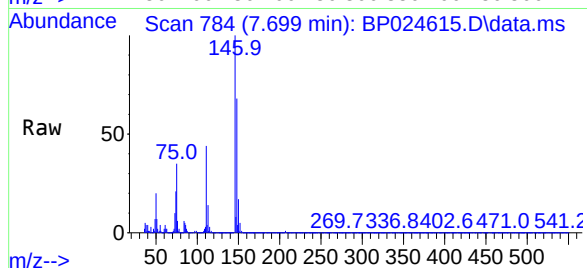
111 44.5 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 5.11 ng

RT: 8.011 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

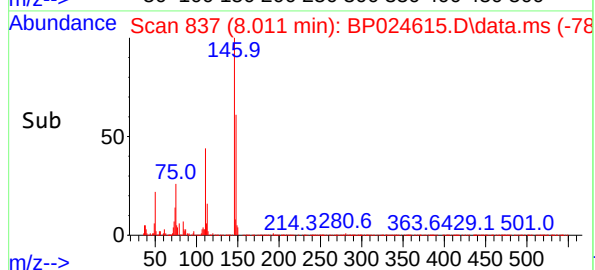
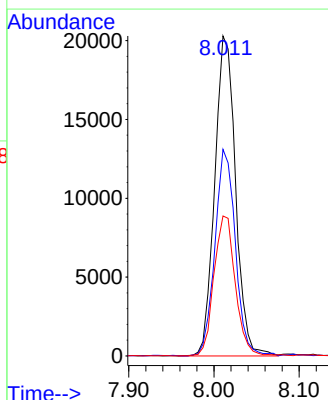
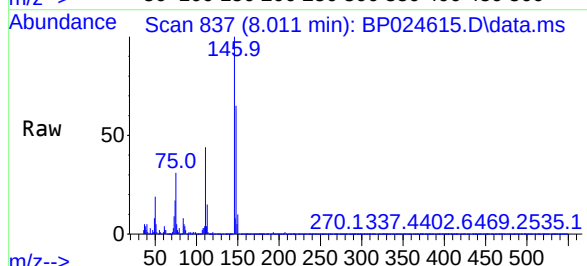
Tgt Ion:146 Resp: 34458

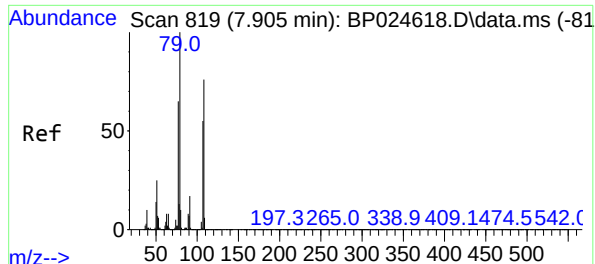
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

111 43.7 35.2 52.8





#15

Benzyl Alcohol

Concen: 3.89 ng

RT: 7.917 min Scan# 81

Delta R.T. 0.012 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 1988

Ion Ratio Lower Upper

79 100

108 78.3 60.8 91.2

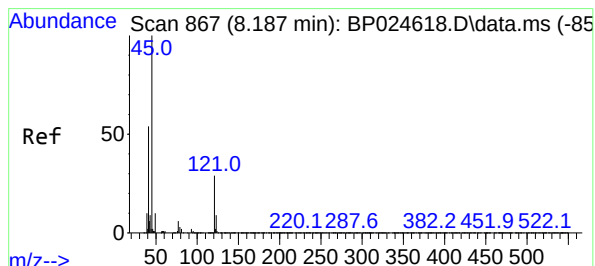
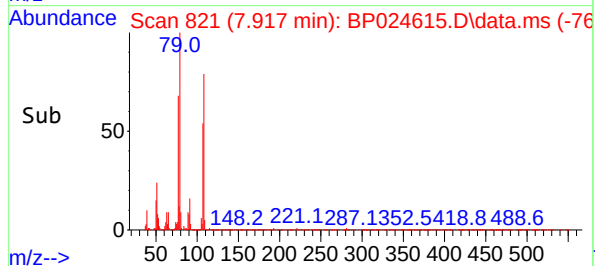
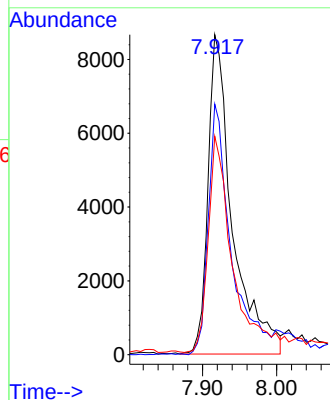
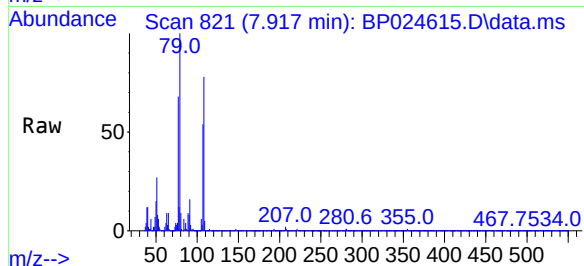
77 68.2 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.09 ng

RT: 8.193 min Scan# 868

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

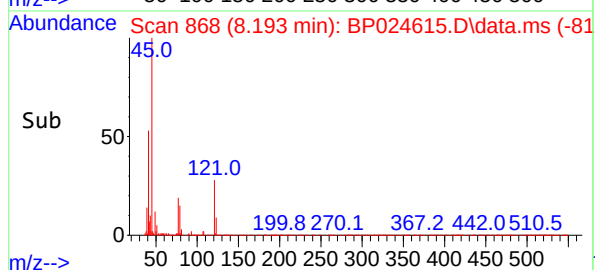
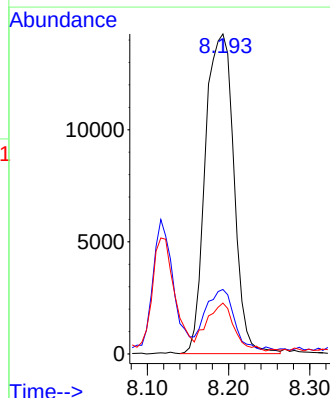
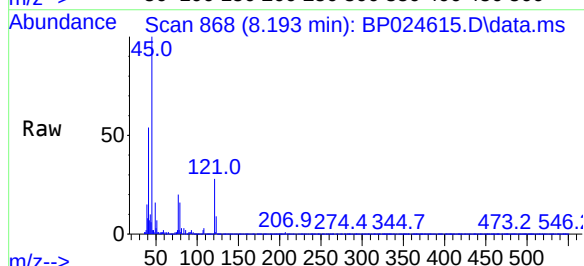
Tgt Ion: 45 Resp: 34754

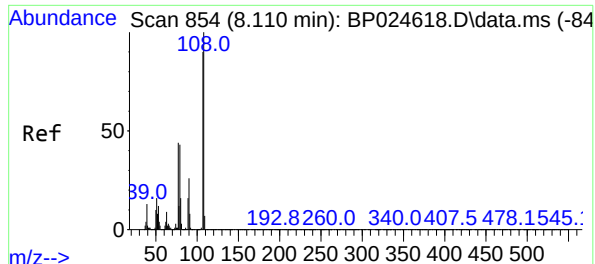
Ion Ratio Lower Upper

45 100

77 20.2 0.0 37.7

79 15.9 0.0 34.0





#17

2-Methylphenol

Concen: 4.37 ng

RT: 8.116 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:107 Resp: 21754

Ion Ratio Lower Upper

107 100

108 110.2 88.9 133.3

77 53.0 39.0 58.6

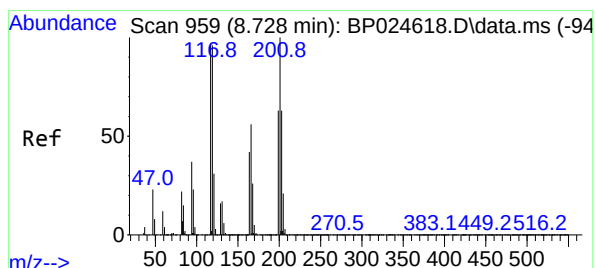
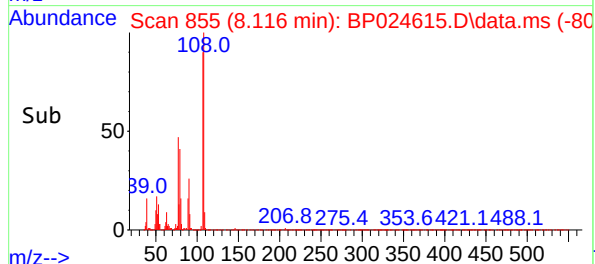
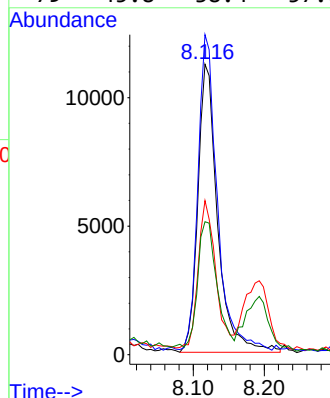
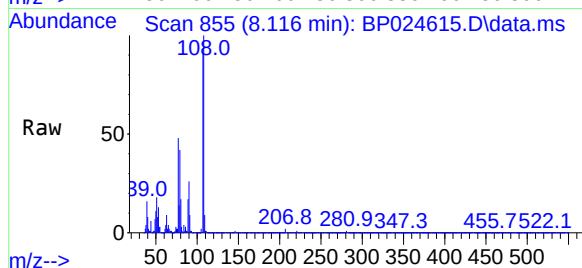
79 45.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 5.15 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

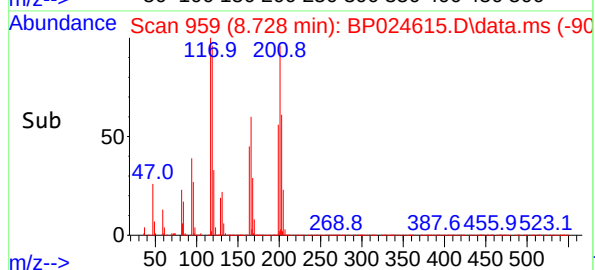
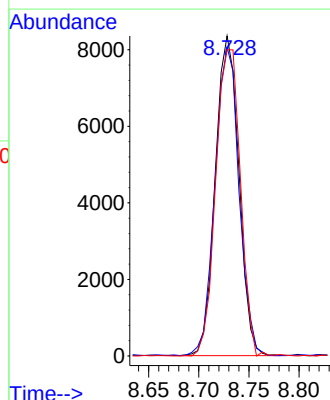
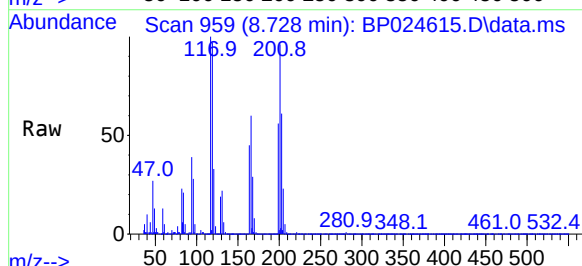
Tgt Ion:117 Resp: 13650

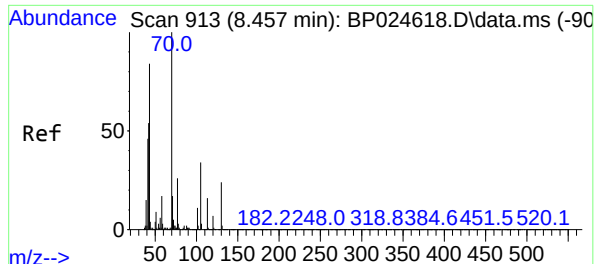
Ion Ratio Lower Upper

117 100

119 96.6 79.4 119.0

201 98.3 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 4.73 ng

RT: 8.464 min Scan# 914

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 2201

Ion Ratio Lower Upper

70 100

42 52.6 43.0 64.6

101 11.9 8.7 13.1

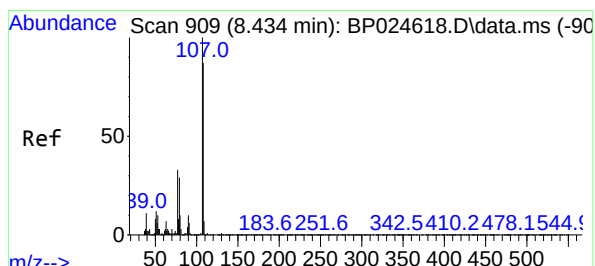
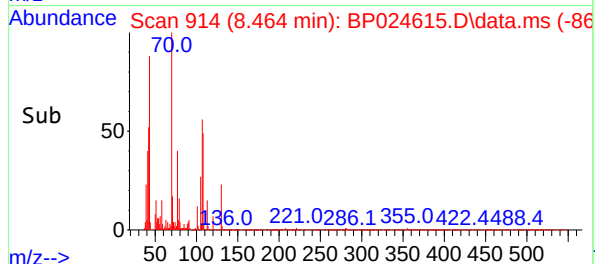
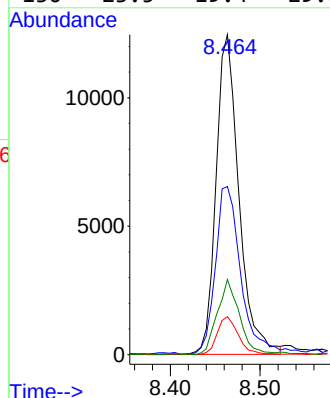
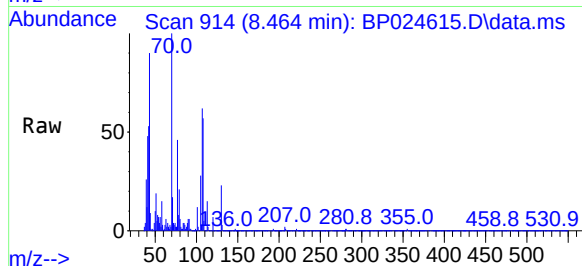
130 23.5 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 4.06 ng

RT: 8.452 min Scan# 912

Delta R.T. 0.018 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Tgt Ion:107 Resp: 27500

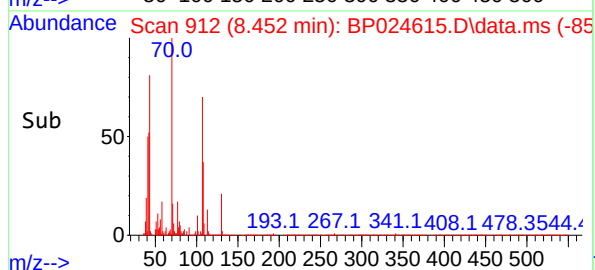
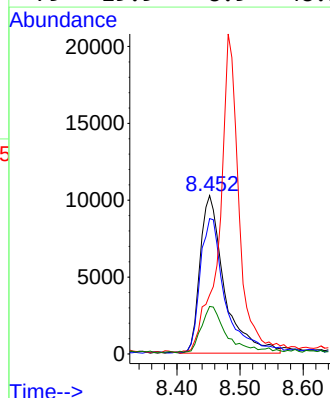
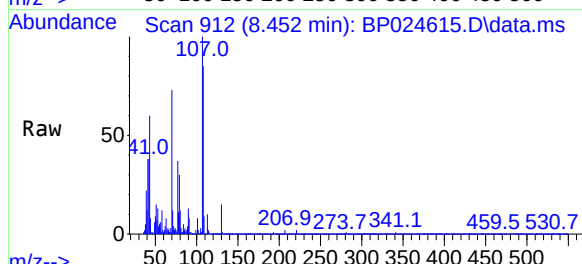
Ion Ratio Lower Upper

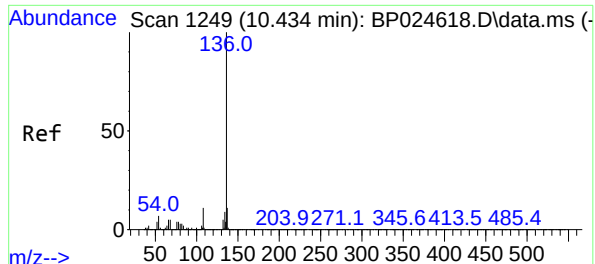
107 100

108 85.4 66.7 106.7

77 37.3 13.1 53.1

79 29.9 8.9 48.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

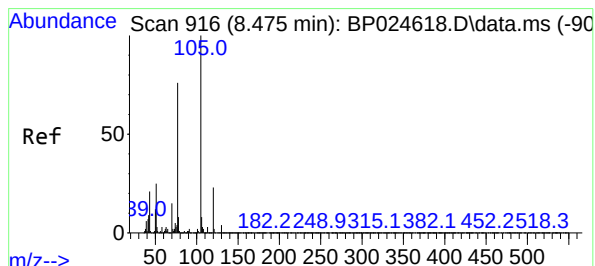
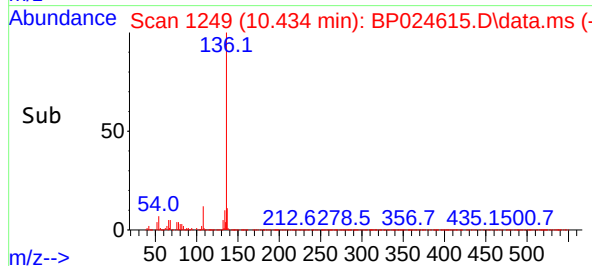
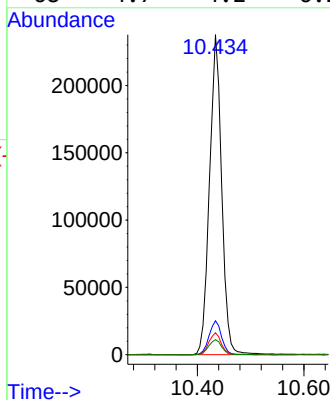
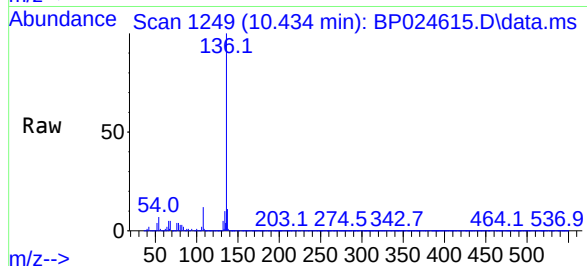
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	4.7	4.2	6.2

Manual Integrations

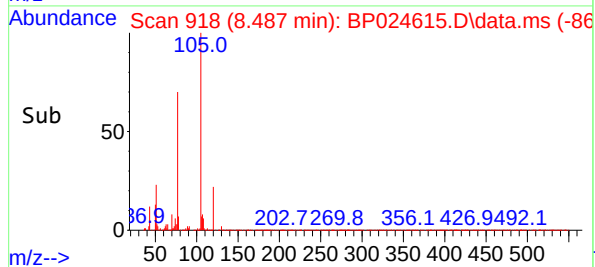
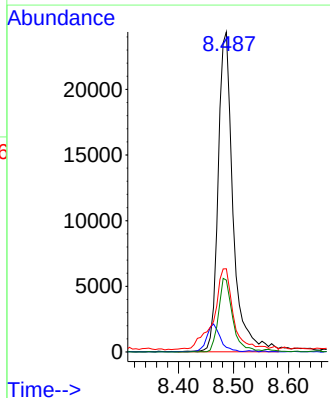
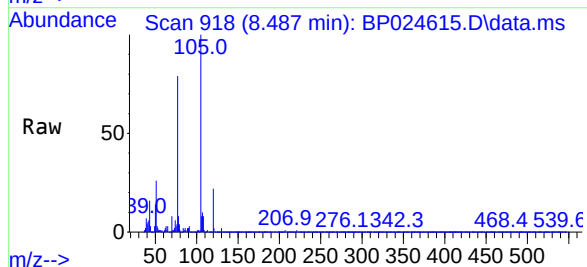
APPROVED

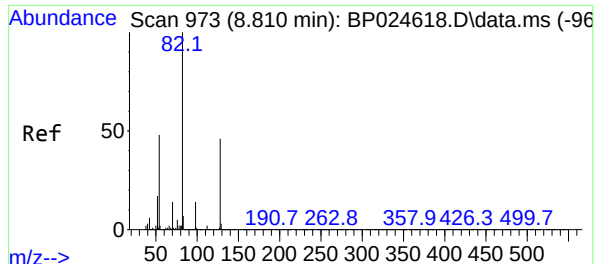
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#22
Acetophenone
Concen: 4.87 ng
RT: 8.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.0	3.0
51	26.0	20.4	30.6
120	22.4	18.1	27.1





#23

Nitrobenzene-d5

Concen: 9.63 ng

RT: 8.811 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 72050

Ion Ratio Lower Upper

82 100

128 43.6 37.0 55.4

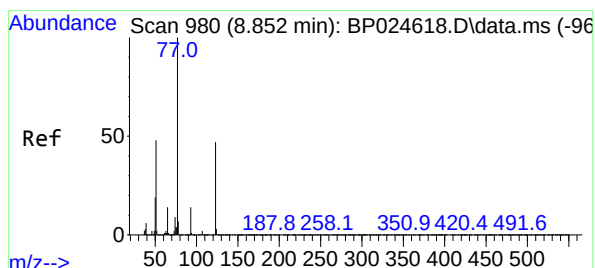
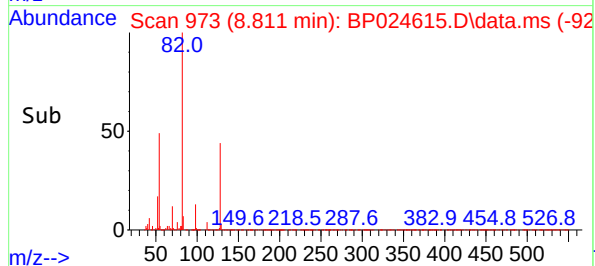
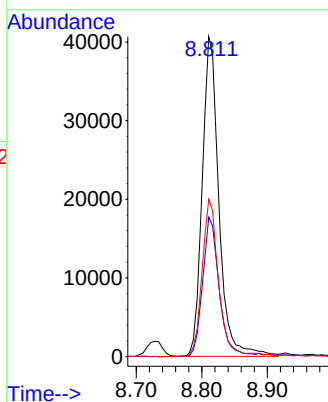
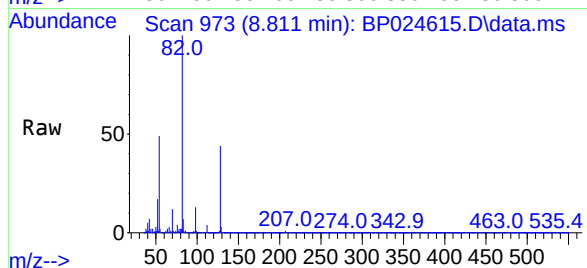
54 49.2 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#24

Nitrobenzene

Concen: 4.78 ng

RT: 8.852 min Scan# 980

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

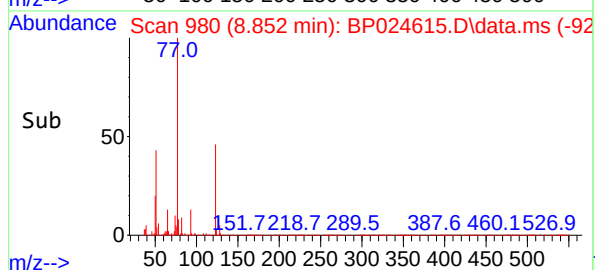
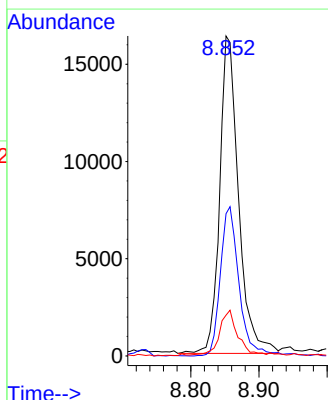
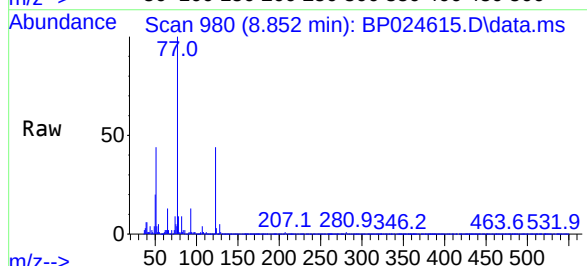
Tgt Ion: 77 Resp: 31500

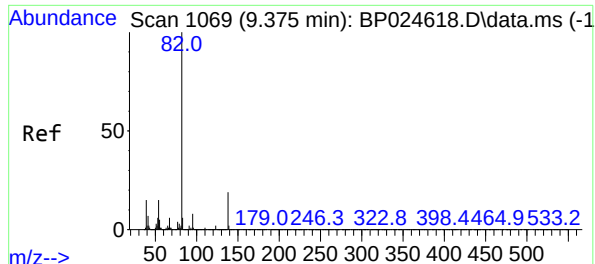
Ion Ratio Lower Upper

77 100

123 44.5 37.4 56.0

65 12.7 11.3 16.9





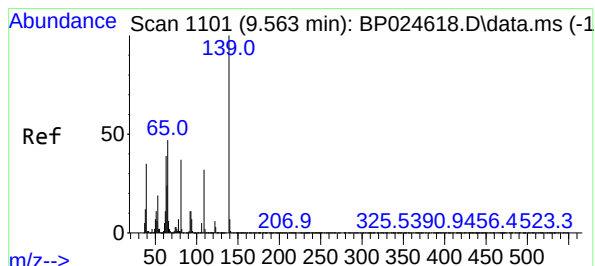
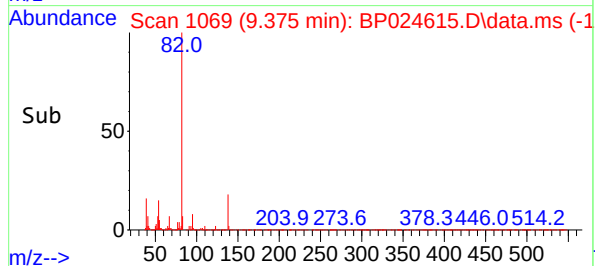
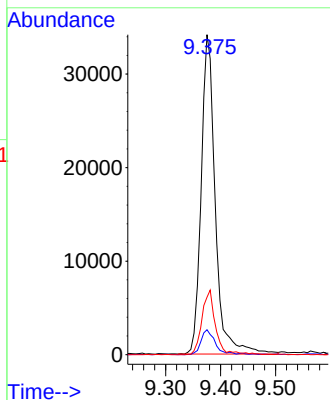
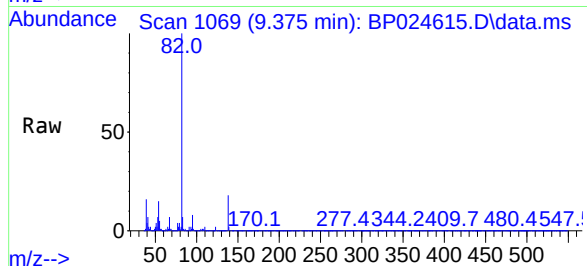
#25
Isophorone
Concen: 4.69 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 6085
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.9 15.3 22.9

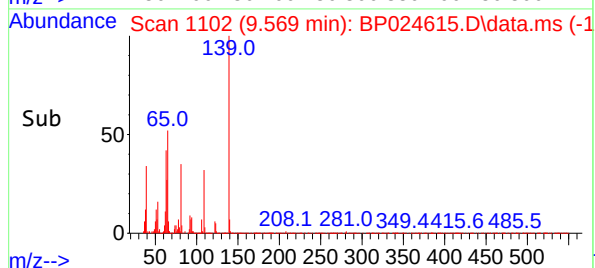
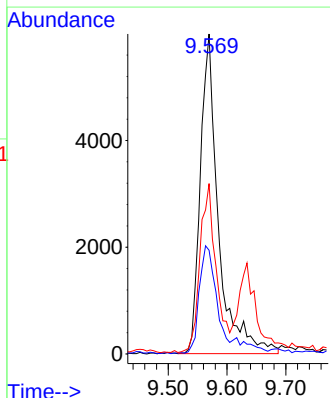
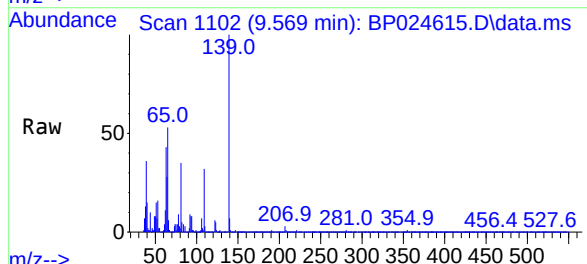
Manual Integrations
APPROVED

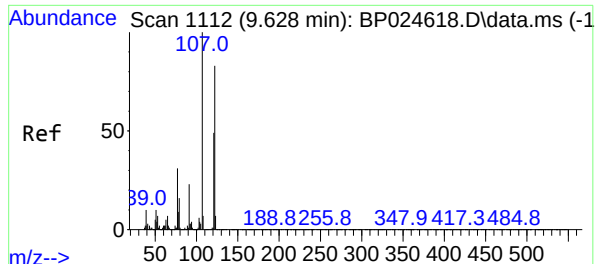
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 3.96 ng
RT: 9.569 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:139 Resp: 12786
Ion Ratio Lower Upper
139 100
109 32.4 25.9 38.9
65 53.2 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 4.54 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

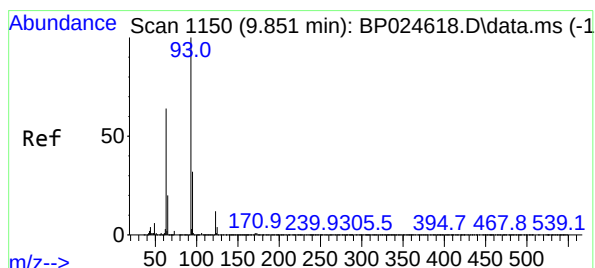
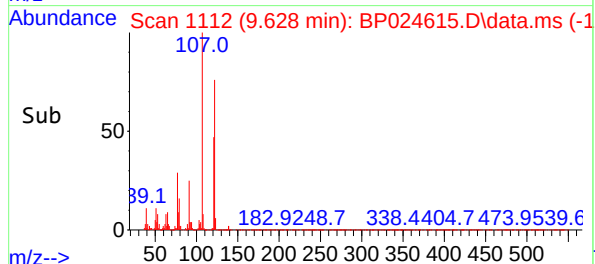
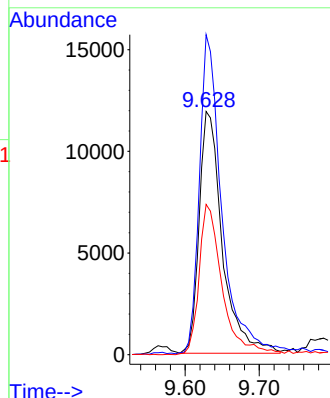
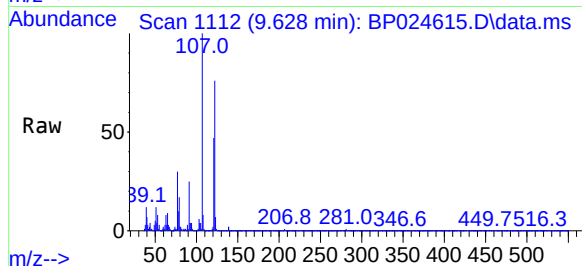
Tgt Ion:	122	Resp:	25830
Ion	Ratio	Lower	Upper
122	100		
107	131.6	96.2	144.2
121	61.8	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.91 ng

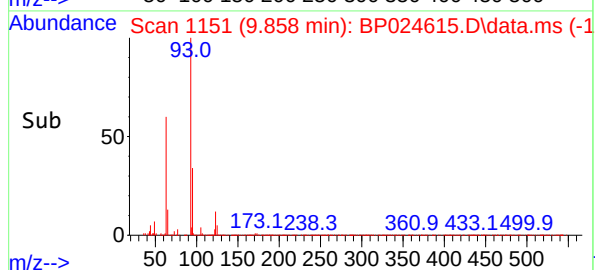
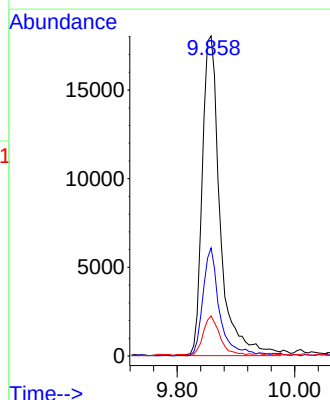
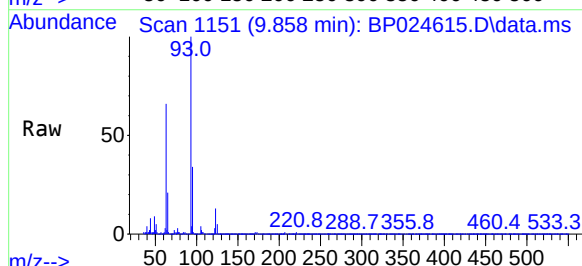
RT: 9.858 min Scan# 1151

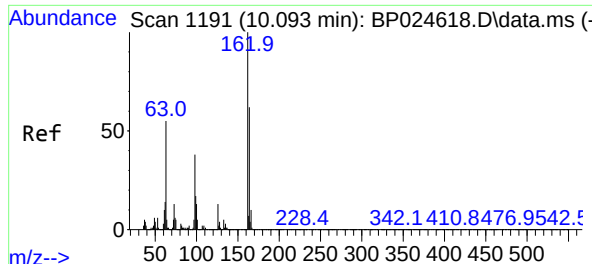
Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Tgt Ion:	93	Resp:	38071
Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.5	38.3
123	12.5	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 4.29 ng

RT: 10.122 min Scan# 1196

Delta R.T. 0.030 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

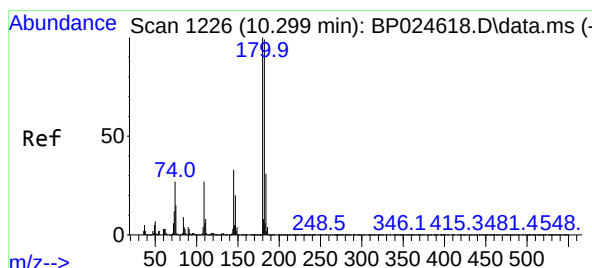
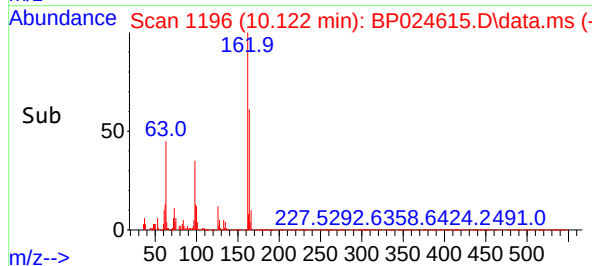
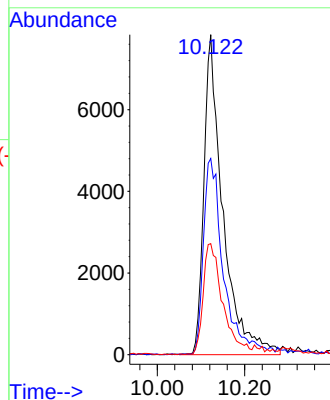
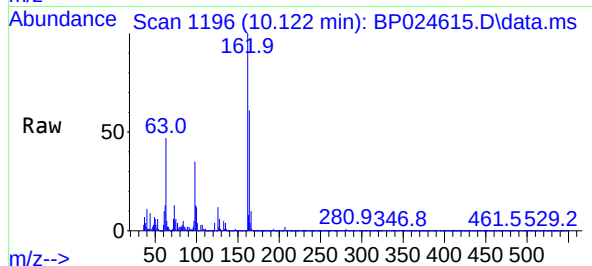
Tgt Ion:	162	Resp:	2362
Ion Ratio	Lower	Upper	
162	100		
164	61.3	42.3	82.3
98	34.7	18.4	58.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.26 ng

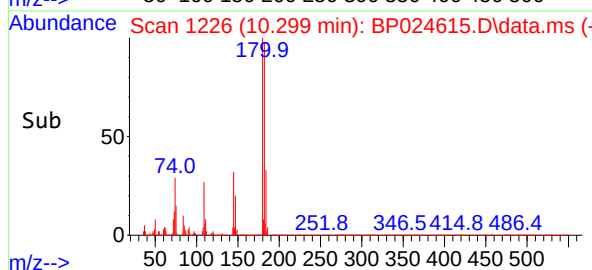
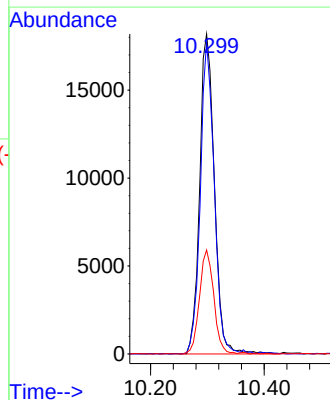
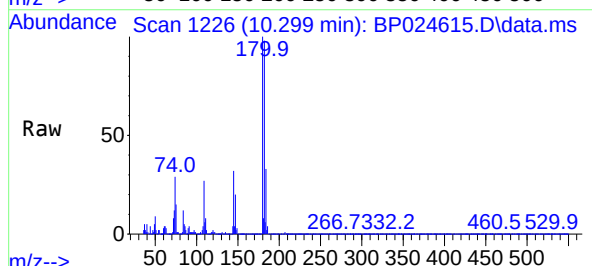
RT: 10.299 min Scan# 1226

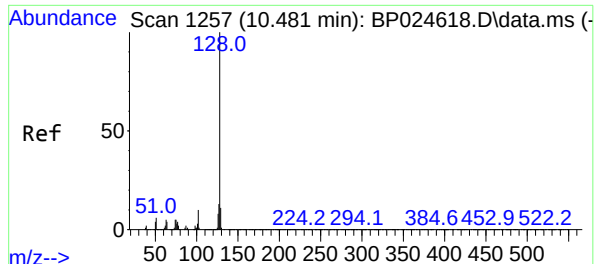
Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

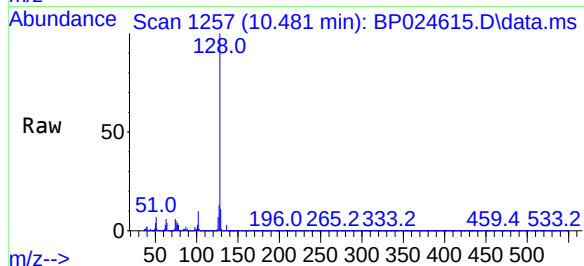
Tgt Ion:	180	Resp:	32699
Ion Ratio	Lower	Upper	
180	100		
182	97.6	79.0	118.4
145	32.5	26.6	39.8





#31
Naphthalene
Concen: 5.13 ng
RT: 10.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

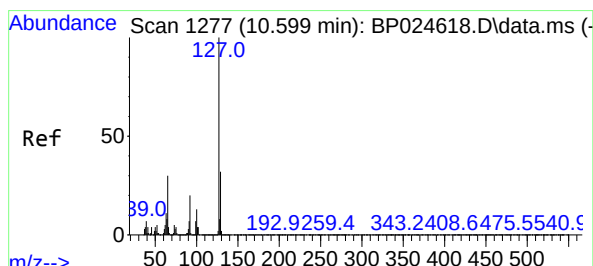
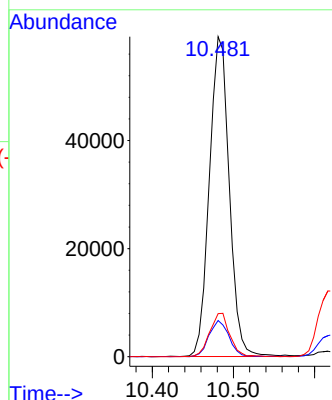
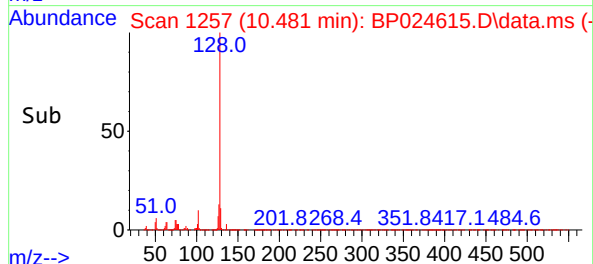
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 100564
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.7 16.1

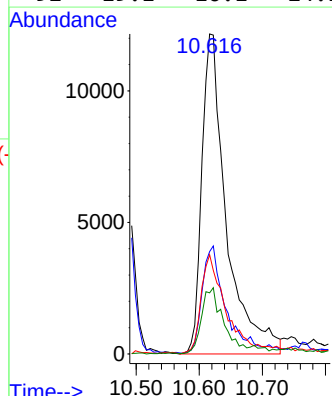
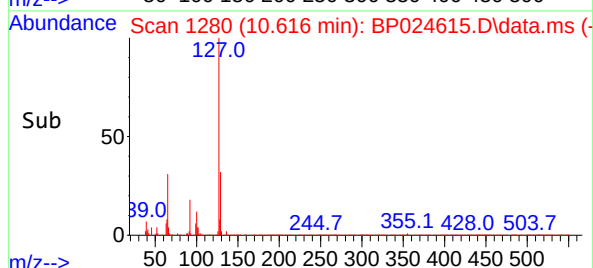
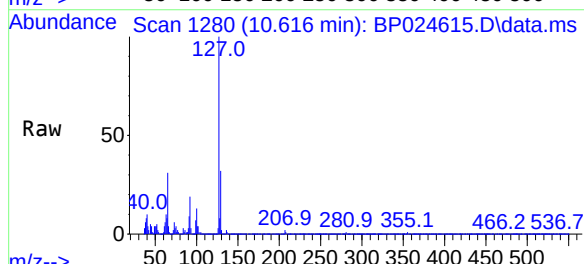
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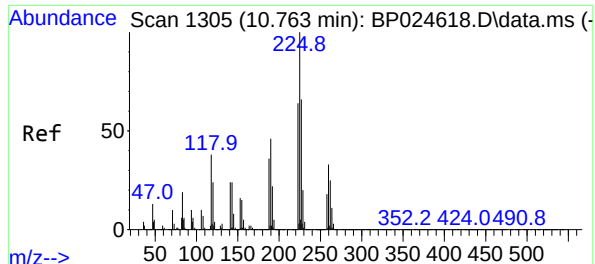
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#33
4-Chloroaniline
Concen: 4.16 ng
RT: 10.616 min Scan# 1280
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

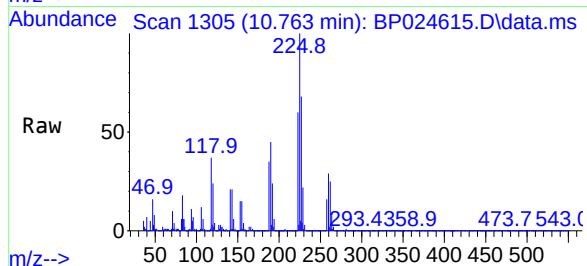
Tgt Ion:127 Resp: 32908
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.6
65 31.0 23.9 35.9
92 19.1 16.1 24.1





#34
Hexachlorobutadiene
Concen: 5.43 ng
RT: 10.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

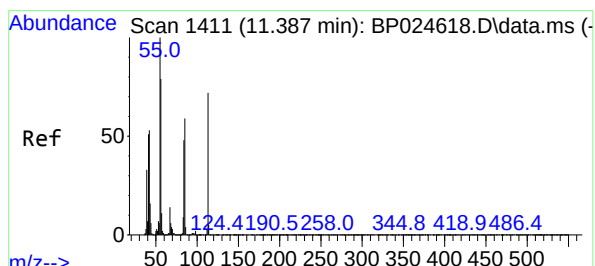
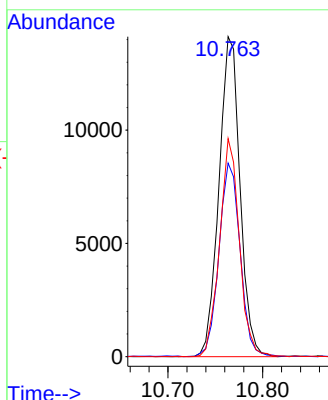
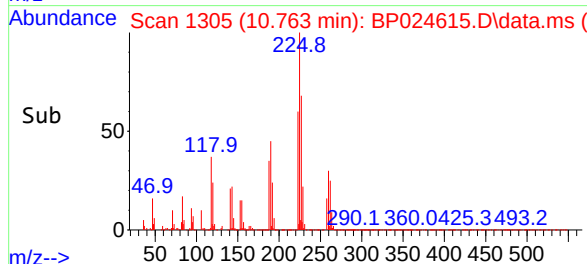
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 225 Resp: 21834
Ion Ratio Lower Upper
225 100
223 60.5 51.0 76.6
227 71.7 53.1 79.7

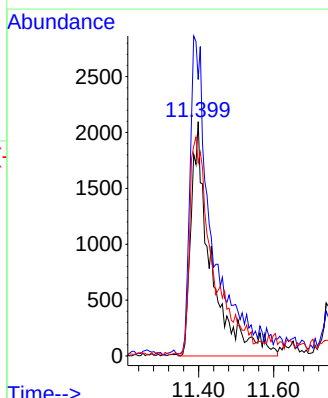
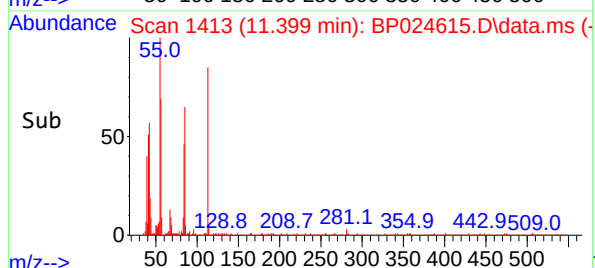
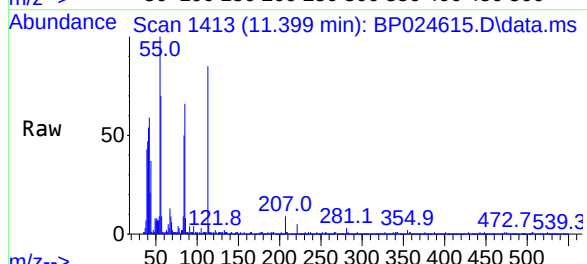
Manual Integrations
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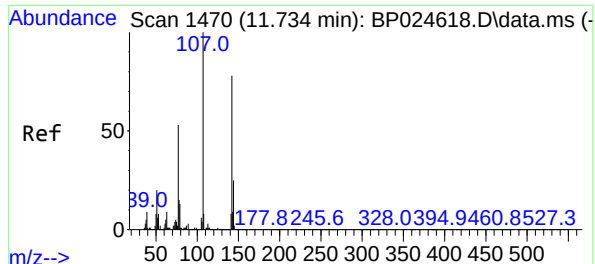
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#35
Caprolactam
Concen: 3.88 ng m
RT: 11.399 min Scan# 1413
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

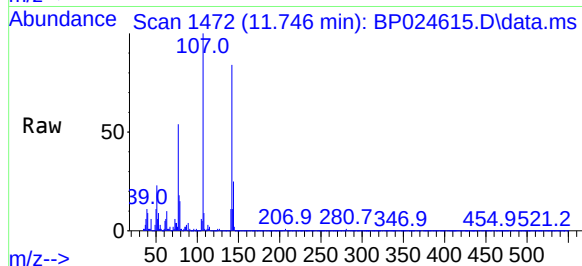
Tgt Ion: 113 Resp: 7742
Ion Ratio Lower Upper
113 100
55 118.0 119.0 159.0#
56 82.4 90.3 130.3#





#36
4-Chloro-3-methylphenol
Concen: 4.44 ng
RT: 11.746 min Scan# 1470
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

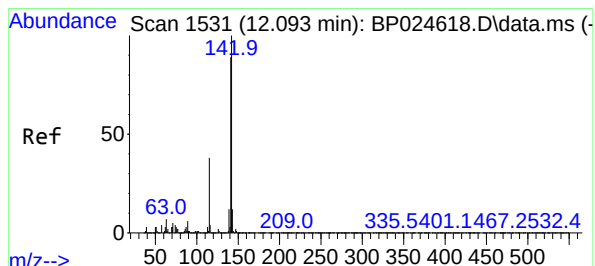
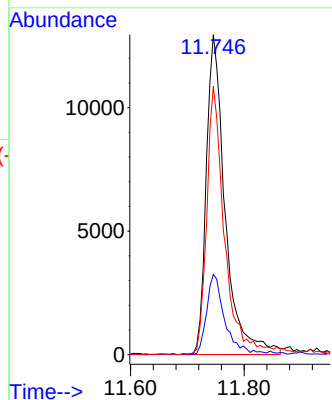
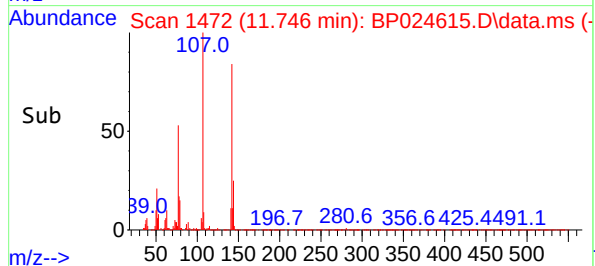
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



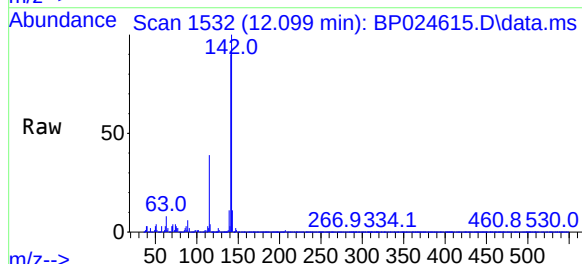
Tgt Ion:107 Resp: 29849
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 83.9 62.1 93.1

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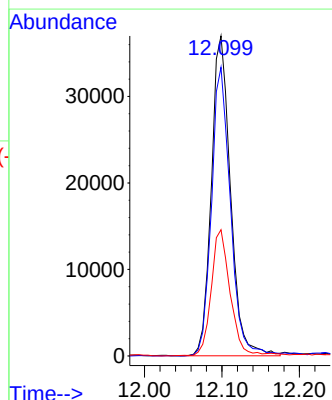
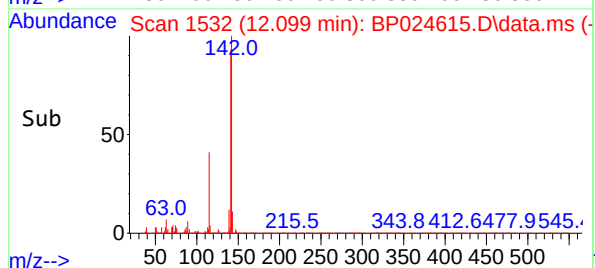
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

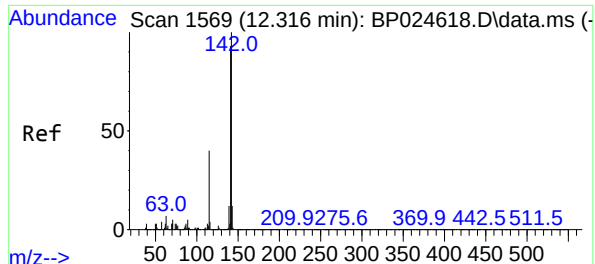


#37
2-Methylnaphthalene
Concen: 5.01 ng
RT: 12.099 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



Tgt Ion:142 Resp: 63562
Ion Ratio Lower Upper
142 100
141 90.2 71.2 106.8
115 39.4 30.6 46.0





#38

1-Methylnaphthalene

Concen: 5.16 ng

RT: 12.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

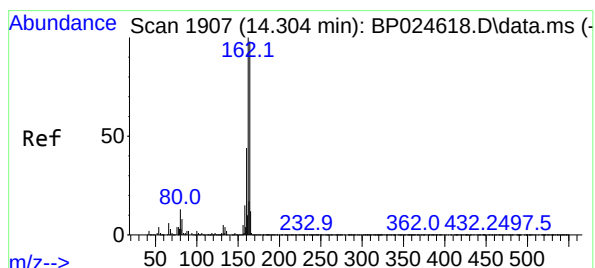
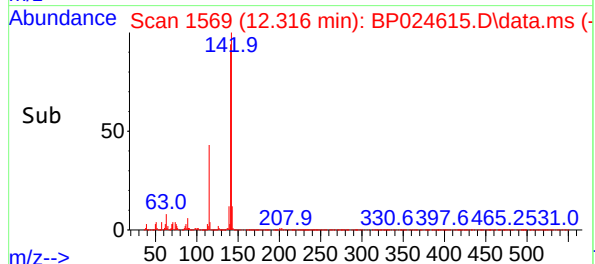
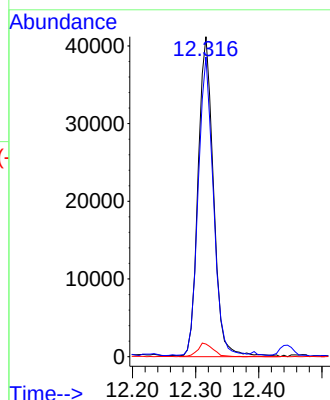
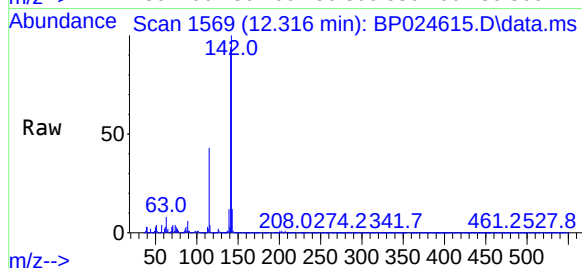
Tgt Ion:	142	Resp:	7004
Ion Ratio	Lower	Upper	
142	100		
141	93.7	74.7	112.1
116	4.0	3.4	5.2

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#39

Acenaphthene-d10

Concen: 20.00 ng

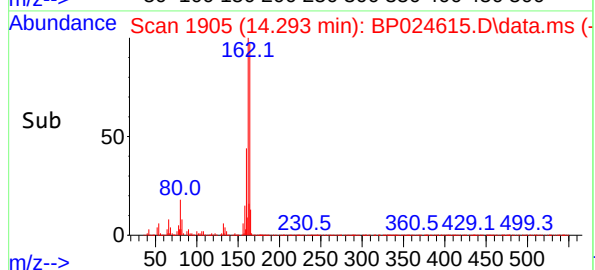
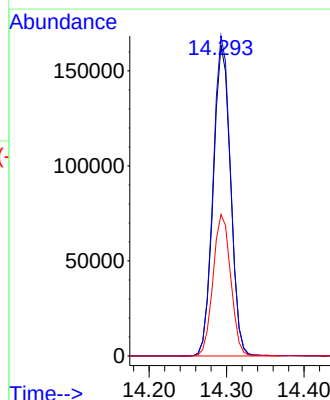
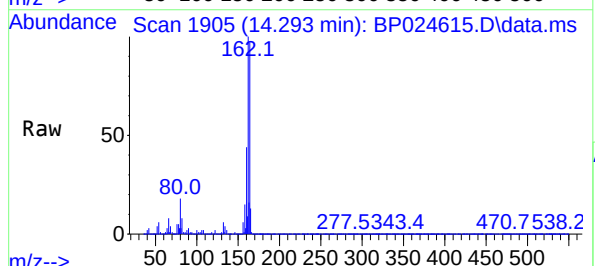
RT: 14.293 min Scan# 1905

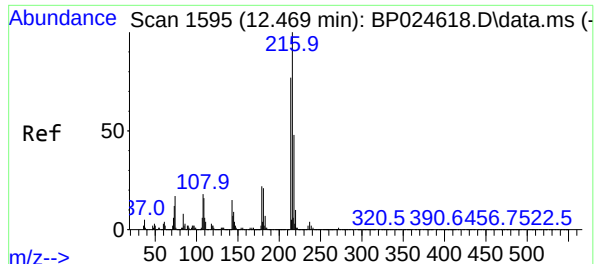
Delta R.T. -0.012 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Tgt Ion:	164	Resp:	254561
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.8	122.6
160	45.5	36.3	54.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.11 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:216 Resp: 37738

Ion Ratio Lower Upper

216 100

214 78.4 62.3 93.5

179 22.0 17.7 26.5

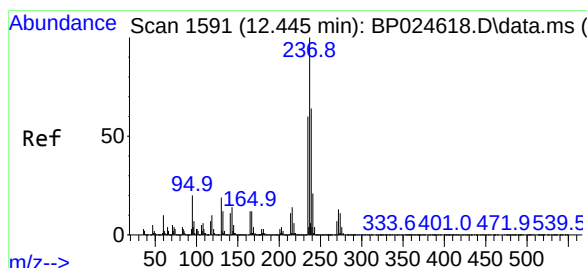
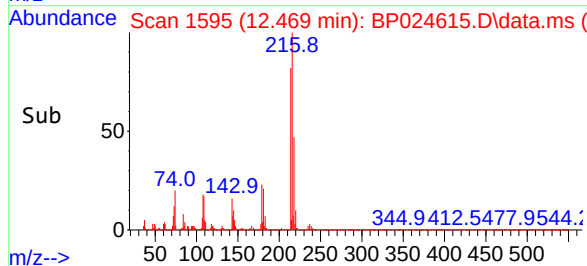
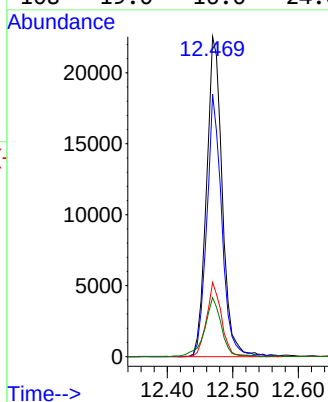
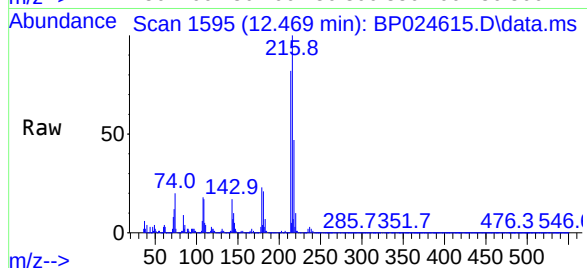
108 19.0 16.0 24.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#41

Hexachlorocyclopentadiene

Concen: 3.56 ng

RT: 12.446 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

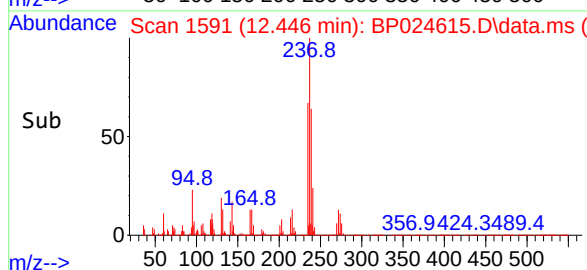
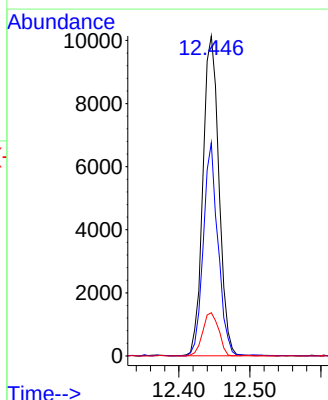
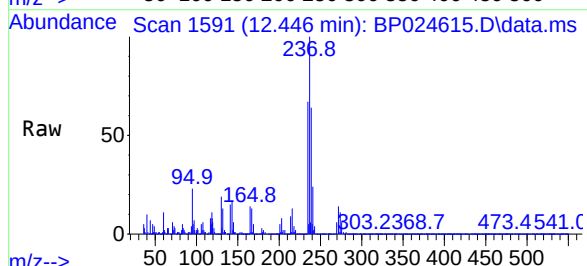
Tgt Ion:237 Resp: 15939

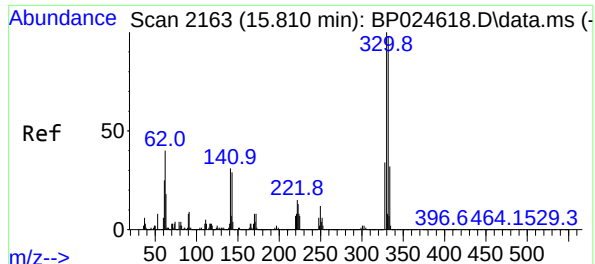
Ion Ratio Lower Upper

237 100

235 66.6 39.9 79.9

272 13.5 0.0 33.2





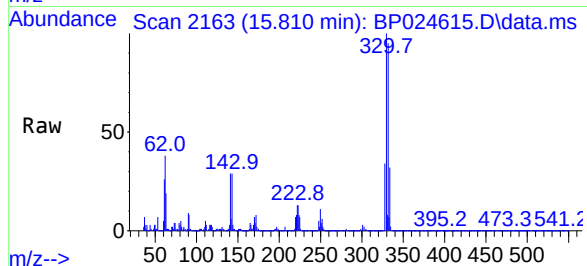
#42
2,4,6-Tribromophenol
Concen: 9.55 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

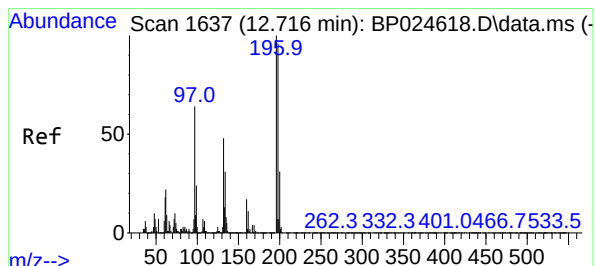
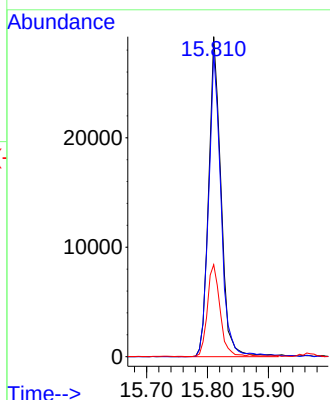
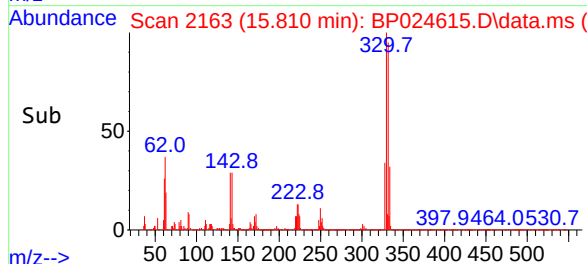


Tgt Ion:330 Resp: 41219
Ion Ratio Lower Upper
330 100
332 95.4 78.2 117.4
141 29.5 24.3 36.5

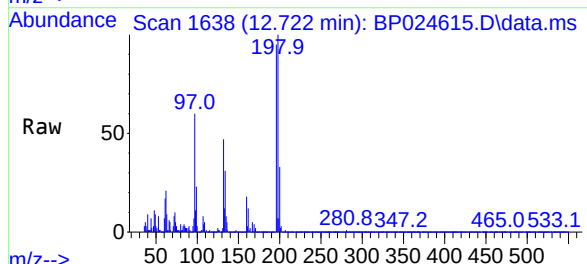
Manual Integrations

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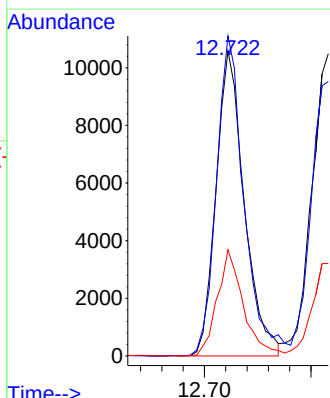
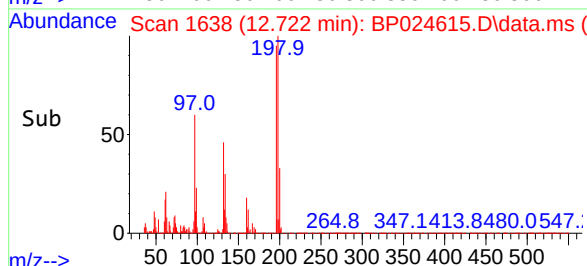
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

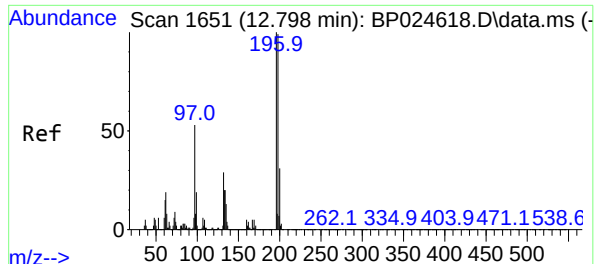


#43
2,4,6-Trichlorophenol
Concen: 4.06 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



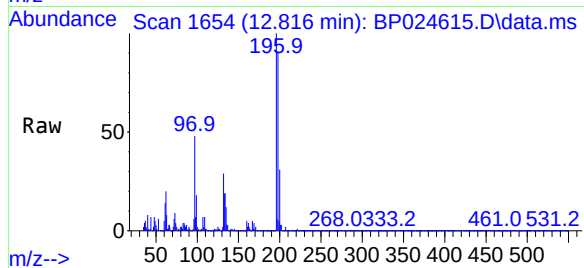
Tgt Ion:196 Resp: 19429
Ion Ratio Lower Upper
196 100
198 104.9 76.9 115.3
200 34.8 25.2 37.8





#44
2,4,5-Trichlorophenol
Concen: 4.49 ng
RT: 12.816 min Scan# 1654
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

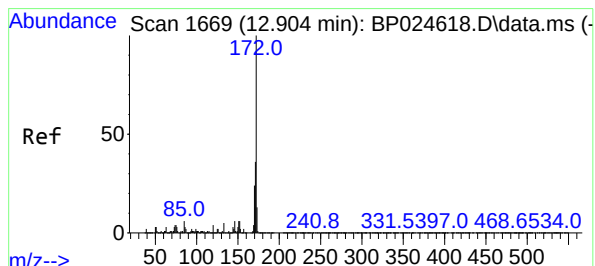
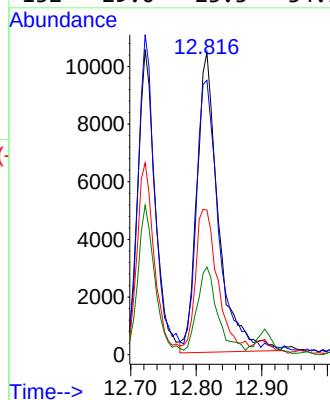
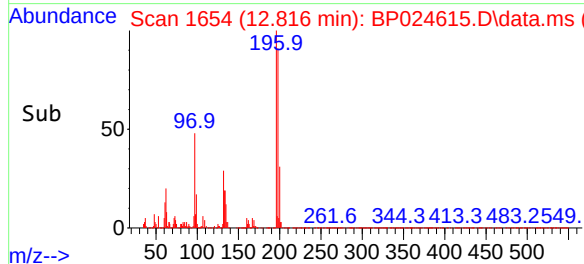
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 23918
Ion Ratio Lower Upper
196 100
198 90.8 79.2 118.8
97 47.8 42.3 63.5
132 29.0 23.3 34.9

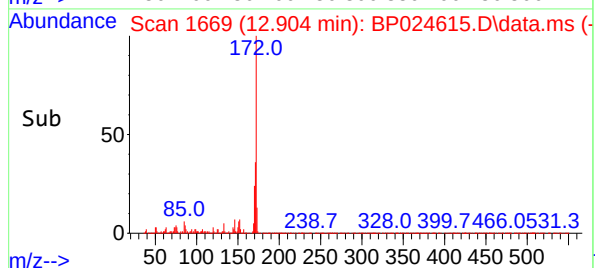
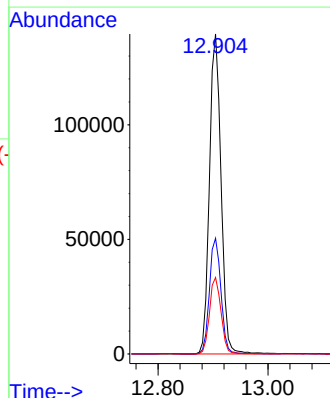
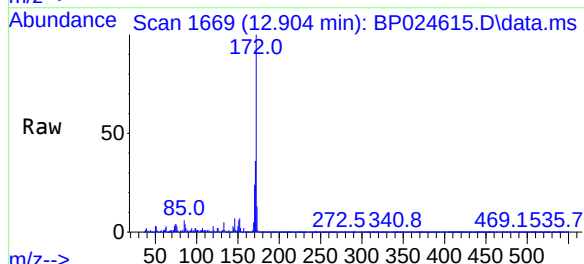
Manual Integrations
APPROVED

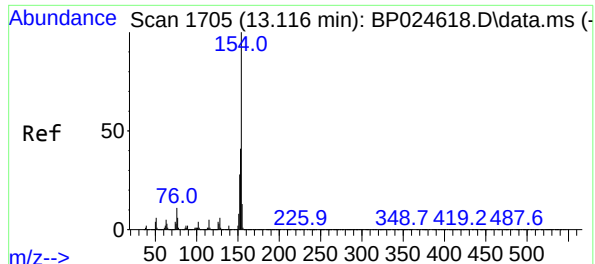
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#45
2-Fluorobiphenyl
Concen: 10.48 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:172 Resp: 203719
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.9 18.8 28.2





#46

1,1'-Biphenyl

Concen: 5.15 ng

RT: 13.116 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

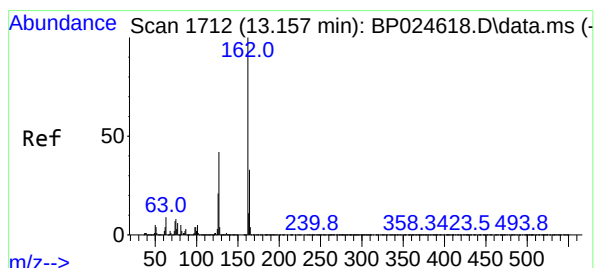
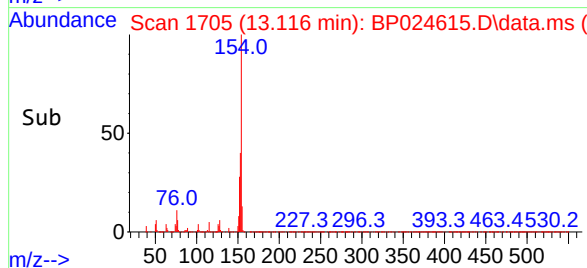
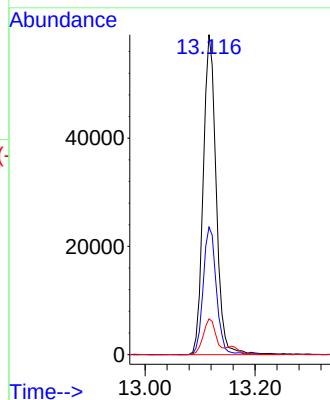
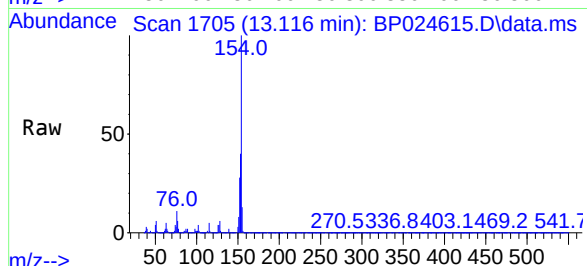
Tgt Ion:	154	Resp:	9695
Ion Ratio	Lower	Upper	
154	100		
153	39.8	21.0	61.0
76	11.2	0.0	31.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#47

2-Chloronaphthalene

Concen: 5.09 ng

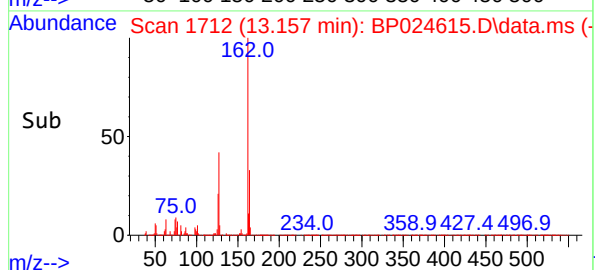
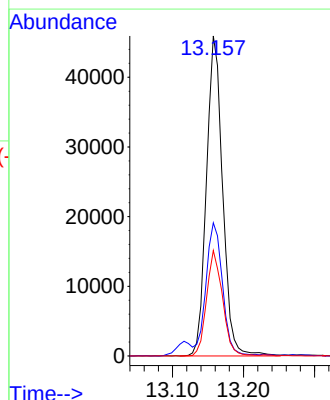
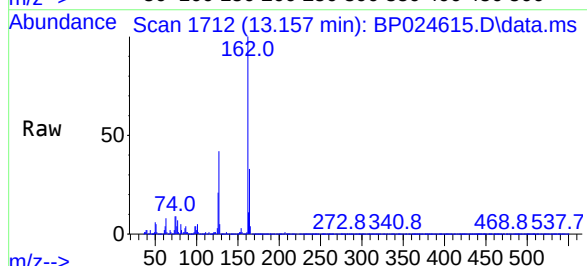
RT: 13.157 min Scan# 1712

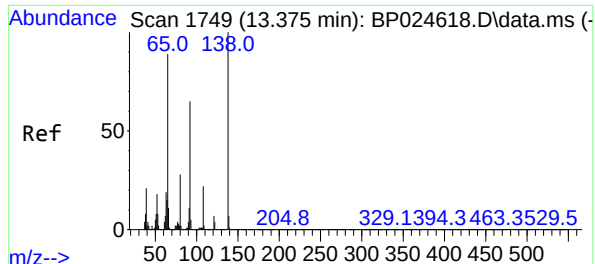
Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

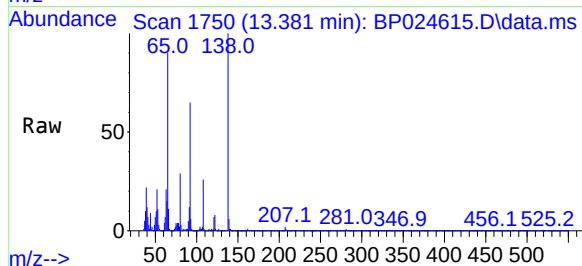
Tgt Ion:	162	Resp:	72977
Ion Ratio	Lower	Upper	
162	100		
127	41.6	33.8	50.6
164	33.0	26.0	39.0





#48
2-Nitroaniline
Concen: 4.19 ng
RT: 13.381 min Scan# 1749
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

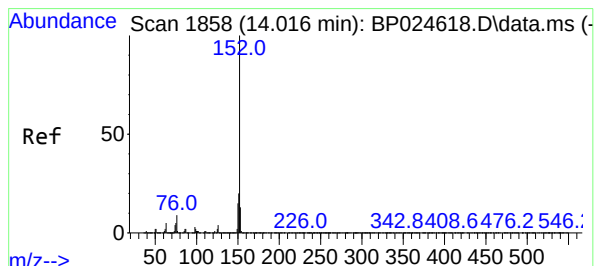
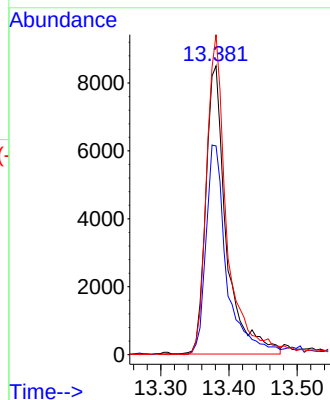
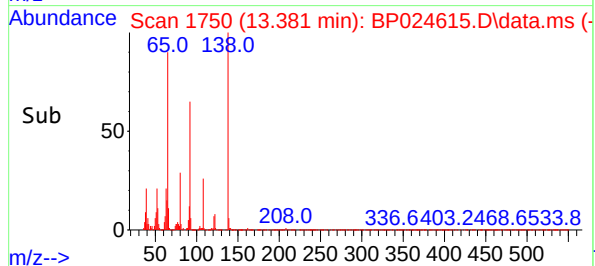
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



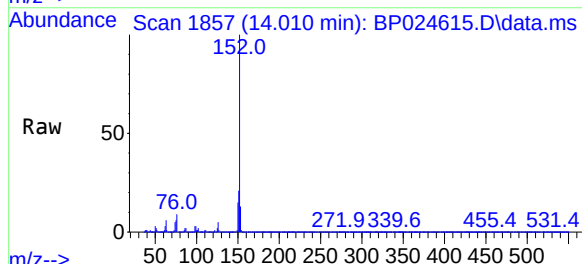
Tgt Ion: 65 Resp: 17778
Ion Ratio Lower Upper
65 100
92 72.3 58.7 88.1
138 110.8 90.2 135.2

Manual Integrations
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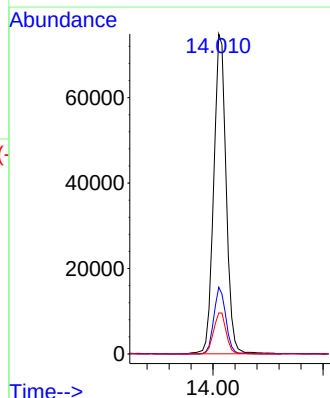
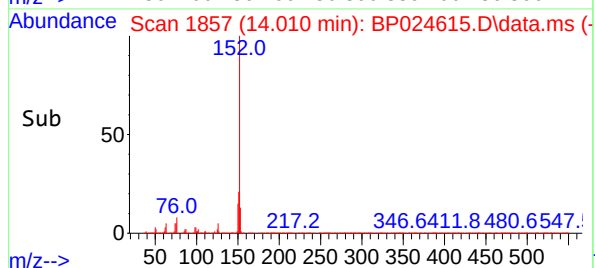
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

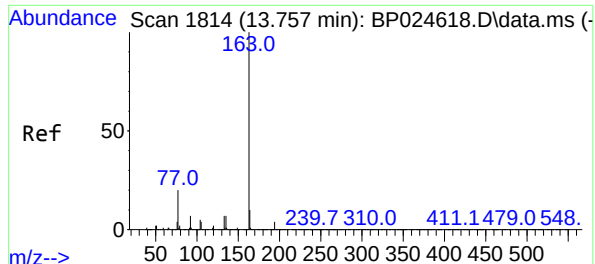


#49
Acenaphthylene
Concen: 4.89 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



Tgt Ion:152 Resp: 117448
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 12.8 10.2 15.4





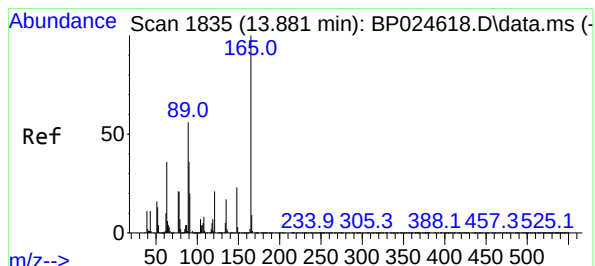
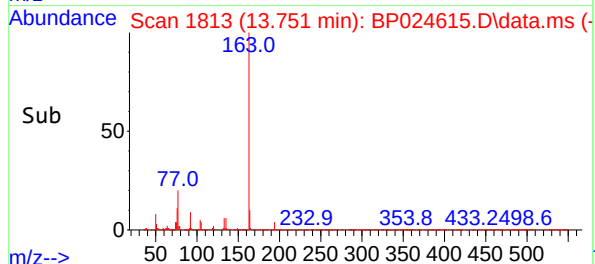
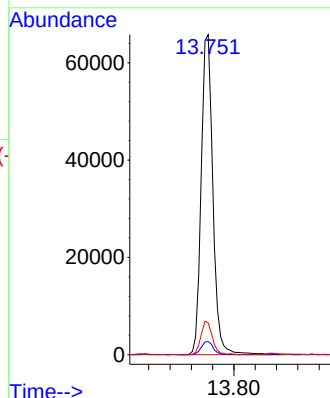
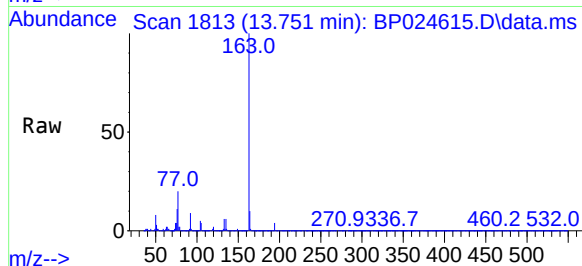
#50
Dimethylphthalate
Concen: 5.15 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 99940
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.1 12.1

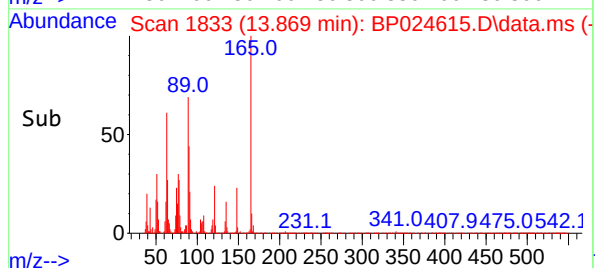
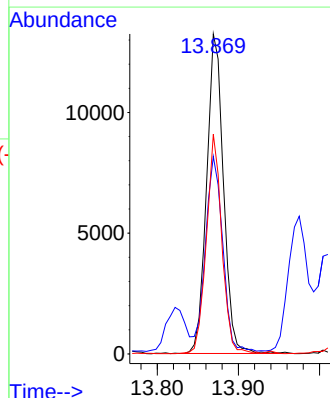
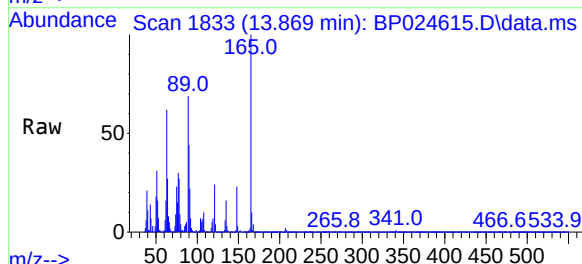
Manual Integrations
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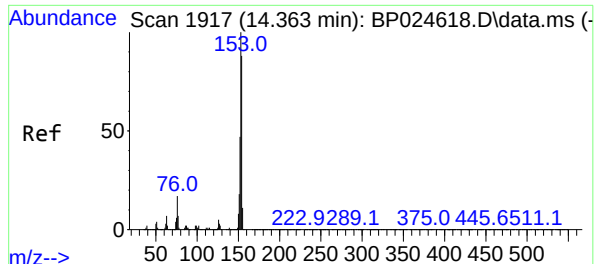
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#51
2,6-Dinitrotoluene
Concen: 4.65 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

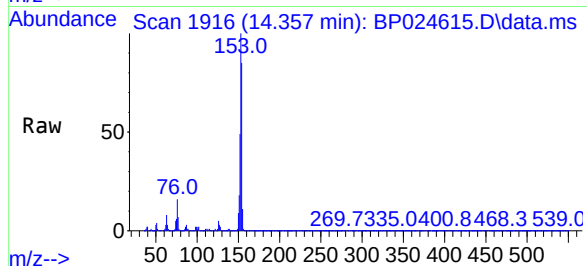
Tgt Ion:165 Resp: 19052
Ion Ratio Lower Upper
165 100
63 61.7 42.4 63.6
89 68.7 44.8 67.2#





#52
Acenaphthene
Concen: 5.09 ng
RT: 14.357 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

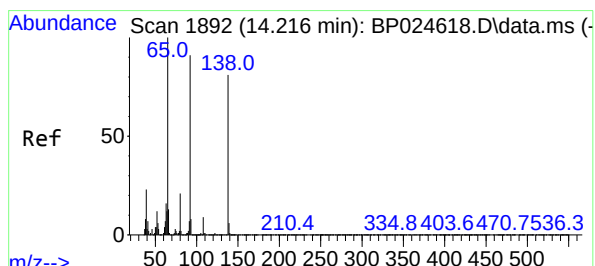
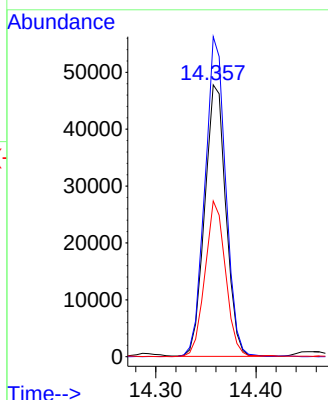
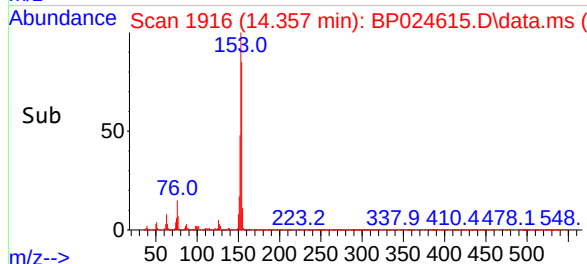
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



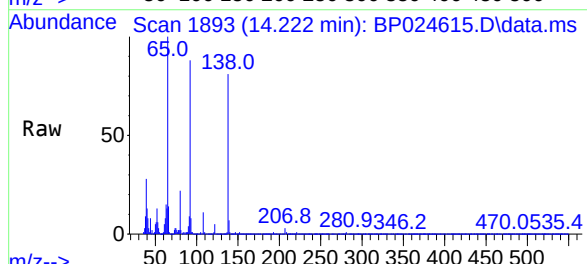
Tgt Ion:154 Resp: 70302
Ion Ratio Lower Upper
154 100
153 117.7 91.0 136.4
152 57.3 42.9 64.3

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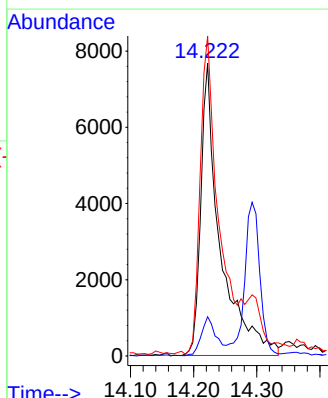
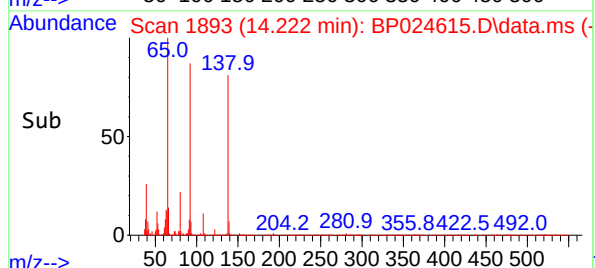
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

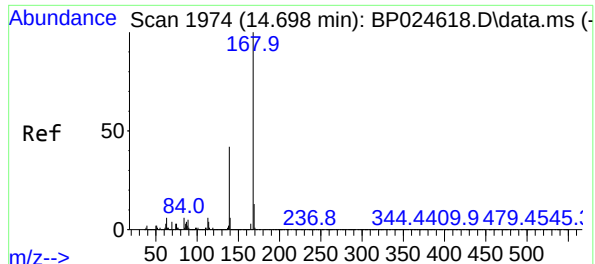


#53
3-Nitroaniline
Concen: 3.92 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



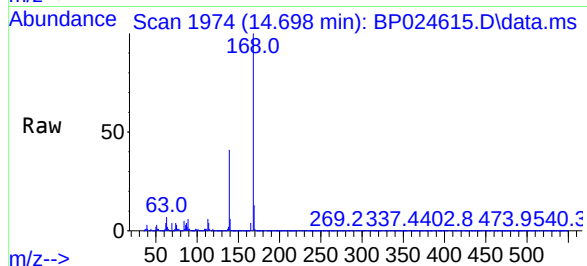
Tgt Ion:138 Resp: 16400
Ion Ratio Lower Upper
138 100
108 13.4 9.0 13.4
92 109.3 90.1 135.1





#55
Dibenzenofuran
Concen: 5.23 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

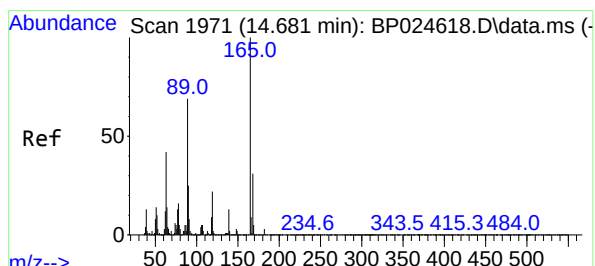
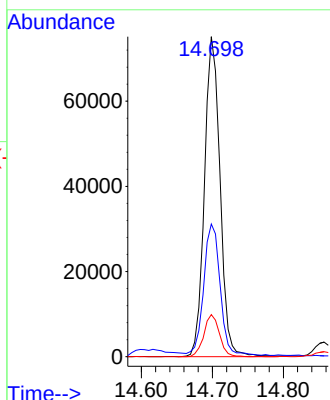
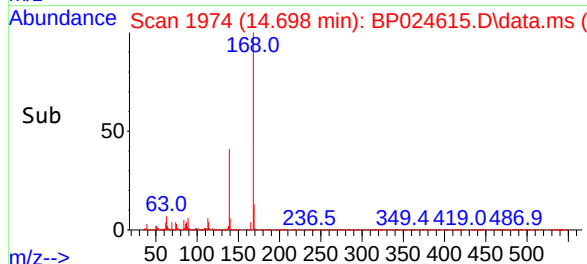
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



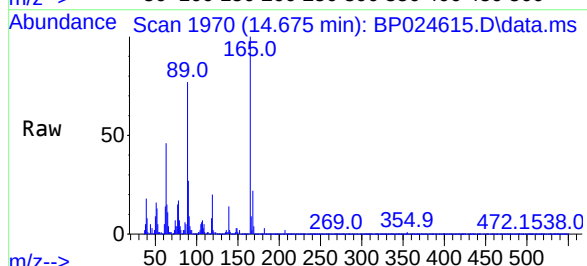
Tgt Ion:168 Resp: 115180
Ion Ratio Lower Upper
168 100
139 41.5 34.2 51.4
169 13.2 10.8 16.2

Manual Integrations
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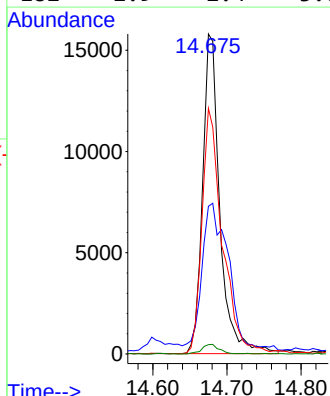
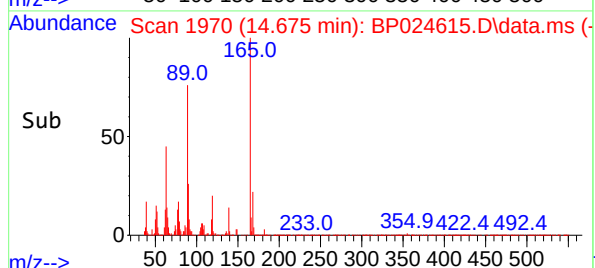
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

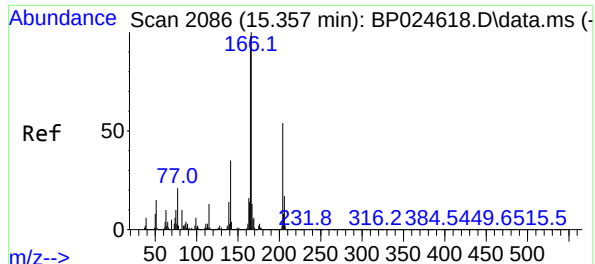


#57
2,4-Dinitrotoluene
Concen: 4.41 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



Tgt Ion:165 Resp: 25481
Ion Ratio Lower Upper
165 100
63 46.2 33.8 50.6
89 76.8 55.6 83.4
182 2.9 2.4 3.6





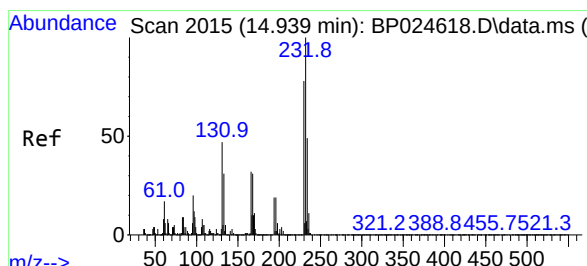
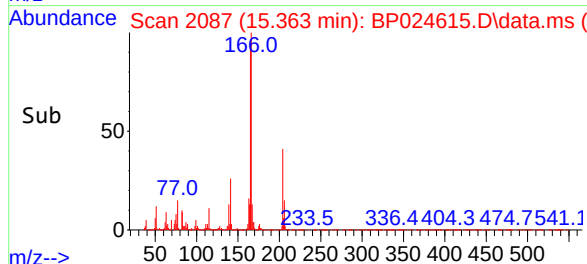
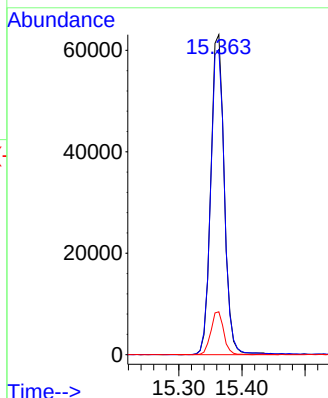
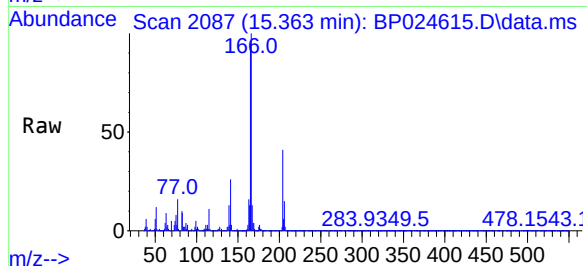
#58
Fluorene
Concen: 5.20 ng
RT: 15.363 min Scan# 2086
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 9330
Ion Ratio Lower Upper
166 100
165 95.4 78.5 117.7
167 13.4 10.7 16.1

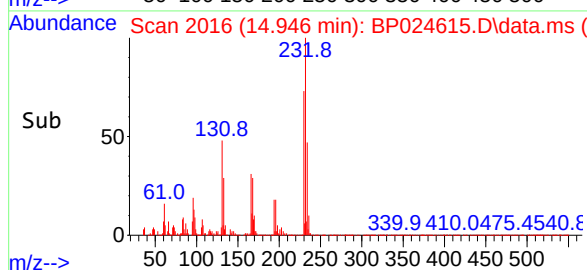
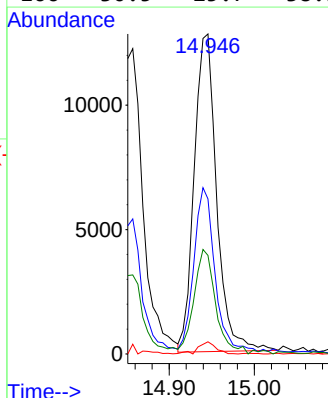
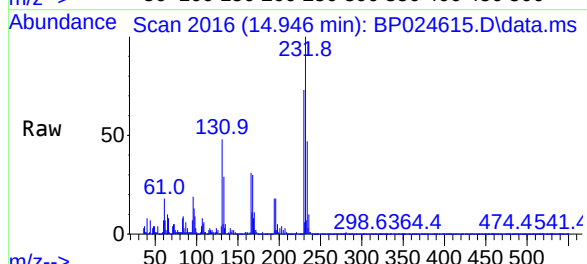
Manual Integrations
APPROVED

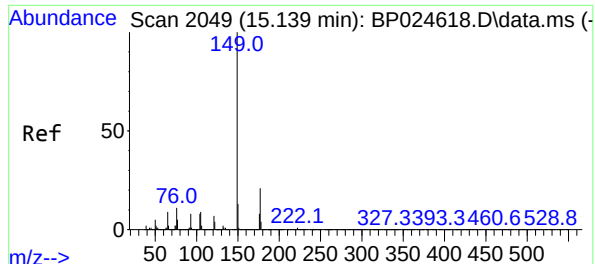
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.73 ng
RT: 14.946 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:232 Resp: 23382
Ion Ratio Lower Upper
232 100
131 48.6 39.5 59.3
130 3.0 2.2 3.4
166 30.5 25.7 38.5





#60
Diethylphthalate
Concen: 5.17 ng
RT: 15.134 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

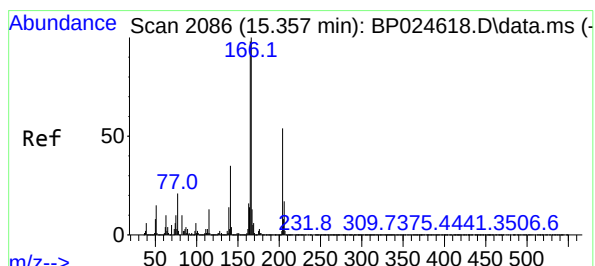
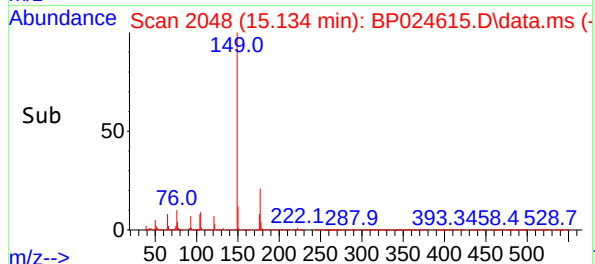
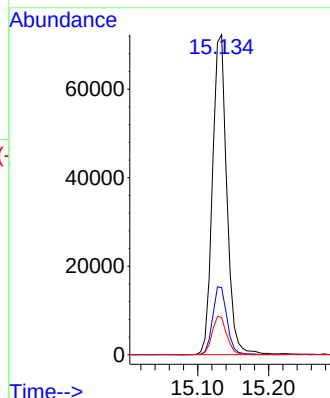
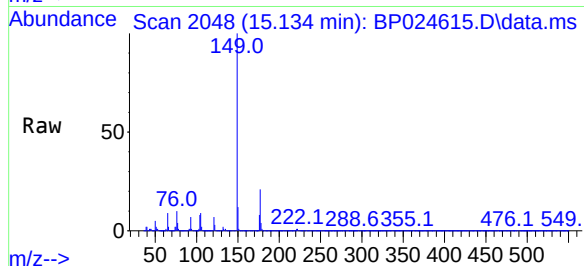
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	11.6	10.2	15.2

Manual Integrations

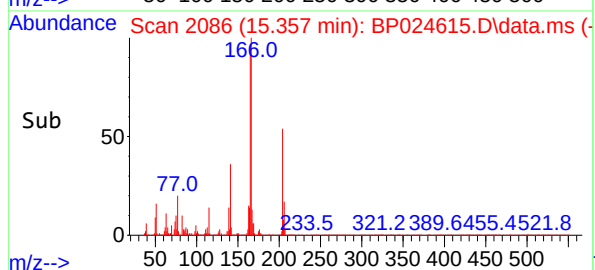
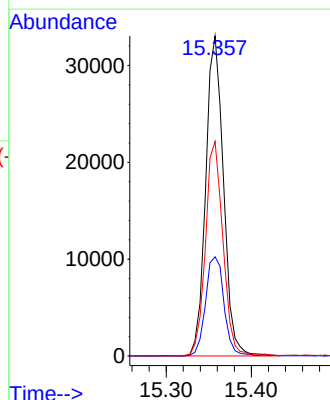
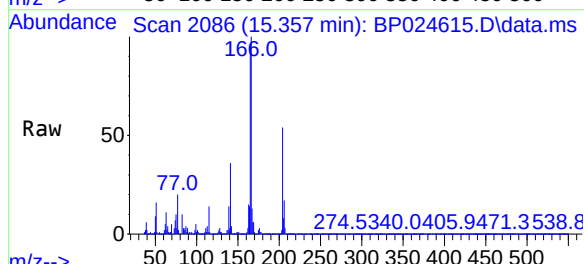
APPROVED

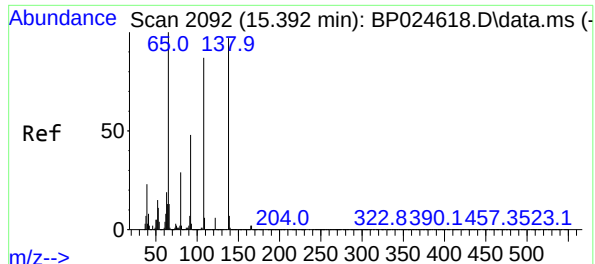
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.35 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

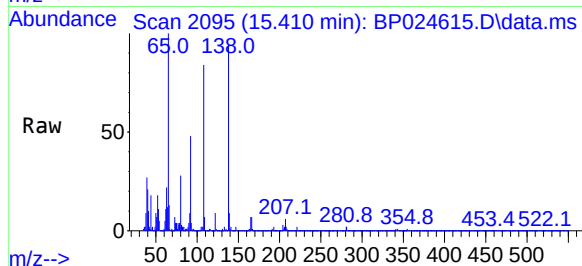
Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.0	39.0
141	67.1	52.9	79.3





#62
4-Nitroaniline
Concen: 3.55 ng m
RT: 15.410 min Scan# 2092
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

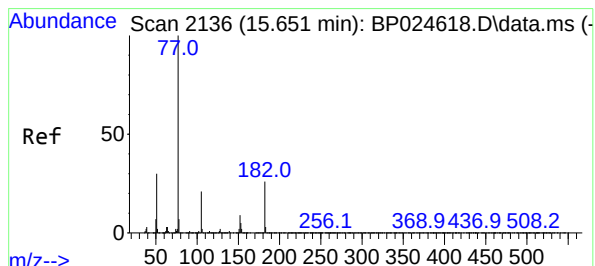
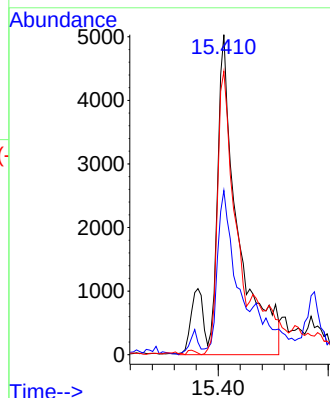
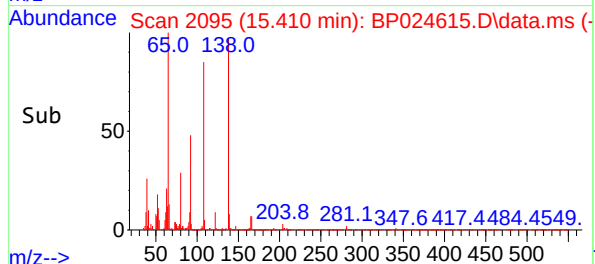
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



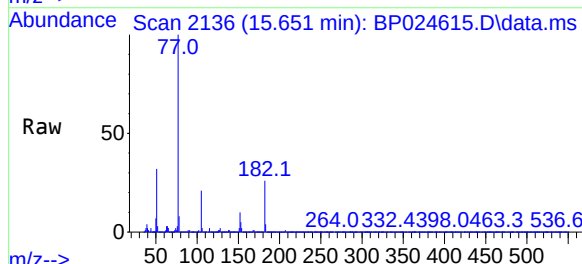
Tgt Ion:138 Resp: 1448
Ion Ratio Lower Upper
138 100
92 51.3 29.2 69.2
108 88.5 69.0 109.0

Manual Integrations
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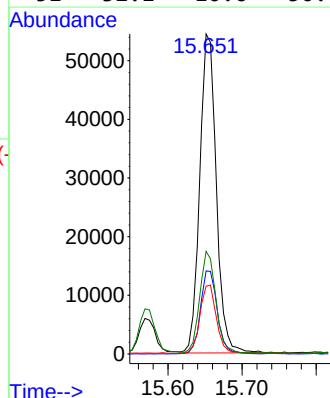
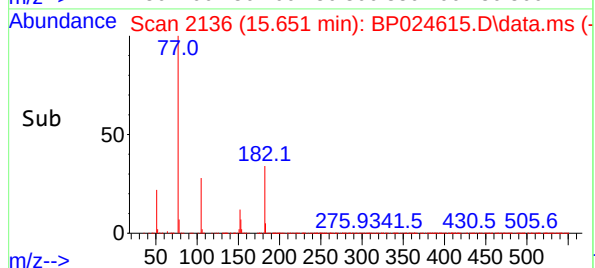
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

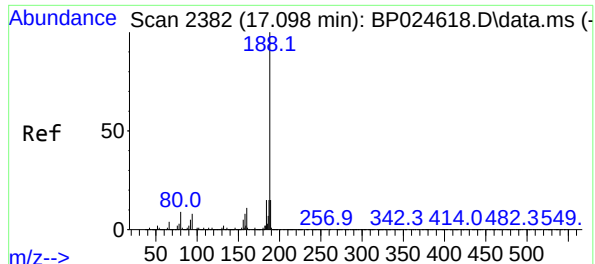


#63
Azobenzene
Concen: 5.03 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



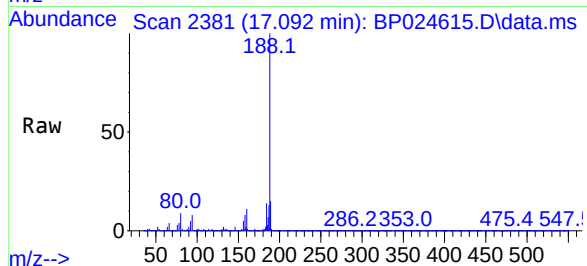
Tgt Ion: 77 Resp: 84462
Ion Ratio Lower Upper
77 100
182 26.0 5.7 45.7
105 21.2 1.3 41.3
51 32.1 10.6 50.6





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

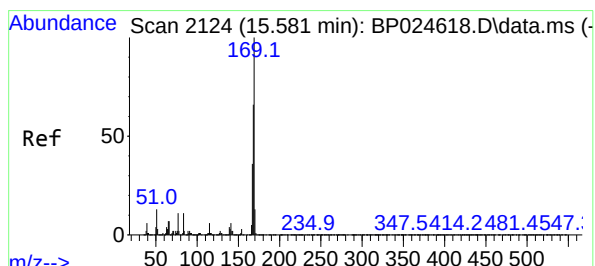
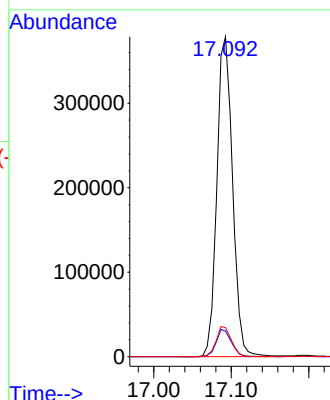
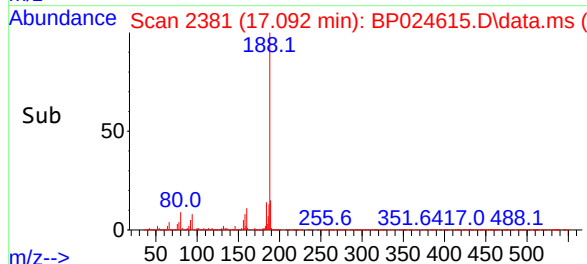
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



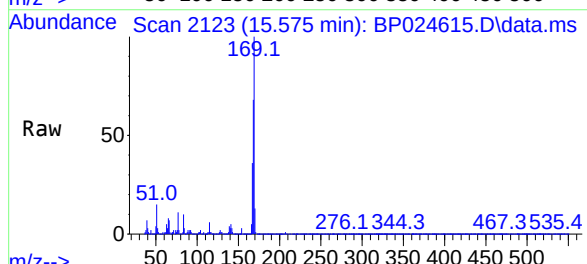
Tgt Ion:188 Resp: 531548
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.1 7.3 10.9

Manual Integrations
APPROVED

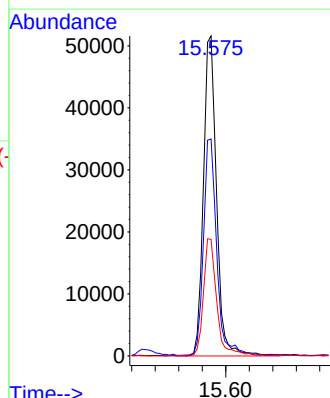
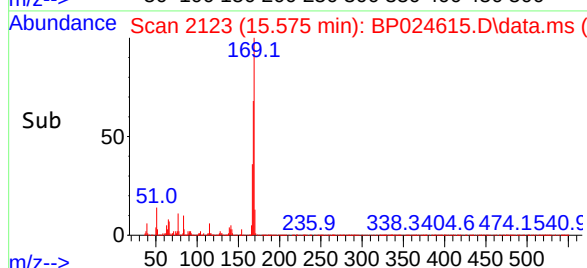
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

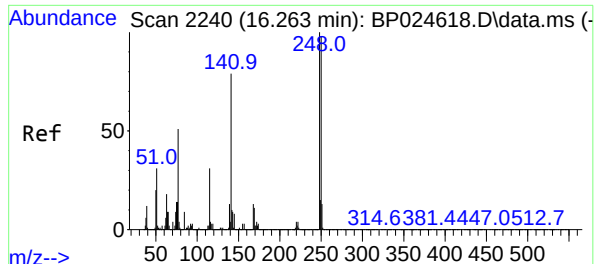


#66
n-Nitrosodiphenylamine
Concen: 4.90 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



Tgt Ion:169 Resp: 80078
Ion Ratio Lower Upper
169 100
168 67.8 53.2 79.8
167 36.5 28.6 43.0





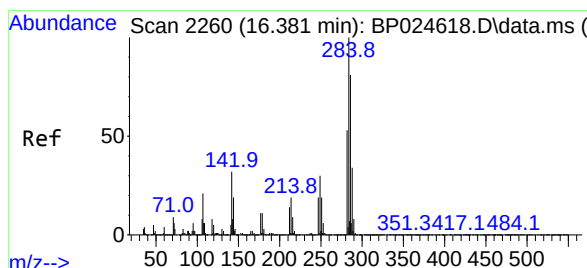
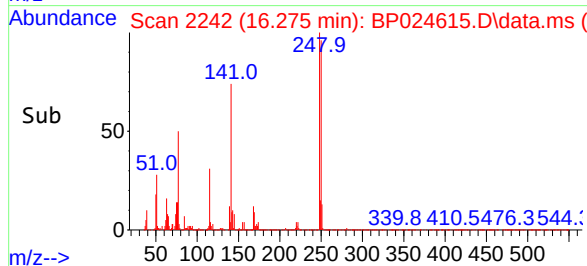
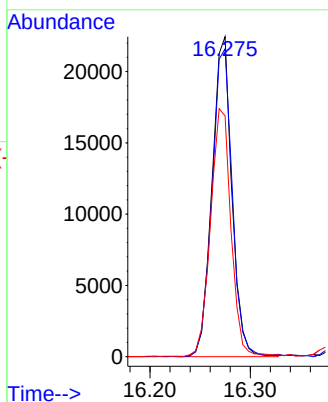
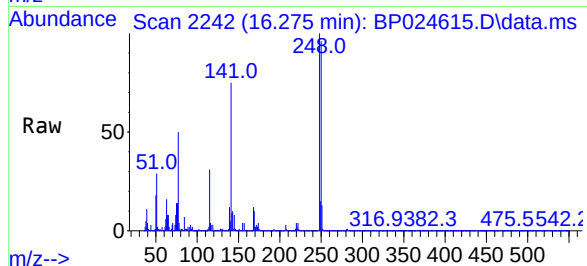
#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.275 min Scan# 211
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.2	117.4
141	75.3	63.0	94.6

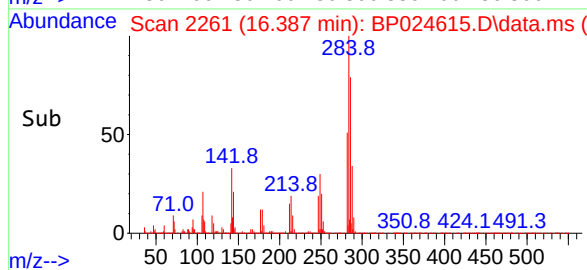
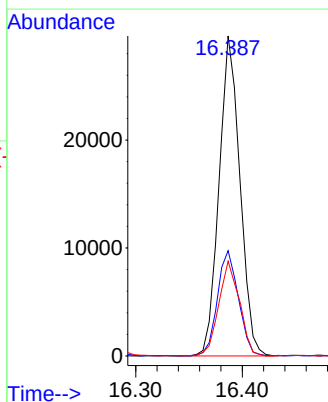
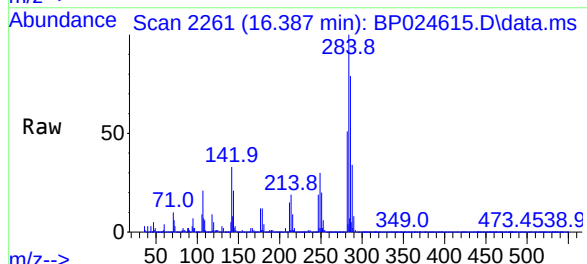
Manual Integrations
APPROVED

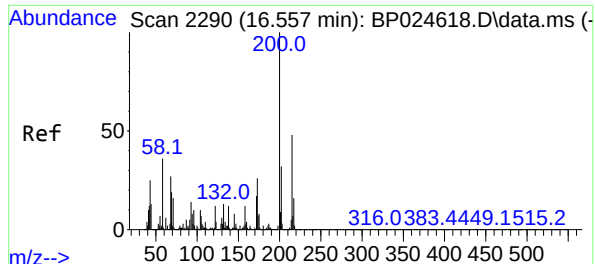
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 5.06 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

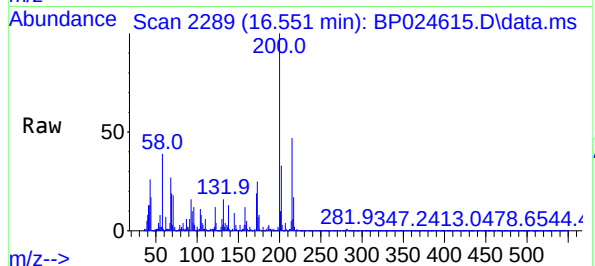
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.9	38.9
249	29.6	24.1	36.1





#69
Atrazine
Concen: 4.66 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

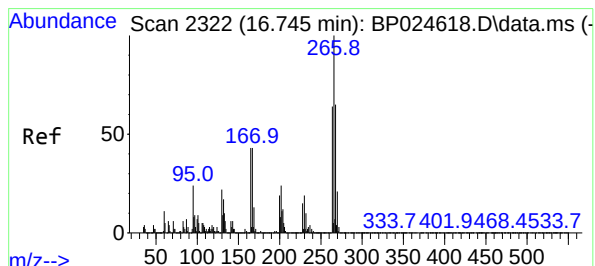
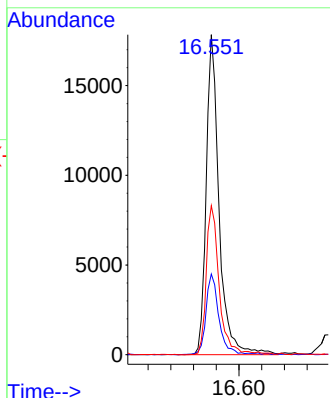
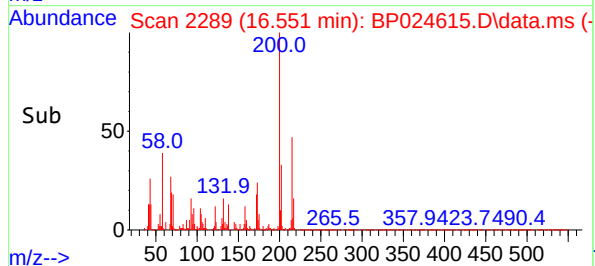
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:200 Resp: 2790
Ion Ratio Lower Upper
200 100
173 25.2 5.9 45.9
215 46.5 28.3 68.3

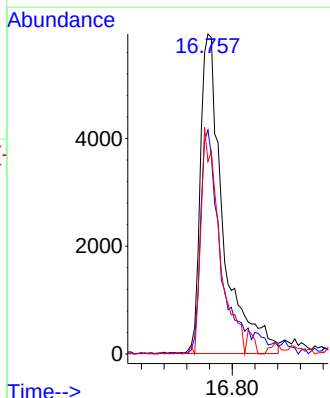
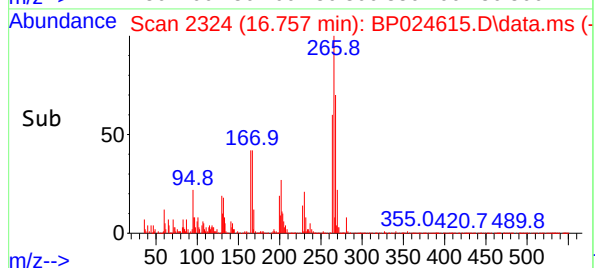
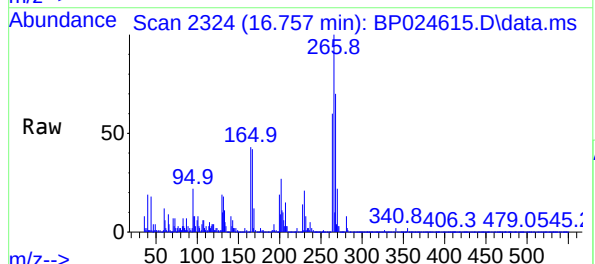
Manual Integrations
APPROVED

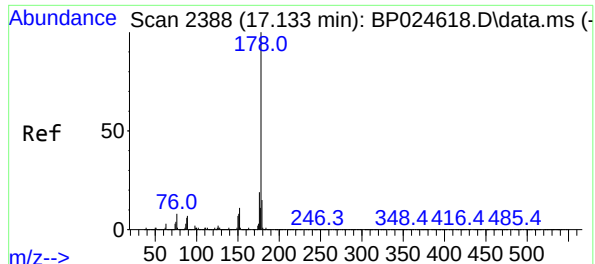
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#70
Pentachlorophenol
Concen: 3.68 ng
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:266 Resp: 16456
Ion Ratio Lower Upper
266 100
268 69.9 52.2 78.4
264 60.1 51.1 76.7





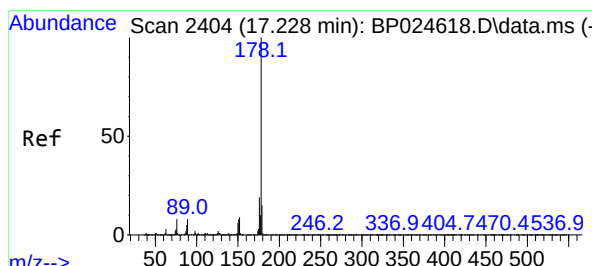
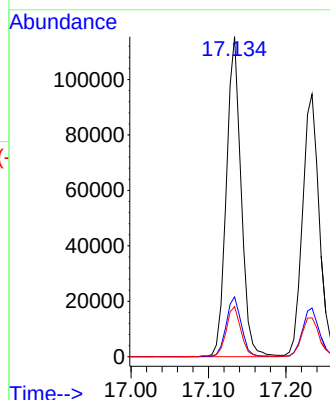
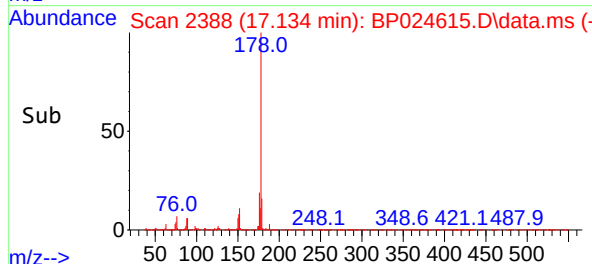
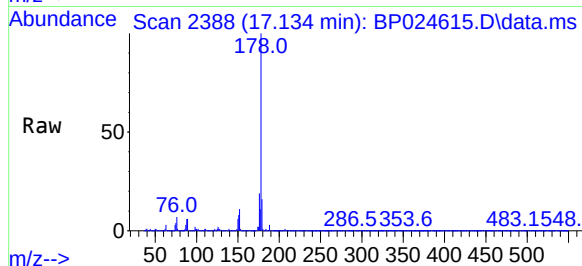
#71
Phenanthrene
Concen: 5.14 ng
RT: 17.134 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 152030
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.7 12.2 18.4

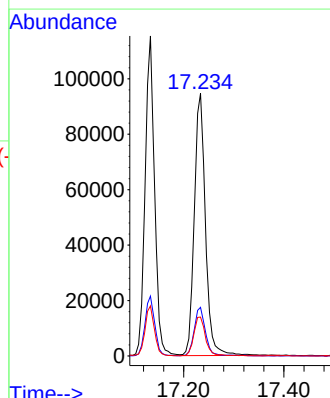
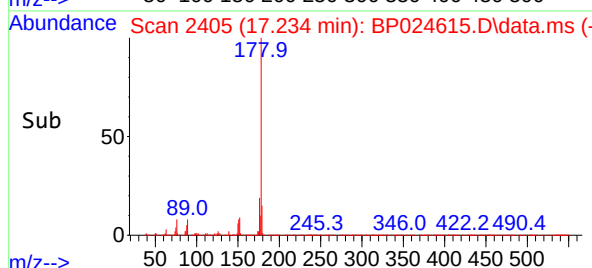
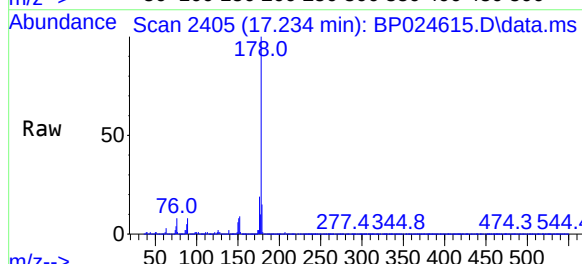
Manual Integrations
APPROVED

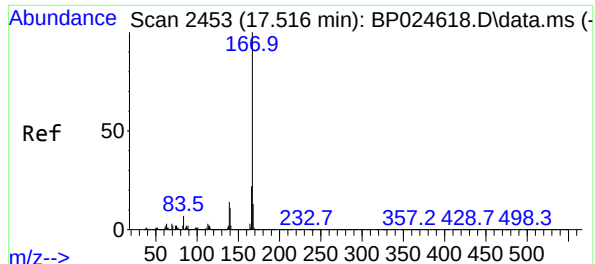
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 4.90 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

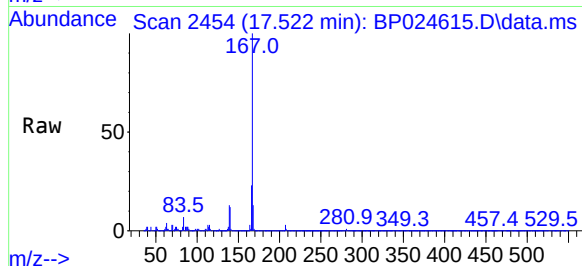
Tgt Ion:178 Resp: 145809
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 14.8 12.2 18.2





#73
Carbazole
Concen: 4.56 ng
RT: 17.522 min Scan# 2454
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

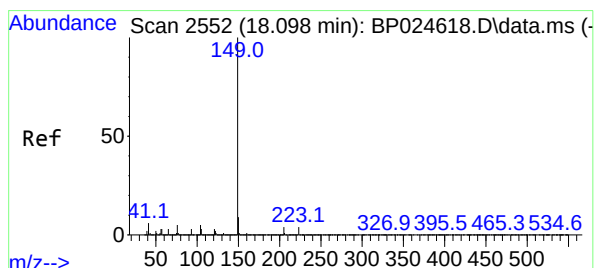
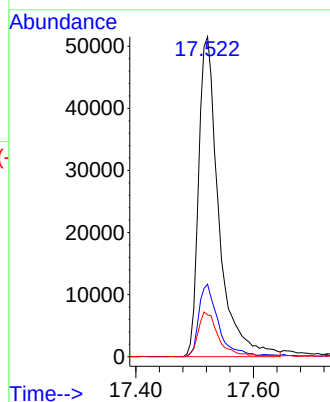
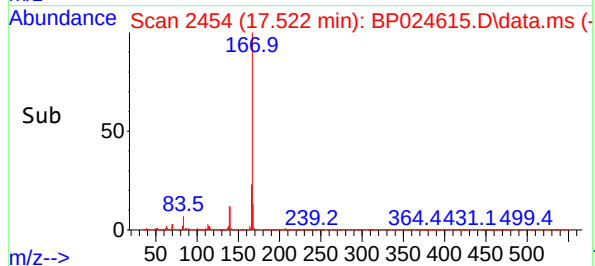
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



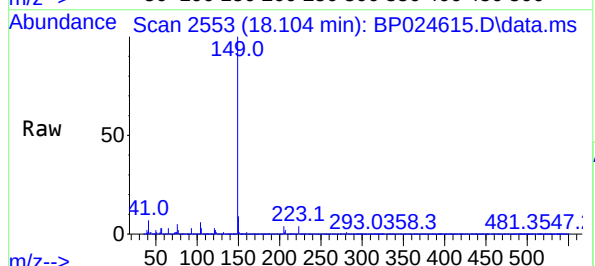
Tgt Ion:167 Resp: 122660
Ion Ratio Lower Upper
167 100
166 22.6 17.7 26.5
139 13.1 11.3 16.9

Manual Integrations
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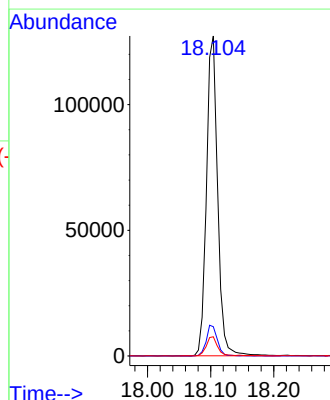
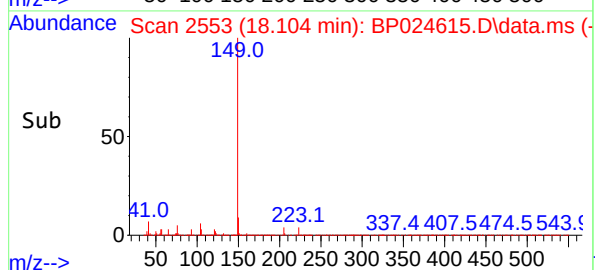
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

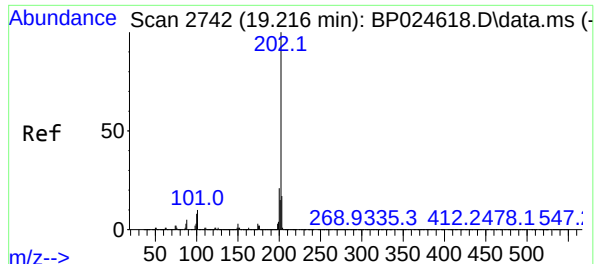


#74
Di-n-butylphthalate
Concen: 4.54 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



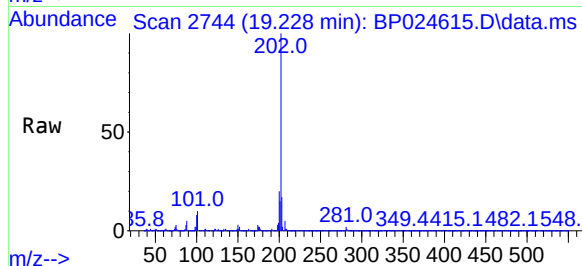
Tgt Ion:149 Resp: 157014
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 6.0 4.3 6.5





#75
Fluoranthene
Concen: 4.89 ng
RT: 19.228 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

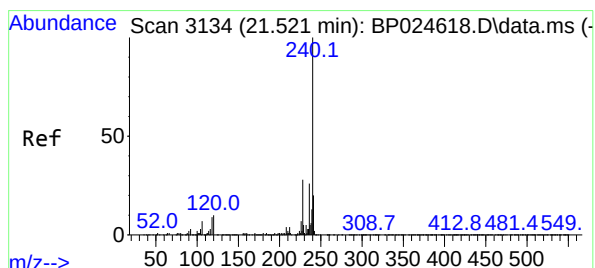
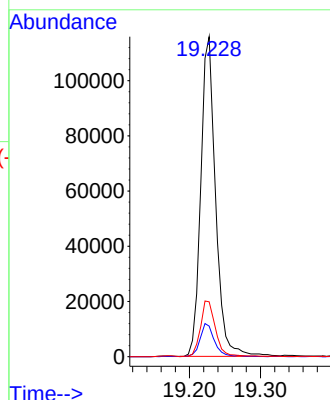
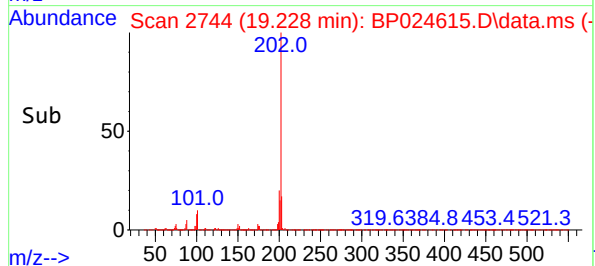
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:202 Resp: 16886
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.3
203 17.2 0.0 37.5

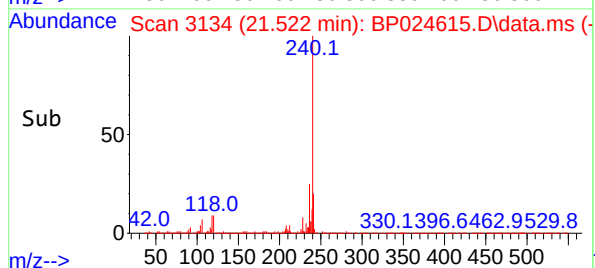
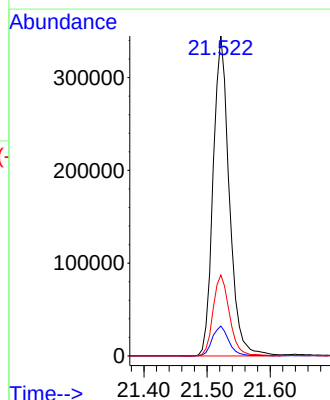
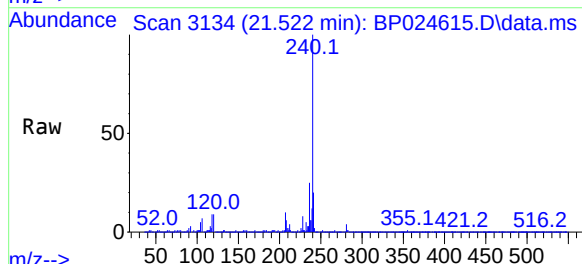
Manual Integrations
APPROVED

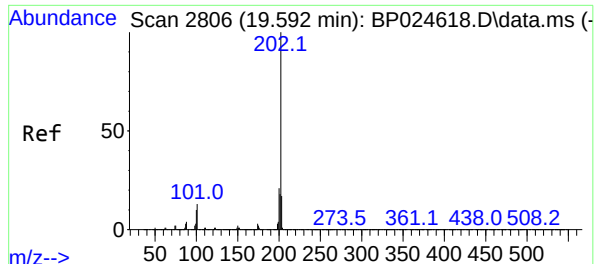
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:240 Resp: 614288
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.3 20.6 31.0





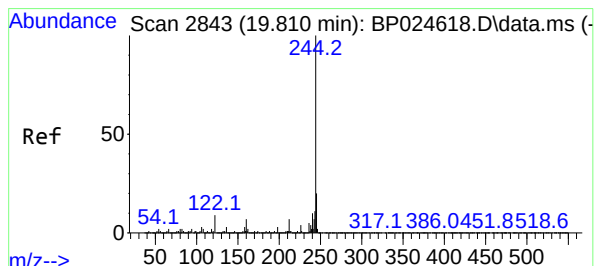
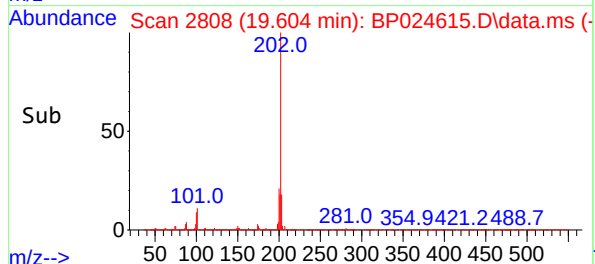
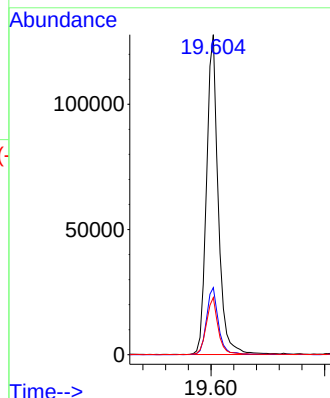
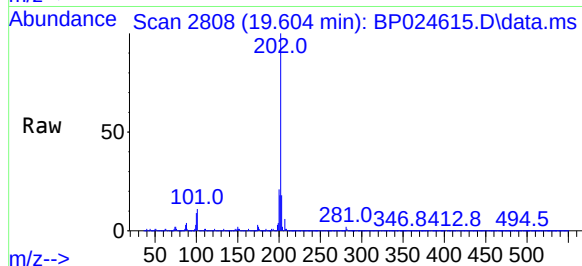
#78
Pyrene
Concen: 4.94 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 18181
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.8 13.9 20.9

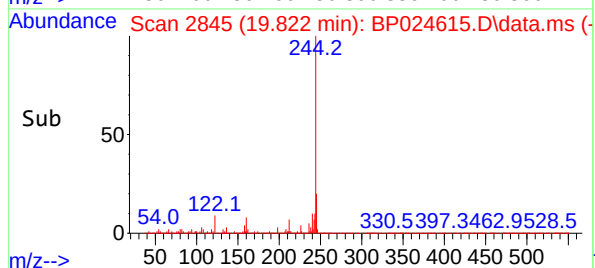
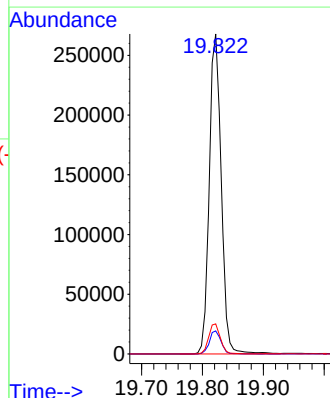
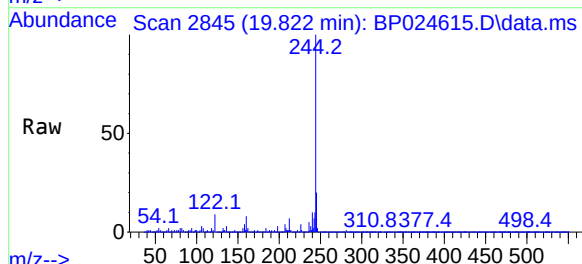
Manual Integrations
APPROVED

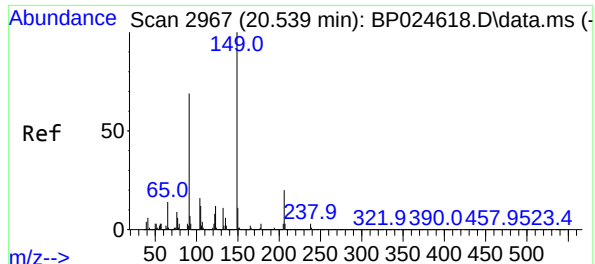
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#79
Terphenyl-d14
Concen: 10.22 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:244 Resp: 366245
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.4 7.4 11.0





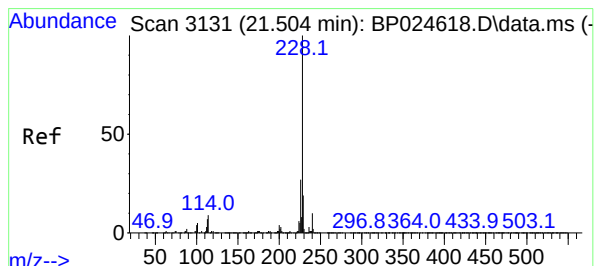
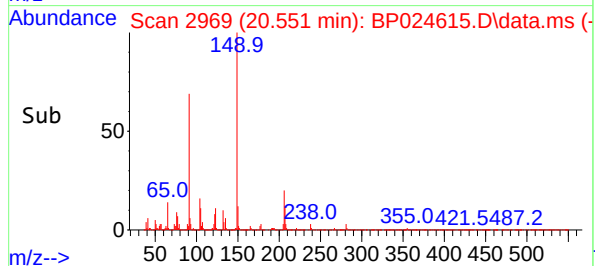
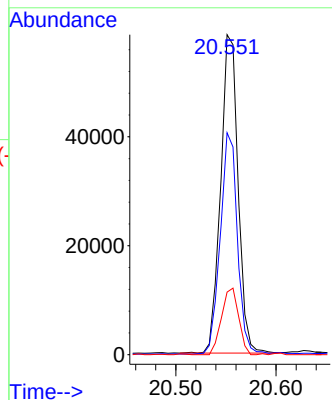
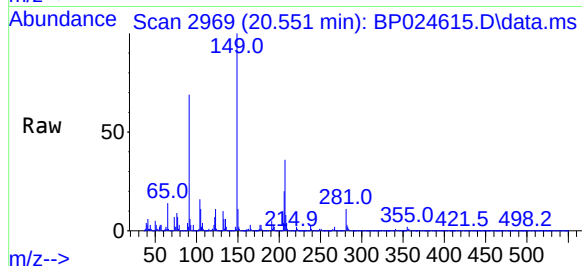
#80
Butylbenzylphthalate
Concen: 4.30 ng
RT: 20.551 min Scan# 2967
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 7034
Ion Ratio Lower Upper
149 100
91 69.3 55.4 83.0
206 19.5 16.2 24.2

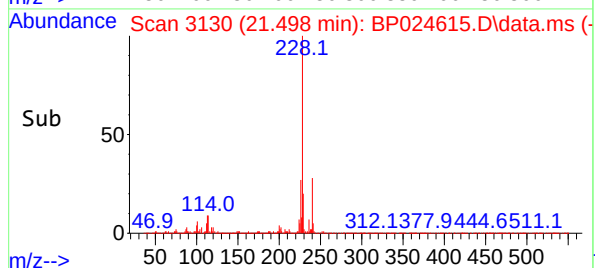
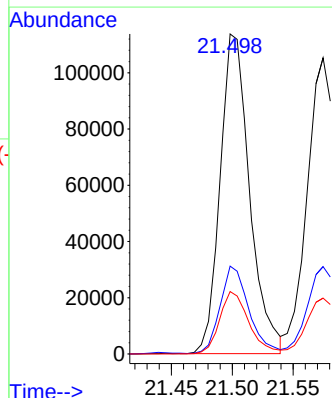
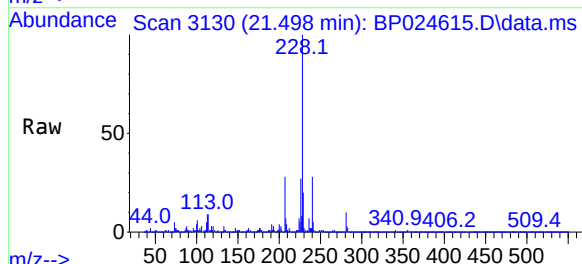
Manual Integrations
APPROVED

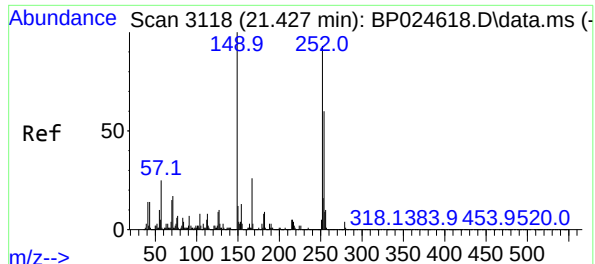
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#81
Benzo(a)anthracene
Concen: 4.98 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:228 Resp: 192110
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.5 15.5 23.3





#82

3,3'-Dichlorobenzidine

Concen: 3.82 ng

RT: 21.445 min Scan# 3118

Delta R.T. 0.018 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 5479

Ion Ratio Lower Upper

252 100

254 64.0 51.8 77.6

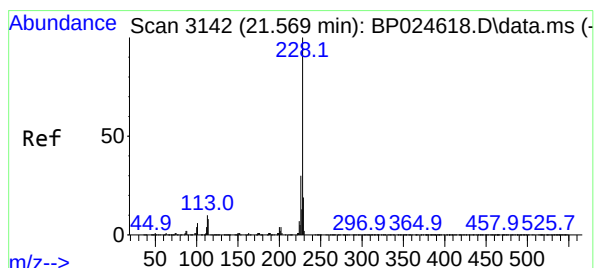
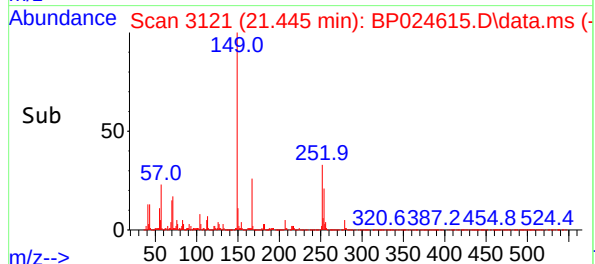
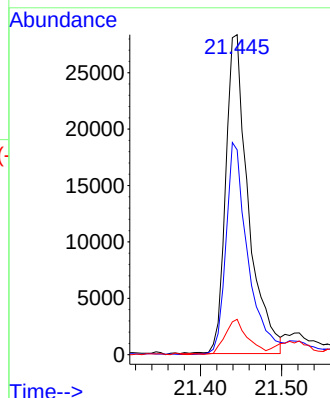
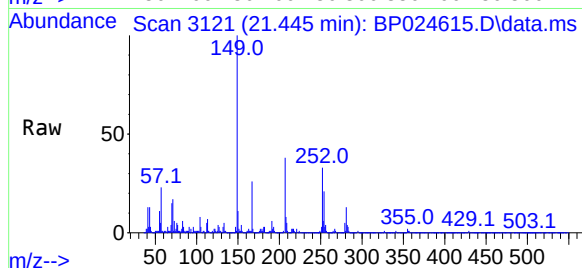
126 11.0 7.7 11.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#83

Chrysene

Concen: 5.10 ng

RT: 21.575 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

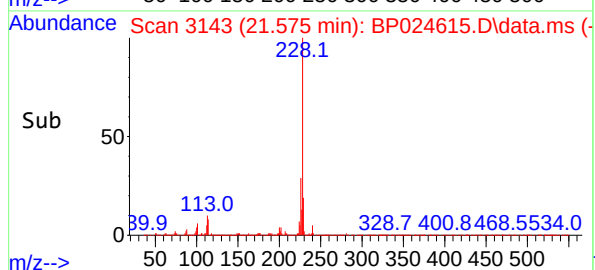
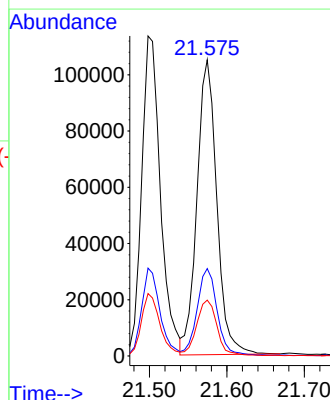
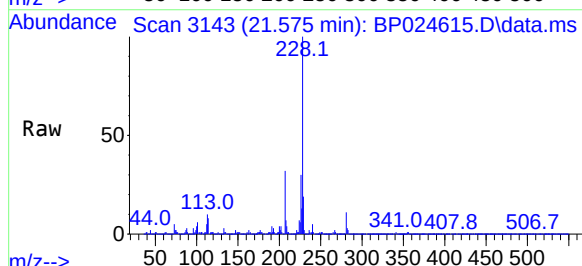
Tgt Ion:228 Resp: 186449

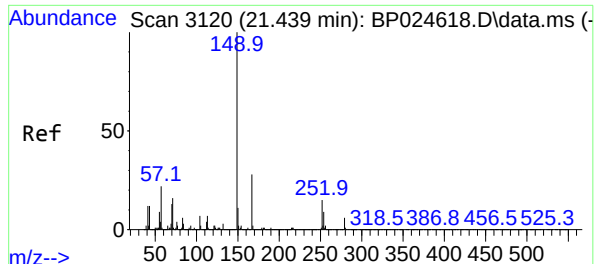
Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

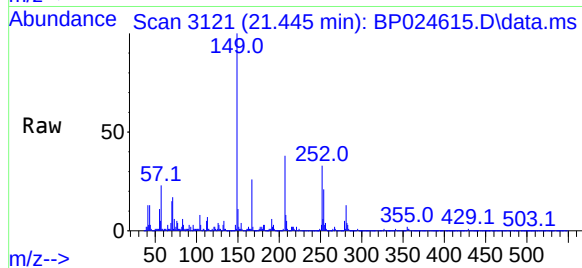
229 18.9 15.5 23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.29 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

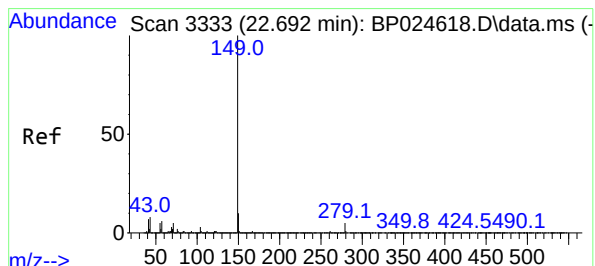
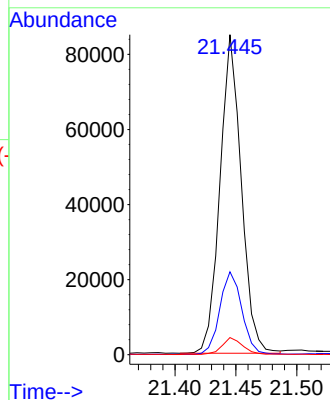
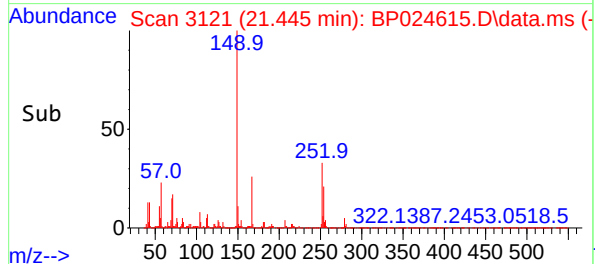
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 103280
Ion Ratio Lower Upper
149 100
167 25.9 22.1 33.1
279 5.4 4.6 6.8

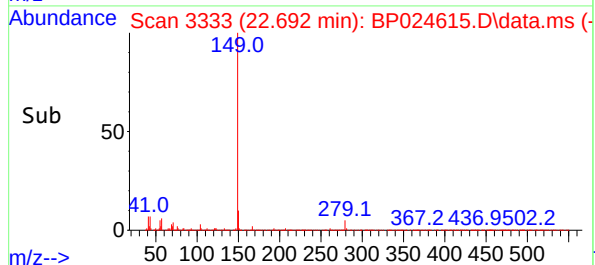
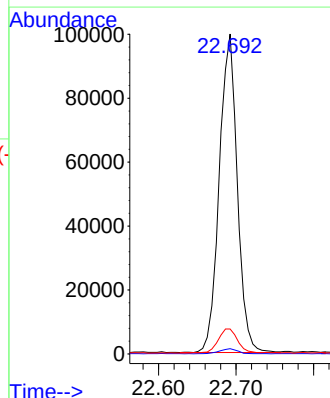
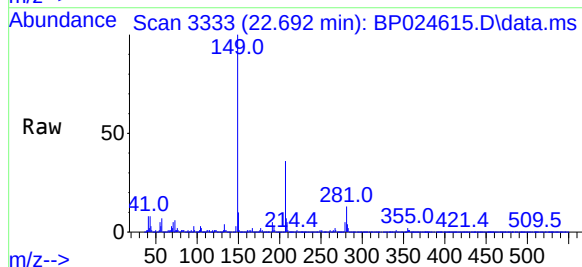
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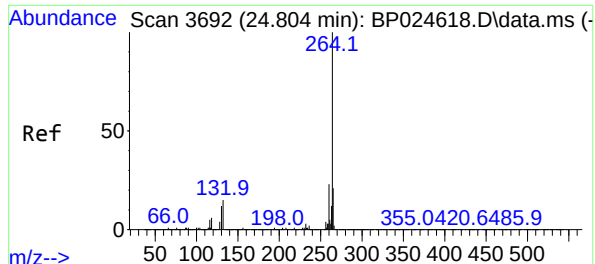
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#85
Di-n-octyl phthalate
Concen: 4.09 ng
RT: 22.692 min Scan# 3333
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

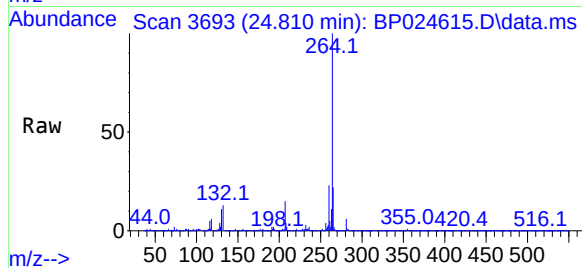
Tgt Ion:149 Resp: 160883
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.2 6.3 9.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

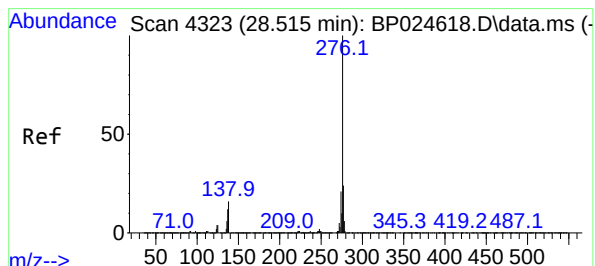
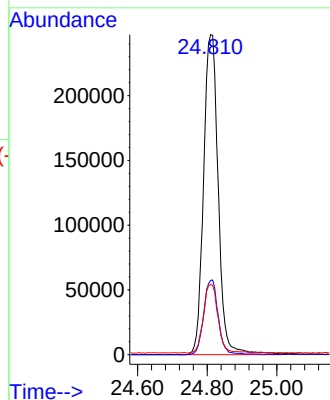
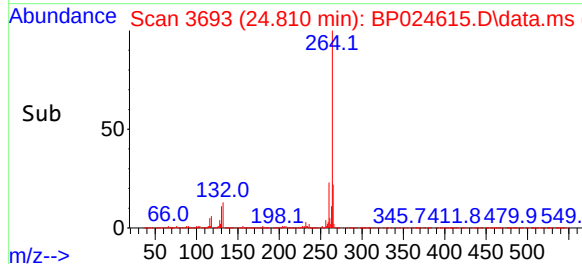
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 264 Resp: 724260
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 22.0 17.0 25.6

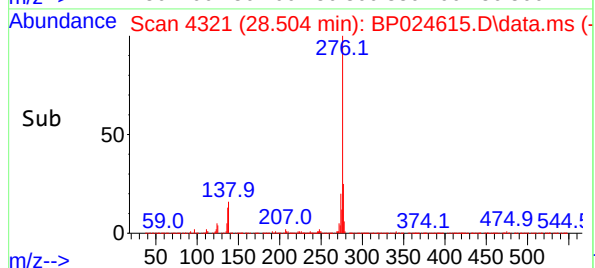
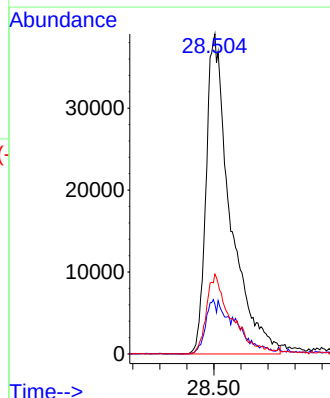
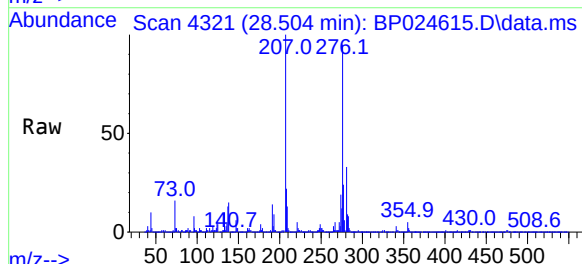
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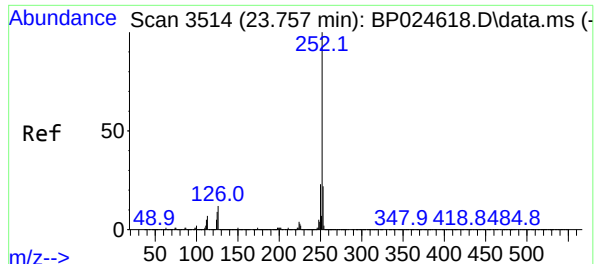
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng
RT: 28.504 min Scan# 4321
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

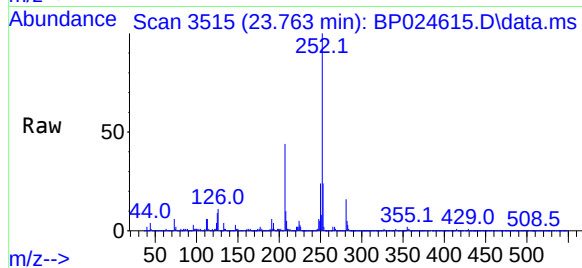
Tgt Ion: 276 Resp: 242814
Ion Ratio Lower Upper
276 100
138 7.4 11.2 16.8#
277 24.4 15.7 23.5#





#88
Benzo(b)fluoranthene
Concen: 4.49 ng
RT: 23.763 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

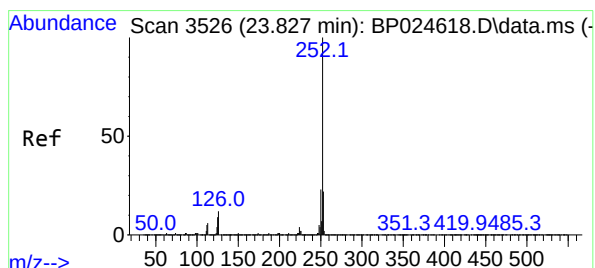
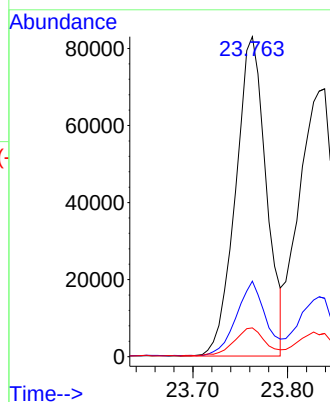
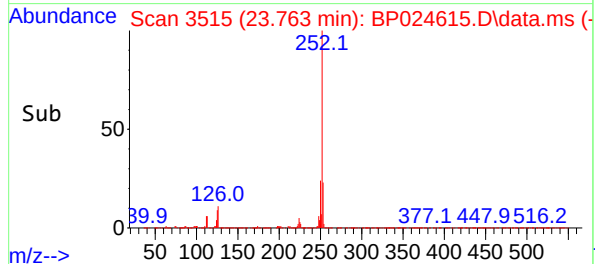
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 186058
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 9.0 7.5 11.3

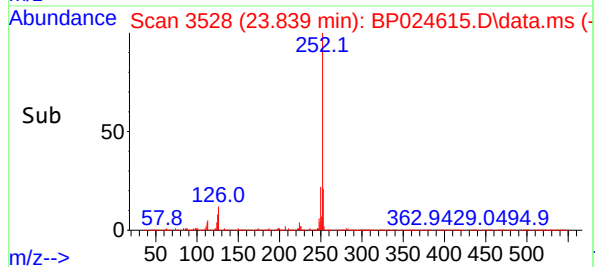
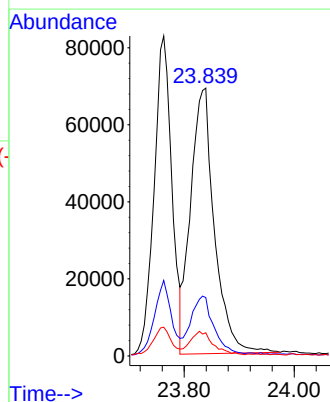
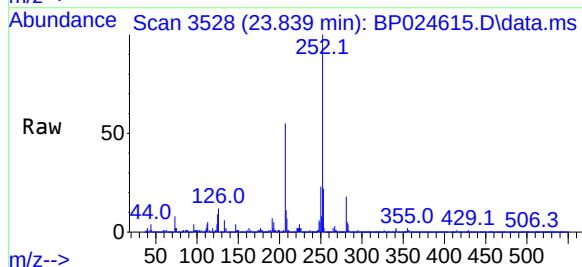
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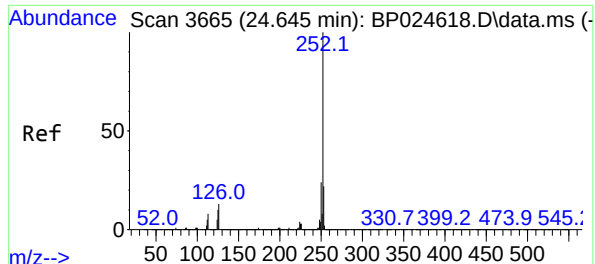
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#89
Benzo(k)fluoranthene
Concen: 4.86 ng
RT: 23.839 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:252 Resp: 207645
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.7 7.0 10.4





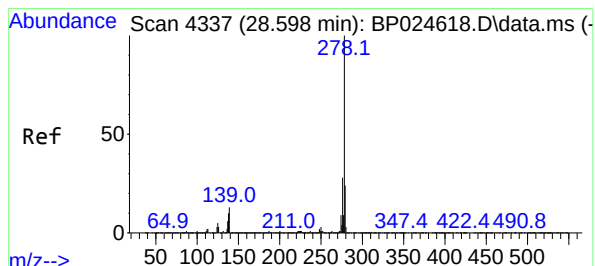
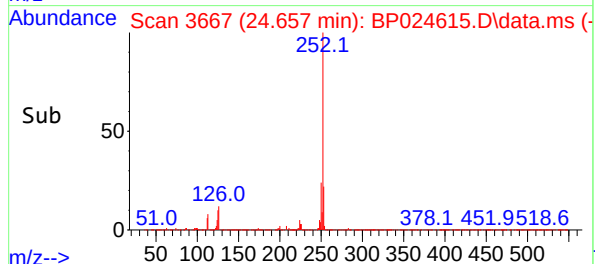
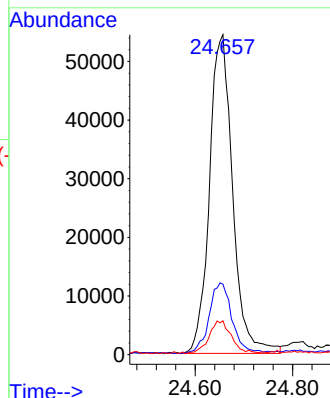
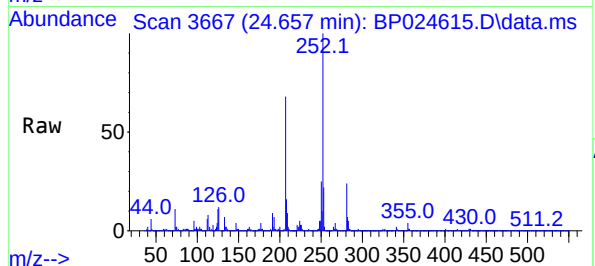
#90
Benzo(a)pyrene
Concen: 4.52 ng
RT: 24.657 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 18015
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.6 8.1 12.1

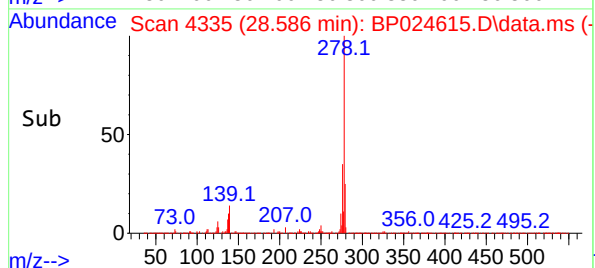
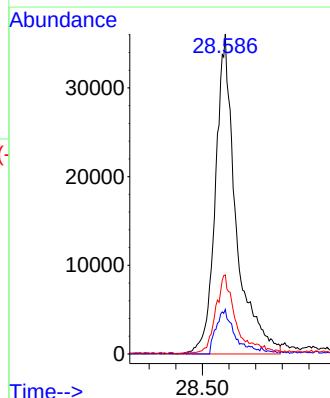
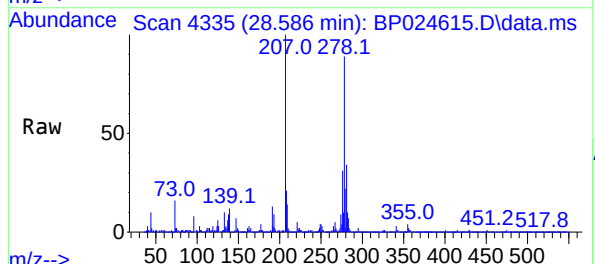
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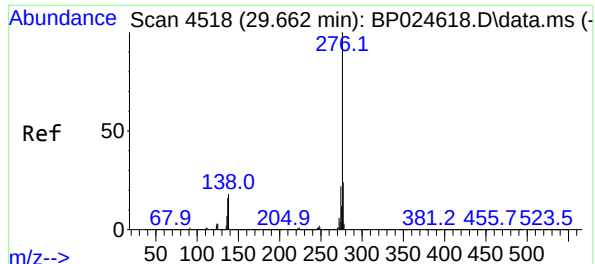
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#91
Dibenzo(a,h)anthracene
Concen: 4.50 ng
RT: 28.586 min Scan# 4335
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:278 Resp: 193373
Ion Ratio Lower Upper
278 100
139 13.9 10.2 15.4
279 24.7 19.0 28.4





#92

Benzo(g,h,i)perylene

Concen: 4.66 ng

RT: 29.651 min Scan# 4516

Delta R.T. -0.012 min

Lab File: BP024615.D

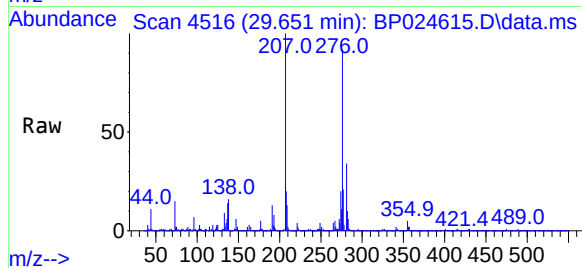
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



Tgt Ion:276 Resp: 19936

Ion Ratio Lower Upper

276 100

277 22.7 19.0 28.4

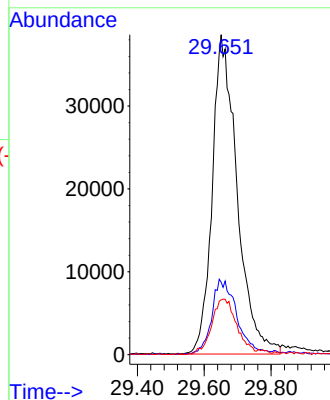
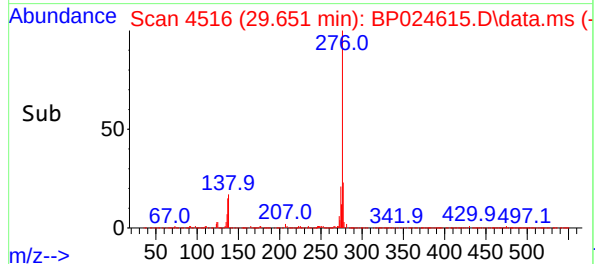
138 17.2 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024616.D
 Acq On : 13 May 2025 12:03
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:04:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	94972	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	398657	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	268335	20.00	ng	-0.01
64) Phenanthrene-d10	17.098	188	556673	20.00	ng	0.00
76) Chrysene-d12	21.516	240	659092	20.00	ng	0.00
86) Perylene-d12	24.798	264	780142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	104115	18.75	ng	0.00
7) Phenol-d6	6.858	99	127652	18.01	ng	0.00
23) Nitrobenzene-d5	8.810	82	149876	19.00	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	86099	18.93	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	401986	19.63	ng	0.00
79) Terphenyl-d14	19.822	244	733687	19.09	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	26472	10.15	ng	99
3) Pyridine	3.634	79	53915	9.33	ng	98
4) n-Nitrosodimethylamine	3.540	42	24093	9.44	ng	# 96
6) Aniline	7.005	93	80863	8.84	ng	99
8) 2-Chlorophenol	7.240	128	57182	9.07	ng	99
9) Benzaldehyde	6.822	77	47848m	10.45	ng	
10) Phenol	6.881	94	66520	9.09	ng	96
11) bis(2-Chloroethyl)ether	7.093	93	55575	9.25	ng	99
12) 1,3-Dichlorobenzene	7.557	146	70590	9.73	ng	100
13) 1,4-Dichlorobenzene	7.699	146	71467	9.80	ng	99
14) 1,2-Dichlorobenzene	8.010	146	69643	9.80	ng	96
15) Benzyl Alcohol	7.916	79	45094	8.37	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	68599	9.53	ng	98
17) 2-Methylphenol	8.116	107	45071	8.59	ng	96
18) Hexachloroethane	8.728	117	28078	10.05	ng	96
19) n-Nitroso-di-n-propyla...	8.463	70	45927	9.37	ng	96
20) 3+4-Methylphenols	8.446	107	61832	8.66	ng	95
22) Acetophenone	8.481	105	95803	9.62	ng	# 99
24) Nitrobenzene	8.857	77	67735	9.76	ng	98
25) Isophorone	9.375	82	127474	9.31	ng	99
26) 2-Nitrophenol	9.563	139	28470	8.37	ng	94
27) 2,4-Dimethylphenol	9.628	122	55664	9.28	ng	98
28) bis(2-Chloroethoxy)met...	9.851	93	78019	9.54	ng	97
29) 2,4-Dichlorophenol	10.110	162	51386	8.84	ng	98
30) 1,2,4-Trichlorobenzene	10.304	180	64245	9.81	ng	96
31) Naphthalene	10.481	128	204468	9.90	ng	99
32) Benzoic acid	9.746	122	17770m	10.42	ng	
33) 4-Chloroaniline	10.610	127	73990	8.88	ng	99
34) Hexachlorobutadiene	10.769	225	42567	10.03	ng	97
35) Caprolactam	11.381	113	18245m	8.68	ng	
36) 4-Chloro-3-methylphenol	11.746	107	64857	9.15	ng	98
37) 2-Methylnaphthalene	12.098	142	130412	9.75	ng	100
38) 1-Methylnaphthalene	12.316	142	139573	9.75	ng	100
40) 1,2,4,5-Tetrachloroben...	12.475	216	74824	9.60	ng	100
41) Hexachlorocyclopentadiene	12.451	237	37072	7.85	ng	98
43) 2,4,6-Trichlorophenol	12.722	196	45798	9.07	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024616.D
 Acq On : 13 May 2025 12:03
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:04:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	50348	8.96	ng	94
46) 1,1'-Biphenyl	13.122	154	192445	9.70	ng	100
47) 2-Chloronaphthalene	13.163	162	148443	9.82	ng	99
48) 2-Nitroaniline	13.375	65	40786	9.11	ng	93
49) Acenaphthylene	14.010	152	243913	9.64	ng	98
50) Dimethylphthalate	13.751	163	204825	10.01	ng	99
51) 2,6-Dinitrotoluene	13.869	165	41257	9.55	ng	92
52) Acenaphthene	14.357	154	141360	9.72	ng	99
53) 3-Nitroaniline	14.216	138	36906	8.37	ng	99
54) 2,4-Dinitrophenol	14.439	184	13128	10.84	ng	95
55) Dibenzofuran	14.704	168	230286	9.92	ng	99
56) 4-Nitrophenol	14.575	139	21349	9.53	ng	93
57) 2,4-Dinitrotoluene	14.675	165	56617	9.30	ng	94
58) Fluorene	15.357	166	189781	10.03	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	48821	9.37	ng	99
60) Diethylphthalate	15.134	149	206886	10.01	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	93517	9.91	ng	97
62) 4-Nitroaniline	15.404	138	34813m	8.11	ng	
63) Azobenzene	15.657	77	174322	9.86	ng	98
65) 4,6-Dinitro-2-methylph...	15.457	198	26174	7.28	ng	96
66) n-Nitrosodiphenylamine	15.575	169	164008	9.59	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	62011	9.45	ng	97
68) Hexachlorobenzene	16.392	284	80088	9.61	ng	98
69) Atrazine	16.551	200	58245	9.30	ng	99
70) Pentachlorophenol	16.757	266	38095m	8.14	ng	
71) Phenanthrene	17.139	178	301863	9.75	ng	100
72) Anthracene	17.239	178	296146	9.51	ng	100
73) Carbazole	17.522	167	262687	9.32	ng	100
74) Di-n-butylphthalate	18.116	149	338893	9.35	ng	100
75) Fluoranthene	19.227	202	349083	9.65	ng	99
77) Benzidine	19.445	184	119229m	6.59	ng	
78) Pyrene	19.604	202	374573	9.48	ng	100
80) Butylbenzylphthalate	20.551	149	153275	8.73	ng	99
81) Benzo(a)anthracene	21.498	228	401322	9.70	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	129324	8.41	ng	99
83) Chrysene	21.569	228	388846	9.91	ng	98
84) Bis(2-ethylhexyl)phtha...	21.439	149	225047	8.72	ng	100
85) Di-n-octyl phthalate	22.680	149	367934	8.72	ng	100
87) Indeno(1,2,3-cd)pyrene	28.503	276	529260	9.29	ng	# 92
88) Benzo(b)fluoranthene	23.751	252	417343	9.35	ng	99
89) Benzo(k)fluoranthene	23.821	252	431575	9.38	ng	99
90) Benzo(a)pyrene	24.627	252	390288	9.10	ng	100
91) Dibenzo(a,h)anthracene	28.574	278	415768	8.97	ng	99
92) Benzo(g,h,i)perylene	29.650	276	431559	9.37	ng	97

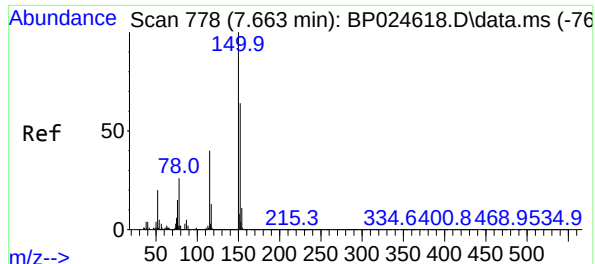
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

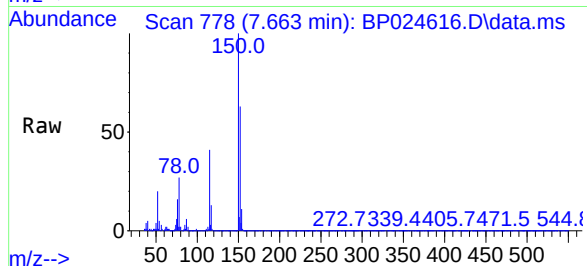
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

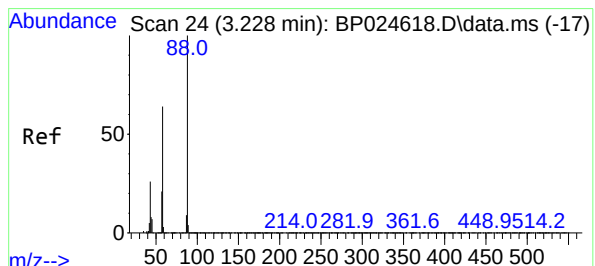
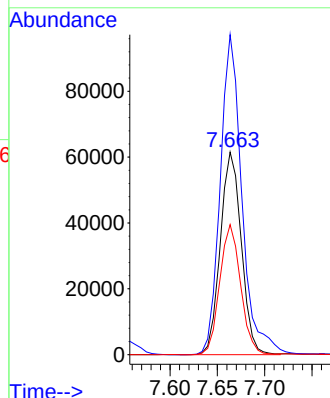
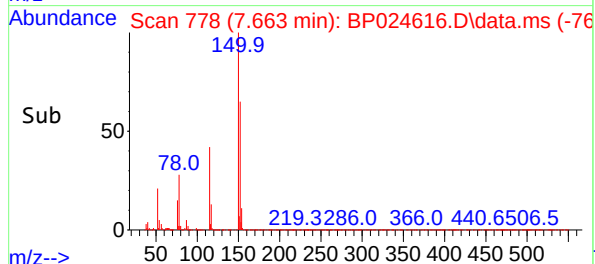
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 94972
Ion Ratio Lower Upper
152 100
150 158.0 125.9 188.9
115 64.2 50.1 75.1

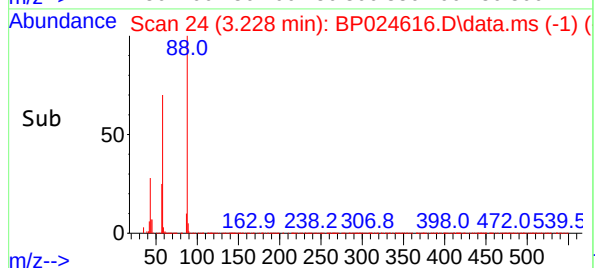
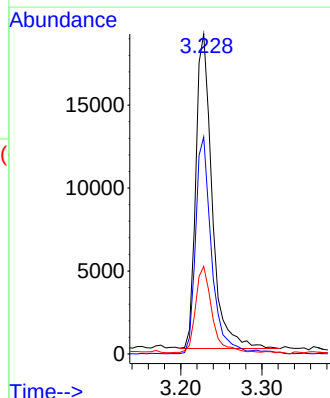
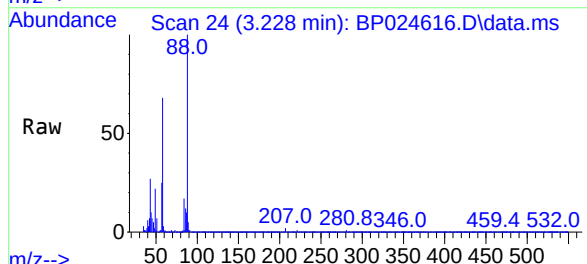
Manual Integrations
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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

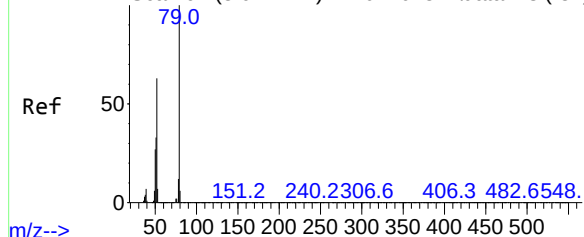


#2
1,4-Dioxane
Concen: 10.15 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 88 Resp: 26472
Ion Ratio Lower Upper
88 100
58 67.6 54.0 81.0
43 27.8 21.4 32.0



Abundance Scan 91 (3.622 min): BP024618.D\data.ms (-82)



#3

Pyridine

Concen: 9.33 ng

RT: 3.634 min Scan# 91

Delta R.T. 0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 5391

Ion Ratio Lower Upper

79 100

52 62.8 50.2 75.2

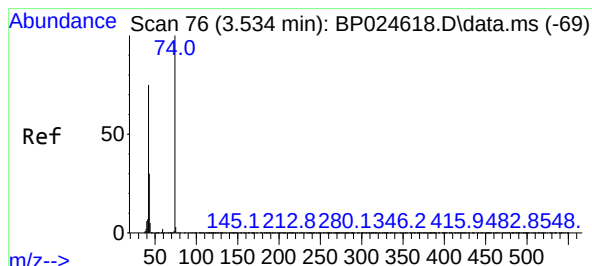
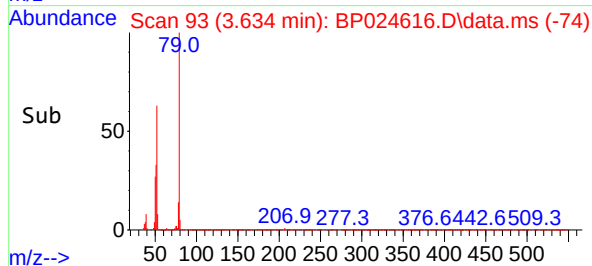
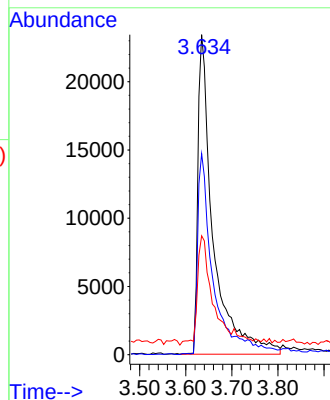
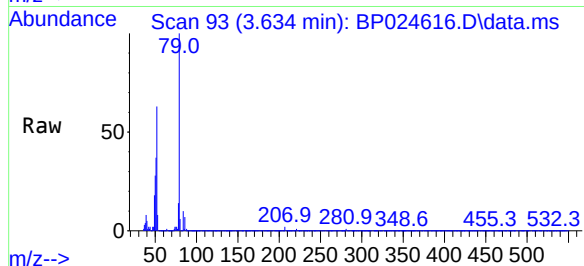
51 37.1 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#4

n-Nitrosodimethylamine

Concen: 9.44 ng

RT: 3.540 min Scan# 77

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

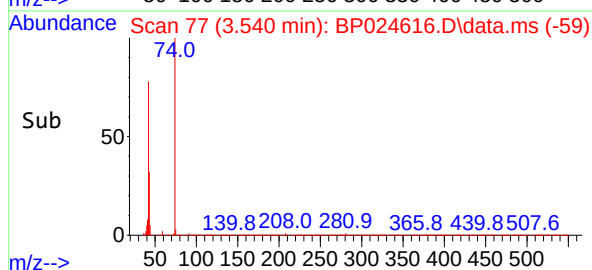
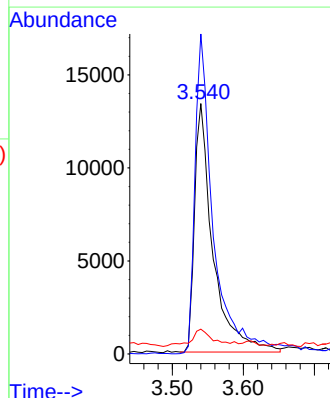
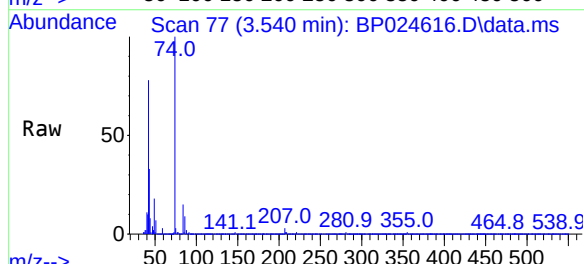
Tgt Ion: 42 Resp: 24093

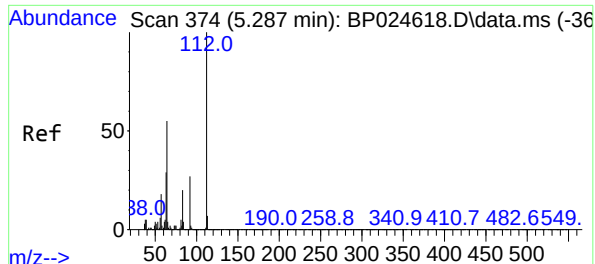
Ion Ratio Lower Upper

42 100

74 127.8 106.2 159.2

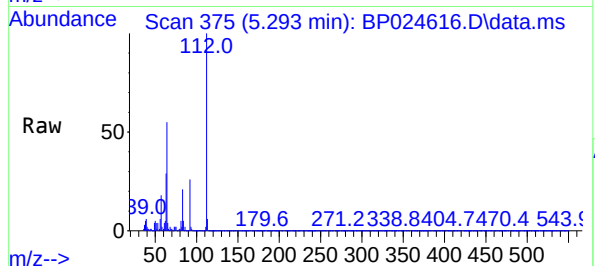
44 9.9 5.4 8.2





#5
2-Fluorophenol
Concen: 18.75 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

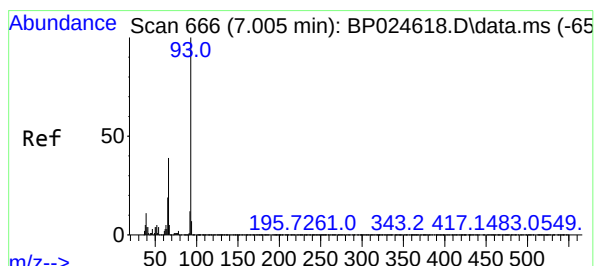
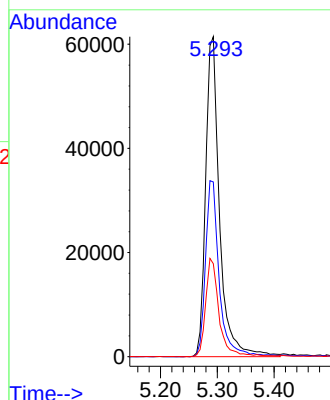
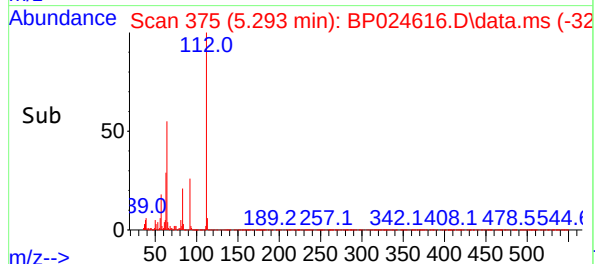
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 10411
Ion Ratio Lower Upper
112 100
64 54.6 44.1 66.1
63 29.0 23.5 35.3

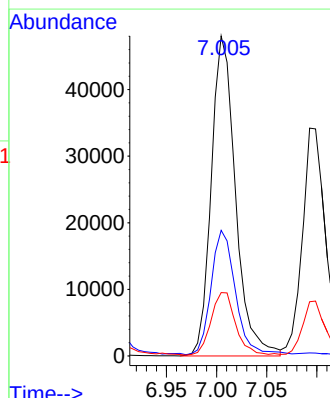
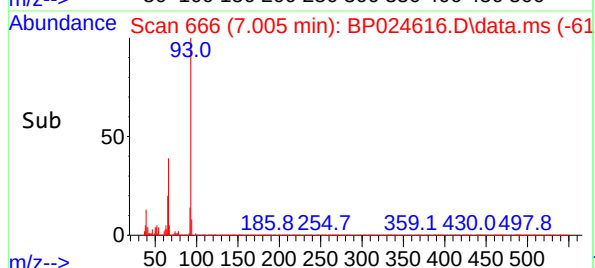
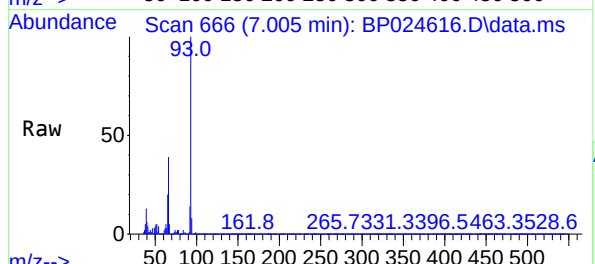
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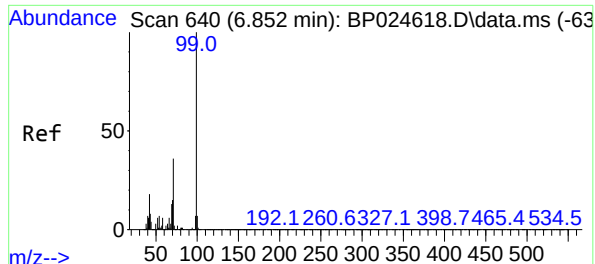
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 8.84 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

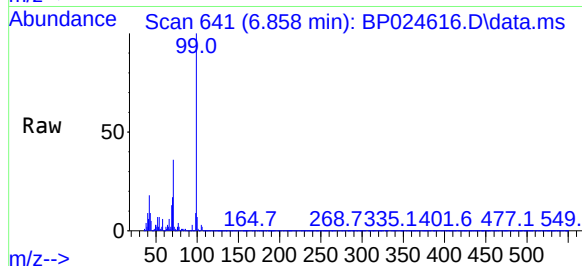
Tgt Ion: 93 Resp: 80863
Ion Ratio Lower Upper
93 100
66 39.2 31.0 46.6
65 19.8 15.5 23.3





#7
Phenol-d6
Concen: 18.01 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

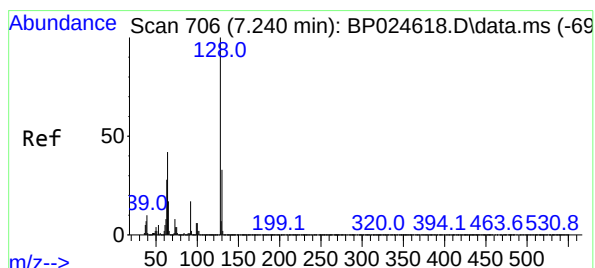
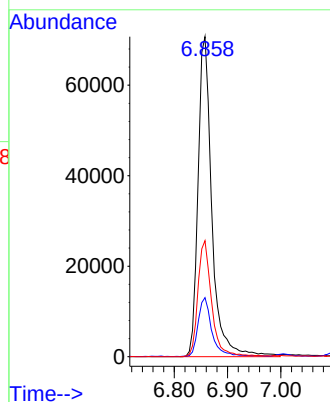
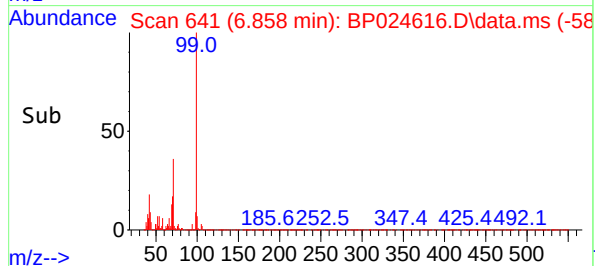
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 127652
Ion Ratio Lower Upper
99 100
42 18.4 14.4 21.6
71 36.3 29.2 43.8

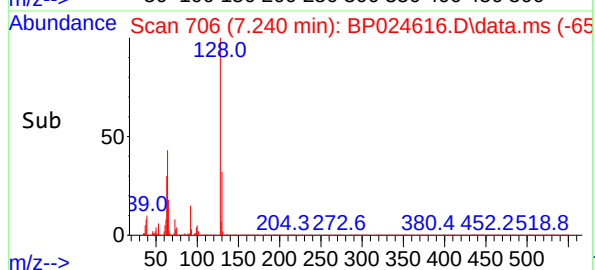
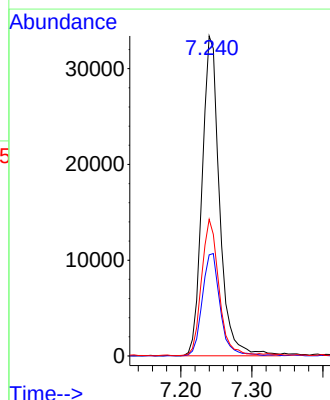
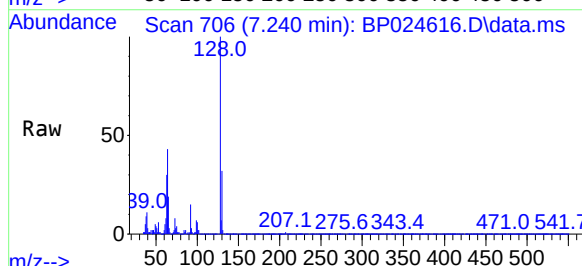
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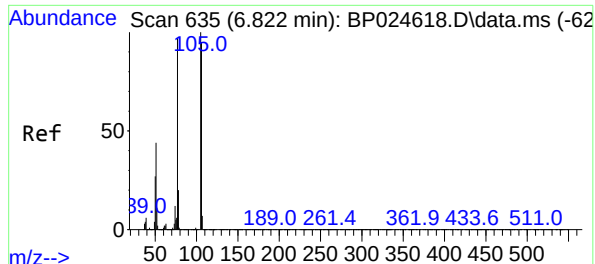
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#8
2-Chlorophenol
Concen: 9.07 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

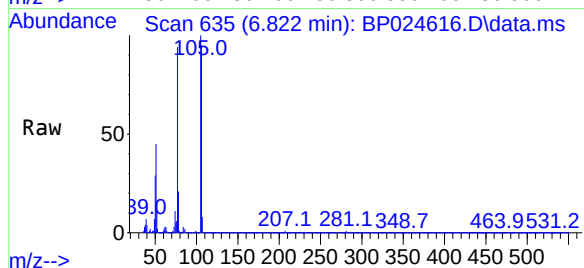
Tgt Ion:128 Resp: 57182
Ion Ratio Lower Upper
128 100
130 31.6 13.0 53.0
64 42.7 22.3 62.3





#9
Benzaldehyde
Concen: 10.45 ng m
RT: 6.822 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

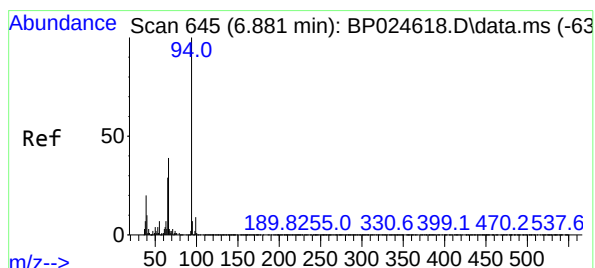
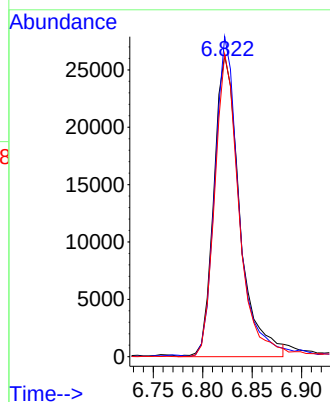
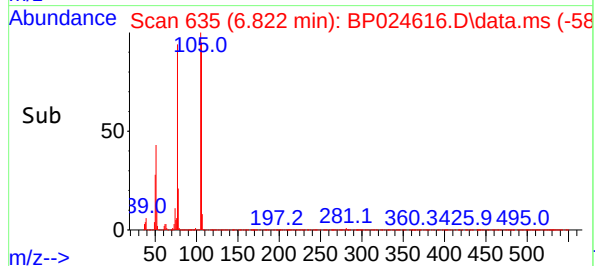
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 4784
Ion Ratio Lower Upper
77 100
105 106.2 83.3 123.3
106 100.5 78.0 118.0

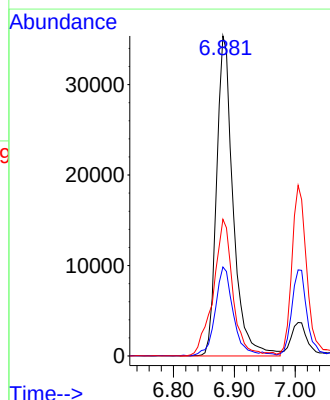
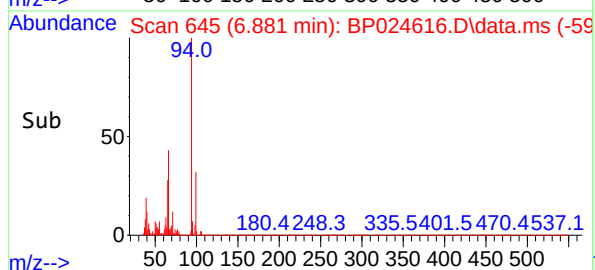
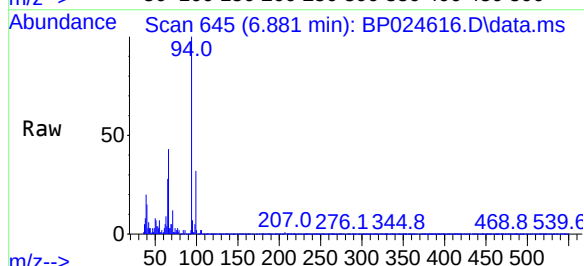
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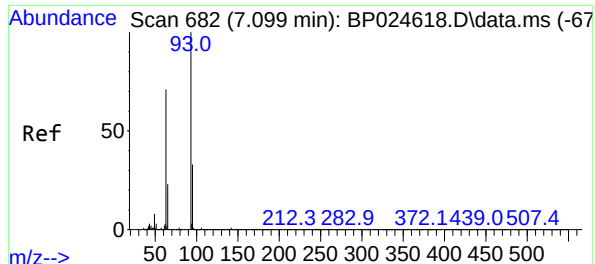
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#10
Phenol
Concen: 9.09 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 94 Resp: 66520
Ion Ratio Lower Upper
94 100
65 27.8 8.7 48.7
66 42.7 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 9.25 ng

RT: 7.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 5557

Ion Ratio Lower Upper

93 100

63 69.5 50.6 90.6

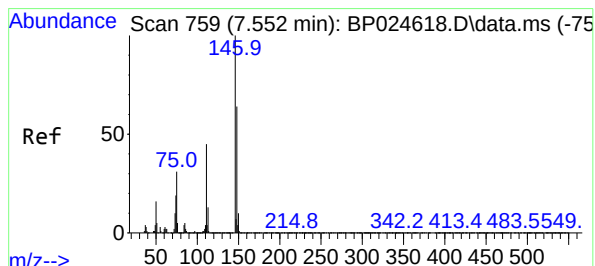
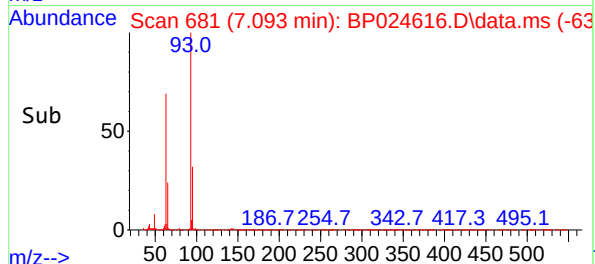
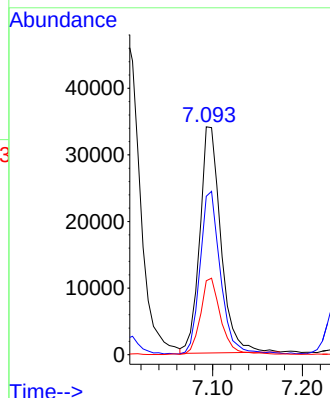
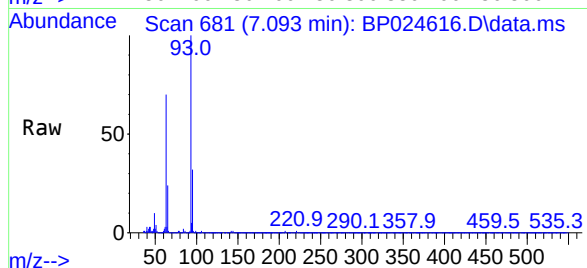
95 32.4 12.9 52.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#12

1,3-Dichlorobenzene

Concen: 9.73 ng

RT: 7.557 min Scan# 760

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

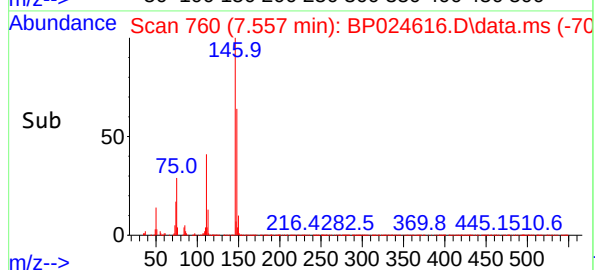
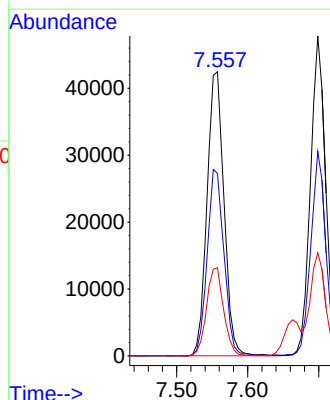
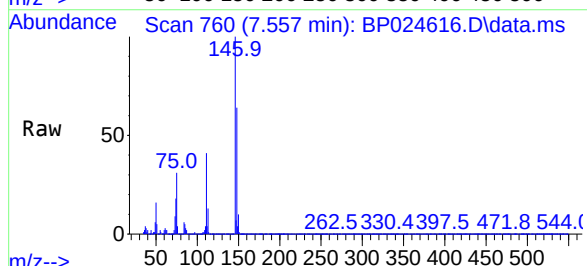
Tgt Ion:146 Resp: 70590

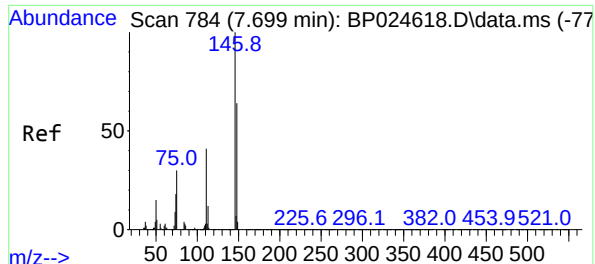
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

75 31.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 9.80 ng

RT: 7.699 min Scan# 7146

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

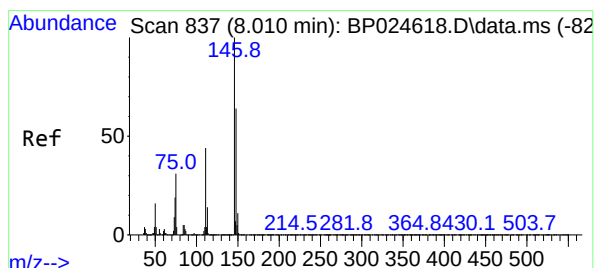
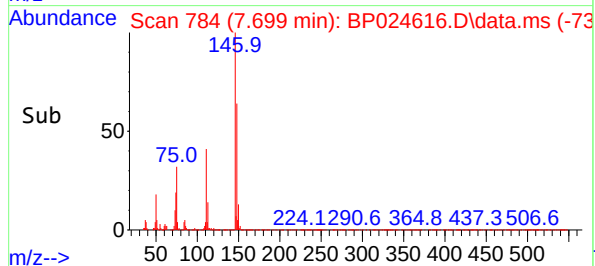
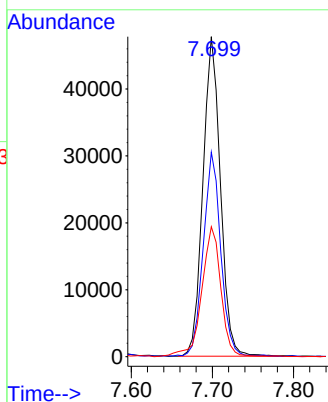
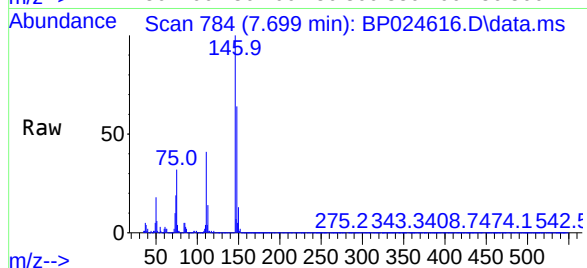
Tgt Ion:	146	Resp:	7146
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	40.6	33.0	49.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 9.80 ng

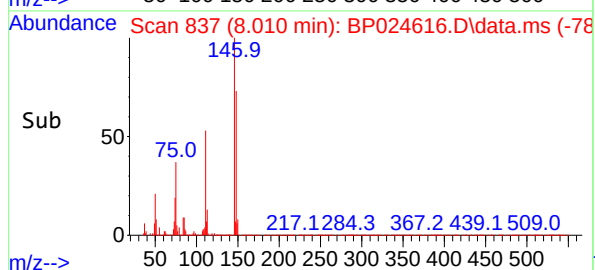
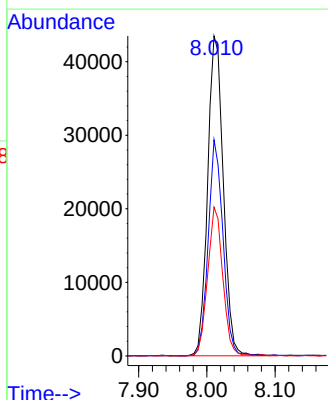
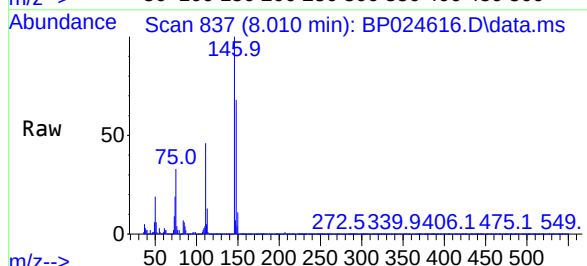
RT: 8.010 min Scan# 837

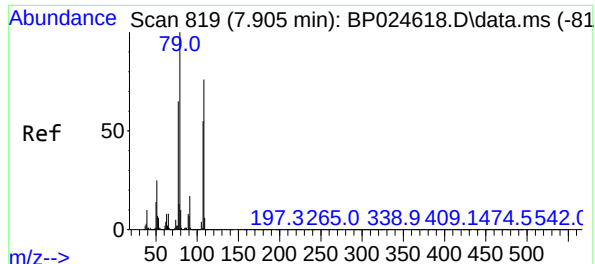
Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:	146	Resp:	69643
Ion	Ratio	Lower	Upper
146	100		
148	67.5	51.0	76.4
111	46.5	35.2	52.8





#15

Benzyl Alcohol

Concen: 8.37 ng

RT: 7.916 min Scan# 81

Delta R.T. 0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

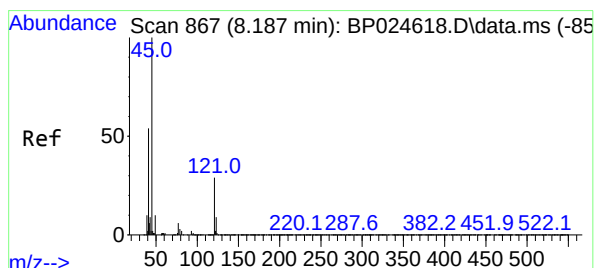
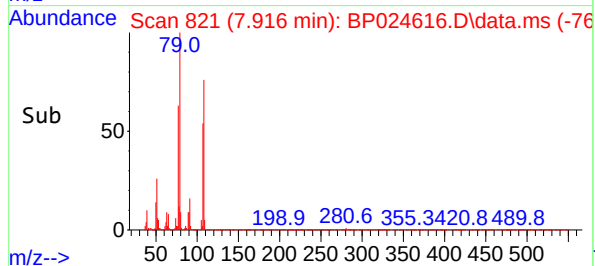
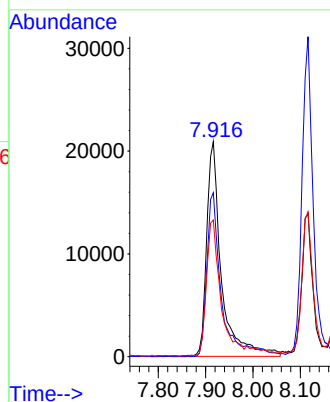
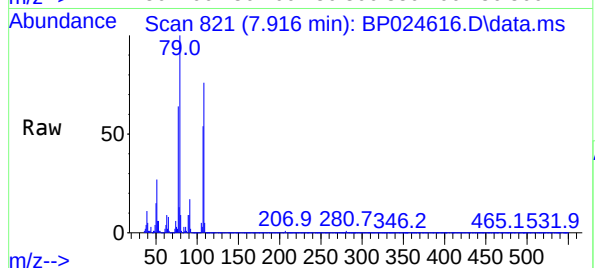
Tgt Ion:	79	Resp:	45094
Ion	Ratio	Lower	Upper
79	100		
108	76.3	60.8	91.2
77	63.5	51.9	77.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.53 ng

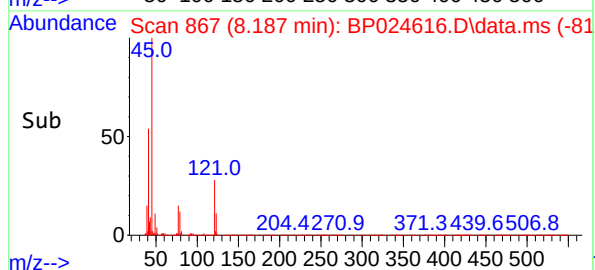
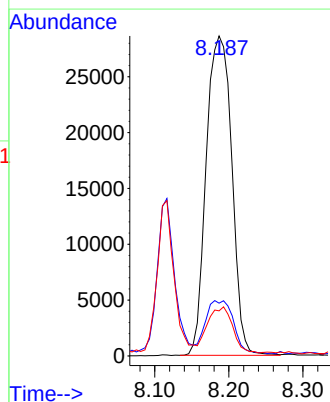
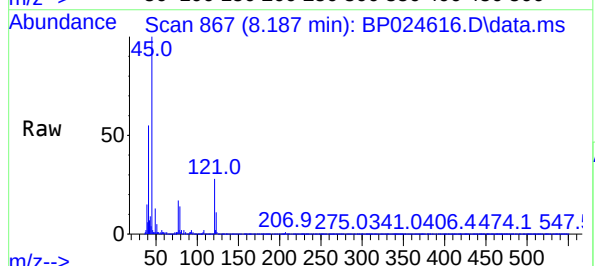
RT: 8.187 min Scan# 867

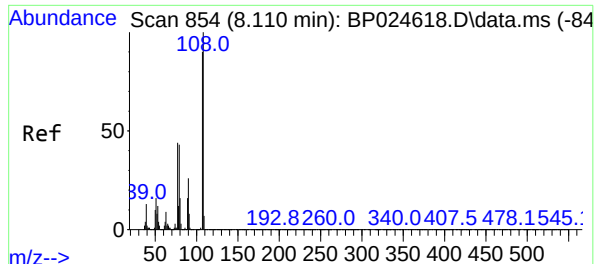
Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:	45	Resp:	68599
Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	37.7
79	14.1	0.0	34.0





#17

2-Methylphenol

Concen: 8.59 ng

RT: 8.116 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 4507

Ion Ratio Lower Upper

107 100

108 114.4 88.9 133.3

77 51.8 39.0 58.6

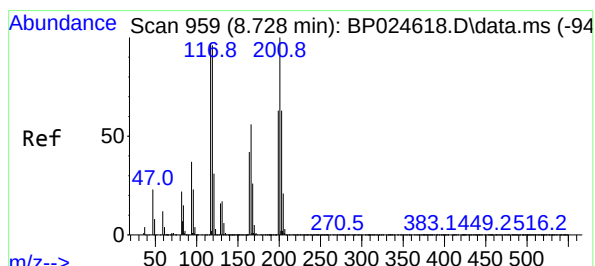
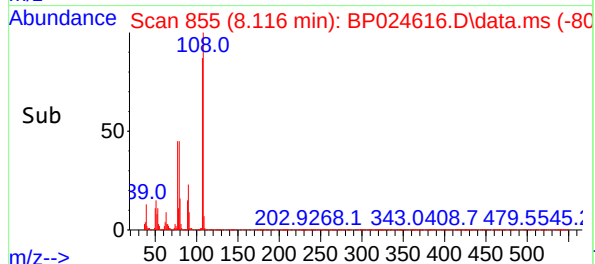
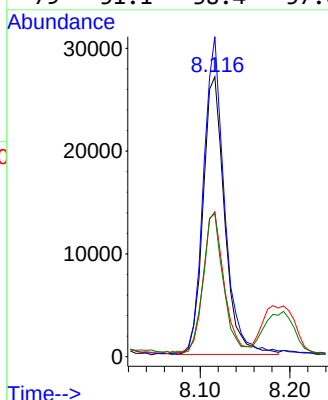
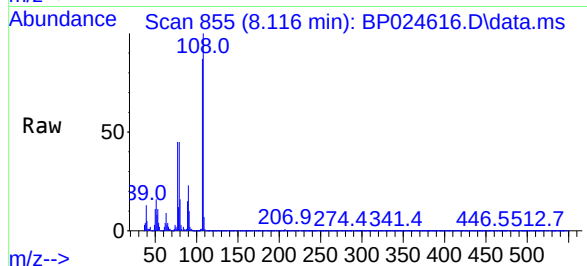
79 51.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 10.05 ng

RT: 8.728 min Scan# 959

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

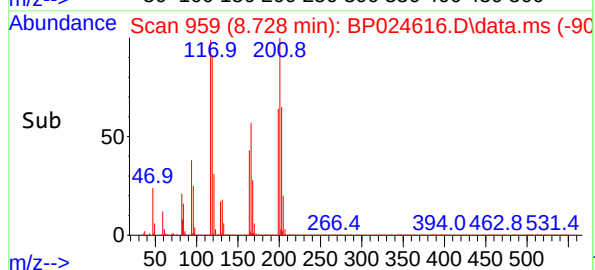
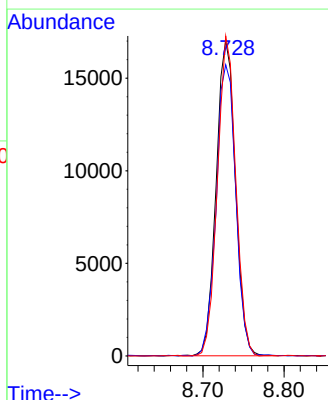
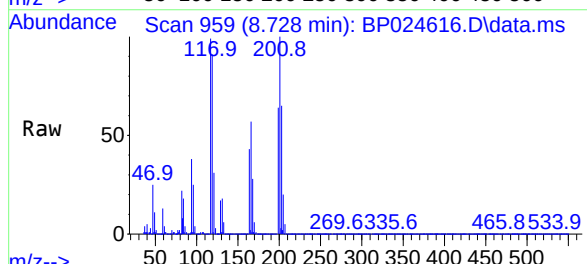
Tgt Ion:117 Resp: 28078

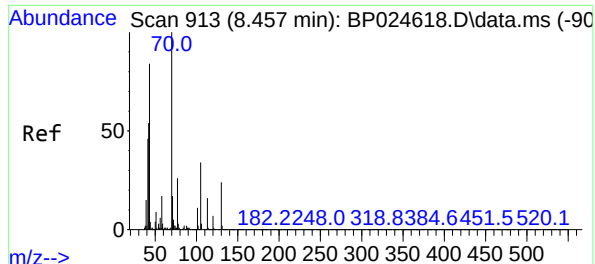
Ion Ratio Lower Upper

117 100

119 92.3 79.4 119.0

201 101.4 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 9.37 ng

RT: 8.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 4592

Ion Ratio Lower Upper

70 100

42 58.2 43.0 64.6

101 11.2 8.7 13.1

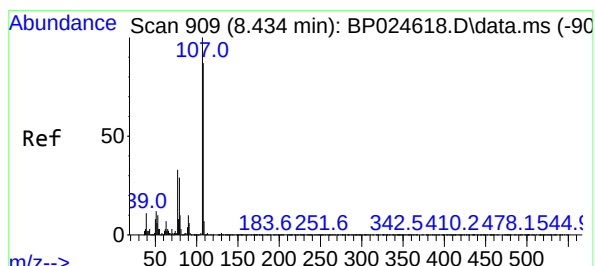
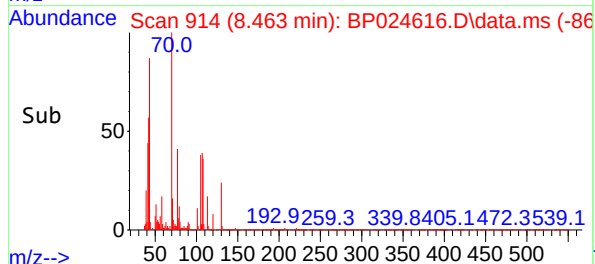
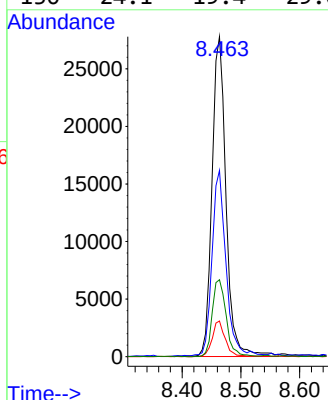
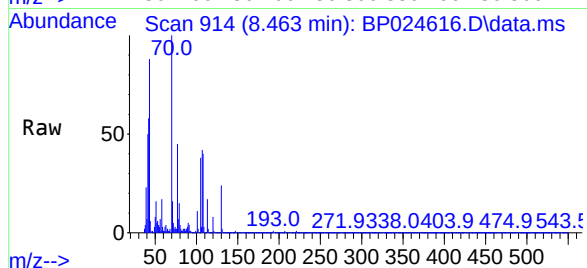
130 24.1 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 8.66 ng

RT: 8.446 min Scan# 911

Delta R.T. 0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 61832

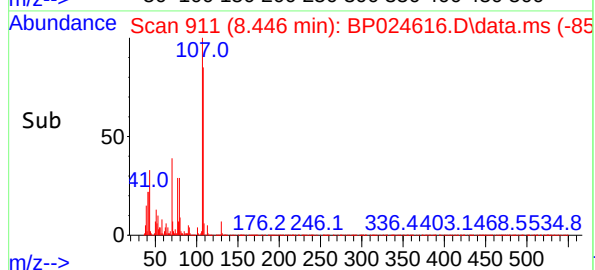
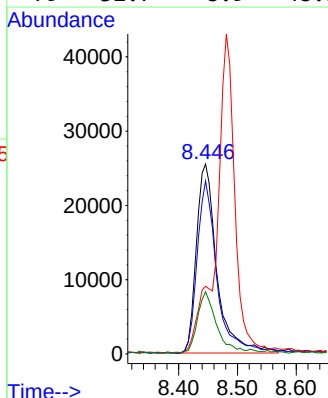
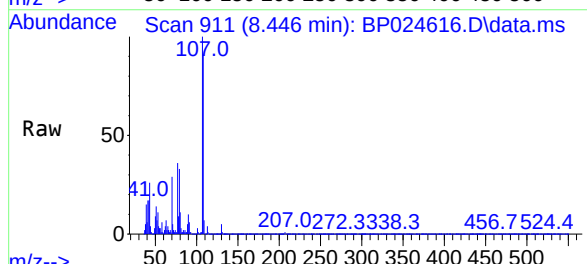
Ion Ratio Lower Upper

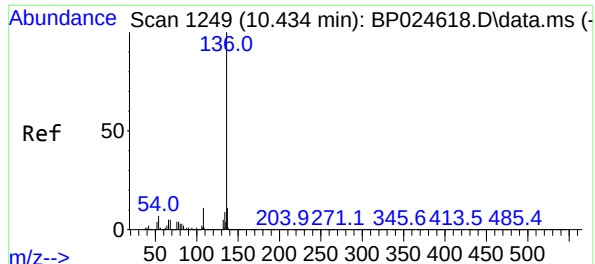
107 100

108 91.0 66.7 106.7

77 35.6 13.1 53.1

79 32.7 8.9 48.9





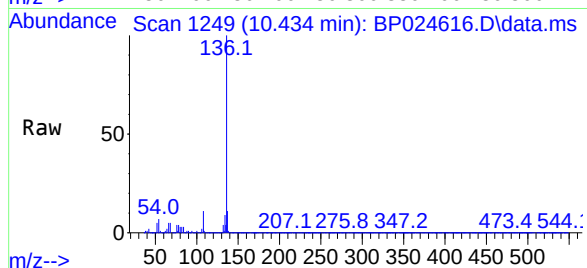
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

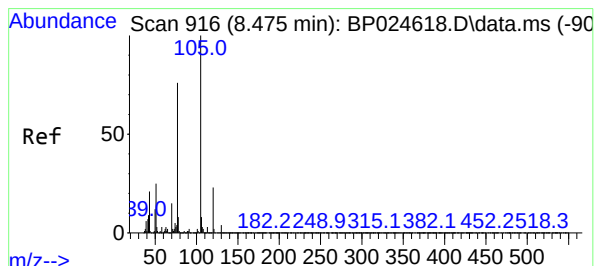
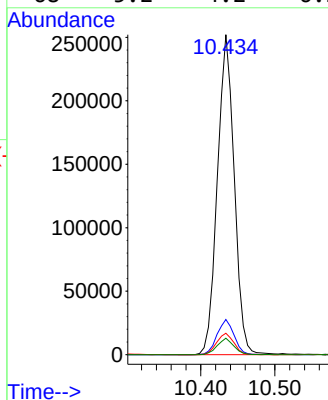
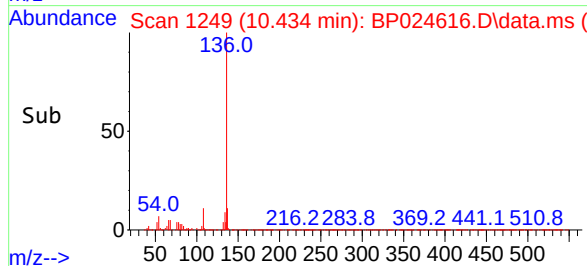


Tgt Ion:136 Resp: 39865
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.5 8.3
68 5.2 4.2 6.2

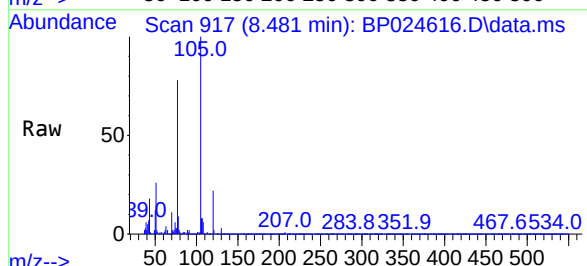
Manual Integrations

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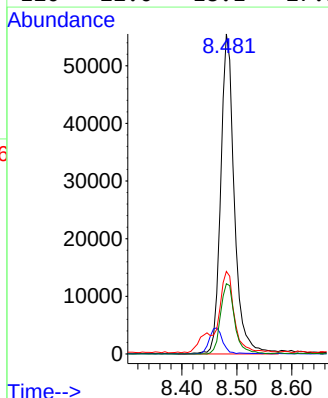
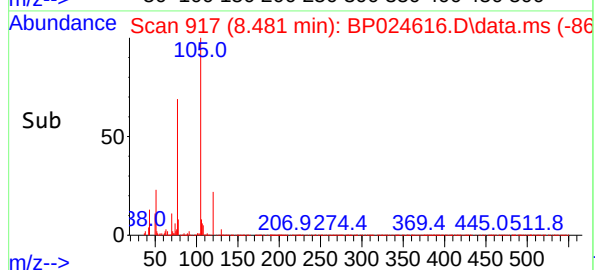
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

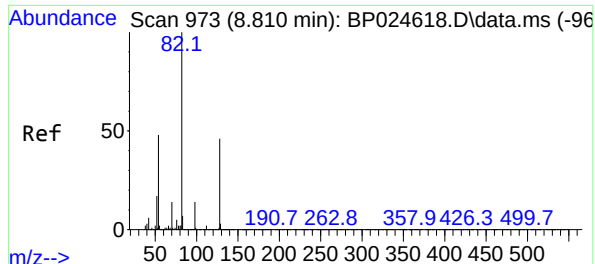


#22
Acetophenone
Concen: 9.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



Tgt Ion:105 Resp: 95803
Ion Ratio Lower Upper
105 100
71 1.9 2.0 3.0#
51 25.8 20.4 30.6
120 22.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 19.00 ng

RT: 8.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 149870

Ion Ratio Lower Upper

82 100

128 44.1 37.0 55.4

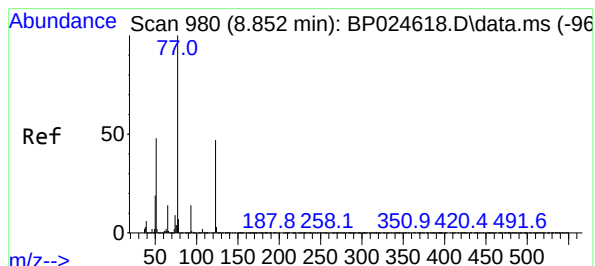
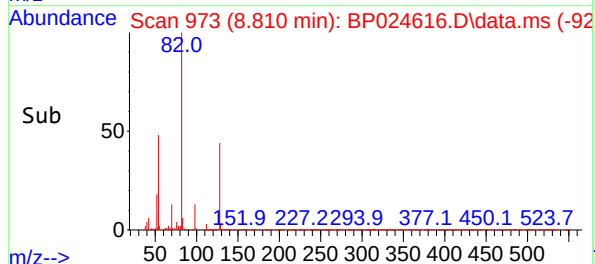
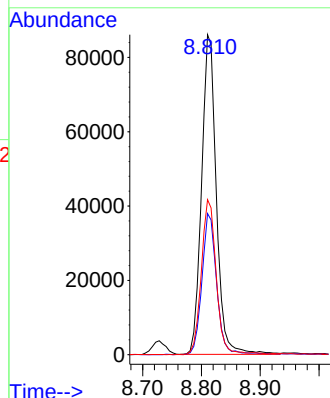
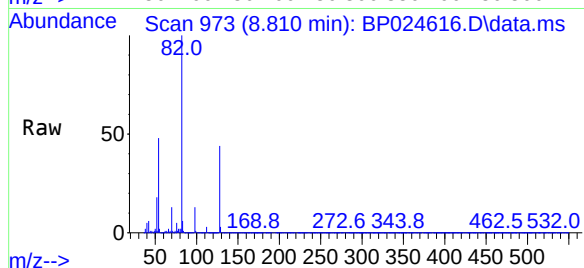
54 48.5 38.7 58.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#24

Nitrobenzene

Concen: 9.76 ng

RT: 8.857 min Scan# 981

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

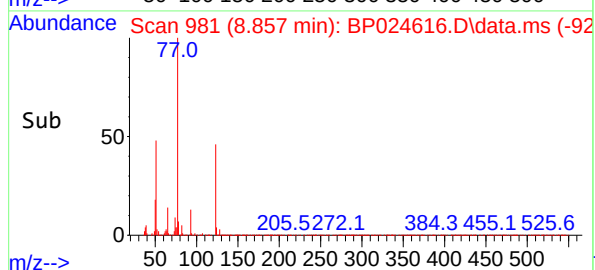
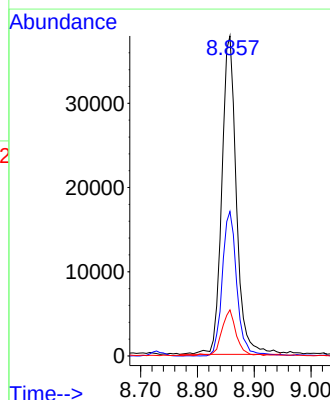
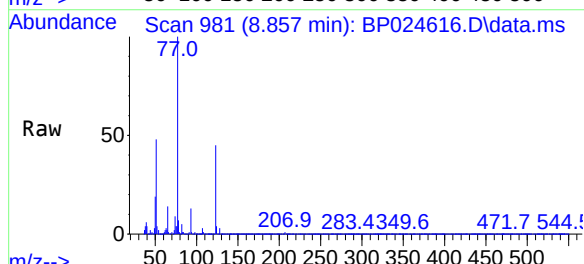
Tgt Ion: 77 Resp: 67735

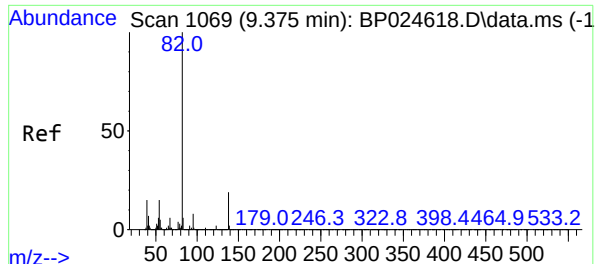
Ion Ratio Lower Upper

77 100

123 45.2 37.4 56.0

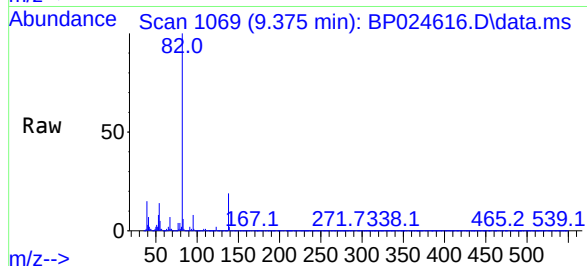
65 14.4 11.3 16.9





#25
Isophorone
Concen: 9.31 ng
RT: 9.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

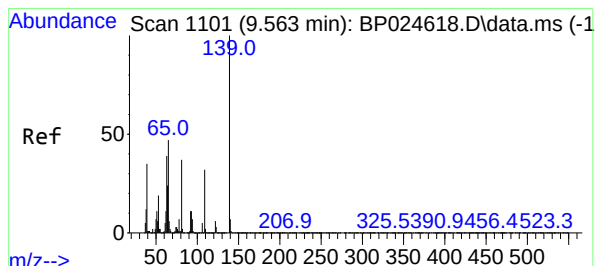
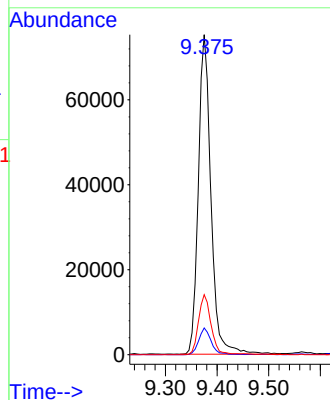
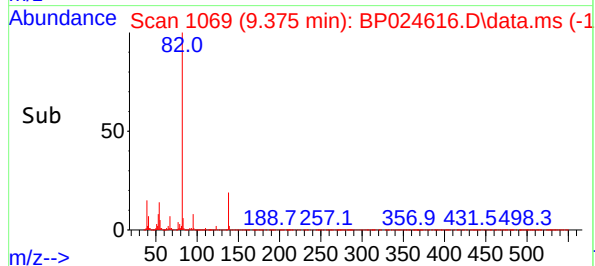
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 127474
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 18.7 15.3 22.9

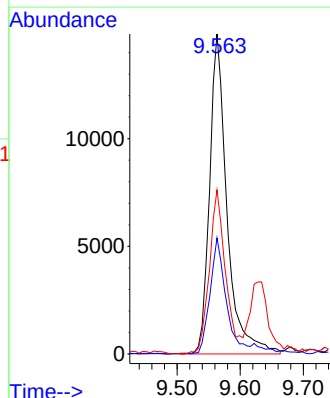
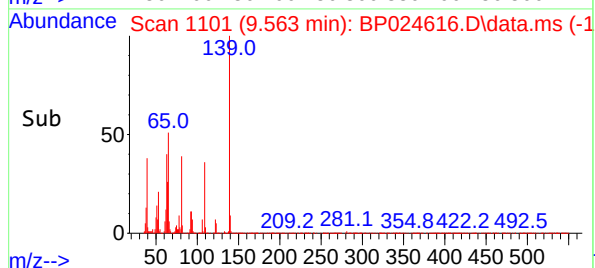
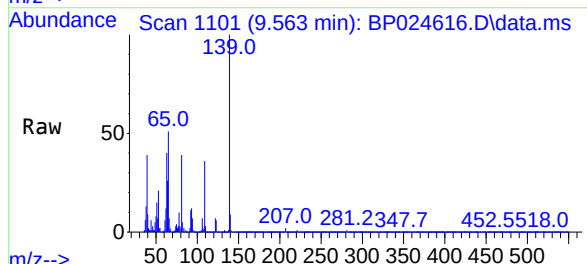
Manual Integrations
APPROVED

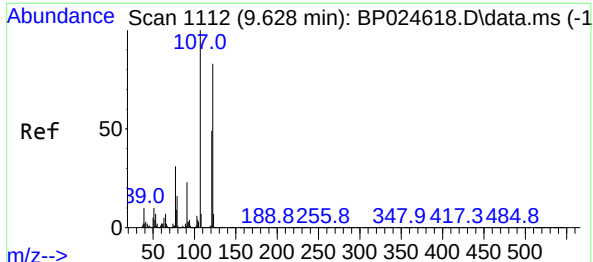
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 8.37 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:139 Resp: 28470
Ion Ratio Lower Upper
139 100
109 36.2 25.9 38.9
65 51.3 37.9 56.9





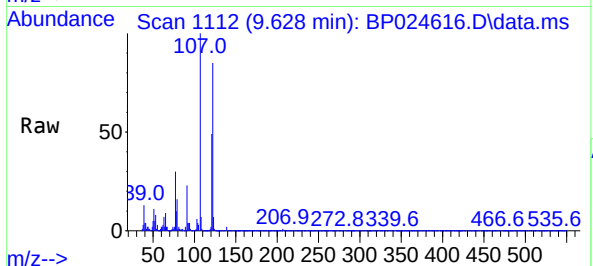
#27
2,4-Dimethylphenol
Concen: 9.28 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

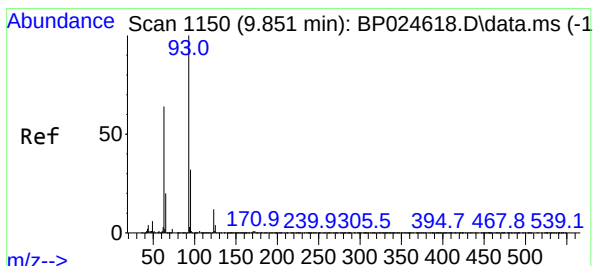
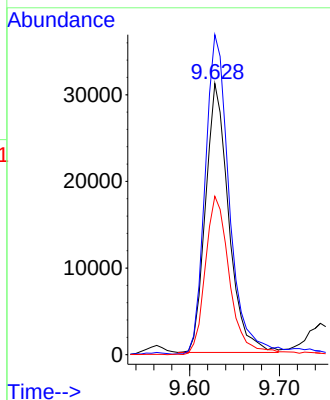
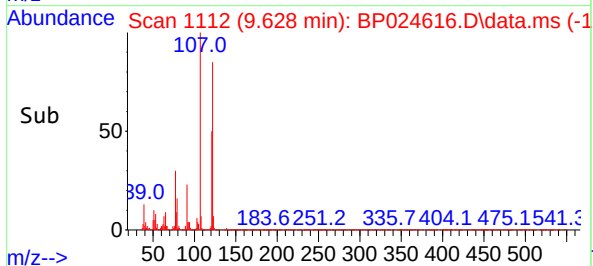


Tgt Ion: 122 Resp: 5566
Ion Ratio Lower Upper
122 100
107 118.0 96.2 144.2
121 58.4 47.6 71.4

Manual Integrations

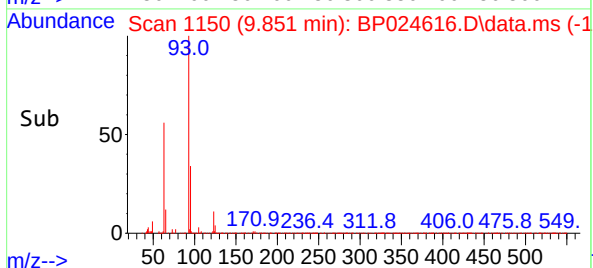
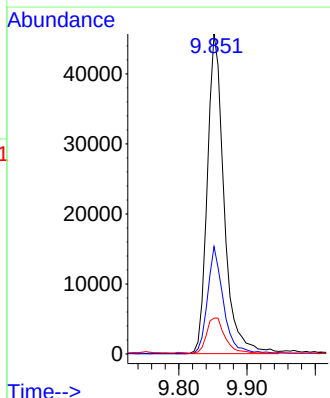
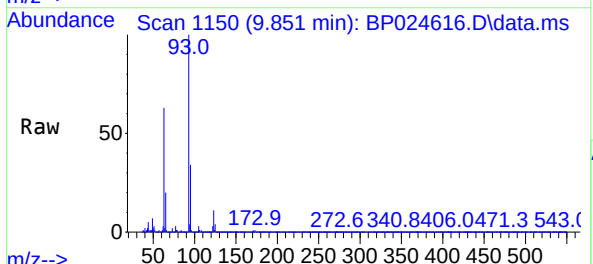
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

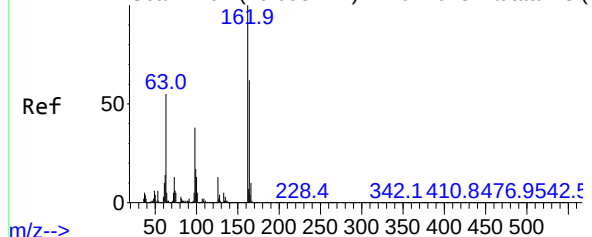


#28
bis(2-Chloroethoxy)methane
Concen: 9.54 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 93 Resp: 78019
Ion Ratio Lower Upper
93 100
95 33.5 25.5 38.3
123 11.2 9.7 14.5



Abundance Scan 1191 (10.093 min): BP024618.D\data.ms (-



#29

2,4-Dichlorophenol

Concen: 8.84 ng

RT: 10.110 min Scan# 1191

Delta R.T. 0.018 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 5138

Ion Ratio Lower Upper

162 100

164 61.7 42.3 82.3

98 36.7 18.4 58.4

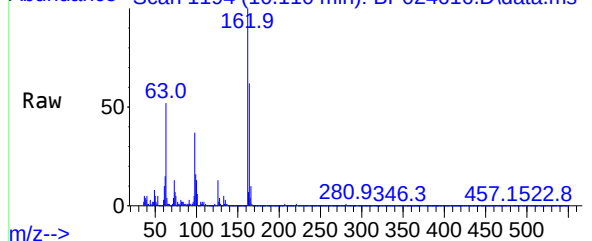
Manual Integrations

APPROVED

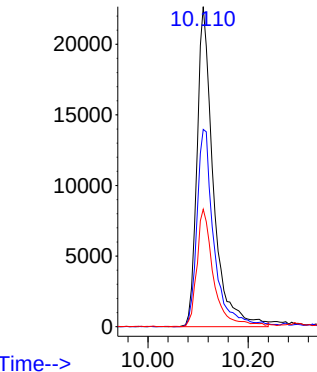
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

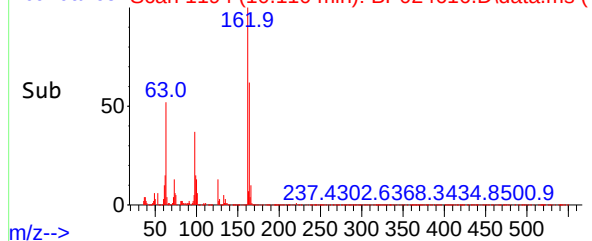
Abundance Scan 1194 (10.110 min): BP024616.D\data.ms (-



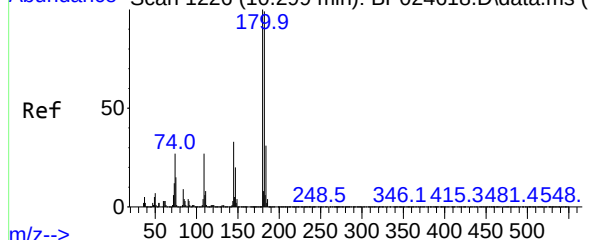
Abundance



Abundance Scan 1194 (10.110 min): BP024616.D\data.ms (-



Abundance Scan 1226 (10.299 min): BP024618.D\data.ms (-



#30

1,2,4-Trichlorobenzene

Concen: 9.81 ng

RT: 10.304 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:180 Resp: 64245

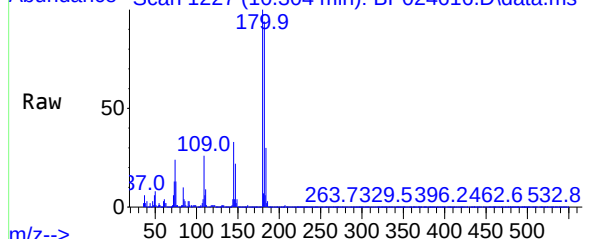
Ion Ratio Lower Upper

180 100

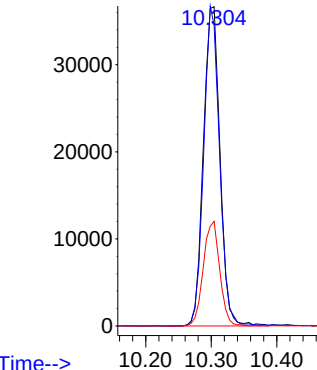
182 94.1 79.0 118.4

145 32.8 26.6 39.8

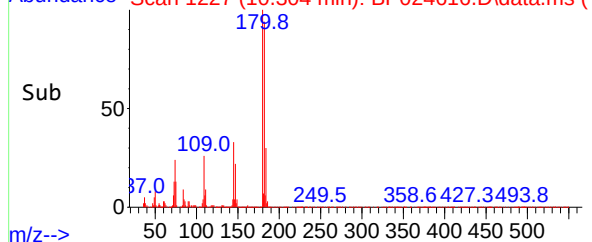
Abundance Scan 1227 (10.304 min): BP024616.D\data.ms (-

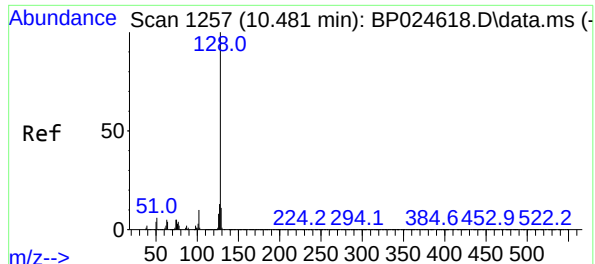


Abundance



Abundance Scan 1227 (10.304 min): BP024616.D\data.ms (-





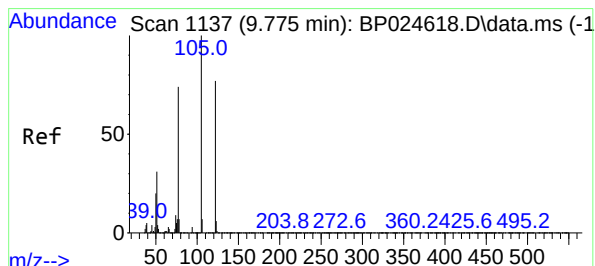
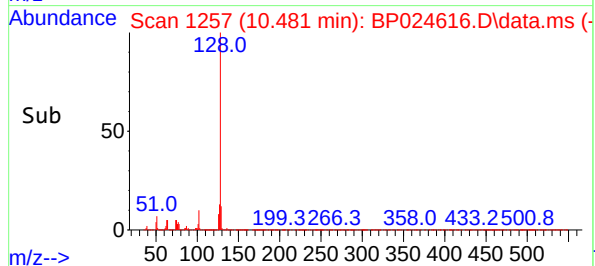
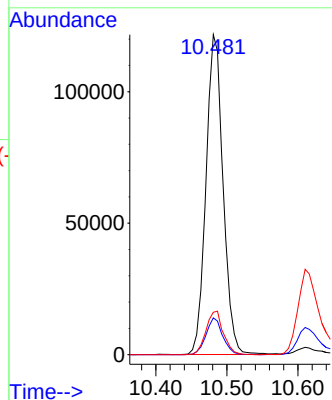
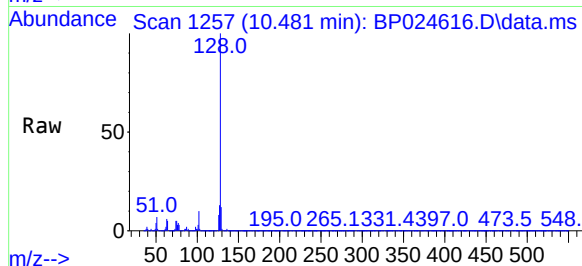
#31
Naphthalene
Concen: 9.90 ng
RT: 10.481 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 204468
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.2 10.7 16.1

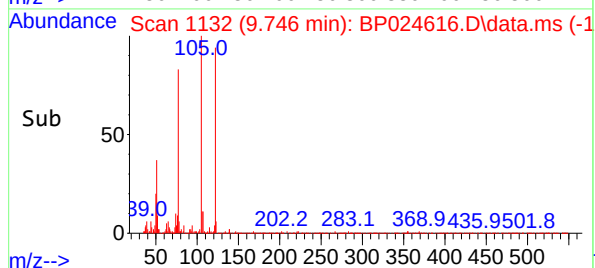
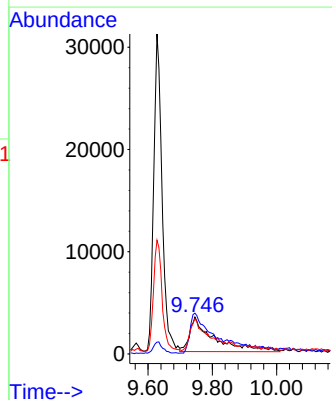
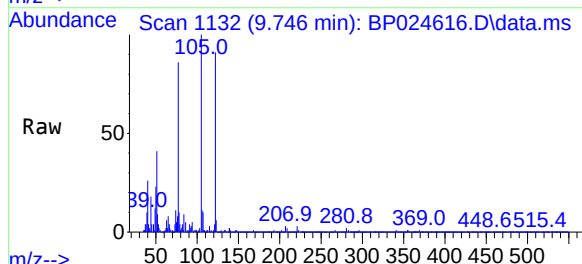
Manual Integrations
APPROVED

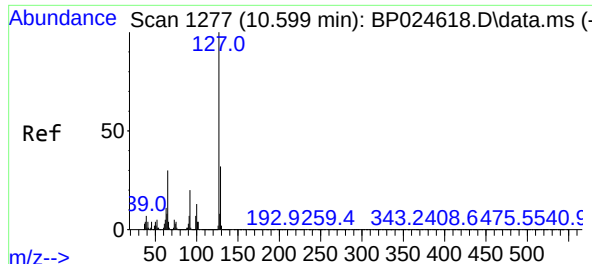
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#32
Benzoic acid
Concen: 10.42 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:122 Resp: 17770
Ion Ratio Lower Upper
122 100
105 110.3 106.9 146.9
77 95.0 75.1 115.1





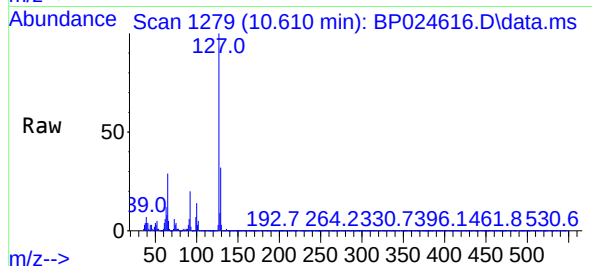
#33
4-Chloroaniline
Concen: 8.88 ng
RT: 10.610 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010



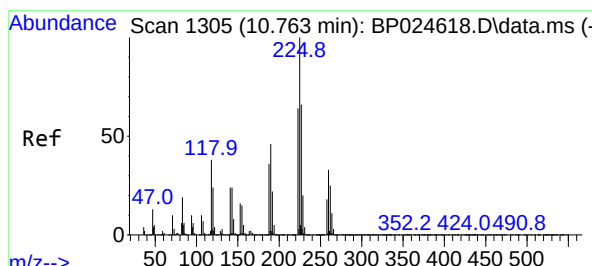
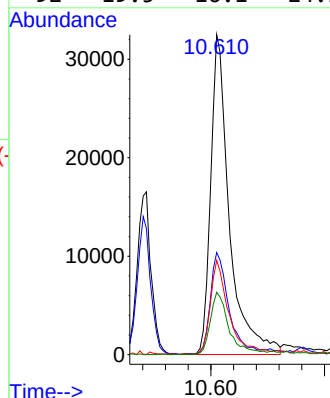
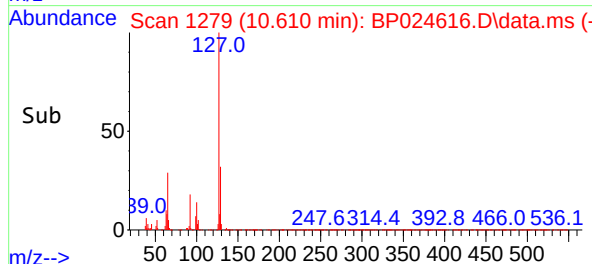
Tgt Ion:127 Resp: 73990
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6
65 29.5 23.9 35.9
92 19.5 16.1 24.1

Manual Integrations

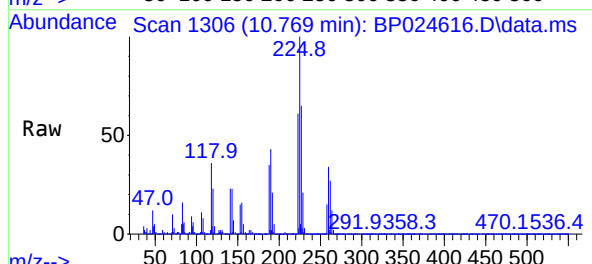
APPROVED

Reviewed By :Rahul Chavli 05/14/2025

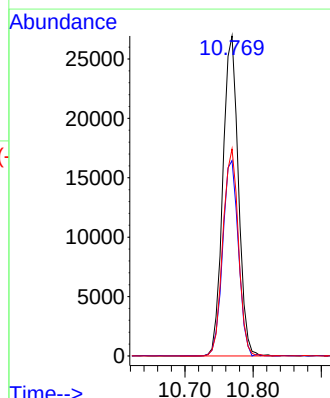
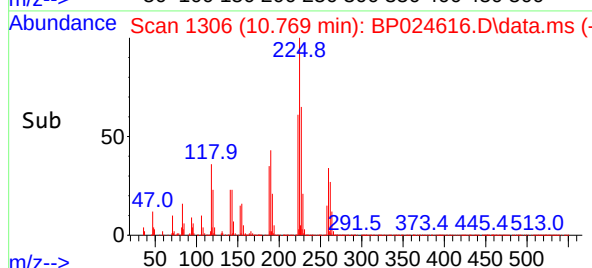
Supervised By :Jagrut Upadhyay 05/14/2025

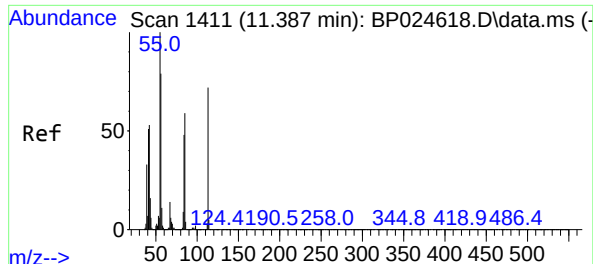


#34
Hexachlorobutadiene
Concen: 10.03 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



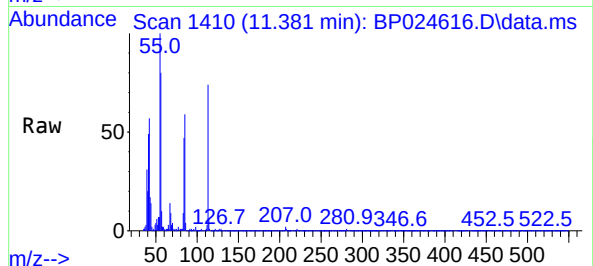
Tgt Ion:225 Resp: 42567
Ion Ratio Lower Upper
225 100
223 61.0 51.0 76.6
227 64.7 53.1 79.7





#35
Caprolactam
Concen: 8.68 ng m
RT: 11.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

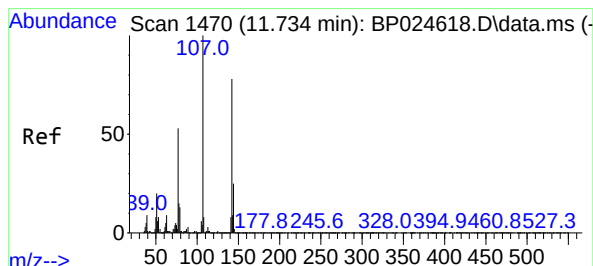
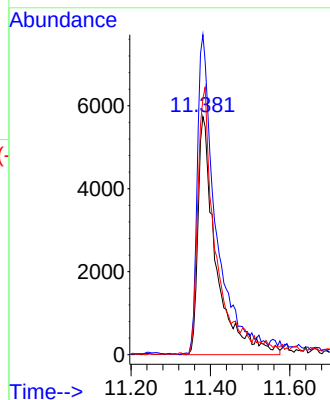
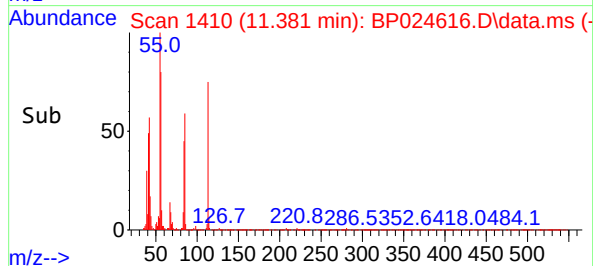
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



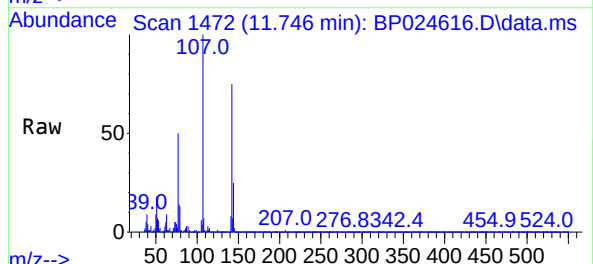
Tgt Ion:113 Resp: 1824
Ion Ratio Lower Upper
113 100
55 134.4 119.0 159.0
56 107.7 90.3 130.3

Manual Integrations
APPROVED

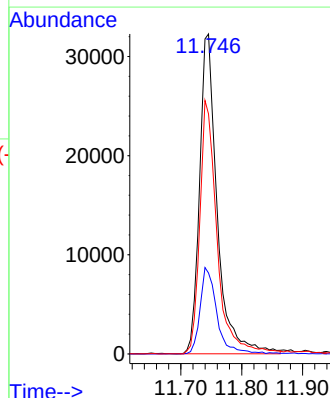
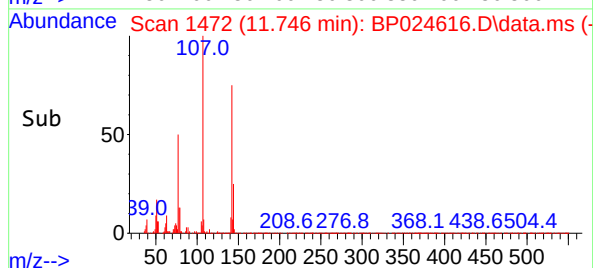
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

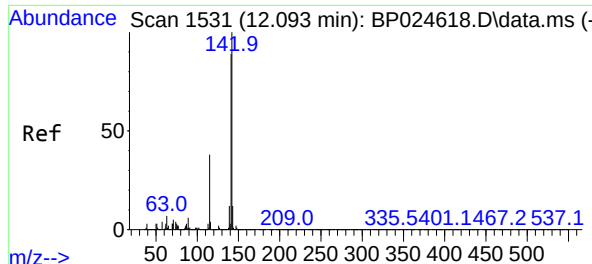


#36
4-Chloro-3-methylphenol
Concen: 9.15 ng
RT: 11.746 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



Tgt Ion:107 Resp: 64857
Ion Ratio Lower Upper
107 100
144 25.3 20.1 30.1
142 75.0 62.1 93.1





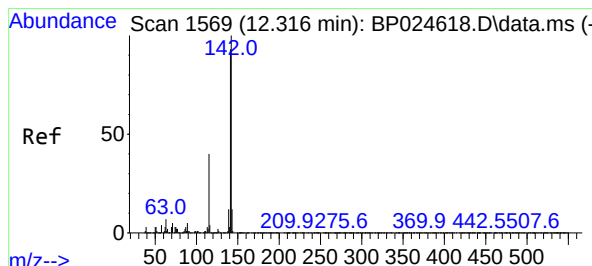
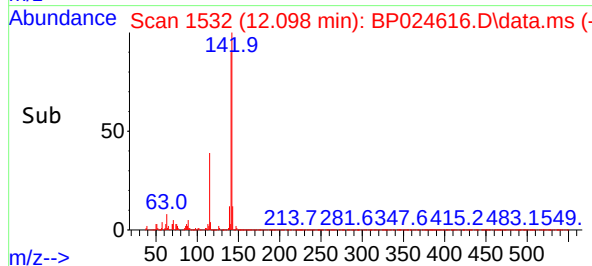
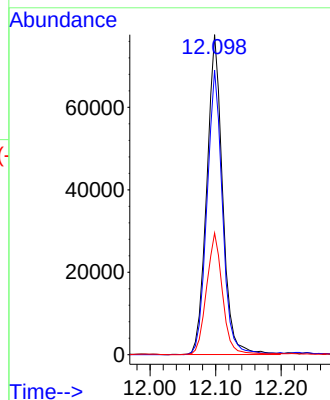
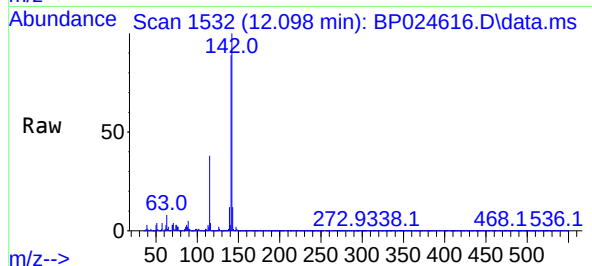
#37
2-Methylnaphthalene
Concen: 9.75 ng
RT: 12.098 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 130412
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 38.0 30.6 46.0

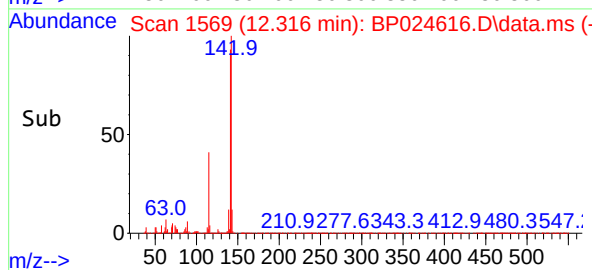
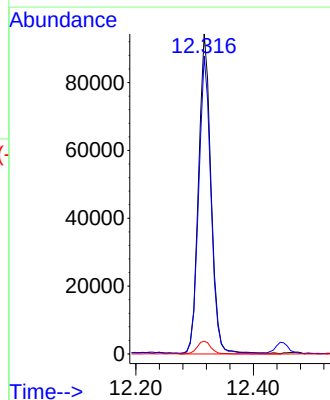
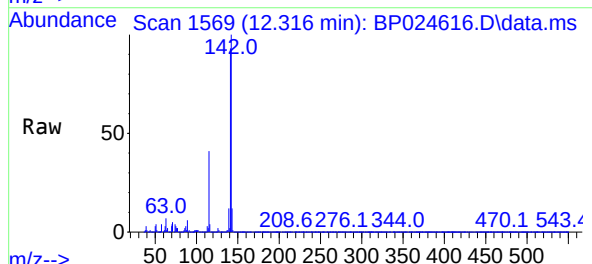
Manual Integrations
APPROVED

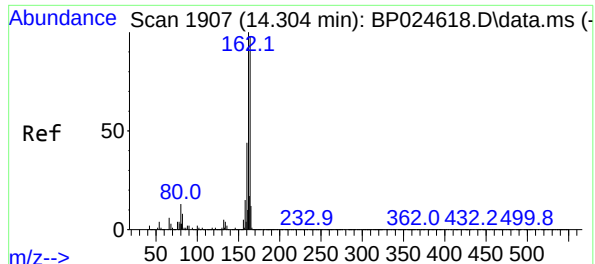
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#38
1-Methylnaphthalene
Concen: 9.75 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:142 Resp: 139573
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 26833

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.6

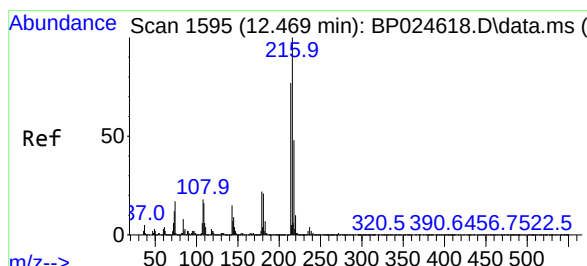
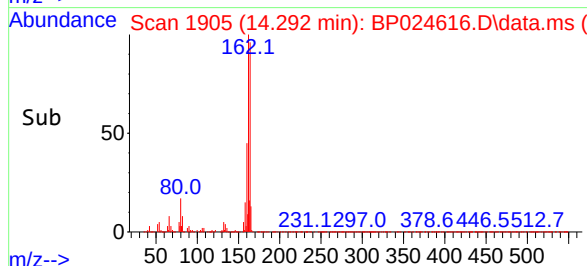
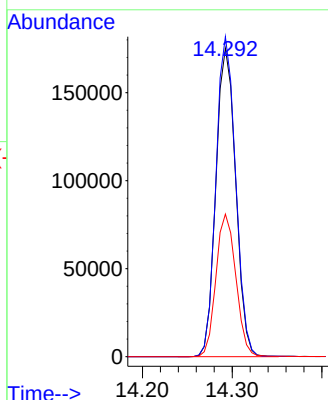
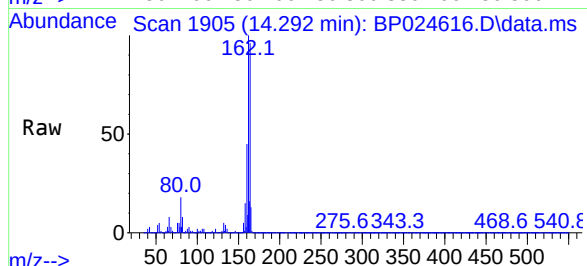
160 46.2 36.3 54.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.60 ng

RT: 12.475 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:216 Resp: 74824

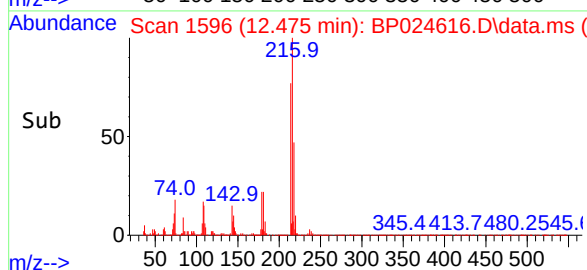
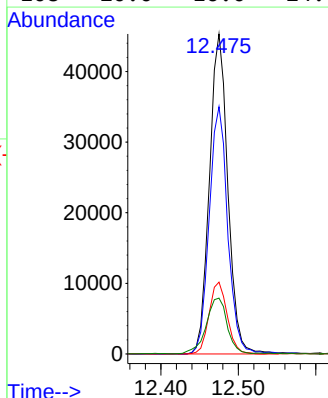
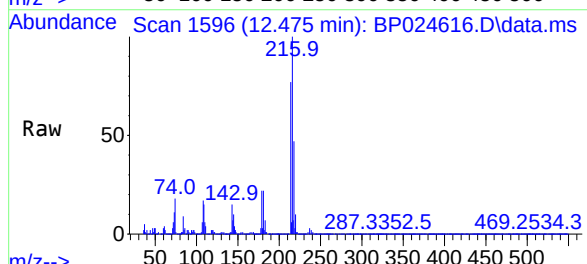
Ion Ratio Lower Upper

216 100

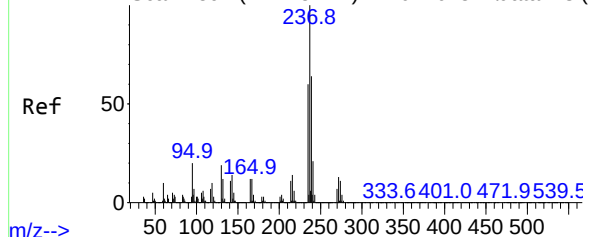
214 77.9 62.3 93.5

179 22.2 17.7 26.5

108 20.0 16.0 24.0



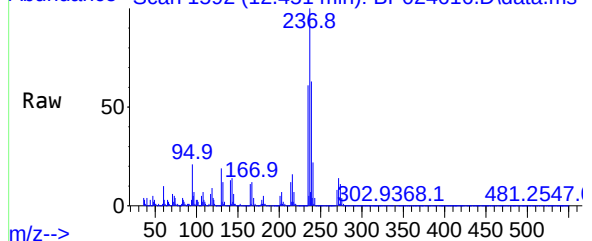
Abundance Scan 1591 (12.445 min): BP024618.D\data.ms (-



#41
Hexachlorocyclopentadiene
Concen: 7.85 ng
RT: 12.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Abundance Scan 1592 (12.451 min): BP024616.D\data.ms (-

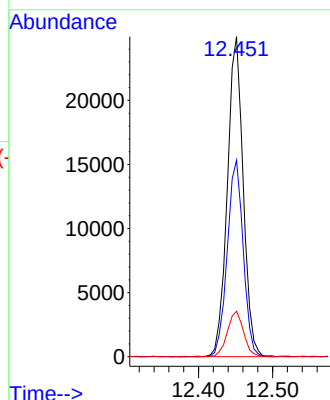
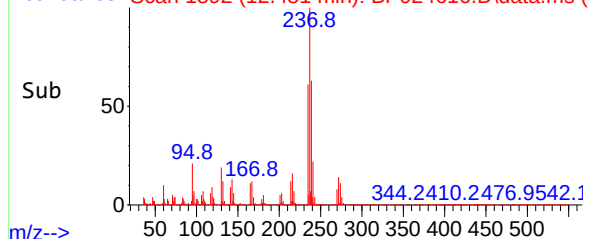


Tgt Ion: 237 Resp: 37072
Ion Ratio Lower Upper
237 100
235 61.4 39.9 79.9
272 14.2 0.0 33.2

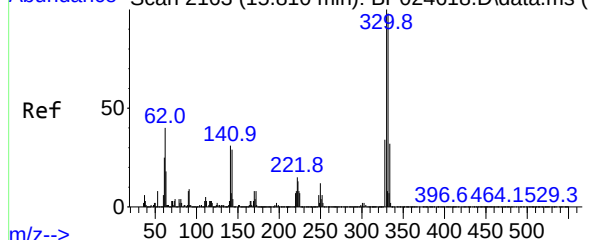
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Abundance Scan 1592 (12.451 min): BP024616.D\data.ms (-



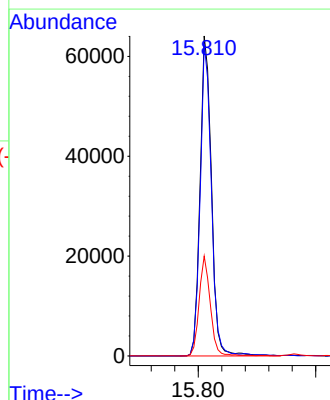
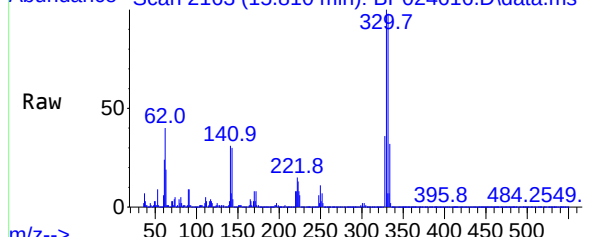
Abundance Scan 2163 (15.810 min): BP024618.D\data.ms (-



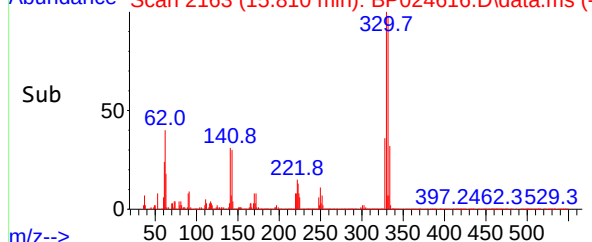
#42
2,4,6-Tribromophenol
Concen: 18.93 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

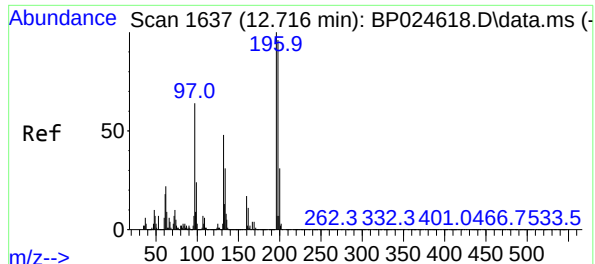
Tgt Ion: 330 Resp: 86099
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.4
141 30.5 24.3 36.5

Abundance Scan 2163 (15.810 min): BP024616.D\data.ms (-



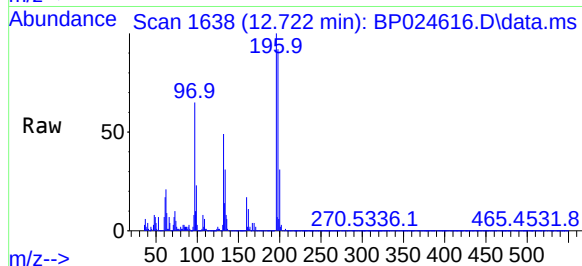
Abundance Scan 2163 (15.810 min): BP024616.D\data.ms (-





#43
2,4,6-Trichlorophenol
Concen: 9.07 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

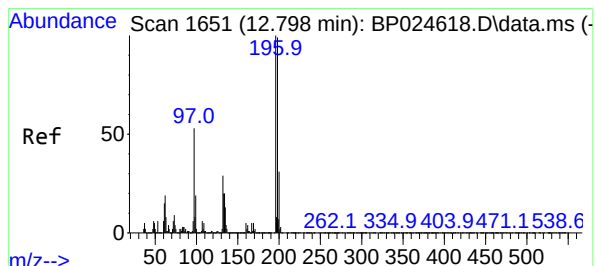
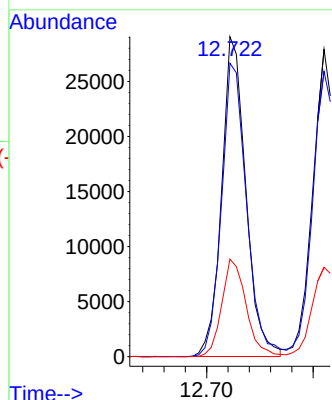
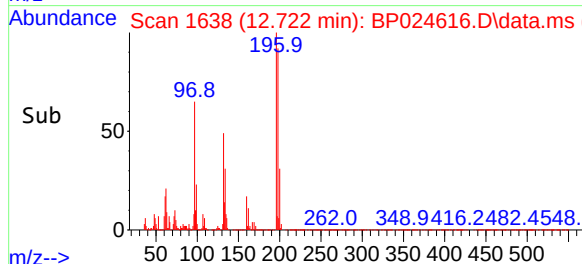
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



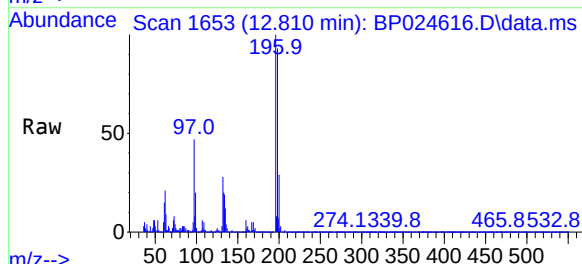
Tgt Ion:196 Resp: 45798
Ion Ratio Lower Upper
196 100
198 91.7 76.9 115.3
200 30.5 25.2 37.8

Manual Integrations
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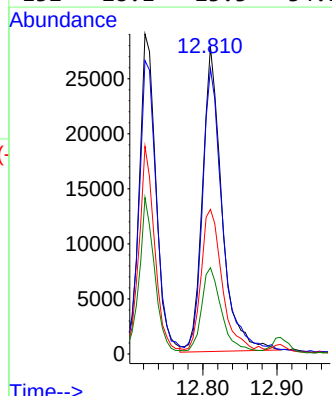
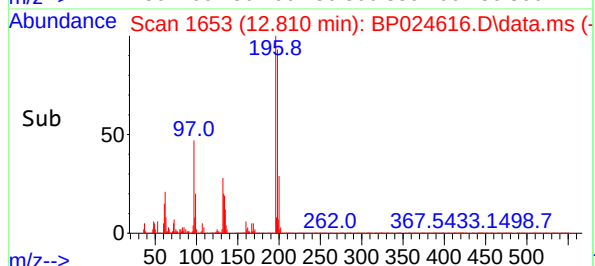
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

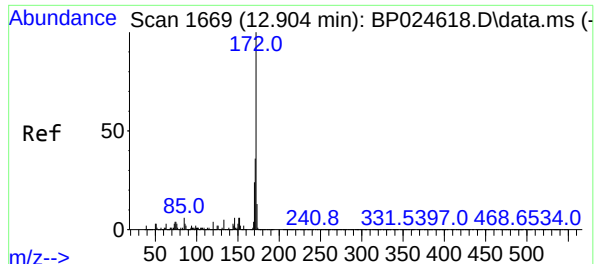


#44
2,4,5-Trichlorophenol
Concen: 8.96 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



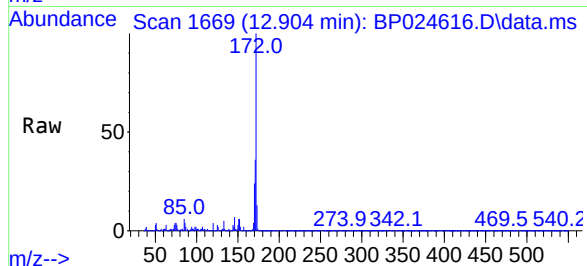
Tgt Ion:196 Resp: 50348
Ion Ratio Lower Upper
196 100
198 92.8 79.2 118.8
97 47.0 42.3 63.5
132 28.1 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 19.63 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

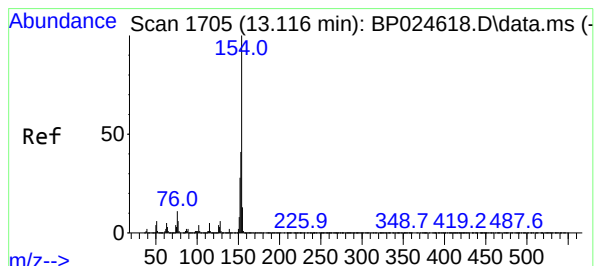
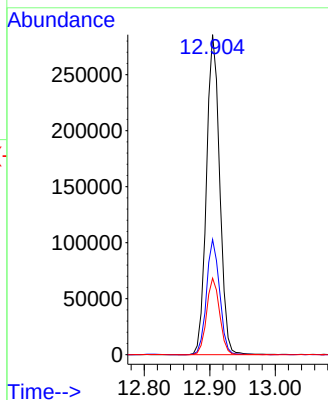
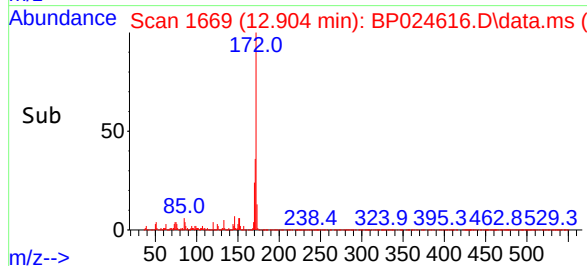
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



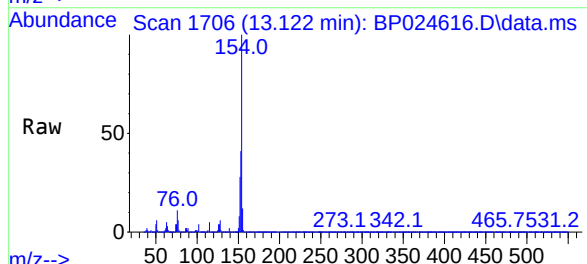
Tgt Ion:172 Resp: 401980
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.9 18.8 28.2

Manual Integrations
APPROVED

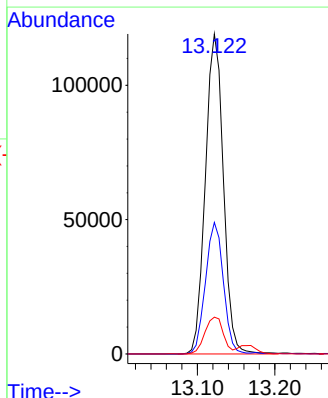
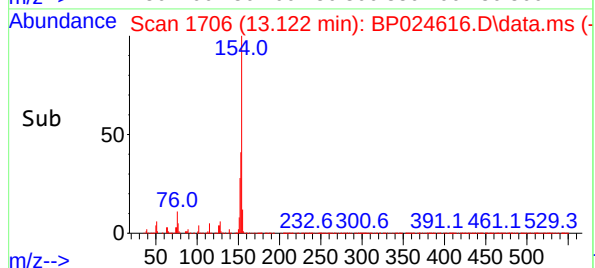
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

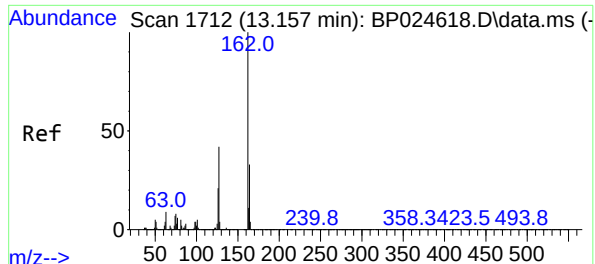


#46
1,1'-Biphenyl
Concen: 9.70 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



Tgt Ion:154 Resp: 192445
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 11.5 0.0 31.5





#47
2-Chloronaphthalene
Concen: 9.82 ng
RT: 13.163 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

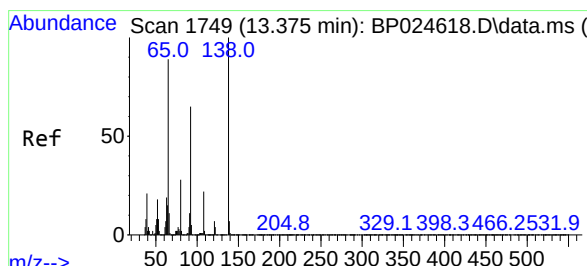
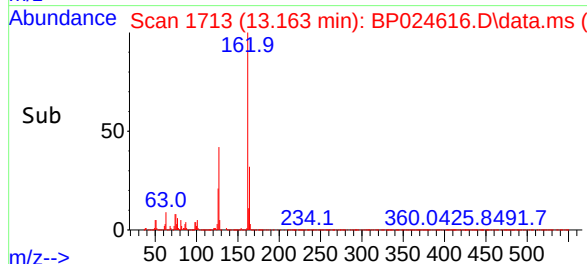
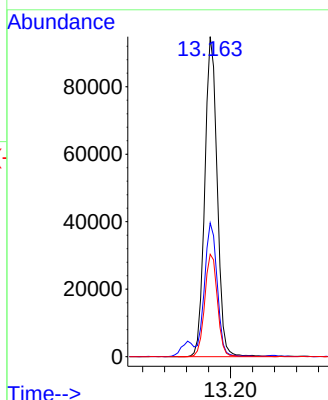
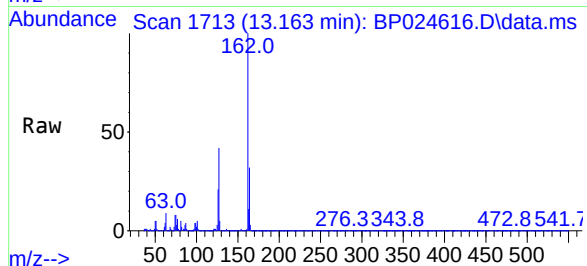
SSTDICC010

Tgt Ion:162 Resp: 14844
Ion Ratio Lower Upper
162 100
127 41.8 33.8 50.6
164 32.0 26.0 39.0

Manual Integrations

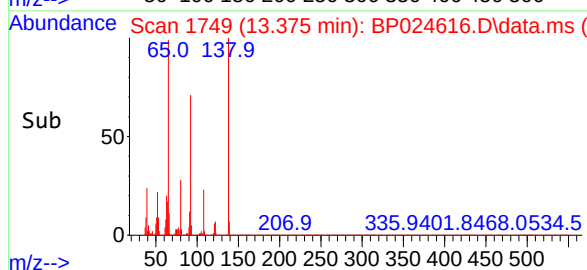
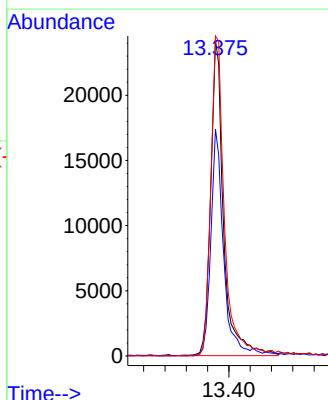
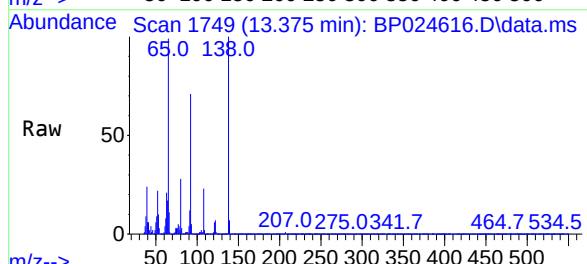
APPROVED

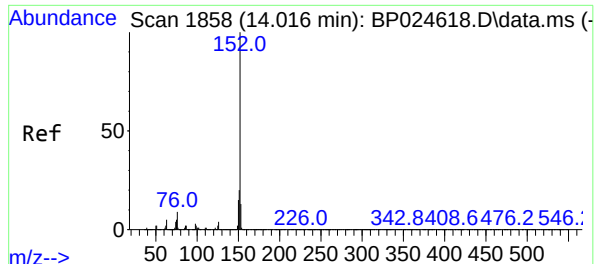
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#48
2-Nitroaniline
Concen: 9.11 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 65 Resp: 40786
Ion Ratio Lower Upper
65 100
92 71.8 58.7 88.1
138 101.2 90.2 135.2





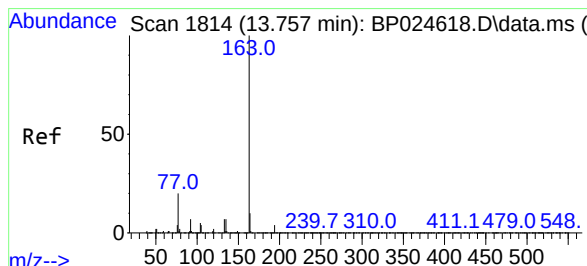
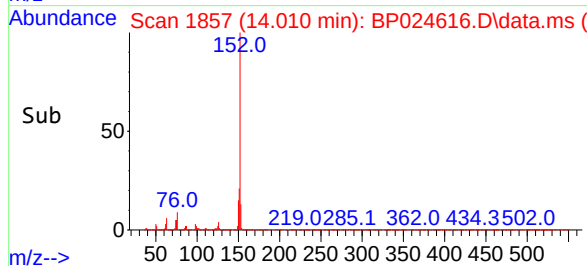
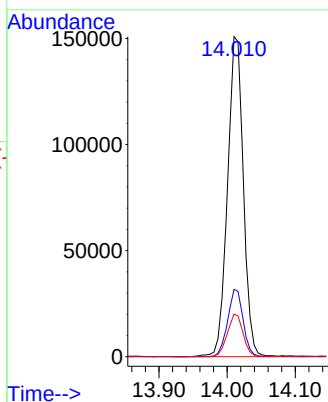
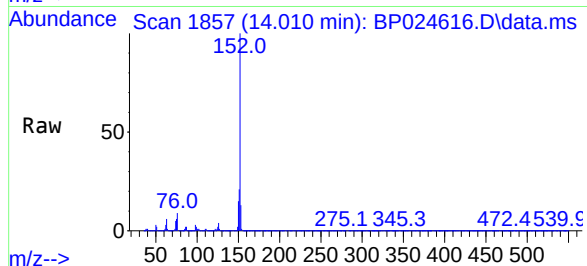
#49
Acenaphthylene
Concen: 9.64 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 24391
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4
153 13.3 10.2 15.4

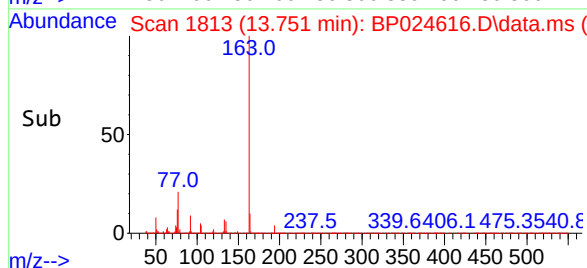
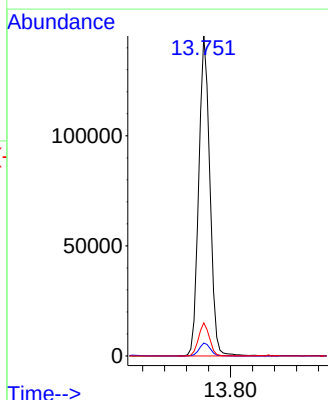
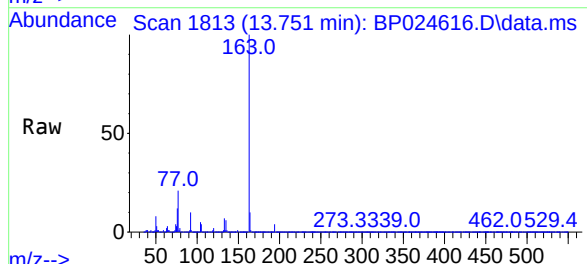
Manual Integrations
APPROVED

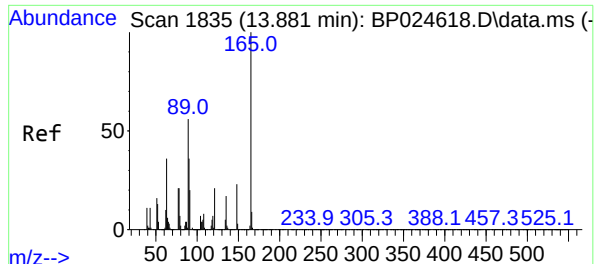
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#50
Dimethylphthalate
Concen: 10.01 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:163 Resp: 204825
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1





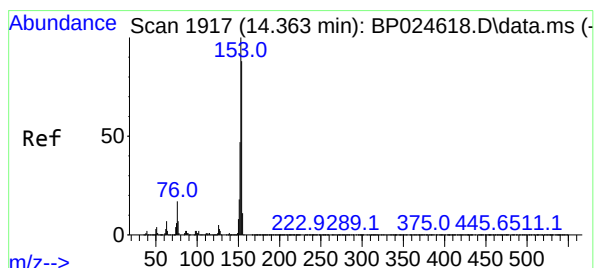
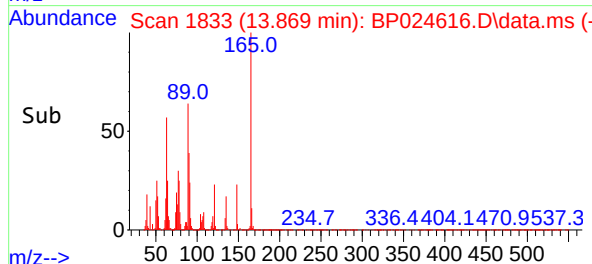
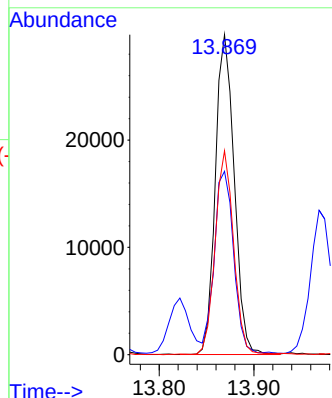
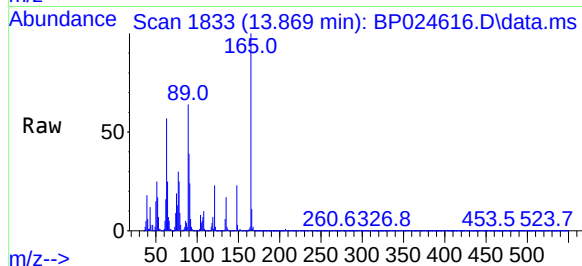
#51
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 4125
Ion Ratio Lower Upper
165 100
63 57.3 42.4 63.6
89 63.7 44.8 67.2

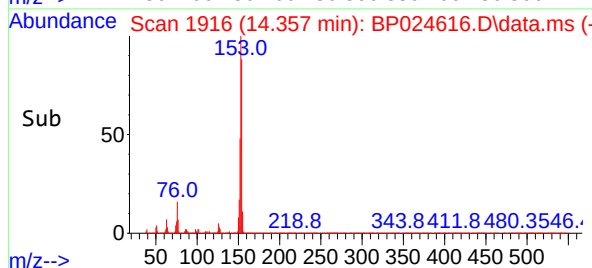
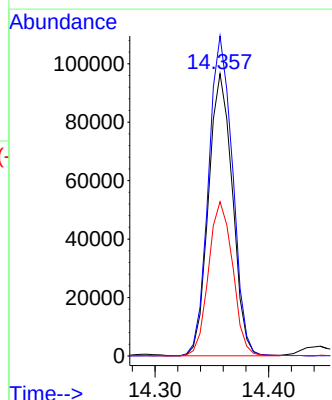
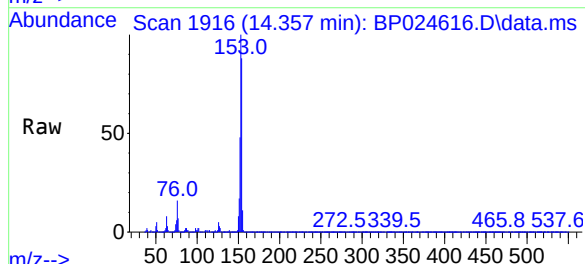
Manual Integrations
APPROVED

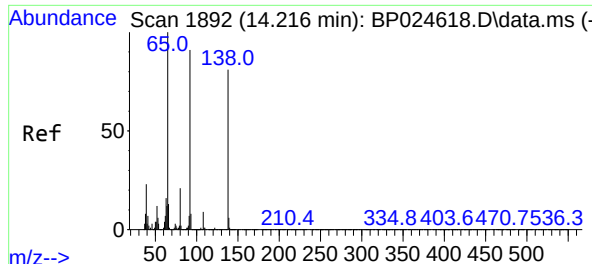
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#52
Acenaphthene
Concen: 9.72 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

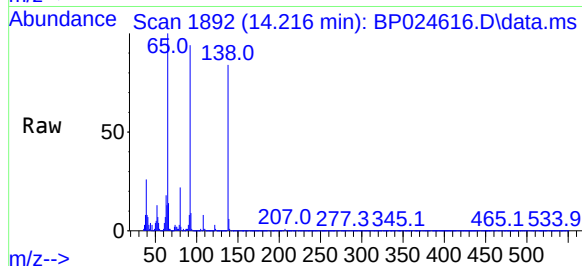
Tgt Ion:154 Resp: 141360
Ion Ratio Lower Upper
154 100
153 113.4 91.0 136.4
152 54.6 42.9 64.3





#53
3-Nitroaniline
Concen: 8.37 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

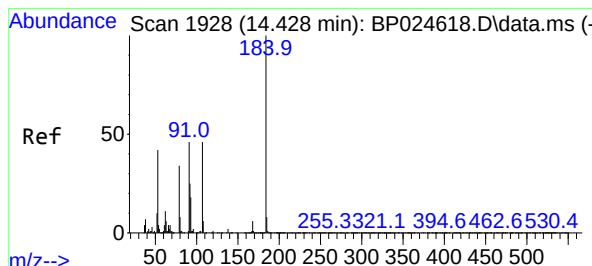
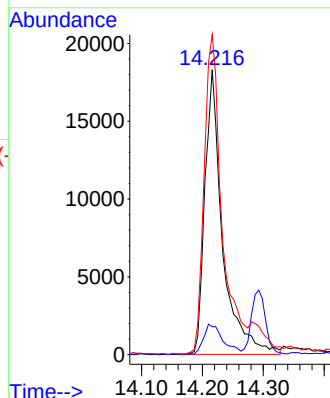
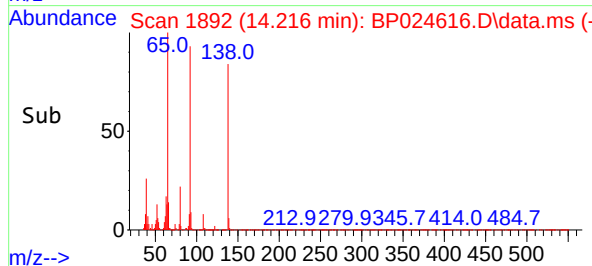
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 36900
Ion Ratio Lower Upper
138 100
108 9.9 9.0 13.4
92 112.3 90.1 135.1

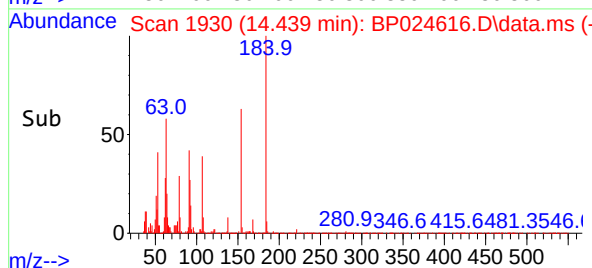
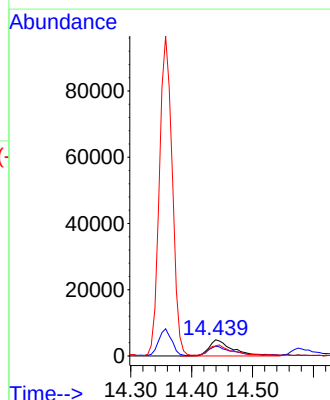
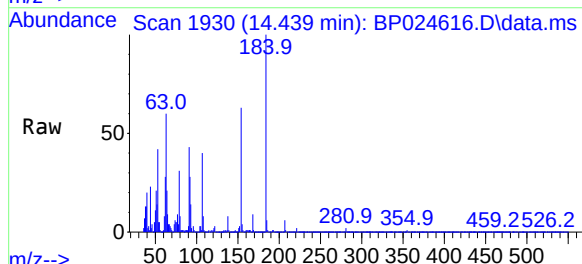
Manual Integrations
APPROVED

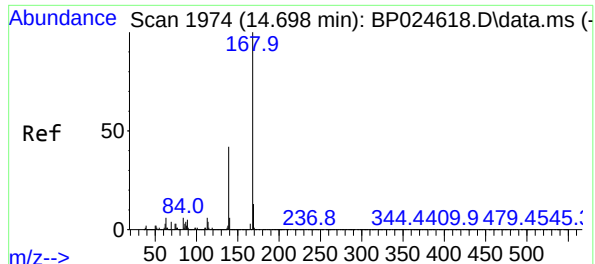
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#54
2,4-Dinitrophenol
Concen: 10.84 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.011 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

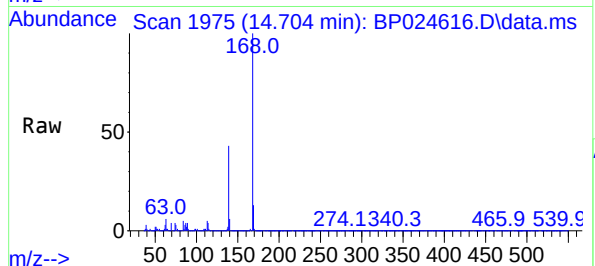
Tgt Ion:184 Resp: 13128
Ion Ratio Lower Upper
184 100
63 60.3 51.3 76.9
154 62.9 53.5 80.3





#55
Dibenzenofuran
Concen: 9.92 ng
RT: 14.704 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

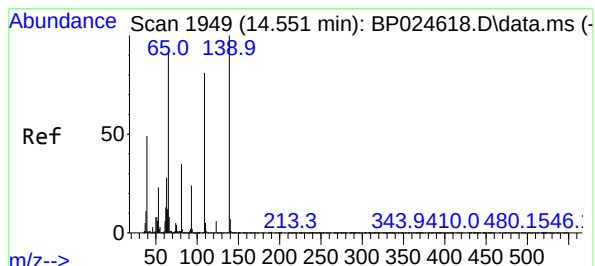
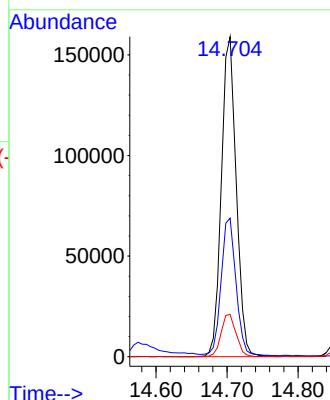
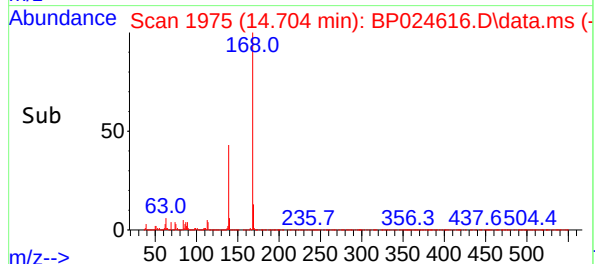
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



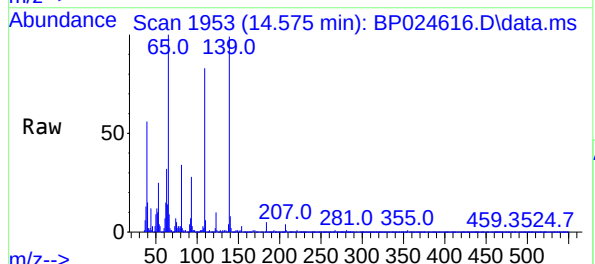
Tgt Ion:168 Resp: 230280
Ion Ratio Lower Upper
168 100
139 43.3 34.2 51.4
169 13.2 10.8 16.2

Manual Integrations
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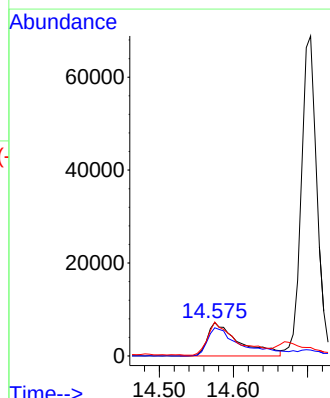
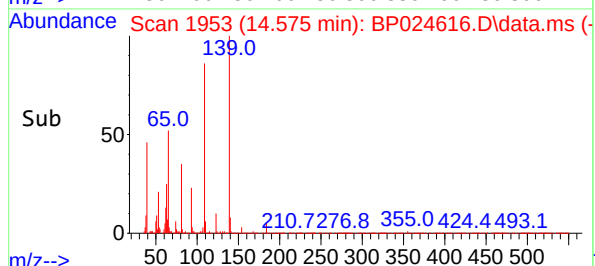
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

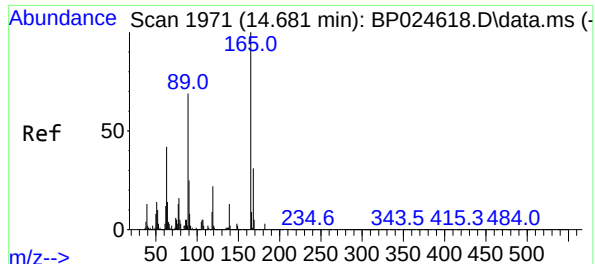


#56
4-Nitrophenol
Concen: 9.53 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



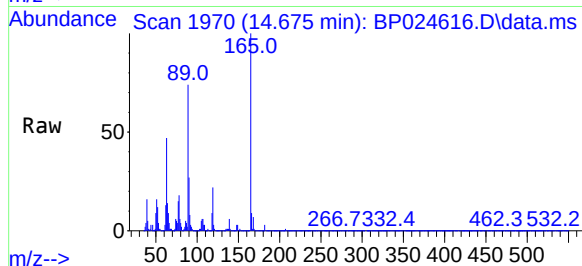
Tgt Ion:139 Resp: 21349
Ion Ratio Lower Upper
139 100
109 84.4 61.4 101.4
65 101.4 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 9.30 ng
RT: 14.675 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

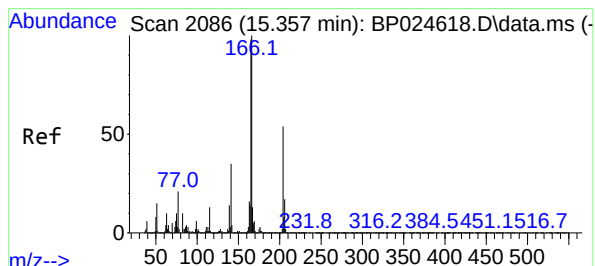
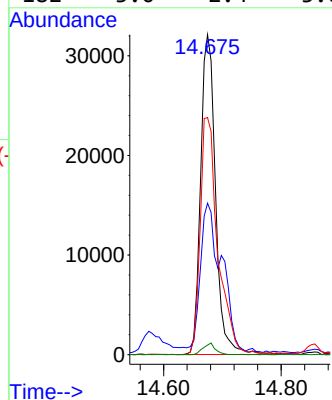
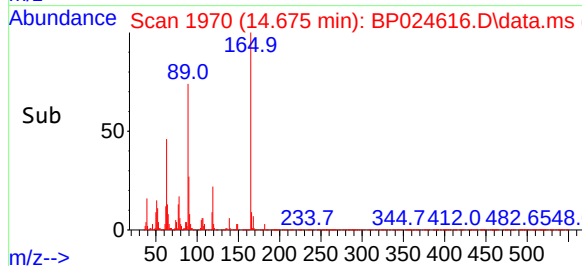
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 5661
Ion Ratio Lower Upper
165 100
63 47.4 33.8 50.6
89 74.1 55.6 83.4
182 3.0 2.4 3.6

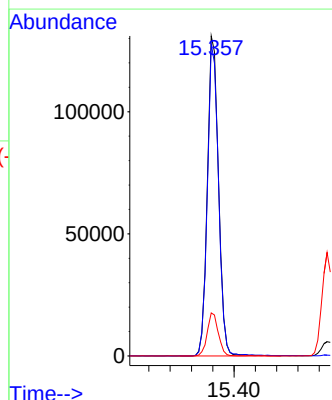
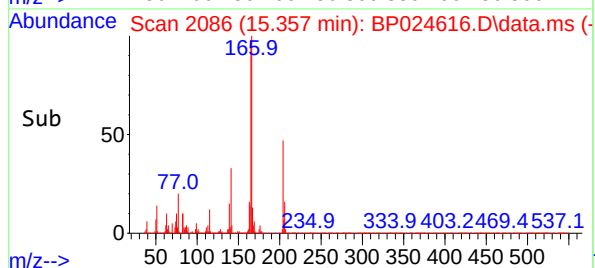
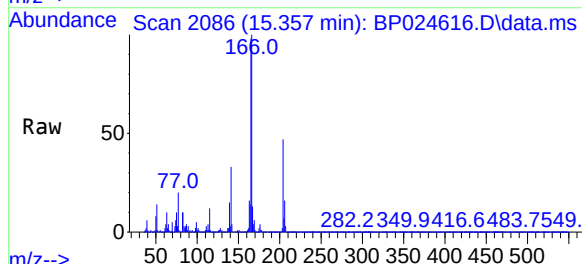
Manual Integrations
APPROVED

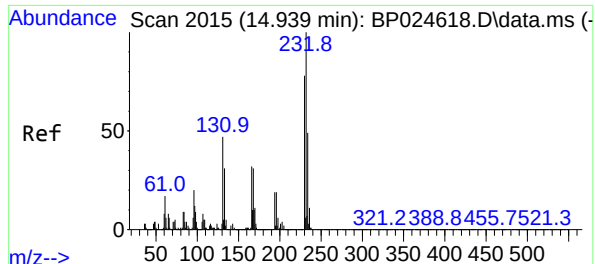
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#58
Fluorene
Concen: 10.03 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:166 Resp: 189781
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 13.5 10.7 16.1





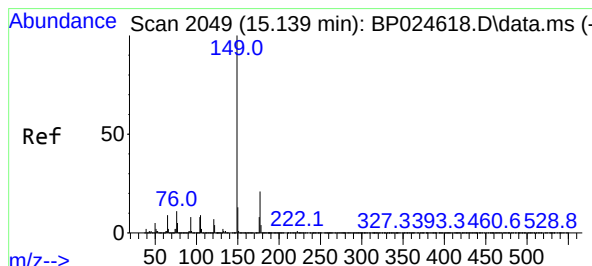
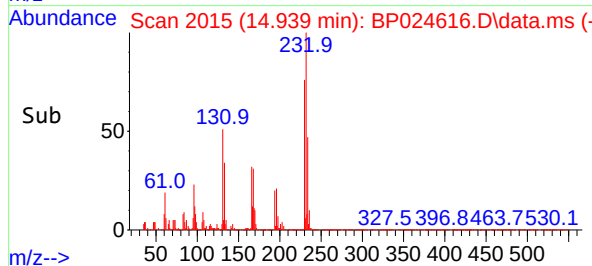
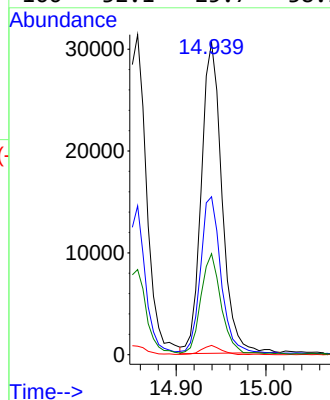
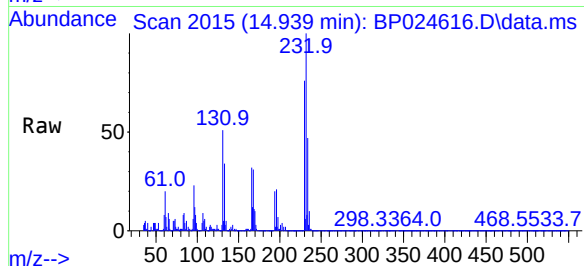
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.37 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 4882
Ion Ratio Lower Upper
232 100
131 50.6 39.5 59.3
130 2.8 2.2 3.4
166 32.1 25.7 38.5

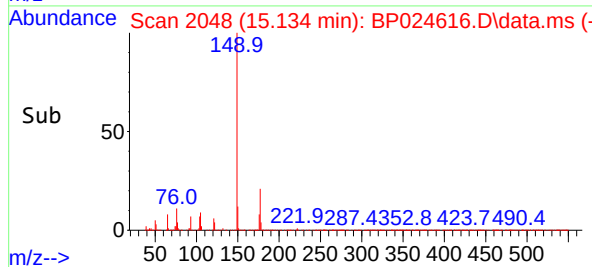
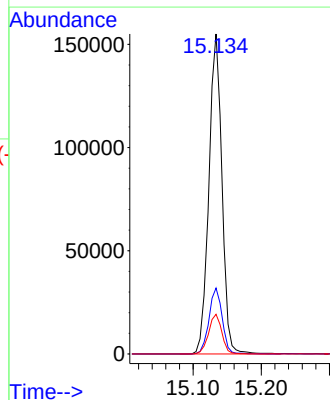
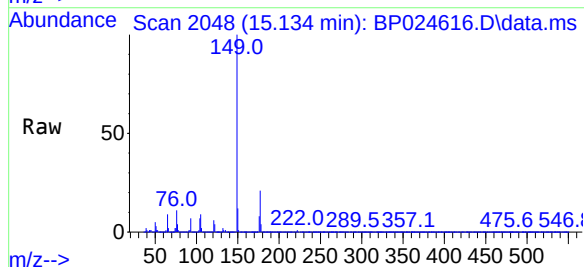
Manual Integrations
APPROVED

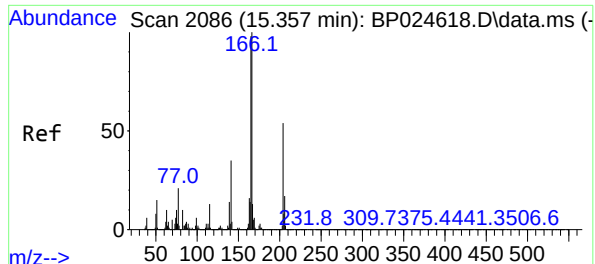
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#60
Diethylphthalate
Concen: 10.01 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

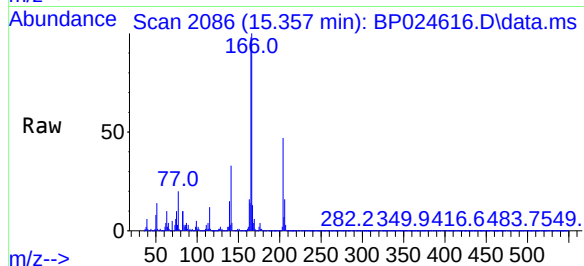
Tgt Ion:149 Resp: 206886
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 9.91 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

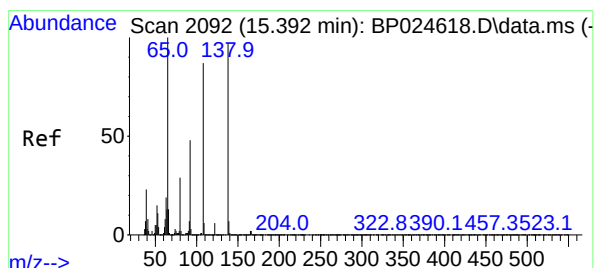
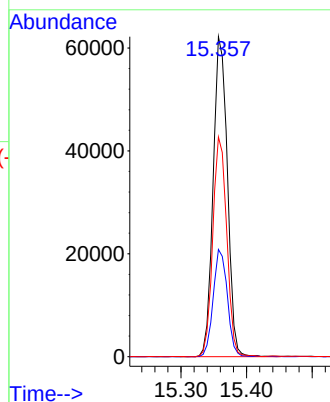
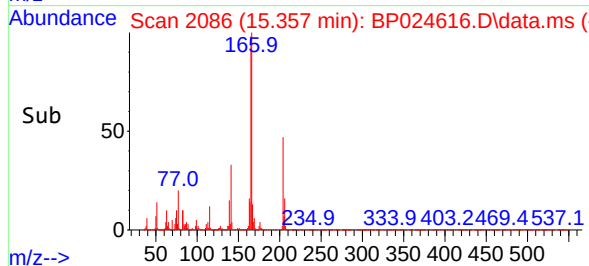
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 9351
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 68.7 52.9 79.3

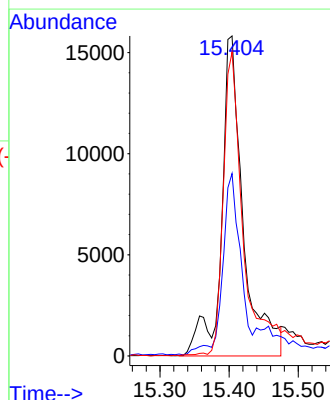
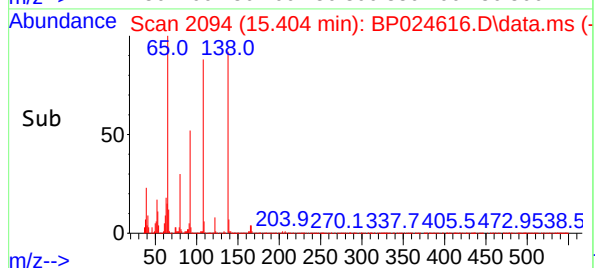
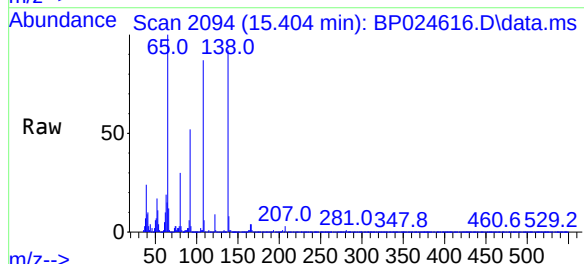
Manual Integrations
APPROVED

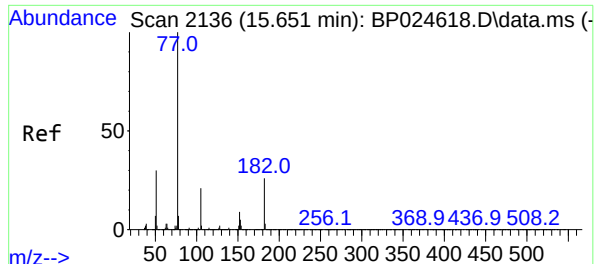
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#62
4-Nitroaniline
Concen: 8.11 ng m
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

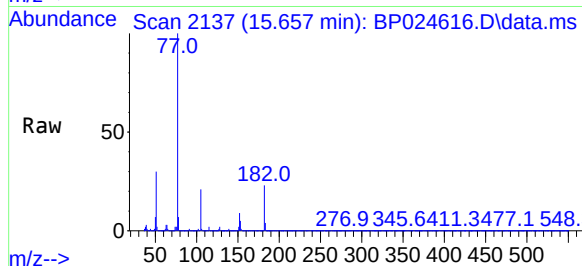
Tgt Ion:138 Resp: 34813
Ion Ratio Lower Upper
138 100
92 57.0 29.2 69.2
108 95.0 69.0 109.0





#63
Azobenzene
Concen: 9.86 ng
RT: 15.657 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

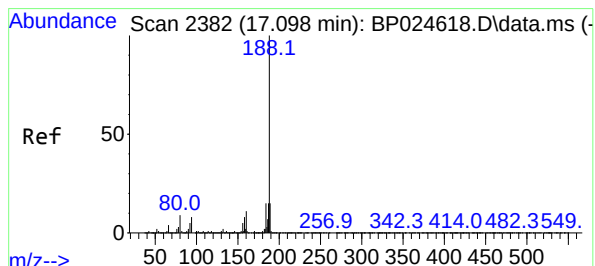
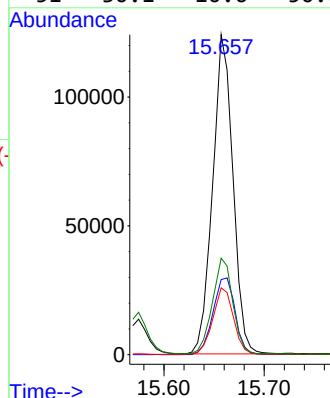
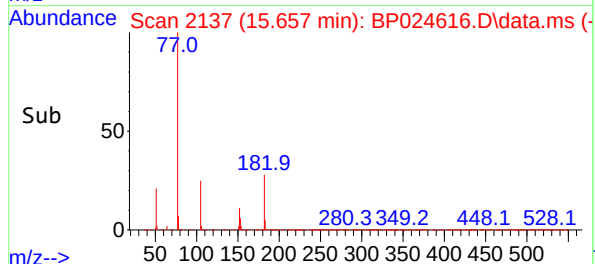
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 17432
Ion Ratio Lower Upper
77 100
182 23.5 5.7 45.7
105 20.9 1.3 41.3
51 30.1 10.6 50.6

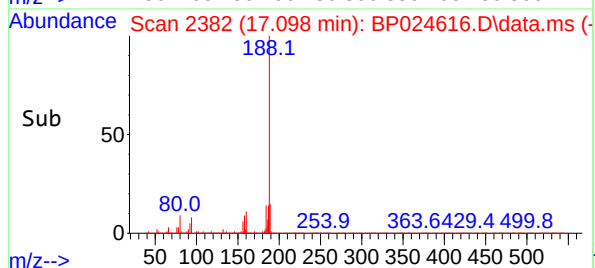
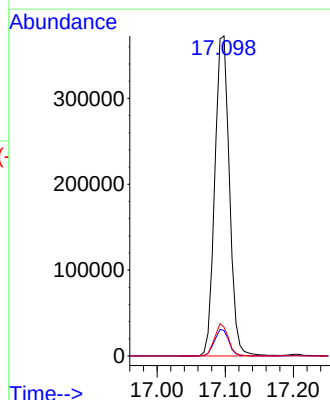
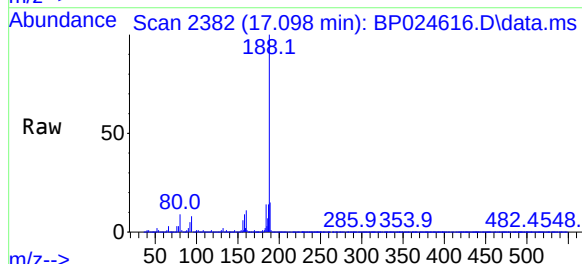
Manual Integrations
APPROVED

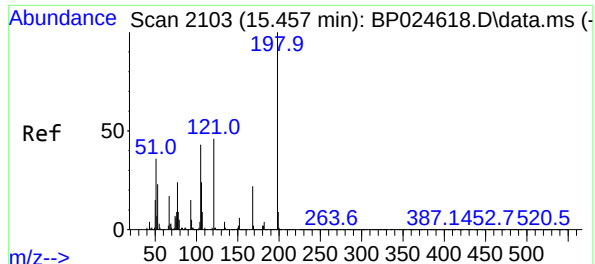
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:188 Resp: 556673
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.0 7.3 10.9





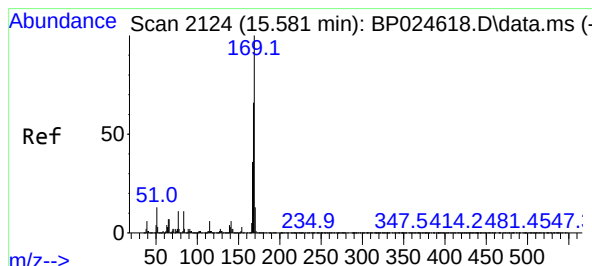
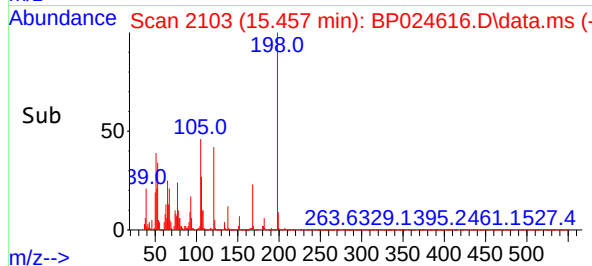
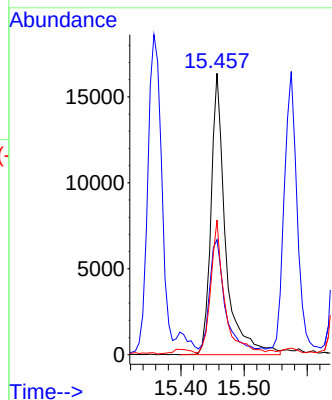
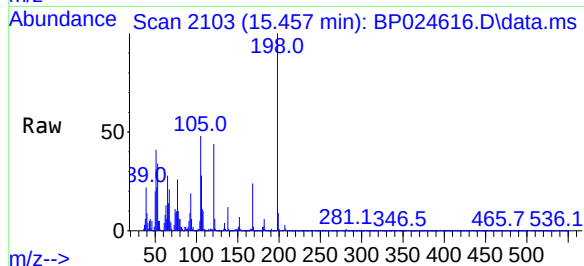
#65
4,6-Dinitro-2-methylphenol
Concen: 7.28 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
Client Sample Id :
SSTDICC010

Tgt Ion:198 Resp: 26174
Ion Ratio Lower Upper
198 100
51 40.9 21.1 61.1
105 47.8 23.6 63.6

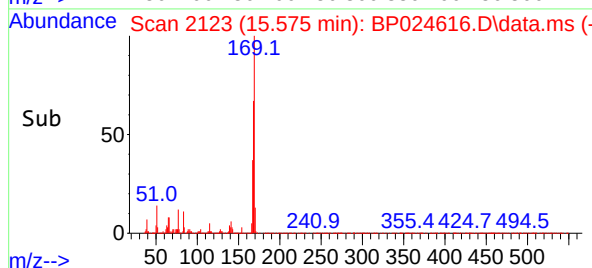
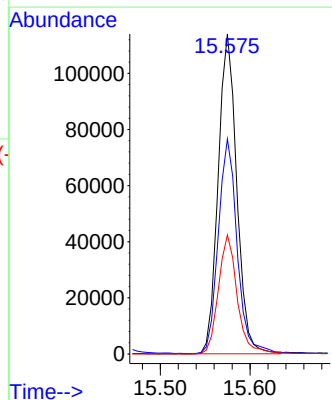
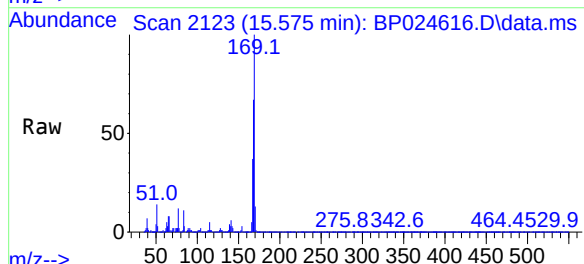
Manual Integrations
APPROVED

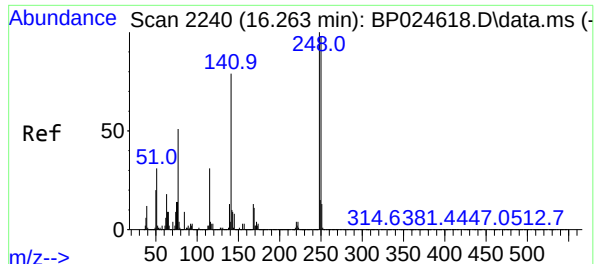
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#66
n-Nitrosodiphenylamine
Concen: 9.59 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:169 Resp: 164008
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 37.2 28.6 43.0





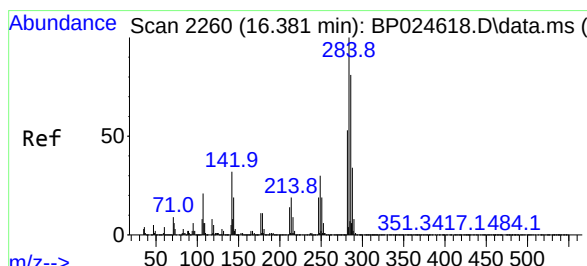
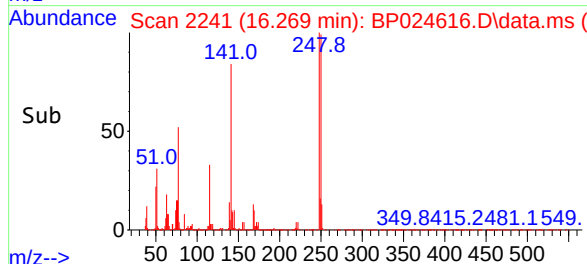
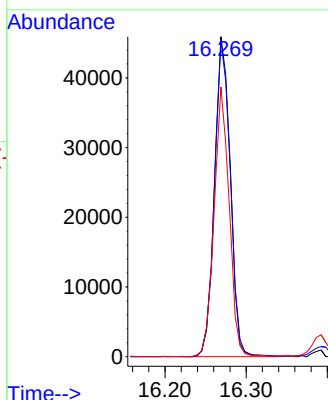
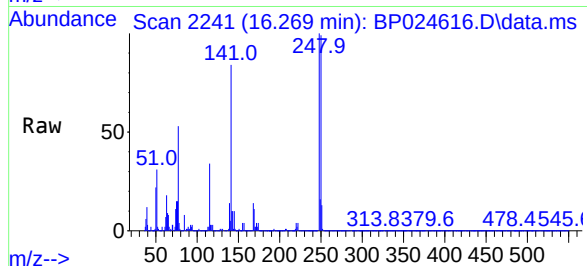
#67
4-Bromophenyl-phenylether
Concen: 9.45 ng
RT: 16.269 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 6201
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.4
141 84.3 63.0 94.6

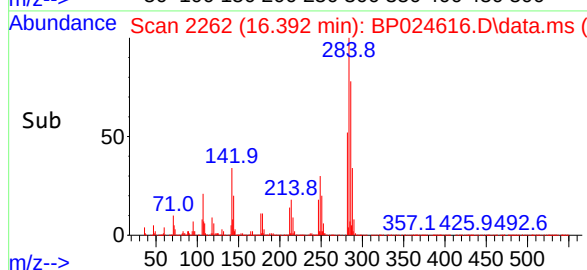
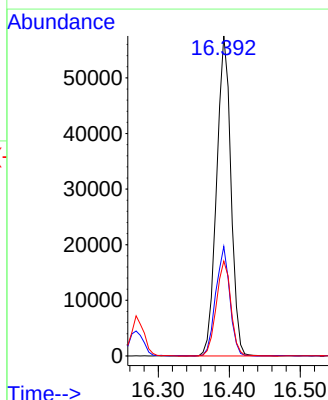
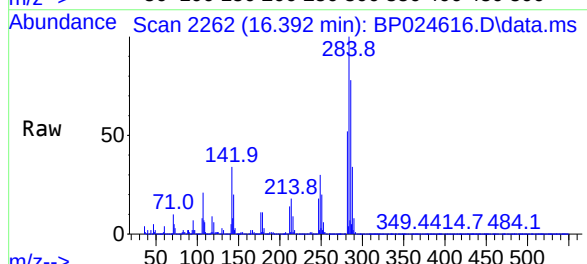
Manual Integrations
APPROVED

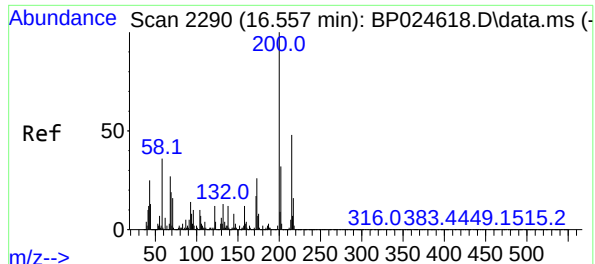
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 9.61 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:284 Resp: 80088
Ion Ratio Lower Upper
284 100
142 34.2 25.9 38.9
249 29.6 24.1 36.1





#69
Atrazine
Concen: 9.30 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

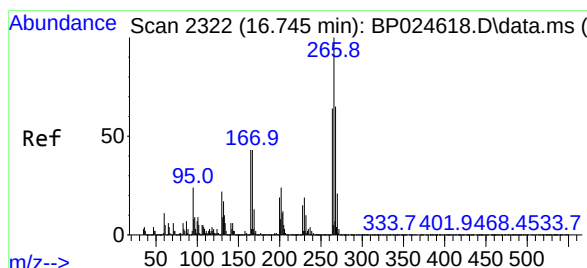
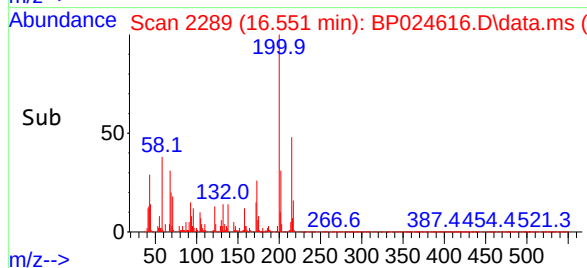
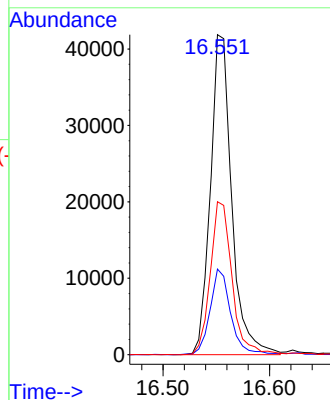
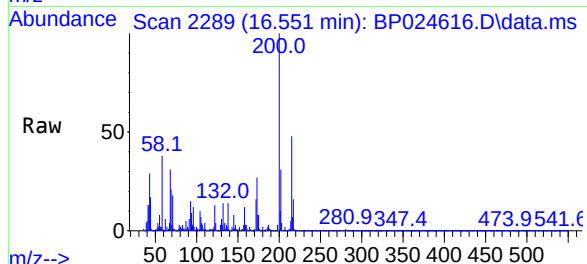
SSTDICC010

Tgt Ion:200 Resp: 5824
Ion Ratio Lower Upper
200 100
173 26.8 5.9 45.9
215 47.8 28.3 68.3

Manual Integrations

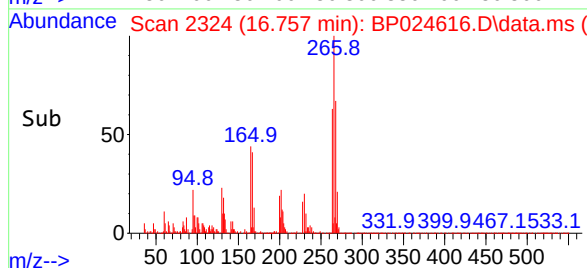
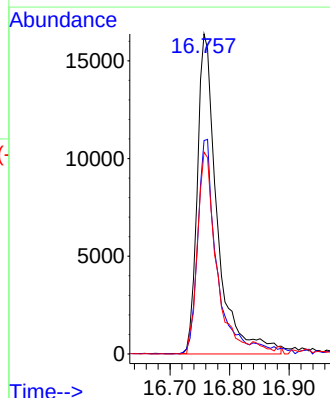
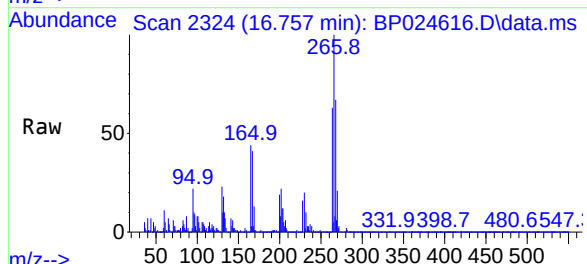
APPROVED

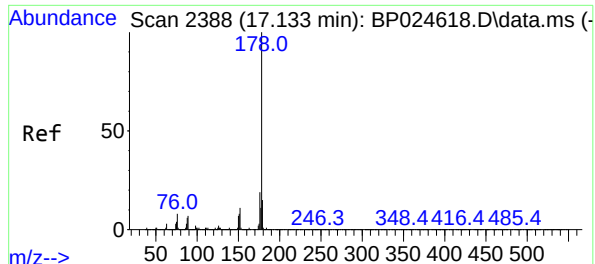
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#70
Pentachlorophenol
Concen: 8.14 ng m
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:266 Resp: 38095
Ion Ratio Lower Upper
266 100
268 66.7 52.2 78.4
264 63.1 51.1 76.7





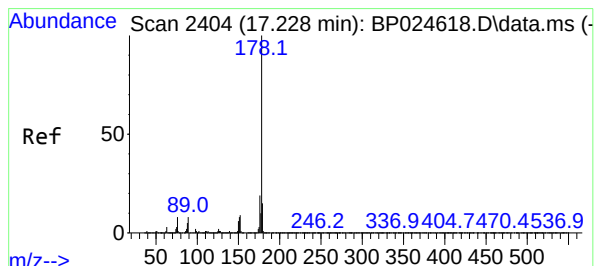
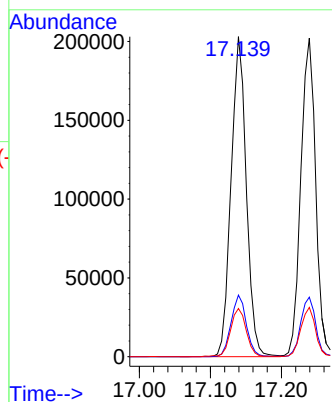
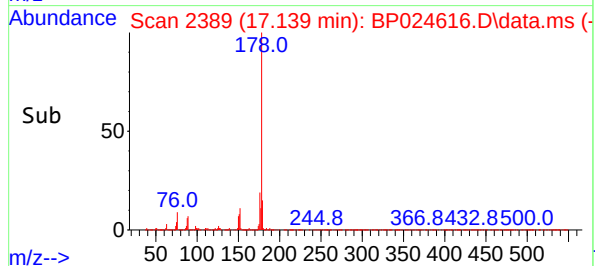
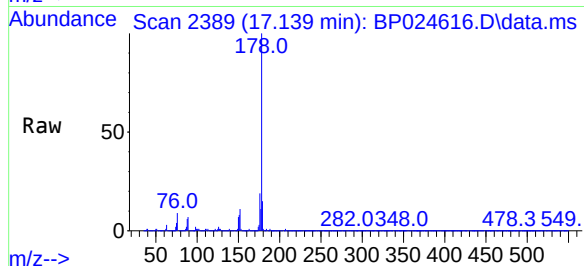
#71
Phenanthrene
Concen: 9.75 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 30186
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.1 12.2 18.4

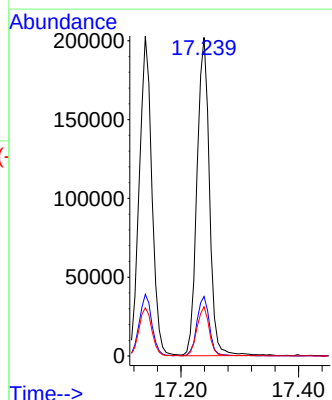
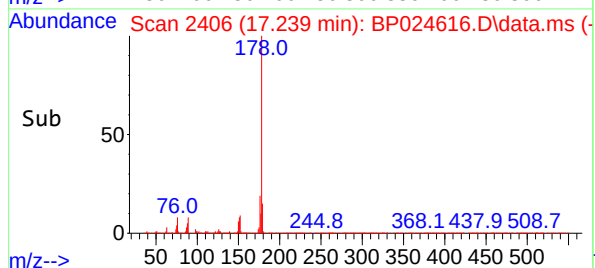
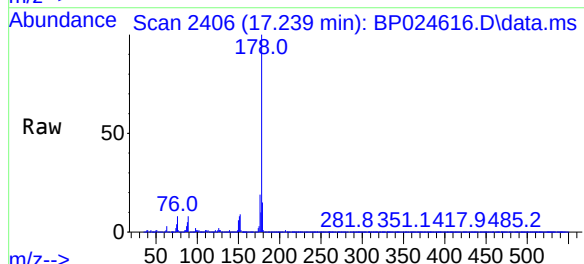
Manual Integrations
APPROVED

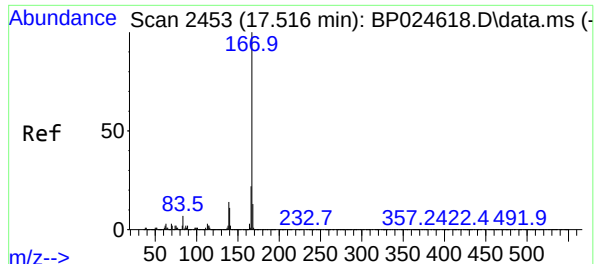
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 9.51 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

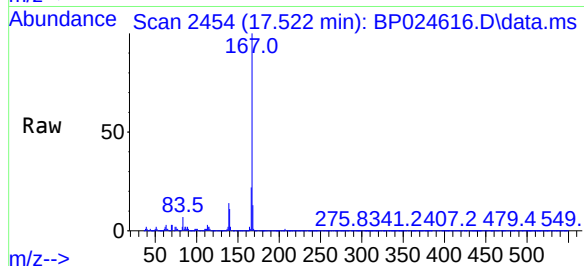
Tgt Ion:178 Resp: 296146
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.2 18.2





#73
Carbazole
Concen: 9.32 ng
RT: 17.522 min Scan# 2453
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

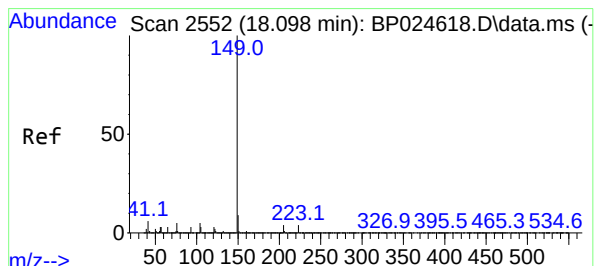
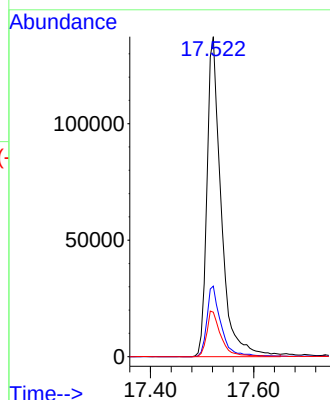
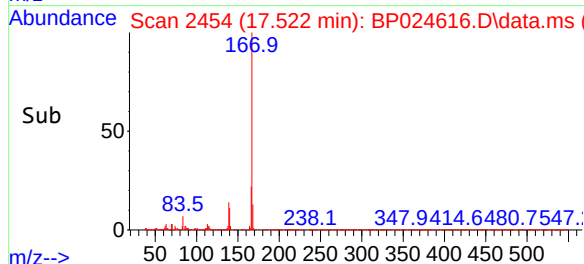
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



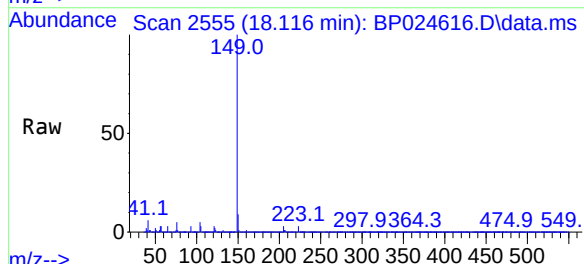
Tgt Ion:167 Resp: 26268
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 13.9 11.3 16.9

Manual Integrations
APPROVED

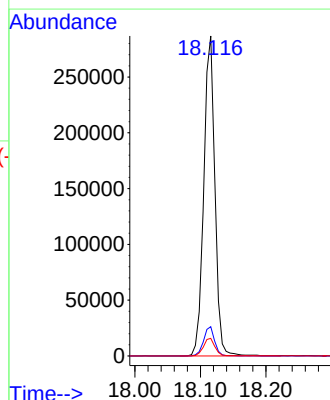
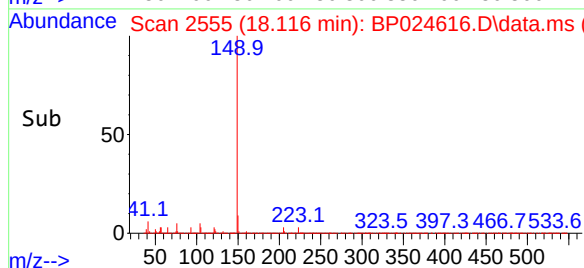
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

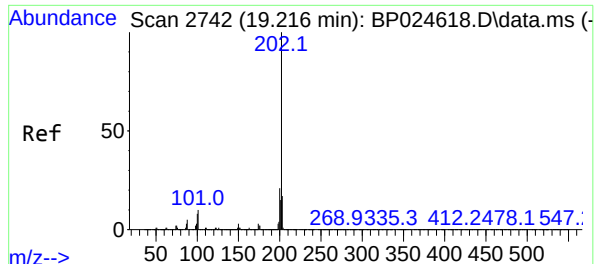


#74
Di-n-butylphthalate
Concen: 9.35 ng
RT: 18.116 min Scan# 2555
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



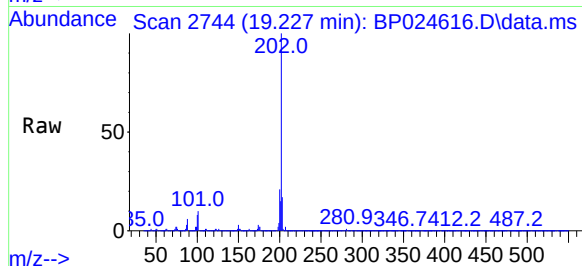
Tgt Ion:149 Resp: 338893
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 9.65 ng
RT: 19.227 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

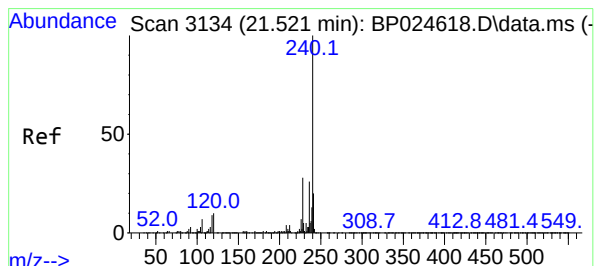
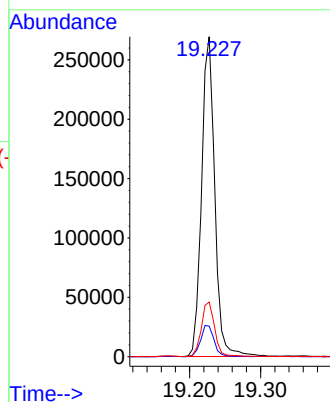
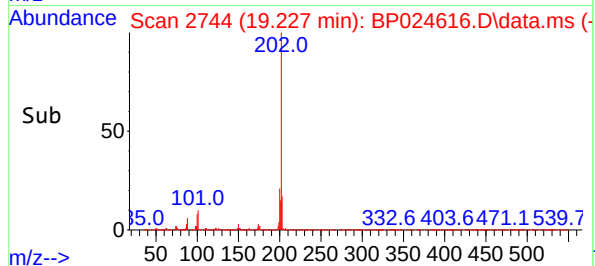
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 349083
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.3
203 17.1 0.0 37.5

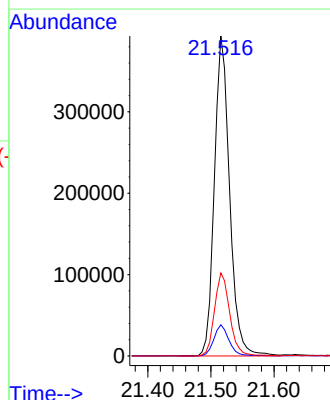
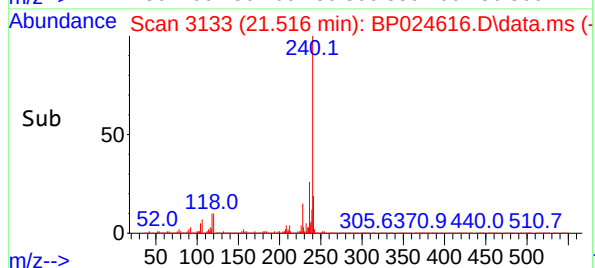
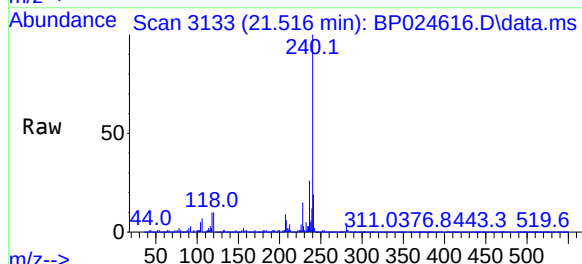
Manual Integrations
APPROVED

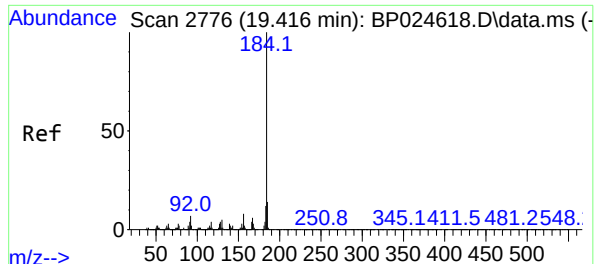
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

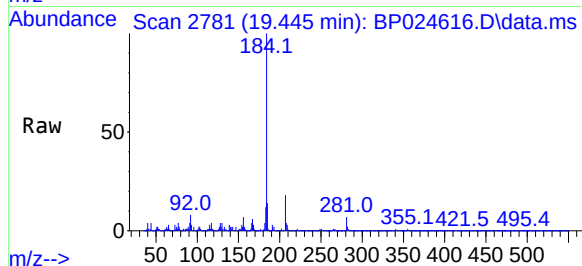
Tgt Ion:240 Resp: 659092
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 25.9 20.6 31.0





#77
Benzidine
Concen: 6.59 ng m
RT: 19.445 min Scan# 21
Delta R.T. 0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

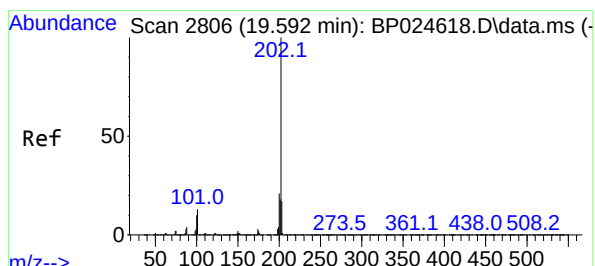
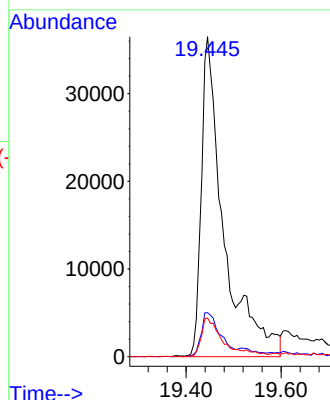
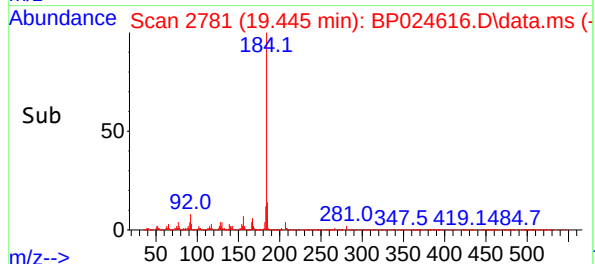
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 119229
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 12.1 9.8 14.8

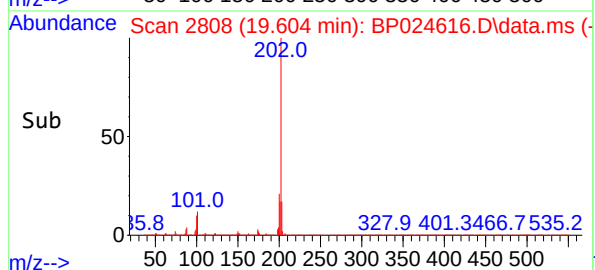
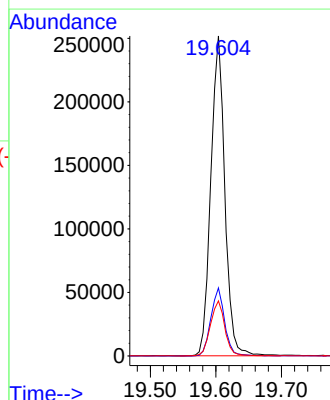
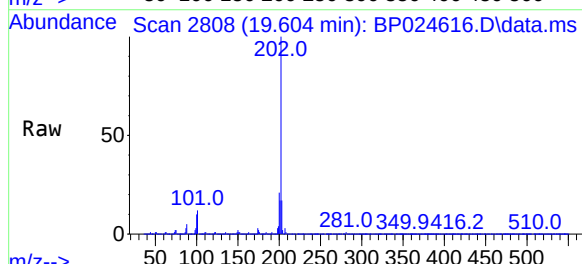
Manual Integrations
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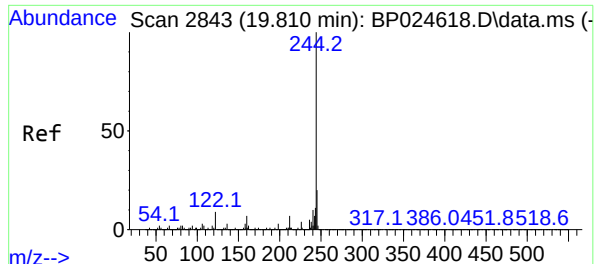
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#78
Pyrene
Concen: 9.48 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:202 Resp: 374573
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.2 13.9 20.9





#79
Terphenyl-d14
Concen: 19.09 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

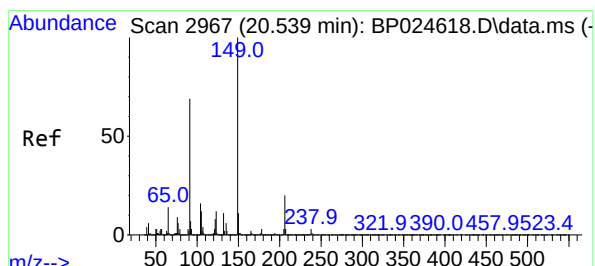
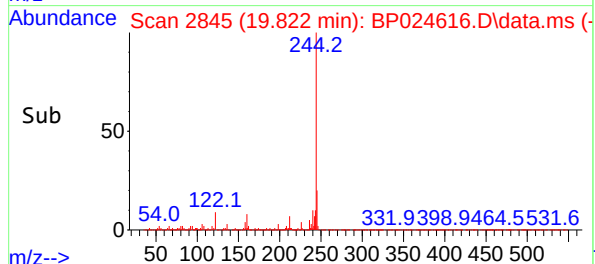
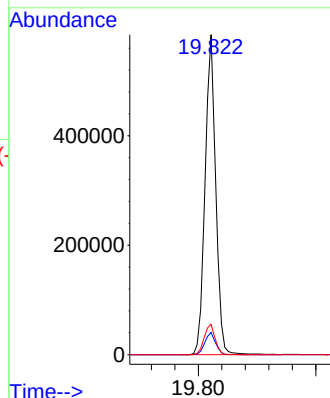
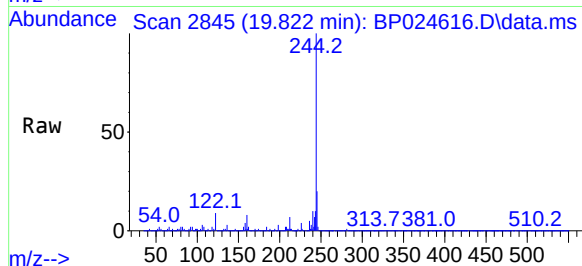
SSTDICC010

Tgt Ion:244 Resp: 73368
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.5 7.4 11.0

Manual Integrations

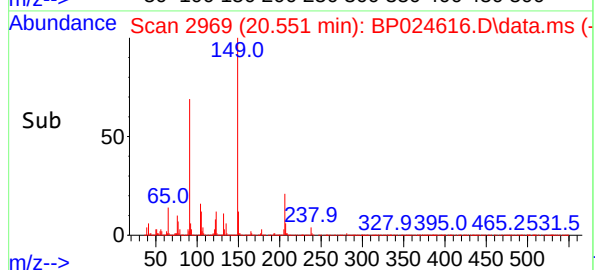
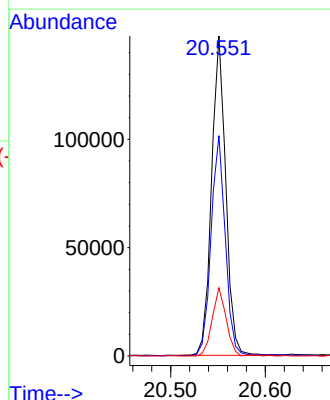
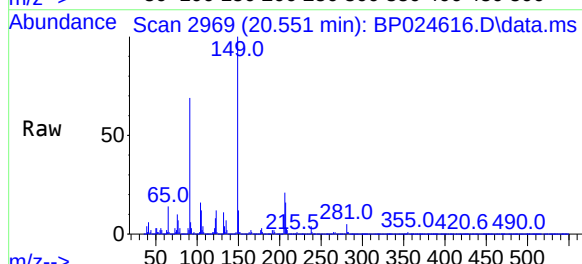
APPROVED

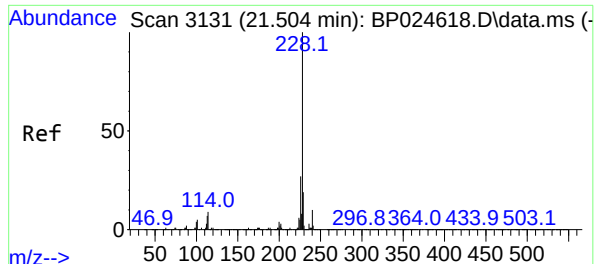
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#80
Butylbenzylphthalate
Concen: 8.73 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

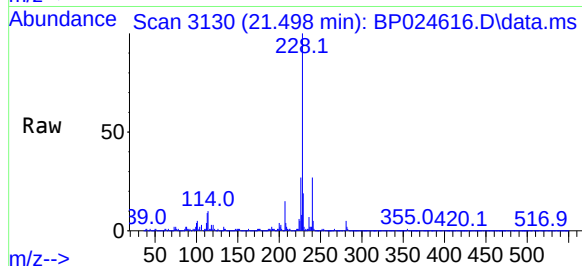
Tgt Ion:149 Resp: 153275
Ion Ratio Lower Upper
149 100
91 68.8 55.4 83.0
206 21.3 16.2 24.2





#81
Benzo(a)anthracene
Concen: 9.70 ng
RT: 21.498 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

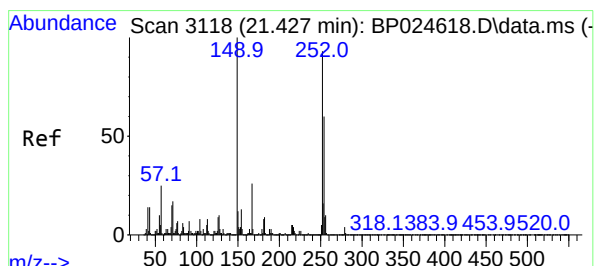
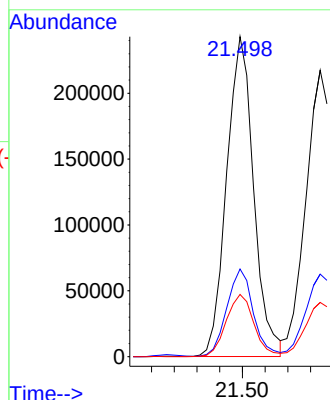
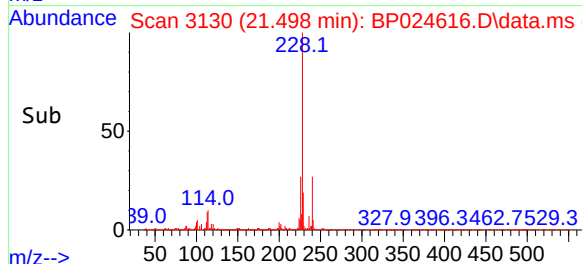
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



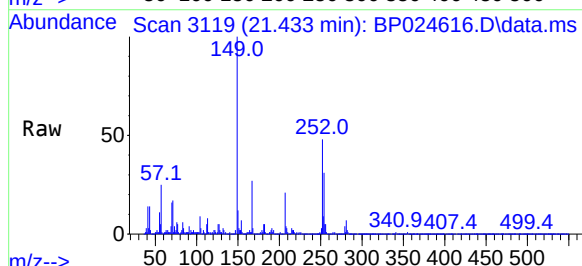
Tgt Ion:228 Resp: 40132
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.5 15.5 23.3

Manual Integrations
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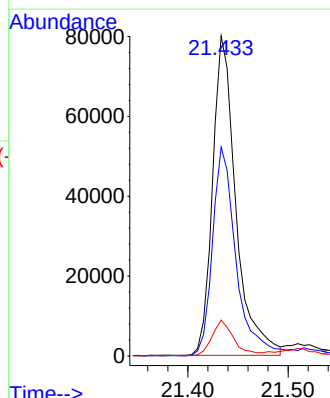
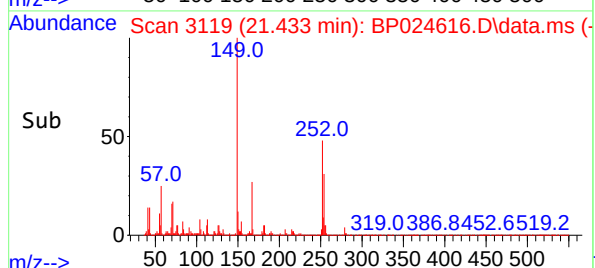
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

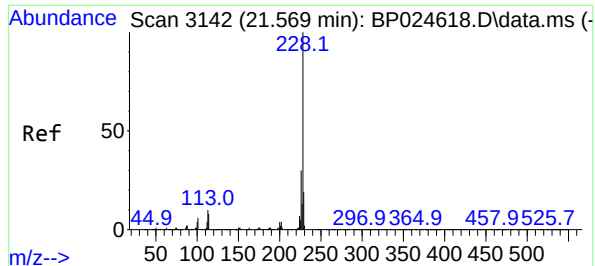


#82
3,3'-Dichlorobenzidine
Concen: 8.41 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



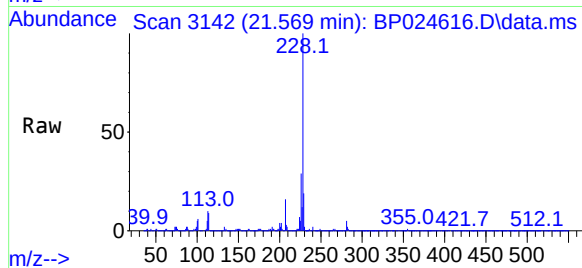
Tgt Ion:252 Resp: 129324
Ion Ratio Lower Upper
252 100
254 65.2 51.8 77.6
126 11.2 7.7 11.5





#83
Chrysene
Concen: 9.91 ng
RT: 21.569 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

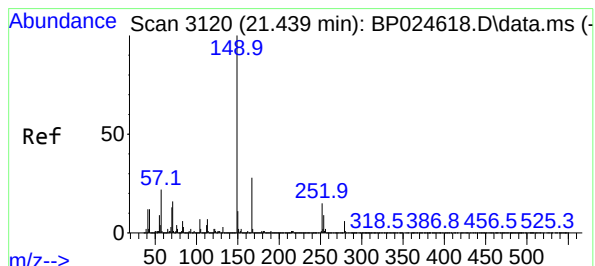
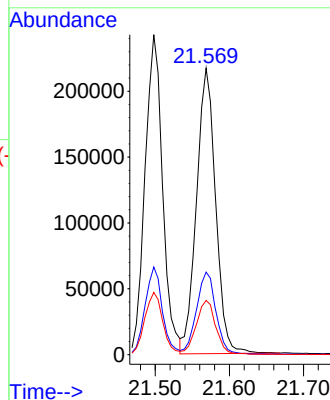
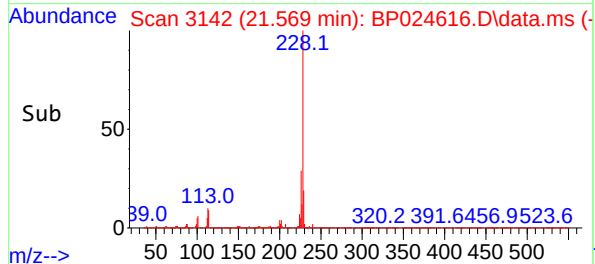
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



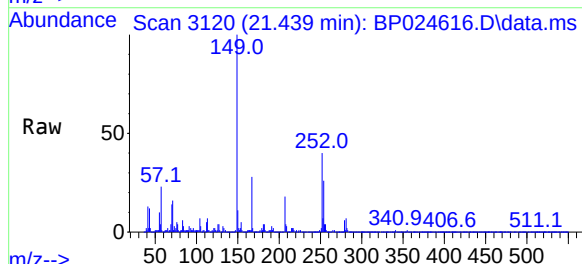
Tgt Ion:228 Resp: 388840
Ion Ratio Lower Upper
228 100
226 28.8 23.9 35.9
229 19.0 15.5 23.3

Manual Integrations
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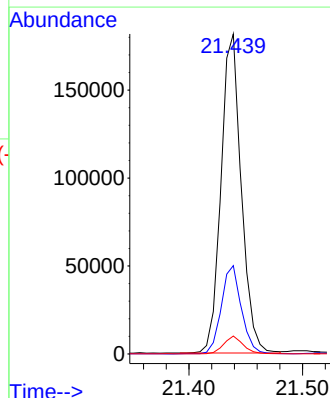
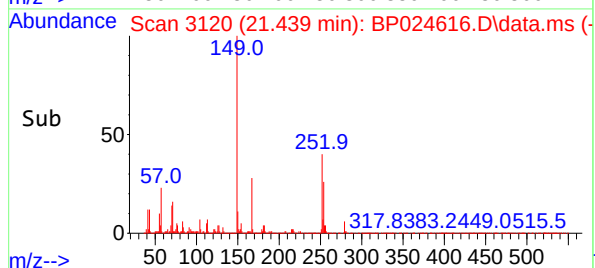
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

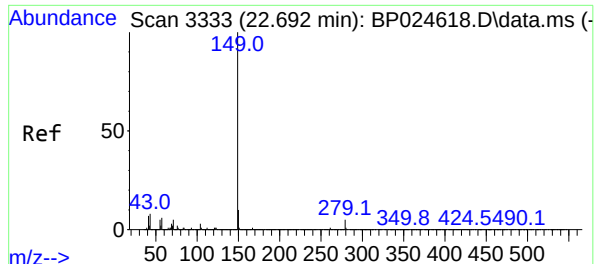


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.72 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



Tgt Ion:149 Resp: 225047
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.6 4.6 6.8





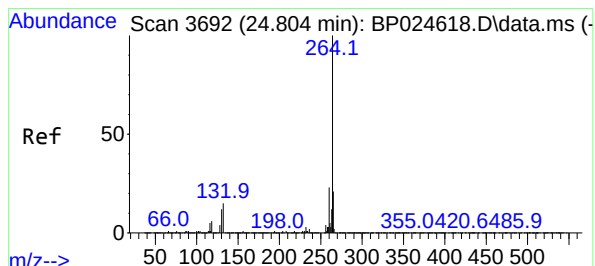
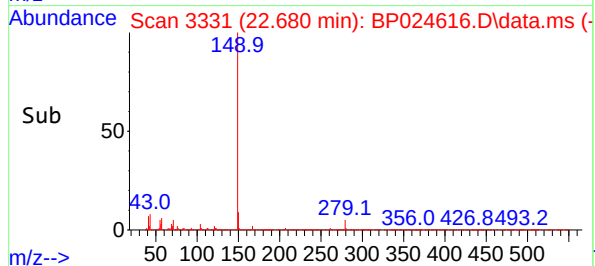
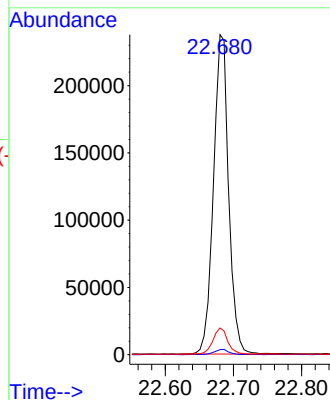
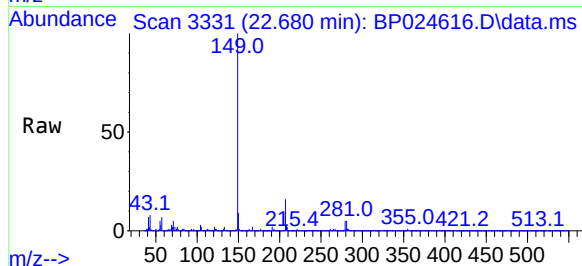
#85
Di-n-octyl phthalate
Concen: 8.72 ng
RT: 22.680 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 367934
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.0 6.3 9.5

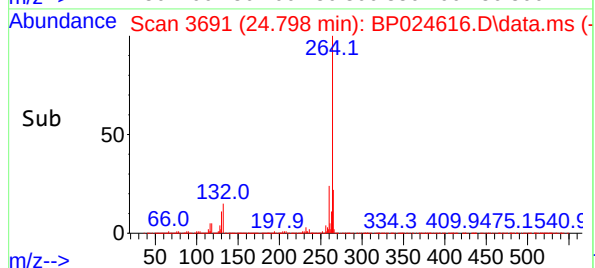
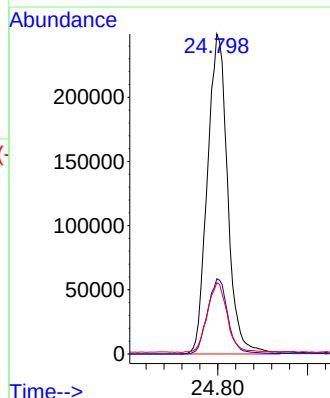
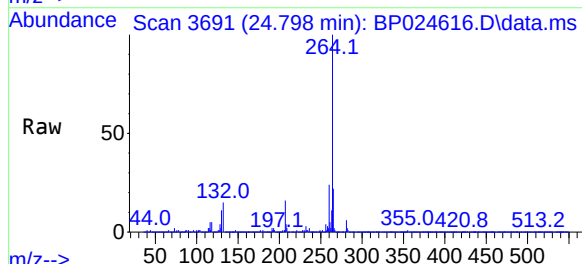
Manual Integrations
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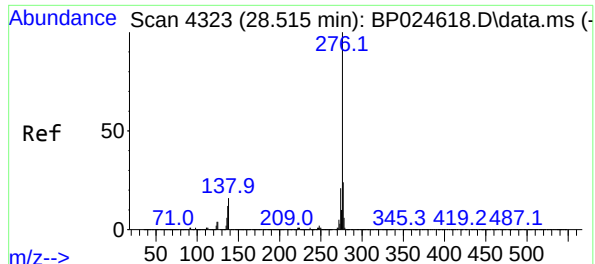
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:264 Resp: 780142
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 22.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.29 ng

RT: 28.503 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 529260

Ion Ratio Lower Upper

276 100

138 15.5 11.2 16.8

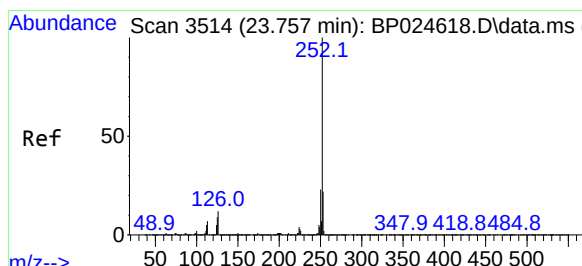
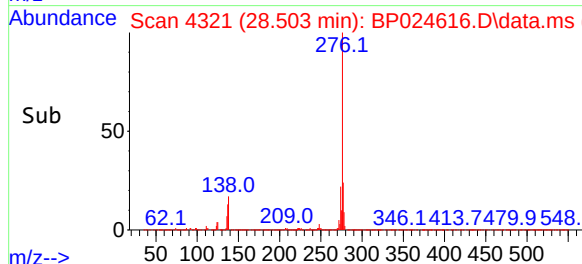
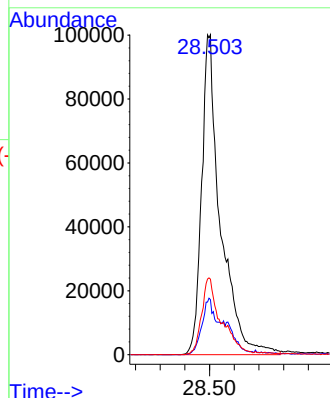
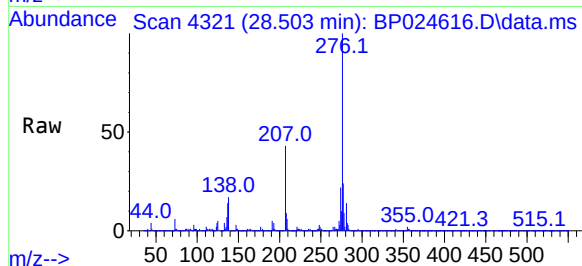
277 24.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#88

Benzo(b)fluoranthene

Concen: 9.35 ng

RT: 23.751 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

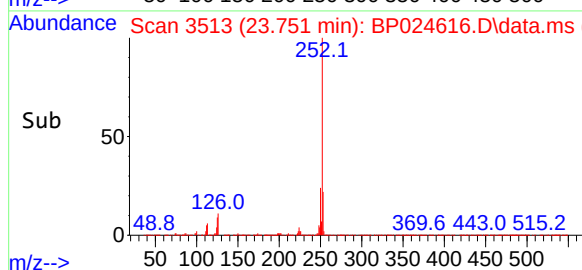
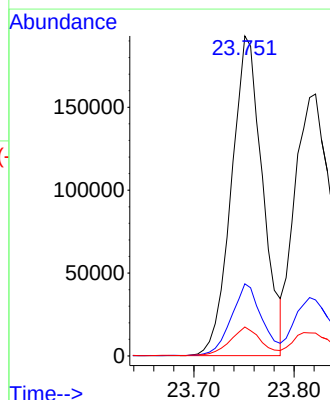
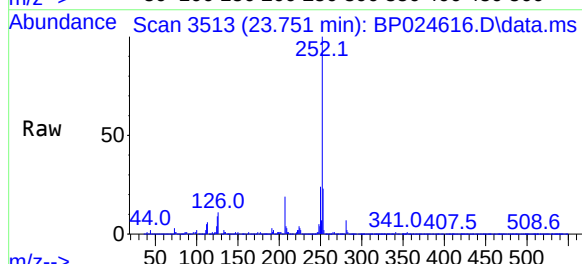
Tgt Ion:252 Resp: 417343

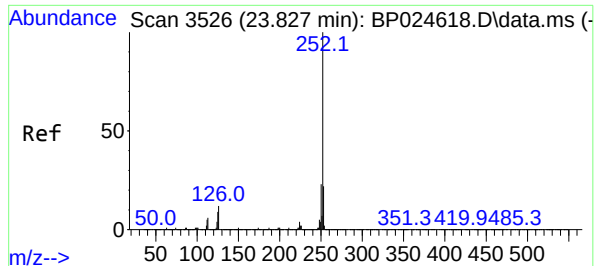
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 9.1 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 9.38 ng

RT: 23.821 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

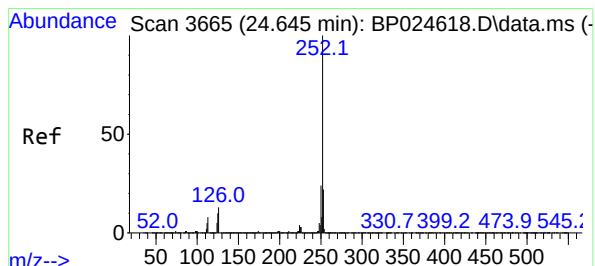
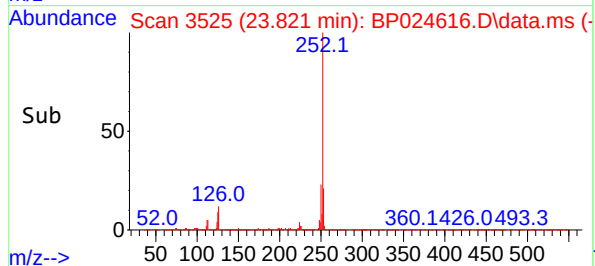
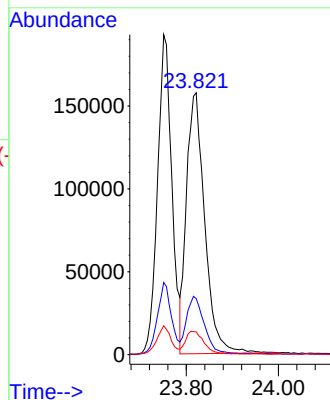
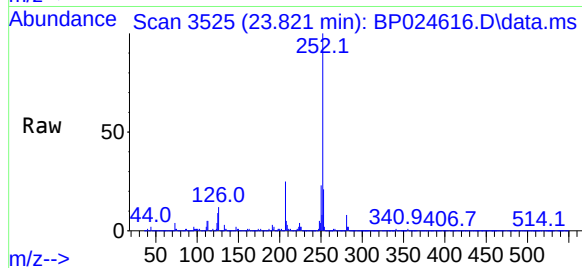
SSTDICC010

Tgt Ion:	252	Resp:	43157
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	8.7	7.0	10.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 9.10 ng

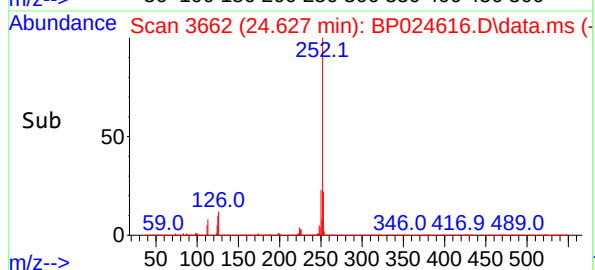
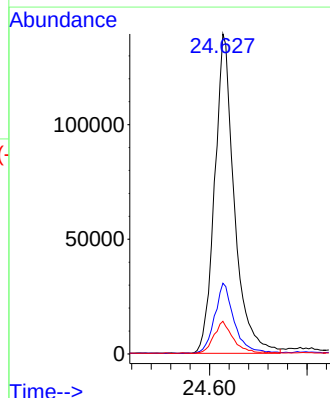
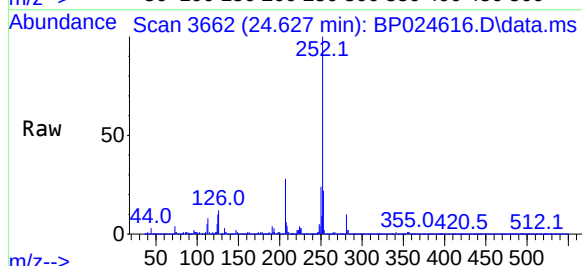
RT: 24.627 min Scan# 3662

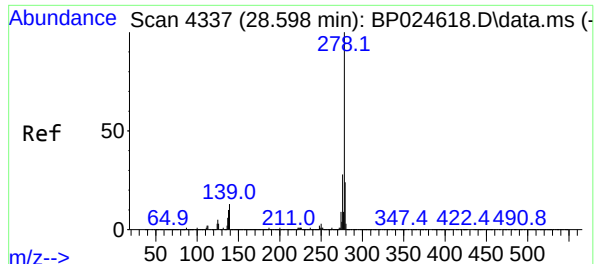
Delta R.T. -0.018 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:	252	Resp:	390288
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1





#91

Dibenzo(a,h)anthracene

Concen: 8.97 ng

RT: 28.574 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:278 Resp: 41576

Ion Ratio Lower Upper

278 100

139 12.7 10.2 15.4

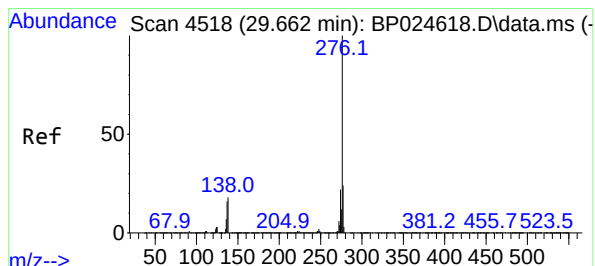
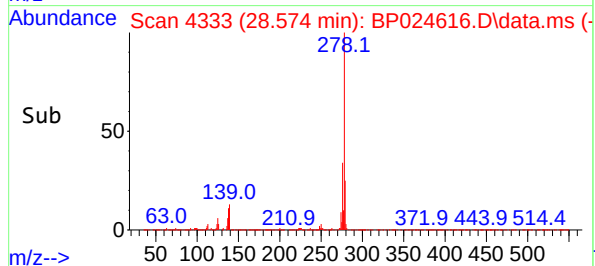
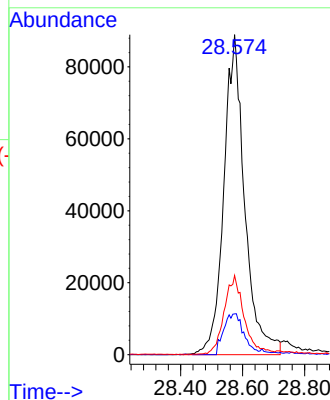
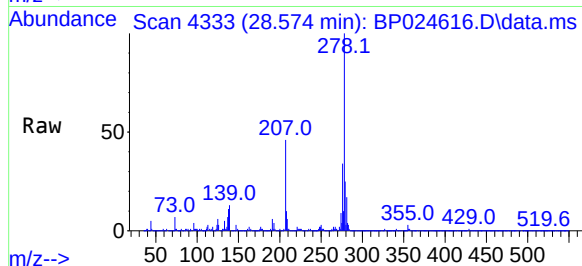
279 24.7 19.0 28.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#92

Benzo(g,h,i)perylene

Concen: 9.37 ng

RT: 29.650 min Scan# 4516

Delta R.T. -0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

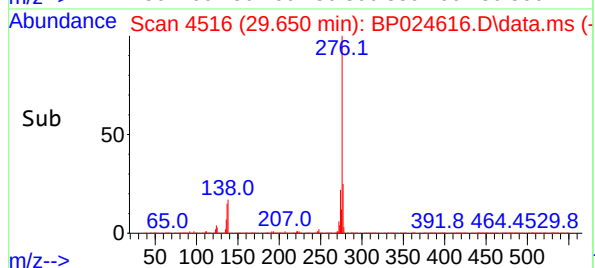
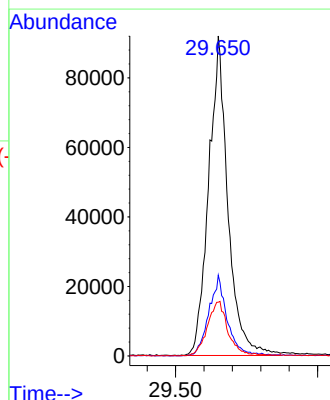
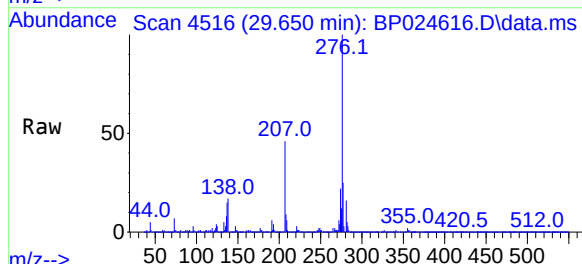
Tgt Ion:276 Resp: 431559

Ion Ratio Lower Upper

276 100

277 25.3 19.0 28.4

138 16.8 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024617.D
 Acq On : 13 May 2025 12:43
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:05:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	112650	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	488721	20.00	ng	0.00
39) Acenaphthene-d10	14.299	164	323928	20.00	ng	0.00
64) Phenanthrene-d10	17.087	188	644367	20.00	ng	-0.01
76) Chrysene-d12	21.522	240	745224	20.00	ng	0.00
86) Perylene-d12	24.792	264	850264	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	261821	39.75	ng	0.00
7) Phenol-d6	6.858	99	334811	39.83	ng	0.00
23) Nitrobenzene-d5	8.811	82	391739	40.50	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	217092	39.53	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1006150	40.69	ng	0.00
79) Terphenyl-d14	19.810	244	1736879	39.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.229	88	60251	19.48	ng	98
3) Pyridine	3.628	79	135451	19.75	ng	99
4) n-Nitrosodimethylamine	3.540	42	59324	19.59	ng	99
6) Aniline	7.005	93	217646	20.05	ng	100
8) 2-Chlorophenol	7.240	128	147726	19.76	ng	99
9) Benzaldehyde	6.822	77	117823m	21.69	ng	
10) Phenol	6.881	94	171949	19.82	ng	99
11) bis(2-Chloroethyl)ether	7.099	93	141599	19.86	ng	99
12) 1,3-Dichlorobenzene	7.552	146	171270	19.91	ng	99
13) 1,4-Dichlorobenzene	7.699	146	171756	19.85	ng	98
14) 1,2-Dichlorobenzene	8.011	146	168795	20.02	ng	99
15) Benzyl Alcohol	7.911	79	127076	19.89	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	171274	20.06	ng	100
17) 2-Methylphenol	8.111	107	124506	20.01	ng	99
18) Hexachloroethane	8.728	117	65527	19.76	ng	97
19) n-Nitroso-di-n-propyla...	8.458	70	122386	21.05	ng	98
20) 3+4-Methylphenols	8.440	107	169264	20.00	ng	97
22) Acetophenone	8.481	105	249692	20.45	ng	# 100
24) Nitrobenzene	8.858	77	173686	20.40	ng	99
25) Isophorone	9.375	82	339697	20.25	ng	100
26) 2-Nitrophenol	9.563	139	82278	19.73	ng	98
27) 2,4-Dimethylphenol	9.622	122	146819	19.96	ng	97
28) bis(2-Chloroethoxy)met...	9.852	93	200872	20.04	ng	99
29) 2,4-Dichlorophenol	10.099	162	141785	19.90	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	159998	19.92	ng	95
31) Naphthalene	10.481	128	512888	20.25	ng	100
32) Benzoic acid	9.746	122	71538m	18.73	ng	
33) 4-Chloroaniline	10.605	127	205433	20.10	ng	99
34) Hexachlorobutadiene	10.763	225	103364	19.87	ng	99
35) Caprolactam	11.381	113	50721	19.68	ng	99
36) 4-Chloro-3-methylphenol	11.734	107	174840	20.12	ng	99
37) 2-Methylnaphthalene	12.093	142	327447	19.97	ng	99
38) 1-Methylnaphthalene	12.316	142	352091	20.07	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	185982	19.77	ng	99
41) Hexachlorocyclopentadiene	12.440	237	113499	19.90	ng	98
43) 2,4,6-Trichlorophenol	12.722	196	121520	19.95	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024617.D
 Acq On : 13 May 2025 12:43
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:05:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	135306	19.95	ng	98
46) 1,1'-Biphenyl	13.116	154	483352	20.19	ng	100
47) 2-Chloronaphthalene	13.163	162	366247	20.06	ng	100
48) 2-Nitroaniline	13.375	65	107062	19.81	ng	98
49) Acenaphthylene	14.016	152	621997	20.36	ng	100
50) Dimethylphthalate	13.751	163	491623	19.91	ng	99
51) 2,6-Dinitrotoluene	13.869	165	105479	20.23	ng	97
52) Acenaphthene	14.357	154	354519	20.19	ng	99
53) 3-Nitroaniline	14.210	138	106527	20.01	ng	98
54) 2,4-Dinitrophenol	14.428	184	46351	19.37	ng	91
55) Dibenzofuran	14.698	168	563719	20.12	ng	99
56) 4-Nitrophenol	14.551	139	71975	19.02	ng	93
57) 2,4-Dinitrotoluene	14.675	165	147676	20.09	ng	99
58) Fluorene	15.357	166	456792	20.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	123265	19.59	ng	99
60) Diethylphthalate	15.128	149	497916	19.95	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	226790	19.91	ng	98
62) 4-Nitroaniline	15.393	138	105617	20.37	ng	99
63) Azobenzene	15.651	77	439183	20.57	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	77131	18.53	ng	96
66) n-Nitrosodiphenylamine	15.575	169	404085	20.42	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	152393	20.07	ng	97
68) Hexachlorobenzene	16.381	284	192290	19.93	ng	99
69) Atrazine	16.545	200	146468	20.19	ng	99
70) Pentachlorophenol	16.740	266	104916	19.36	ng	98
71) Phenanthrene	17.128	178	724922	20.24	ng	100
72) Anthracene	17.222	178	735787	20.42	ng	100
73) Carbazole	17.510	167	669730	20.53	ng	99
74) Di-n-butylphthalate	18.092	149	858522	20.46	ng	100
75) Fluoranthene	19.210	202	846684	20.22	ng	100
77) Benzidine	19.422	184	404890	19.79	ng	99
78) Pyrene	19.592	202	892037	19.98	ng	99
80) Butylbenzylphthalate	20.539	149	400050	20.14	ng	97
81) Benzo(a)anthracene	21.498	228	933614	19.95	ng	99
82) 3,3'-Dichlorobenzidine	21.428	252	353000	20.31	ng	100
83) Chrysene	21.569	228	883001	19.91	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	597012	20.45	ng	98
85) Di-n-octyl phthalate	22.686	149	947571	19.85	ng	99
87) Indeno(1,2,3-cd)pyrene	28.486	276	1230125m	19.81	ng	
88) Benzo(b)fluoranthene	23.757	252	979873	20.13	ng	99
89) Benzo(k)fluoranthene	23.822	252	1005349	20.05	ng	100
90) Benzo(a)pyrene	24.627	252	945764	20.23	ng	100
91) Dibenzo(a,h)anthracene	28.568	278	1008288	19.97	ng	99
92) Benzo(g,h,i)perylene	29.627	276	991852	19.75	ng	99

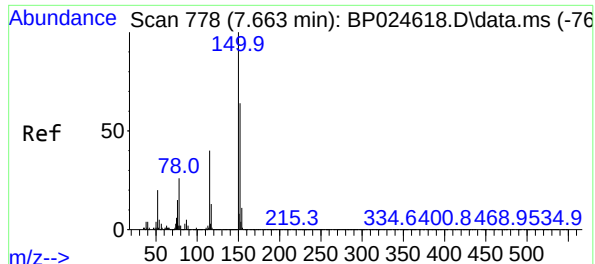
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

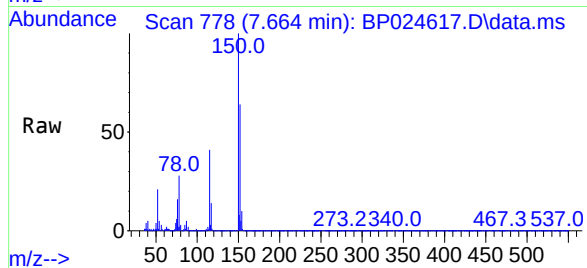
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

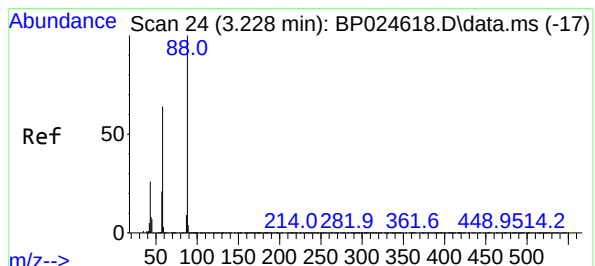
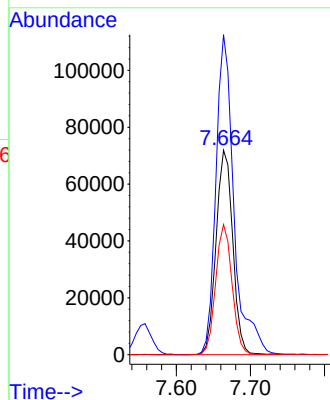
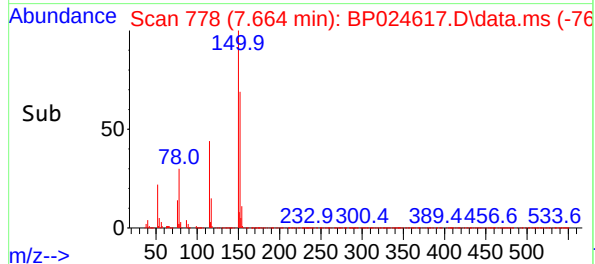
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 112650
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 63.6 50.1 75.1

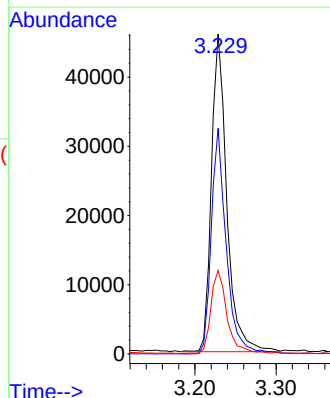
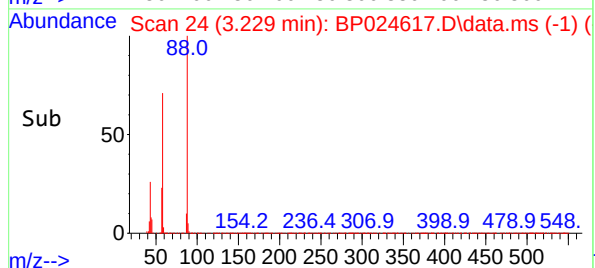
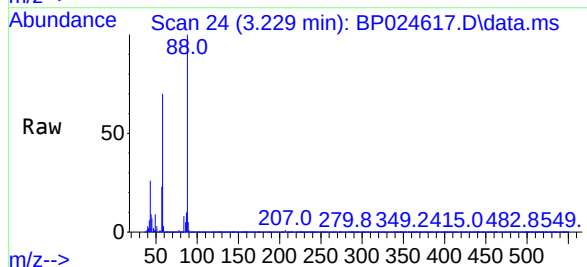
Manual Integrations
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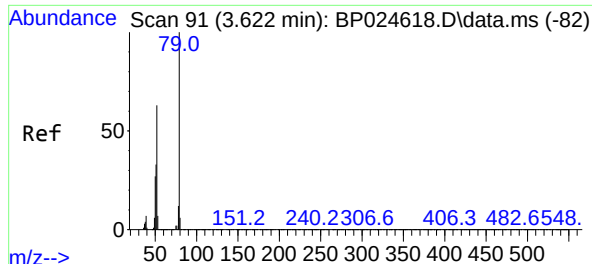
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 19.48 ng
RT: 3.229 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 88 Resp: 60251
Ion Ratio Lower Upper
88 100
58 69.2 54.0 81.0
43 27.3 21.4 32.0





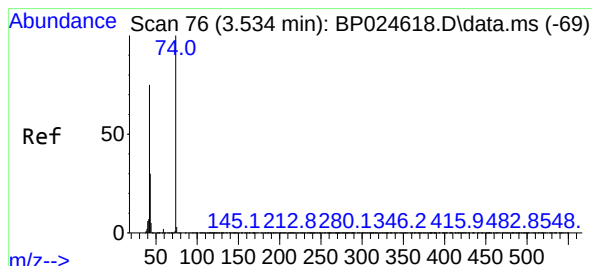
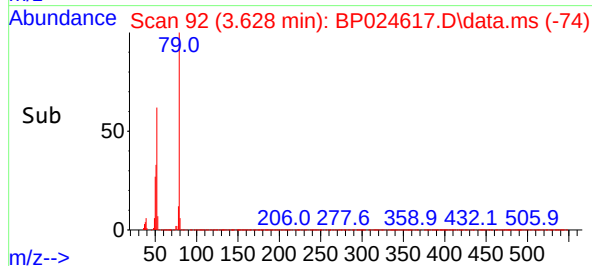
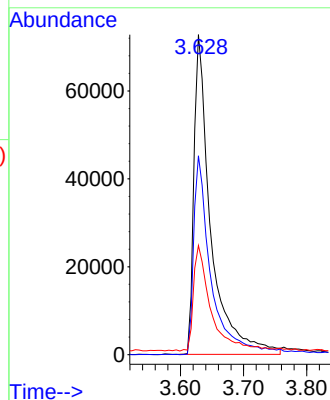
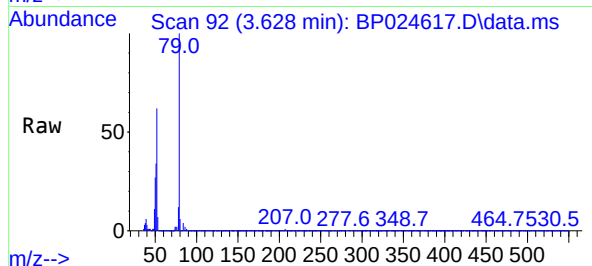
#3
Pyridine
Concen: 19.75 ng
RT: 3.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion: 79 Resp: 13545
Ion Ratio Lower Upper
79 100
52 62.1 50.2 75.2
51 34.1 26.8 40.2

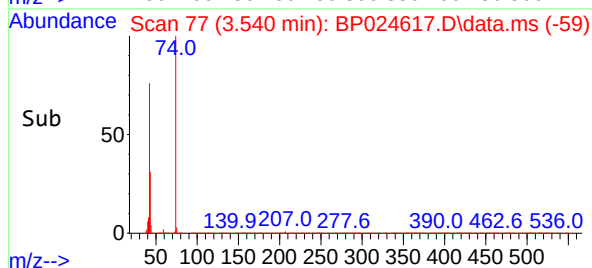
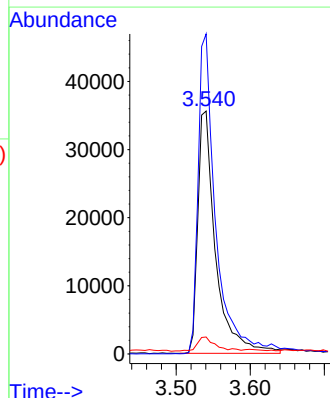
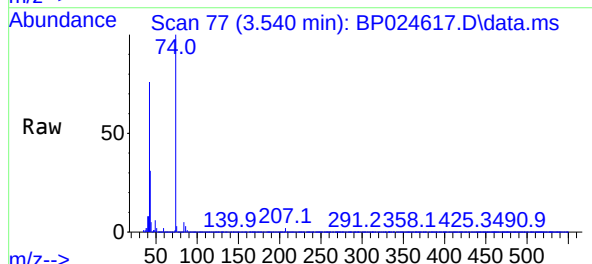
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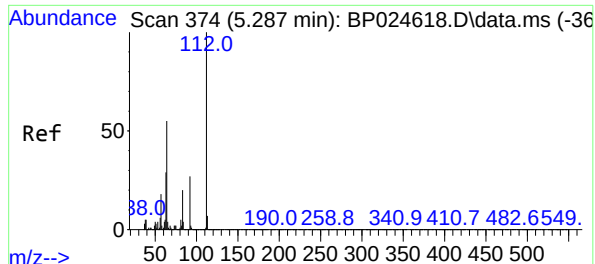
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#4
n-Nitrosodimethylamine
Concen: 19.59 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

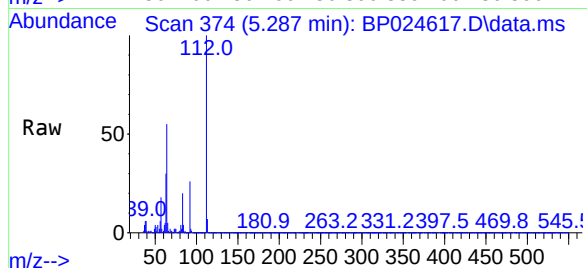
Tgt Ion: 42 Resp: 59324
Ion Ratio Lower Upper
42 100
74 131.7 106.2 159.2
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 39.75 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

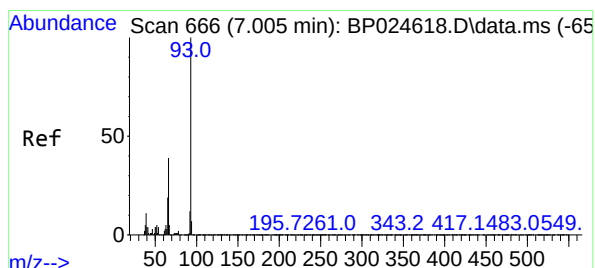
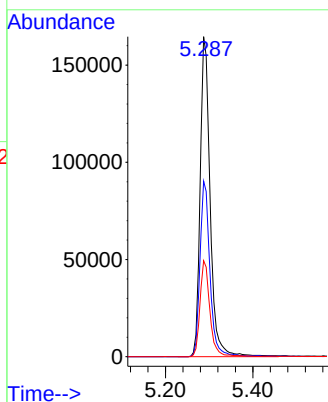
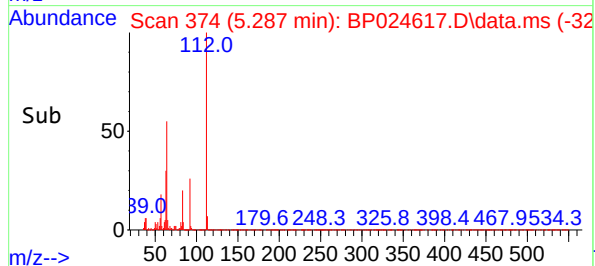
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 112 Resp: 26182
Ion Ratio Lower Upper
112 100
64 54.8 44.1 66.1
63 30.0 23.5 35.3

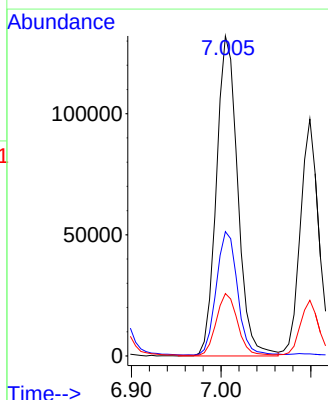
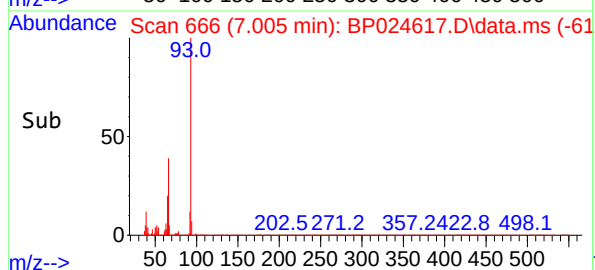
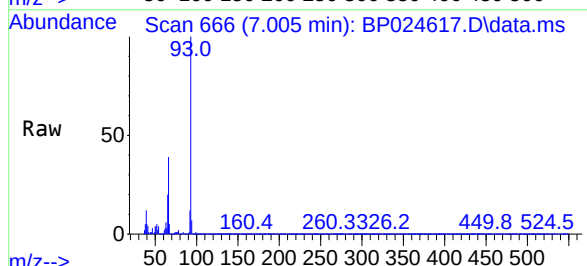
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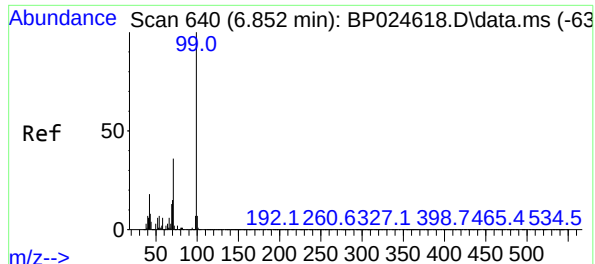
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 20.05 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

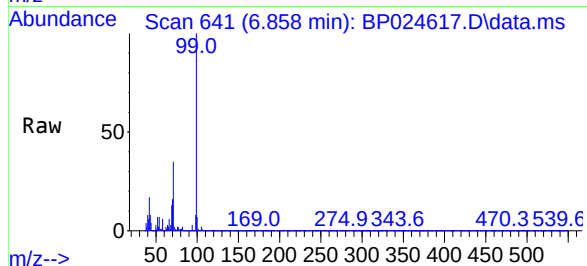
Tgt Ion: 93 Resp: 217646
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.5 15.5 23.3





#7
Phenol-d6
Concen: 39.83 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

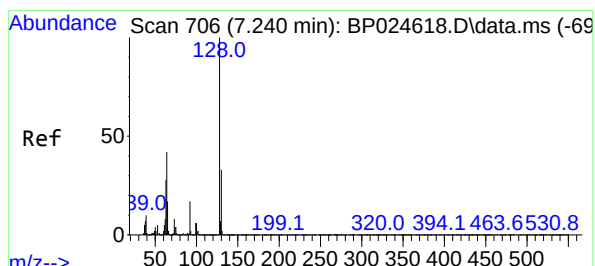
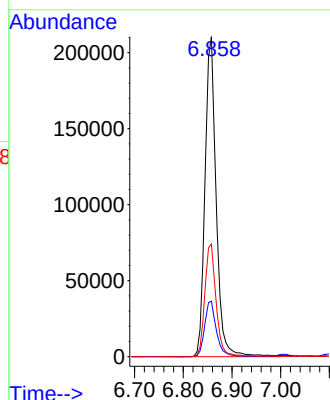
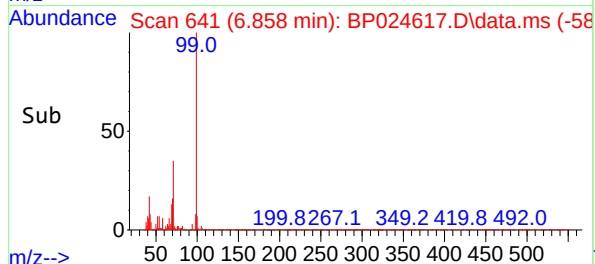
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 33481
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 35.3 29.2 43.8

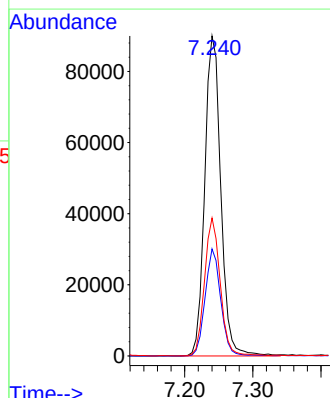
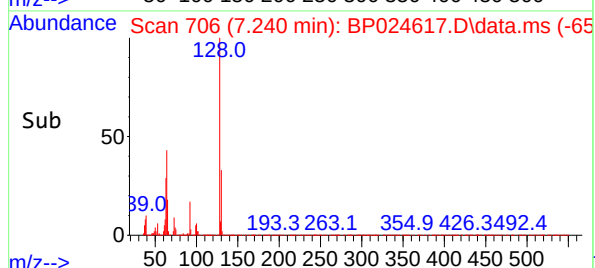
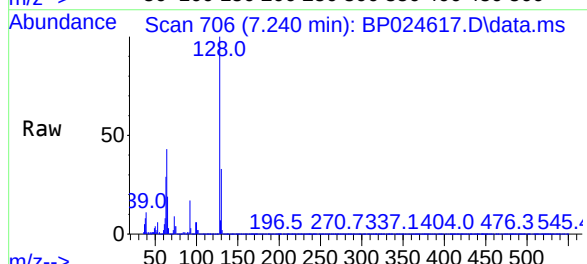
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Supervised By :Jagrut Upadhyay 05/14/2025

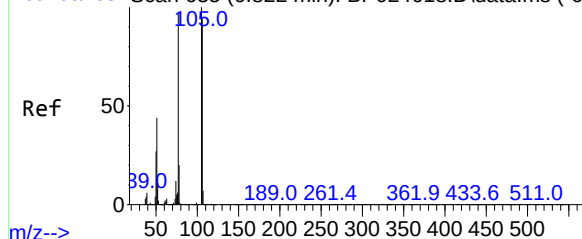


#8
2-Chlorophenol
Concen: 19.76 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:128 Resp: 147726
Ion Ratio Lower Upper
128 100
130 33.5 13.0 53.0
64 43.1 22.3 62.3



Abundance Scan 635 (6.822 min): BP024618.D\data.ms (-62



#9

Benzaldehyde

Concen: 21.69 ng m

RT: 6.822 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 11782

Ion Ratio Lower Upper

77 100

105 98.5 83.3 123.3

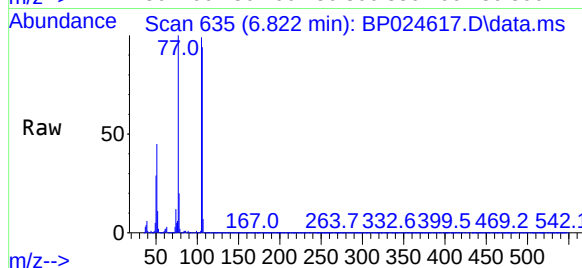
106 94.4 78.0 118.0

Manual Integrations

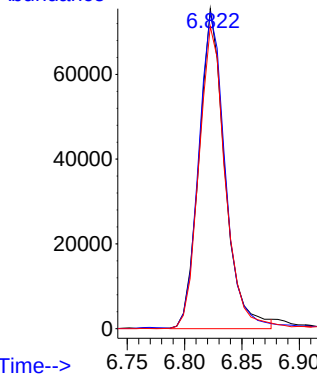
APPROVED

Reviewed By :Rahul Chavli 05/14/2025

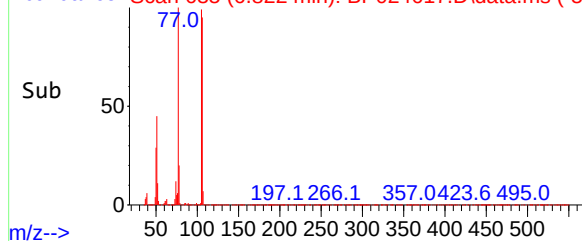
Supervised By :Jagrut Upadhyay 05/14/2025



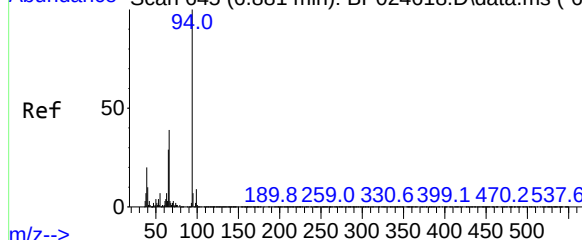
Abundance



Abundance Scan 635 (6.822 min): BP024617.D\data.ms (-58



Abundance Scan 645 (6.881 min): BP024618.D\data.ms (-63



#10

Phenol

Concen: 19.82 ng

RT: 6.881 min Scan# 645

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

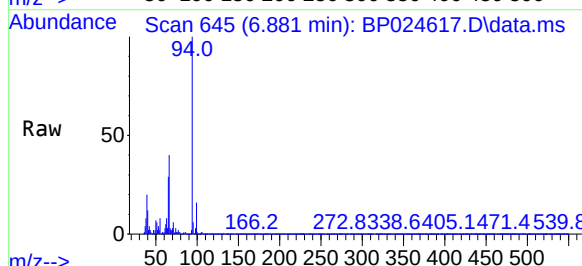
Tgt Ion: 94 Resp: 171949

Ion Ratio Lower Upper

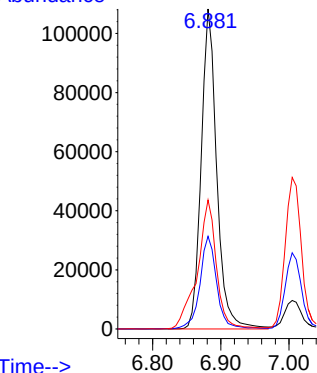
94 100

65 28.9 8.7 48.7

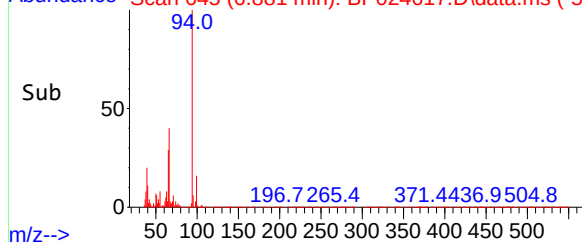
66 40.3 19.4 59.4

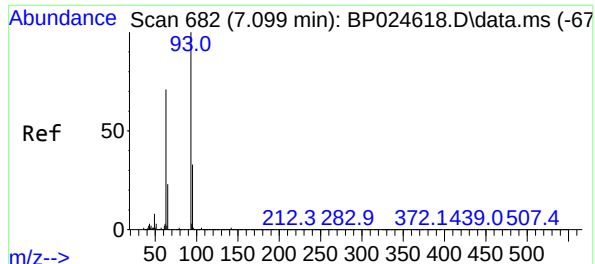


Abundance



Abundance Scan 645 (6.881 min): BP024617.D\data.ms (-59





#11

bis(2-Chloroethyl)ether

Concen: 19.86 ng

RT: 7.099 min Scan# 682

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 141599

Ion Ratio Lower Upper

93 100

63 69.4 50.6 90.6

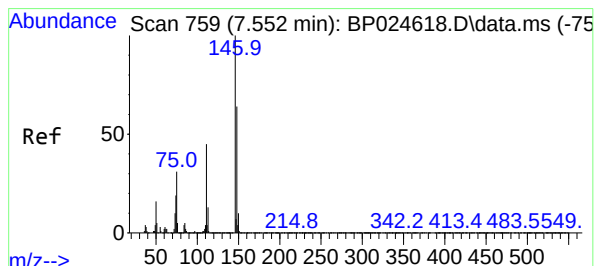
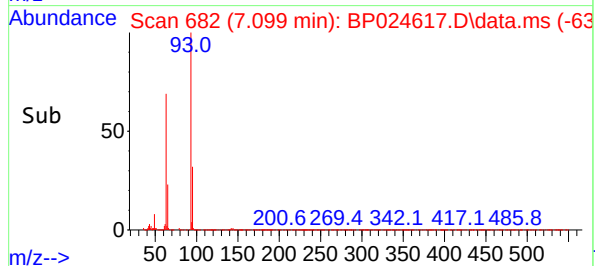
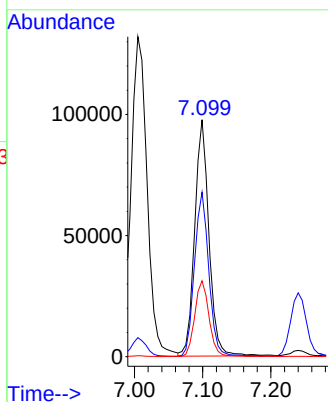
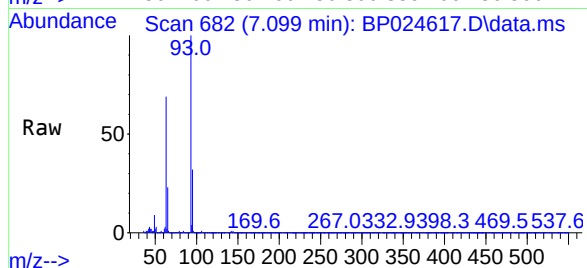
95 32.0 12.9 52.9

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Supervised By :Jagrut Upadhyay 05/14/2025



#12

1,3-Dichlorobenzene

Concen: 19.91 ng

RT: 7.552 min Scan# 759

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

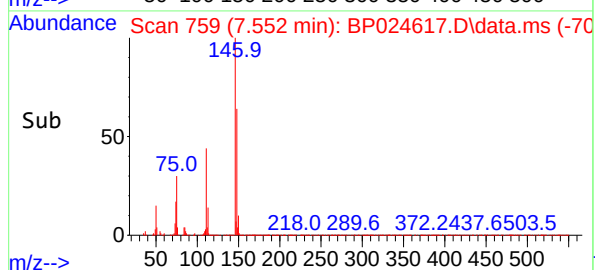
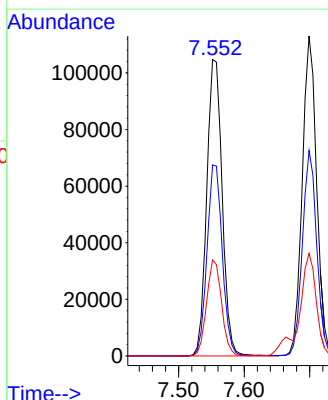
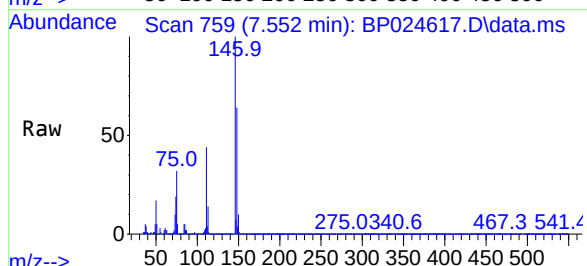
Tgt Ion:146 Resp: 171270

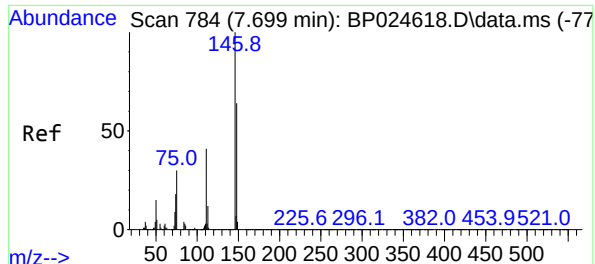
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

75 32.4 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 19.85 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 171750

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

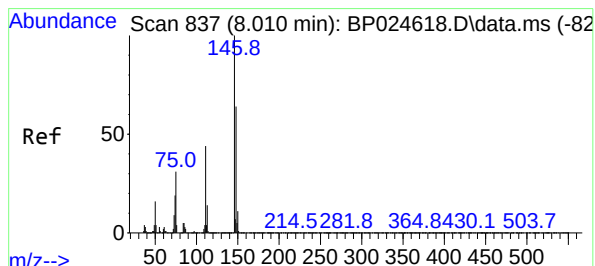
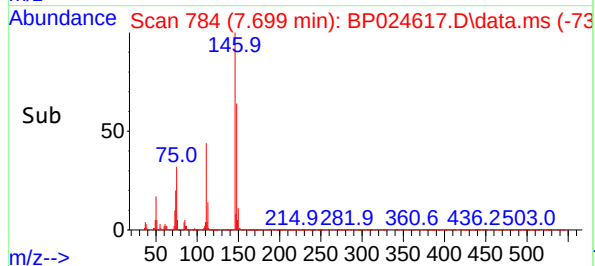
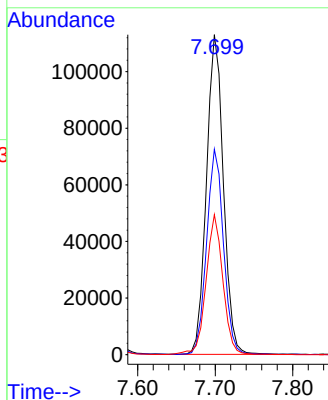
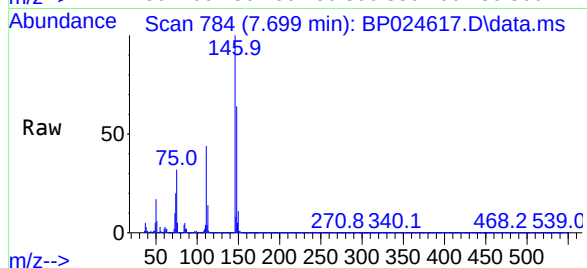
111 43.7 33.0 49.6

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 20.02 ng

RT: 8.011 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

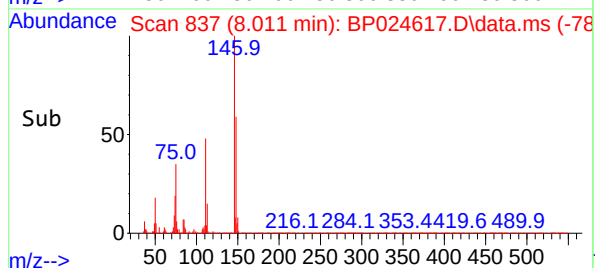
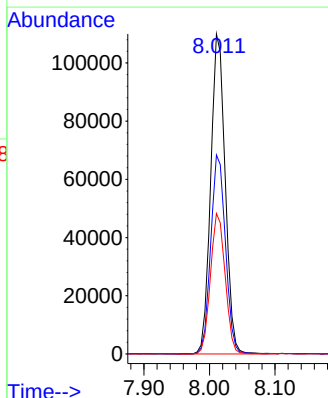
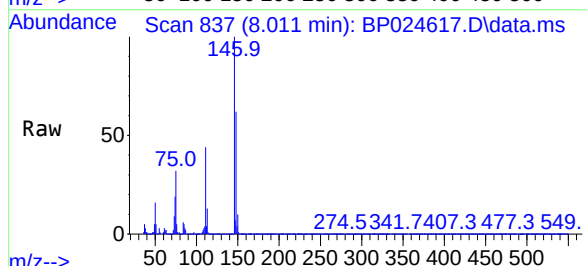
Tgt Ion:146 Resp: 168795

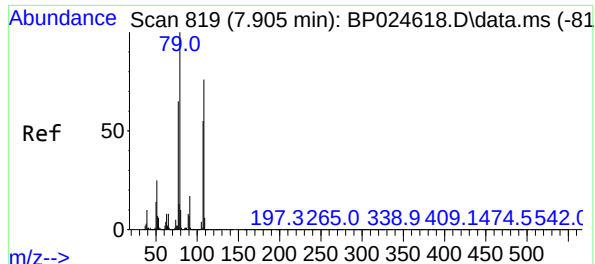
Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.4

111 43.9 35.2 52.8





#15

Benzyl Alcohol

Concen: 19.89 ng

RT: 7.911 min Scan# 819

Delta R.T. 0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 127070

Ion Ratio Lower Upper

79 100

108 74.8 60.8 91.2

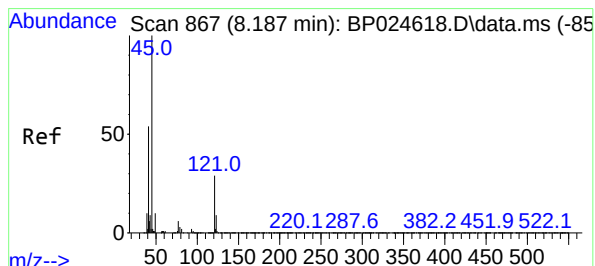
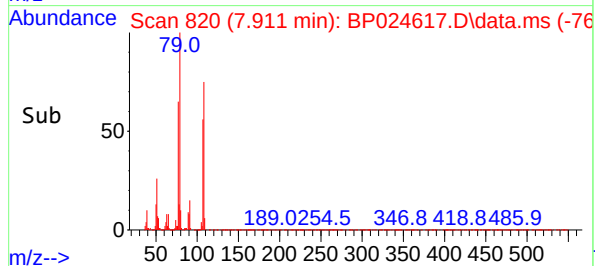
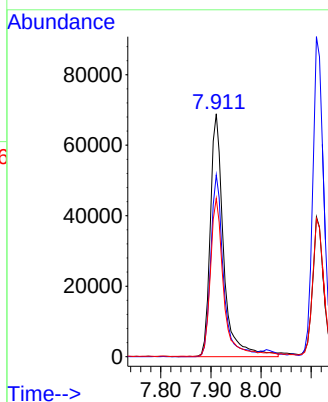
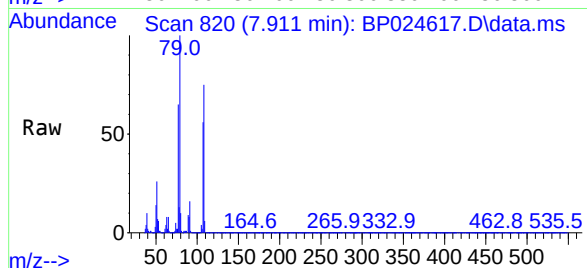
77 65.1 51.9 77.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.06 ng

RT: 8.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

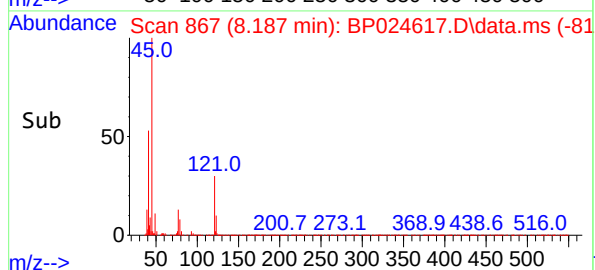
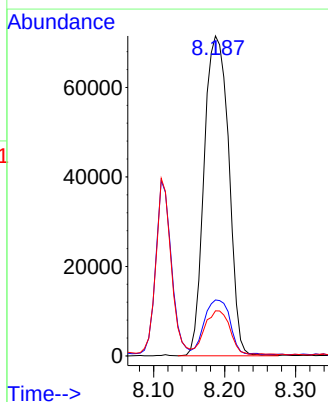
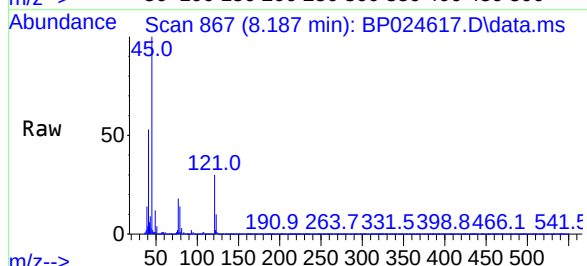
Tgt Ion: 45 Resp: 171274

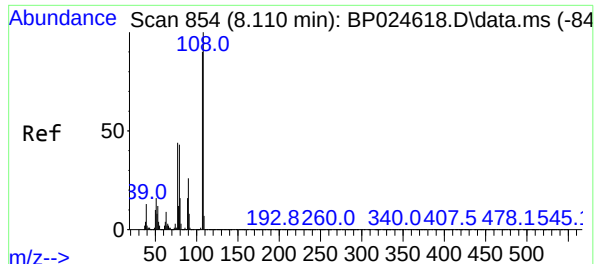
Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.7

79 14.1 0.0 34.0





#17

2-Methylphenol

Concen: 20.01 ng

RT: 8.111 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 124500

Ion Ratio Lower Upper

107 100

108 110.8 88.9 133.3

77 47.9 39.0 58.6

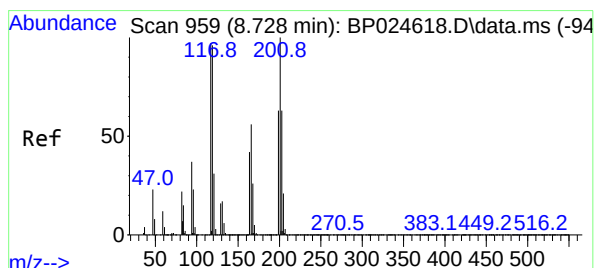
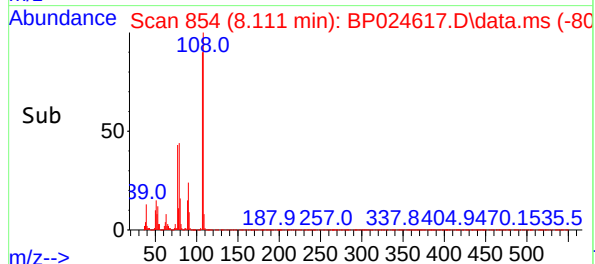
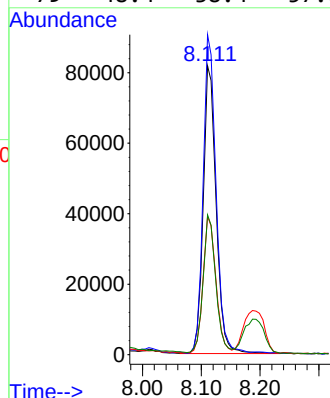
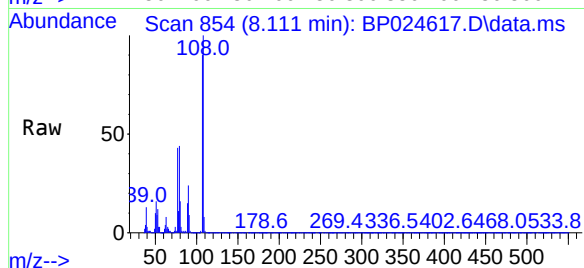
79 48.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 19.76 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

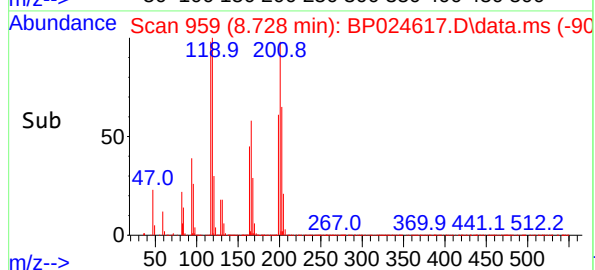
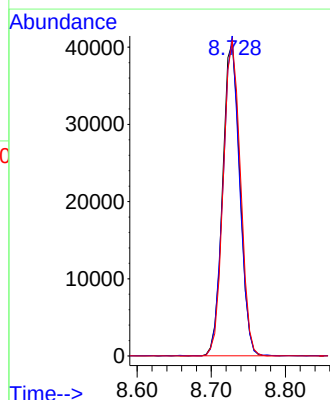
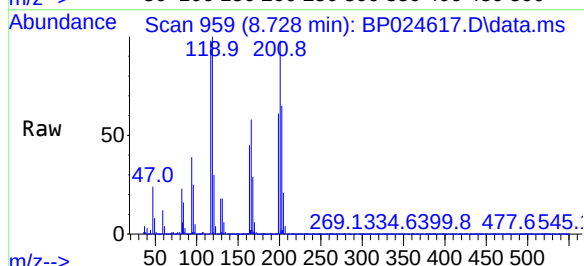
Tgt Ion:117 Resp: 65527

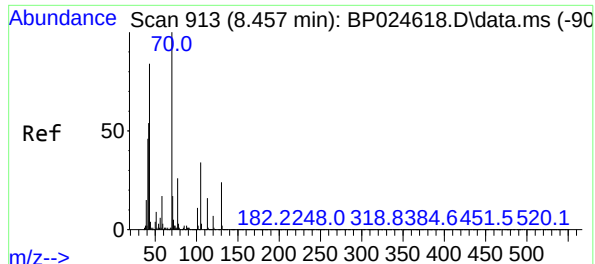
Ion Ratio Lower Upper

117 100

119 102.4 79.4 119.0

201 100.8 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 21.05 ng

RT: 8.458 min Scan# 913

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 122380

Ion Ratio Lower Upper

70 100

42 52.1 43.0 64.6

101 10.5 8.7 13.1

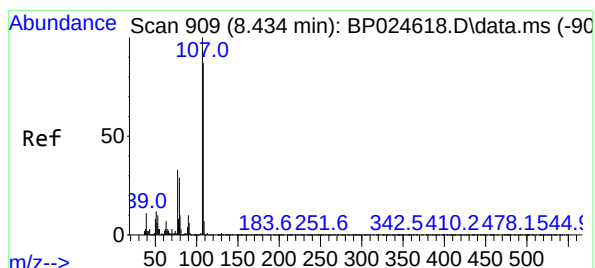
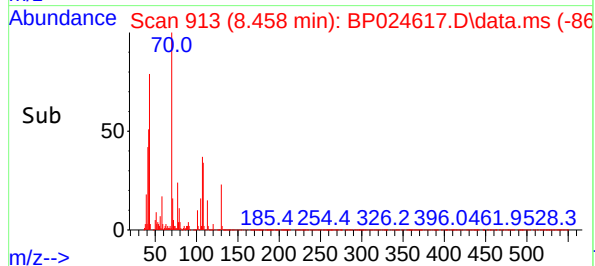
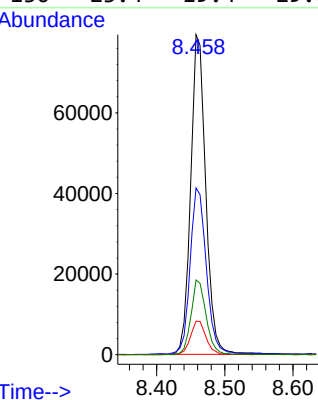
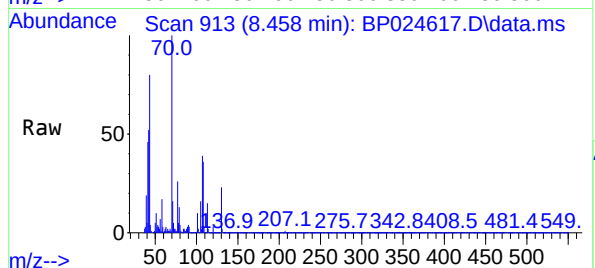
130 23.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 20.00 ng

RT: 8.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 169264

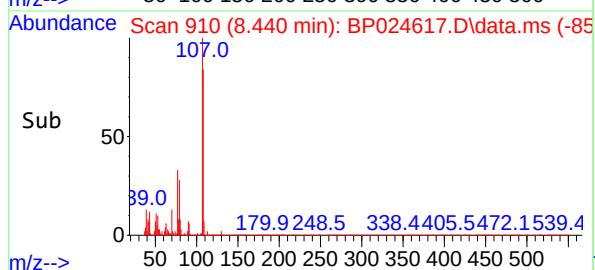
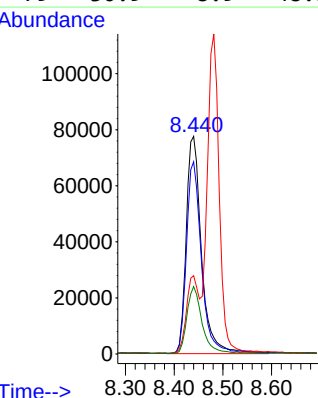
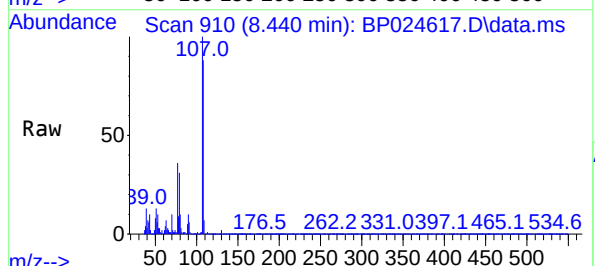
Ion Ratio Lower Upper

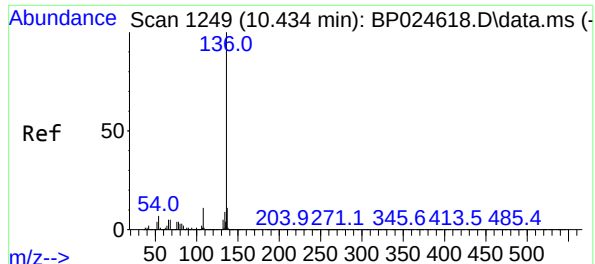
107 100

108 88.3 66.7 106.7

77 35.9 13.1 53.1

79 30.9 8.9 48.9





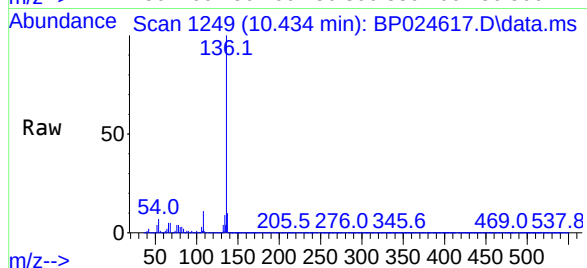
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

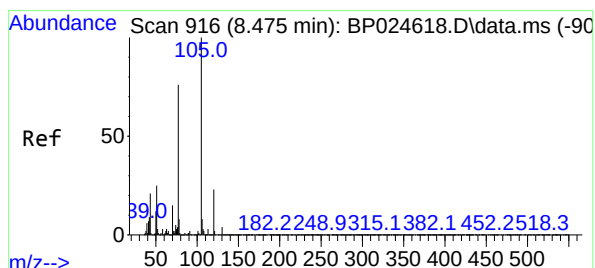
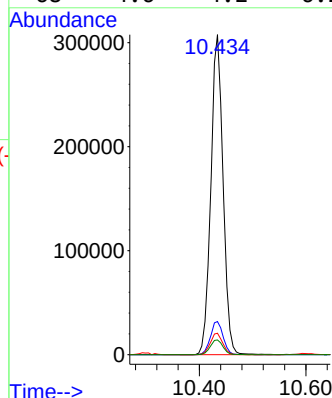
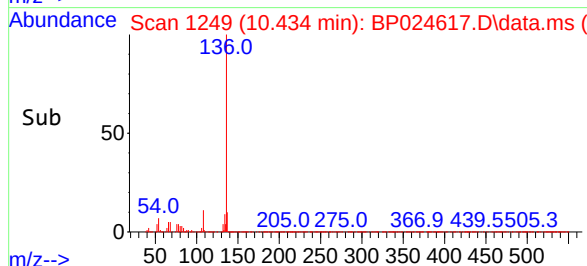


Tgt Ion:136 Resp: 48872
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.7 5.5 8.3
68 4.6 4.2 6.2

Manual Integrations

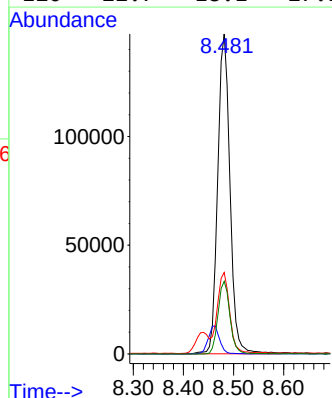
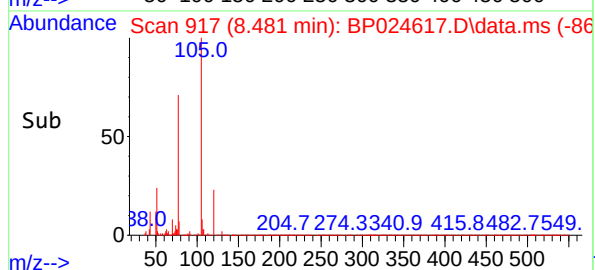
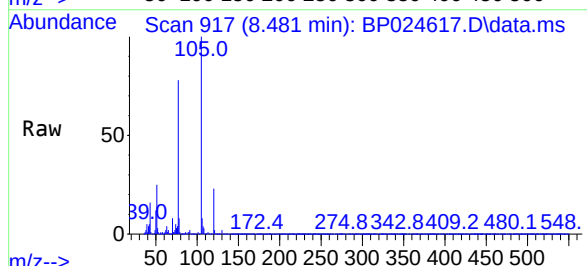
APPROVED

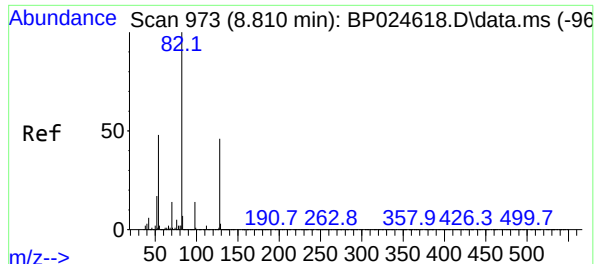
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#22
Acetophenone
Concen: 20.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:105 Resp: 249692
Ion Ratio Lower Upper
105 100
71 1.2 2.0 3.0#
51 25.5 20.4 30.6
120 22.7 18.1 27.1





#23

Nitrobenzene-d5

Concen: 40.50 ng

RT: 8.811 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 391739

Ion Ratio Lower Upper

82 100

128 45.4 37.0 55.4

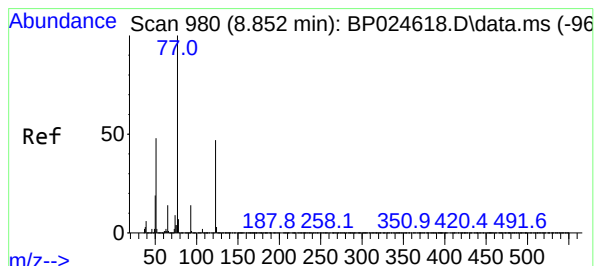
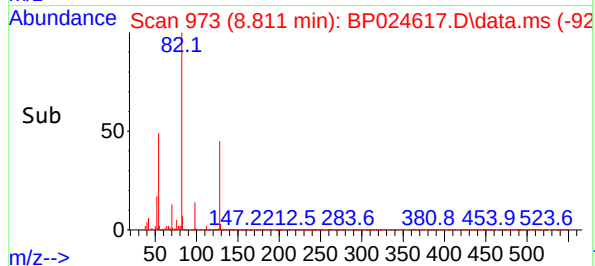
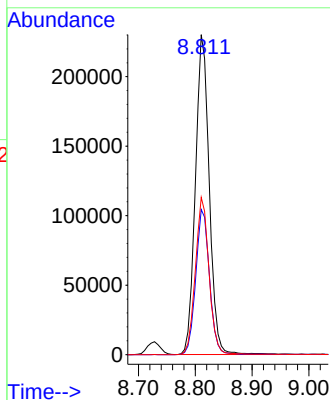
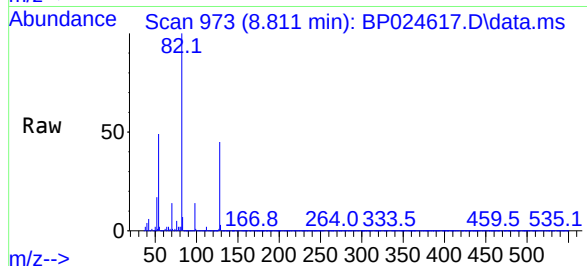
54 49.1 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#24

Nitrobenzene

Concen: 20.40 ng

RT: 8.858 min Scan# 981

Delta R.T. 0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

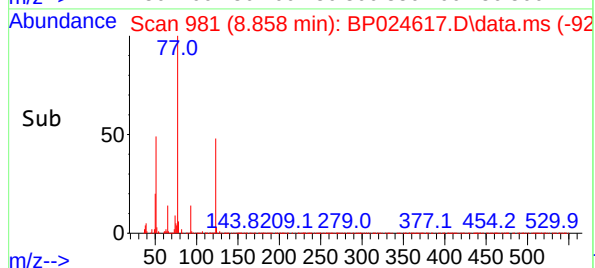
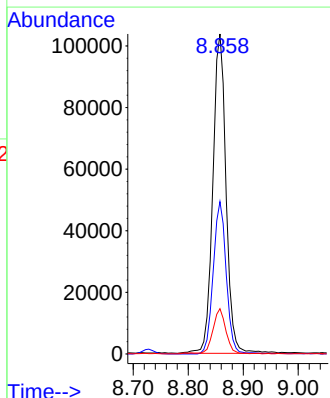
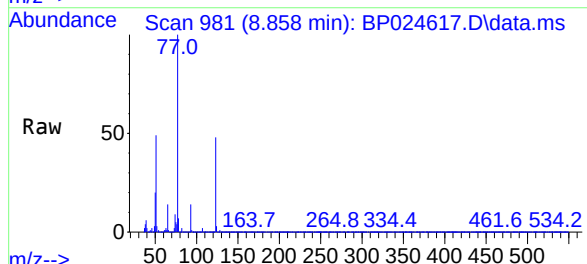
Tgt Ion: 77 Resp: 173686

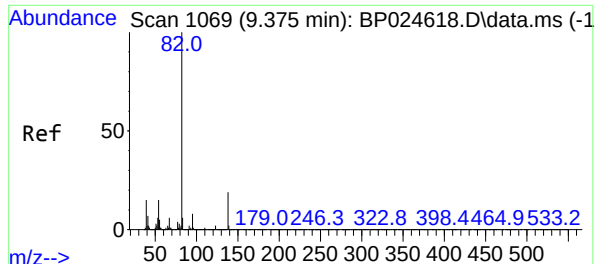
Ion Ratio Lower Upper

77 100

123 47.6 37.4 56.0

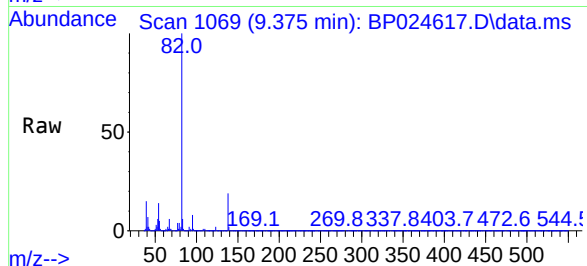
65 14.1 11.3 16.9





#25
Isophorone
Concen: 20.25 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

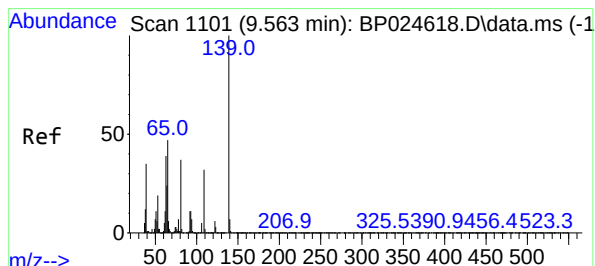
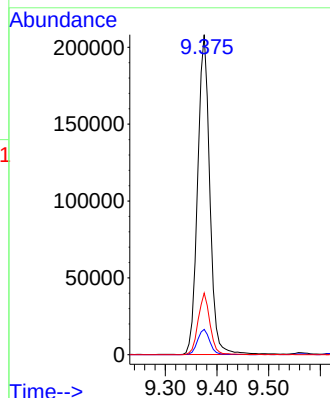
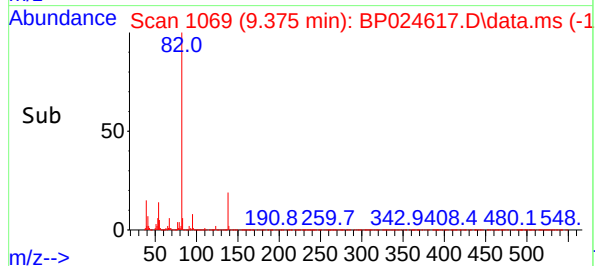
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 33969
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 19.3 15.3 22.9

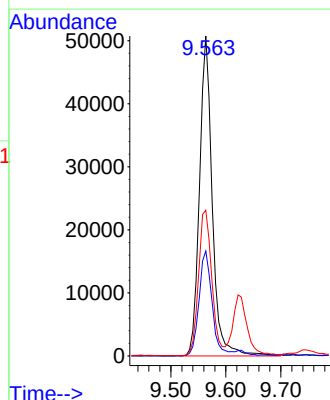
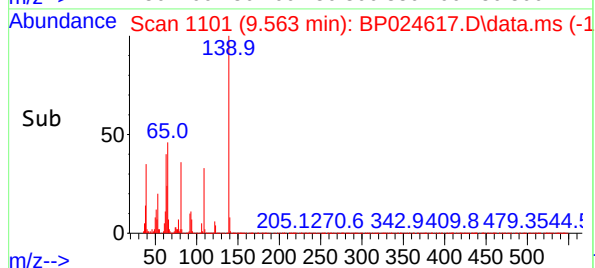
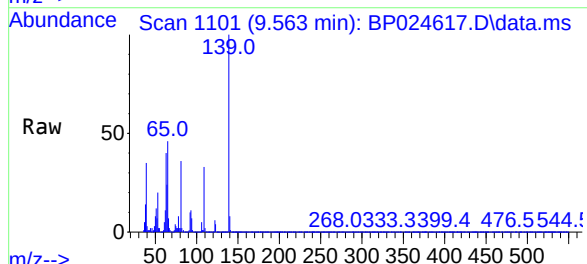
Manual Integrations
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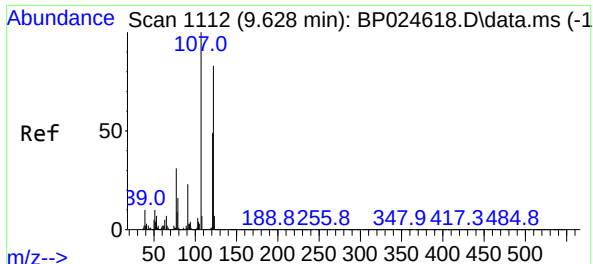
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 19.73 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:139 Resp: 82278
Ion Ratio Lower Upper
139 100
109 32.8 25.9 38.9
65 45.6 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 19.96 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 146819

Ion Ratio Lower Upper

122 100

107 124.1 96.2 144.2

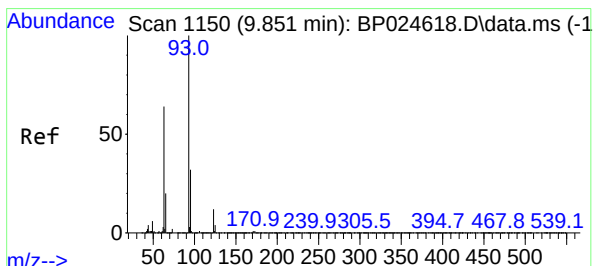
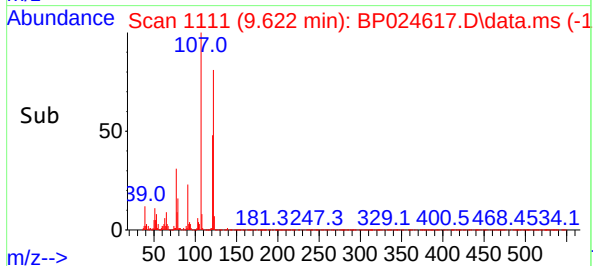
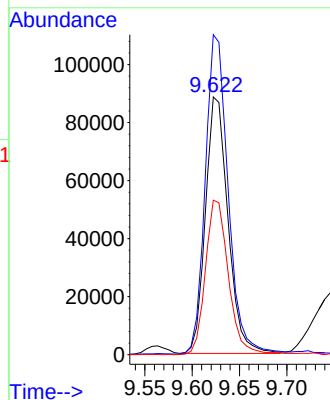
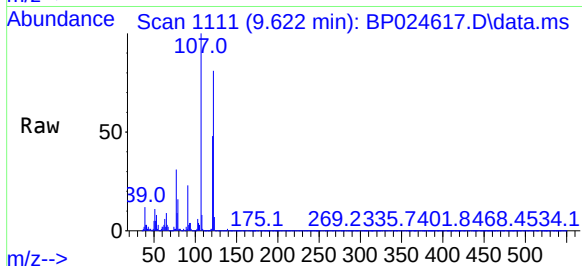
121 60.0 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.04 ng

RT: 9.852 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

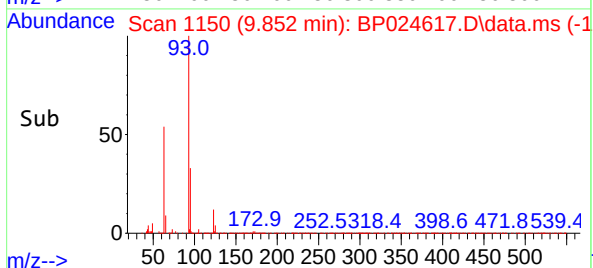
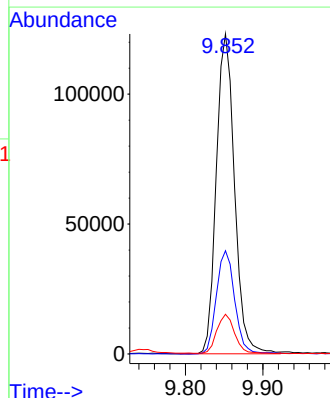
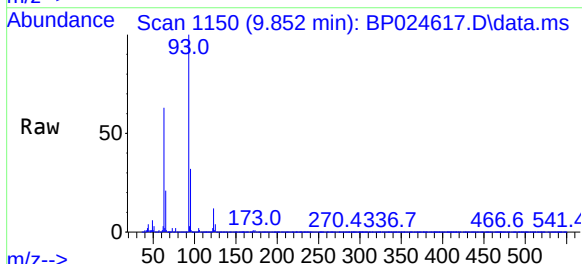
Tgt Ion: 93 Resp: 200872

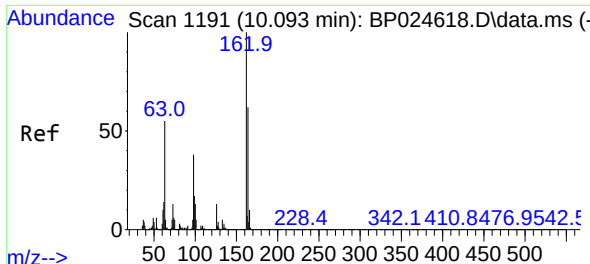
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 12.4 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 19.90 ng
RT: 10.099 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

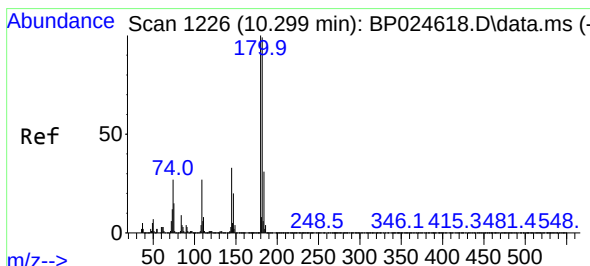
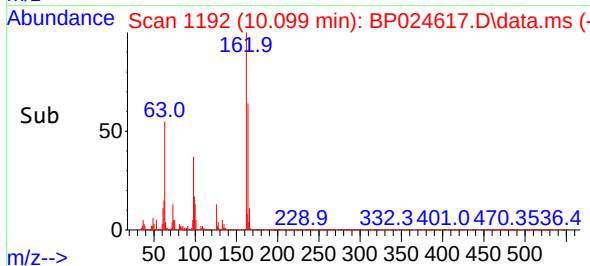
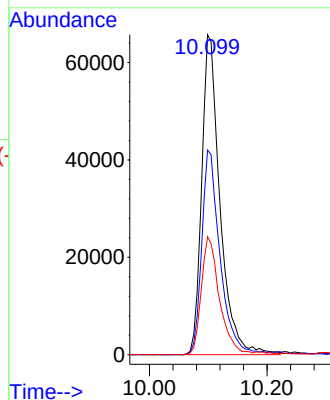
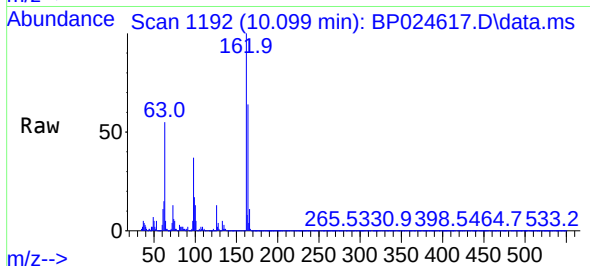
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.3	82.3
98	36.8	18.4	58.4

Manual Integrations

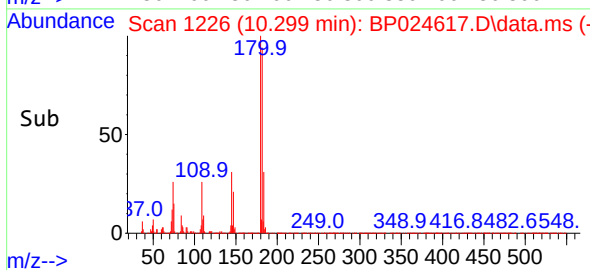
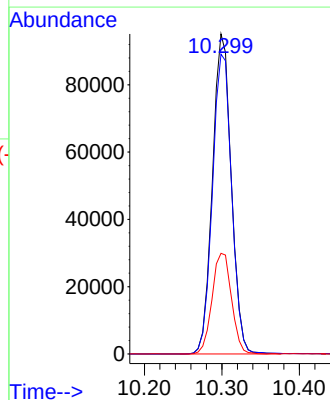
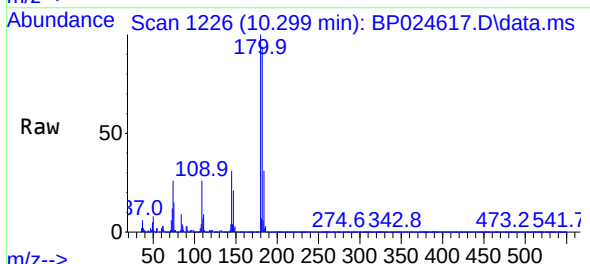
APPROVED

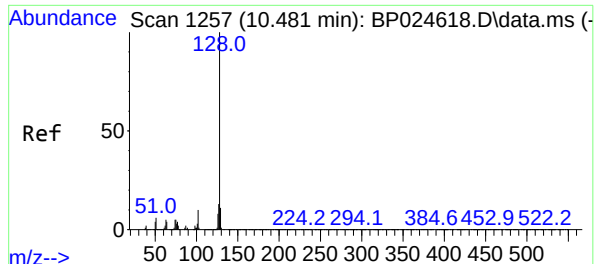
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#30
1,2,4-Trichlorobenzene
Concen: 19.92 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.0	118.4
145	31.5	26.6	39.8





#31
Naphthalene
Concen: 20.25 ng
RT: 10.481 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

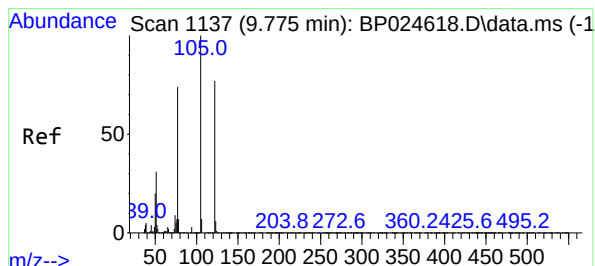
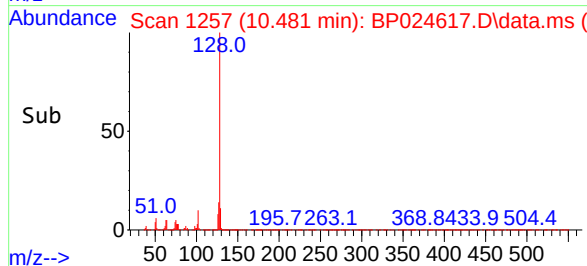
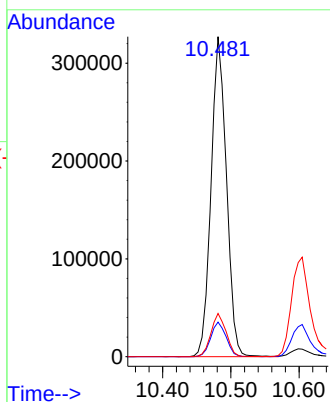
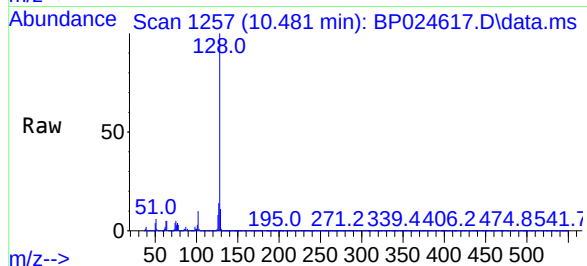
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.7	16.1

Manual Integrations

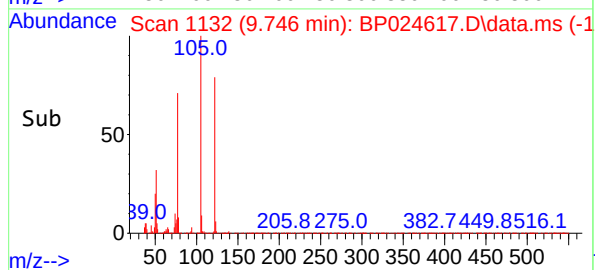
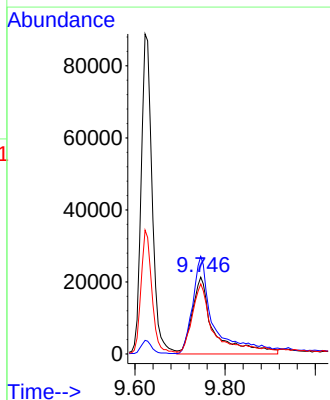
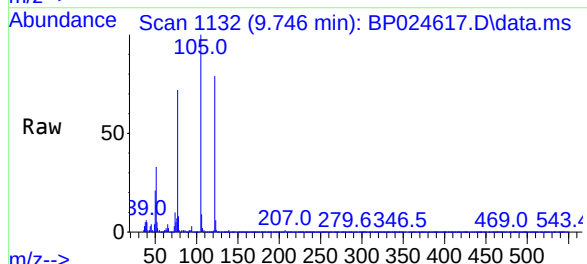
APPROVED

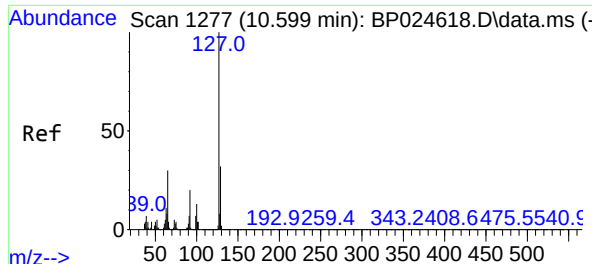
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#32
Benzoic acid
Concen: 18.73 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.1	106.9	146.9
77	91.3	75.1	115.1





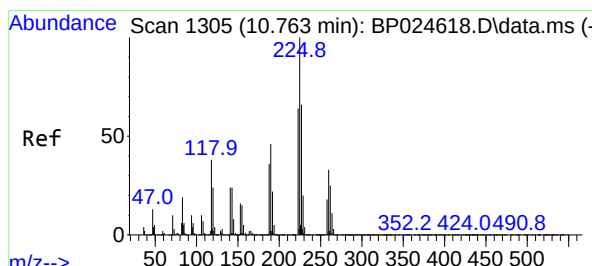
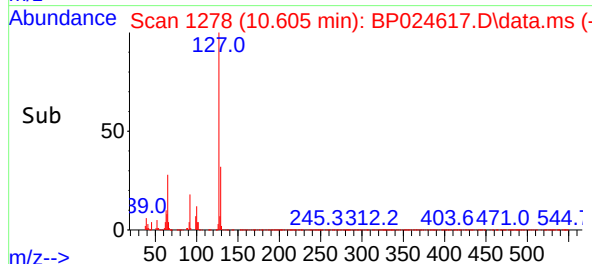
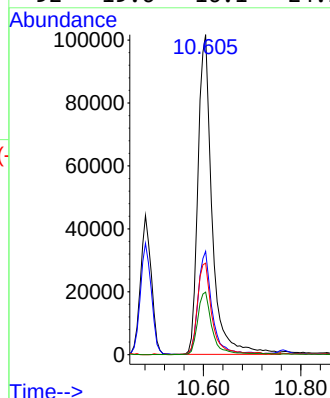
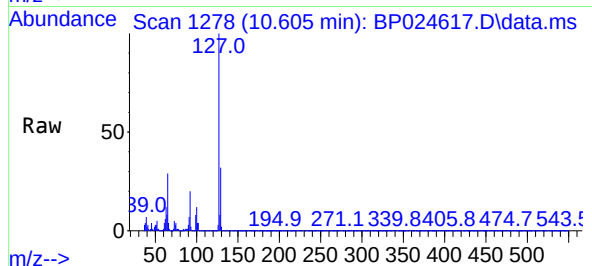
#33
4-Chloroaniline
Concen: 20.10 ng
RT: 10.605 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:	127	Resp:	20543
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.8	38.6
65	28.6	23.9	35.9
92	19.6	16.1	24.1

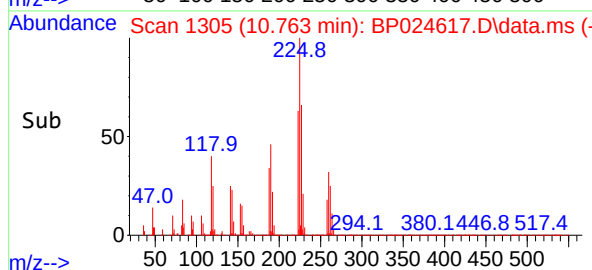
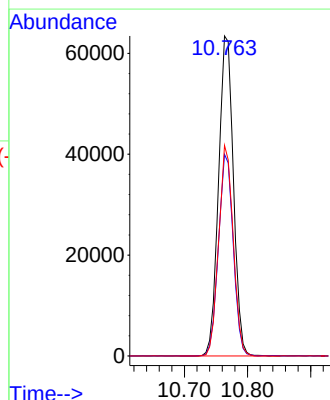
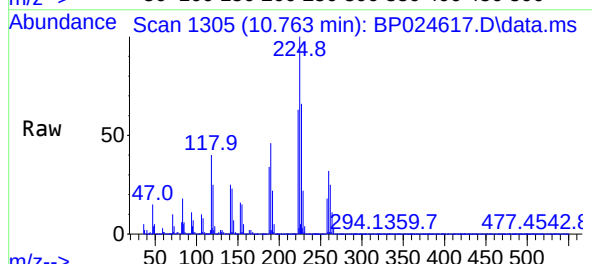
Manual Integrations
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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

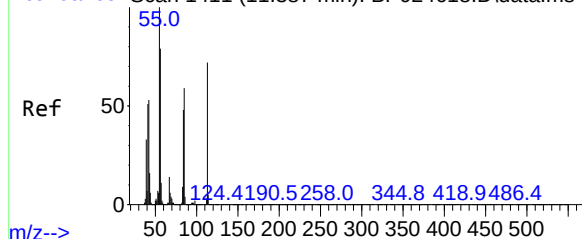


#34
Hexachlorobutadiene
Concen: 19.87 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:	225	Resp:	103364
Ion Ratio	Lower	Upper	
225	100		
223	63.0	51.0	76.6
227	65.8	53.1	79.7



Abundance Scan 1411 (11.387 min): BP024618.D\data.ms (-



#35

Caprolactam

Concen: 19.68 ng

RT: 11.381 min Scan# 1411

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:113 Resp: 5072

Ion Ratio Lower Upper

113 100

55 136.8 119.0 159.0

56 111.1 90.3 130.3

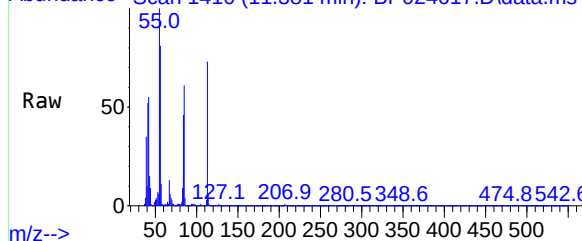
Manual Integrations

APPROVED

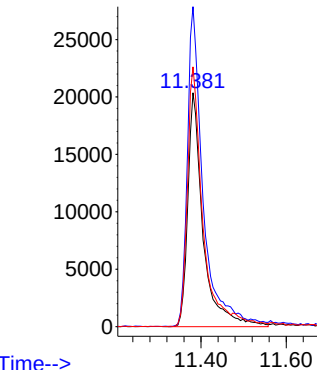
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

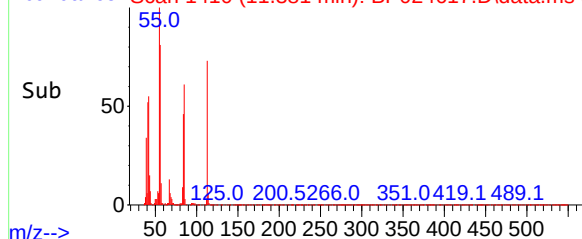
Abundance Scan 1410 (11.381 min): BP024617.D\data.ms



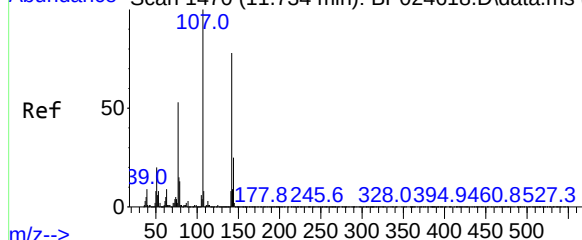
Abundance



Abundance Scan 1410 (11.381 min): BP024617.D\data.ms (-



Abundance Scan 1470 (11.734 min): BP024618.D\data.ms (-



#36

4-Chloro-3-methylphenol

Concen: 20.12 ng

RT: 11.734 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 174840

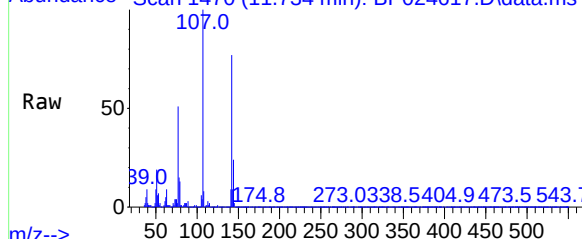
Ion Ratio Lower Upper

107 100

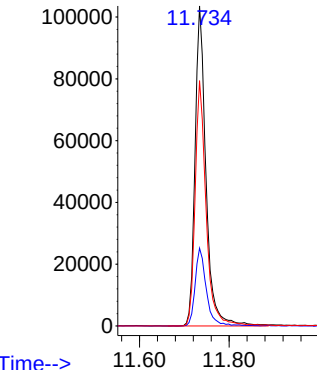
144 24.3 20.1 30.1

142 76.6 62.1 93.1

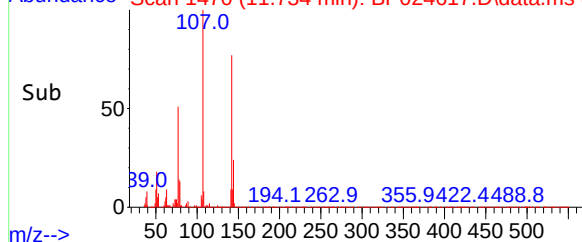
Abundance Scan 1470 (11.734 min): BP024617.D\data.ms

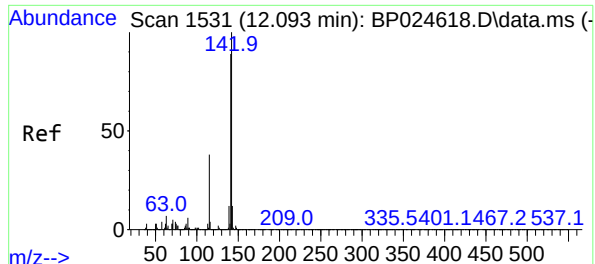


Abundance



Abundance Scan 1470 (11.734 min): BP024617.D\data.ms (-





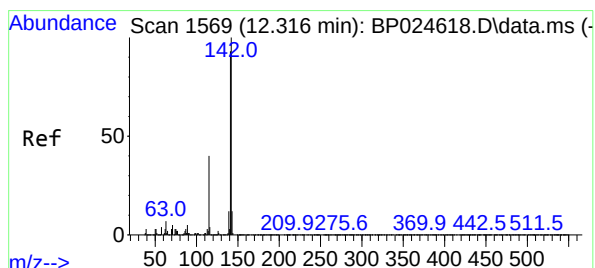
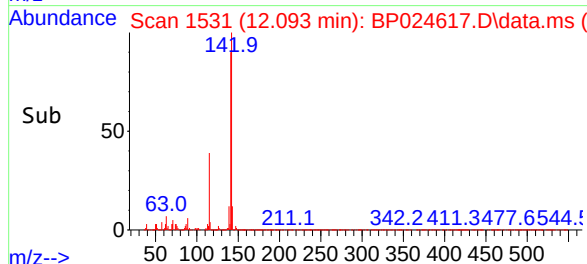
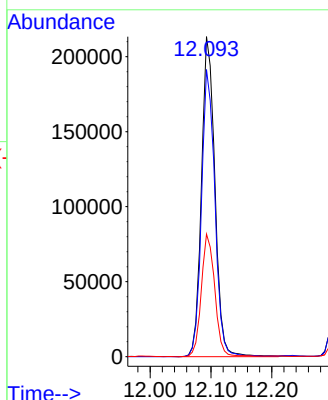
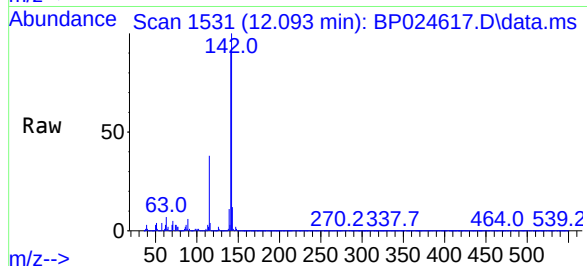
#37
2-Methylnaphthalene
Concen: 19.97 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	38.3	30.6	46.0

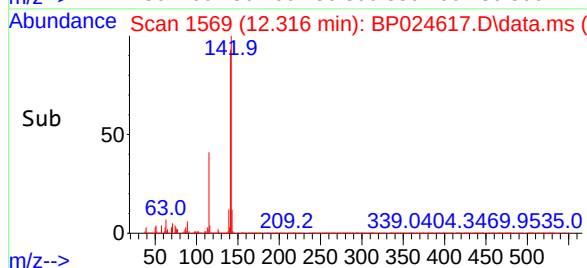
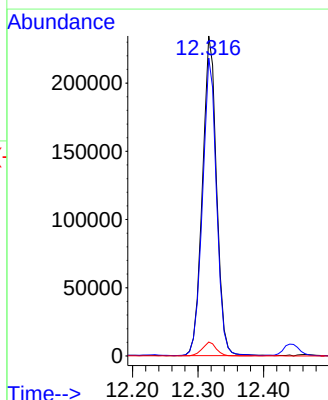
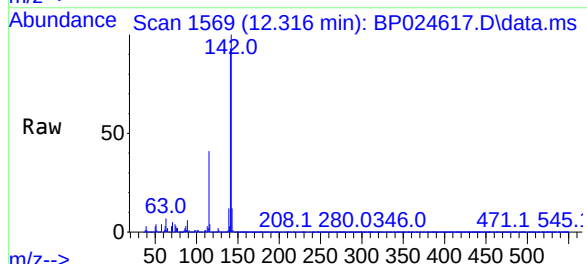
Manual Integrations
APPROVED

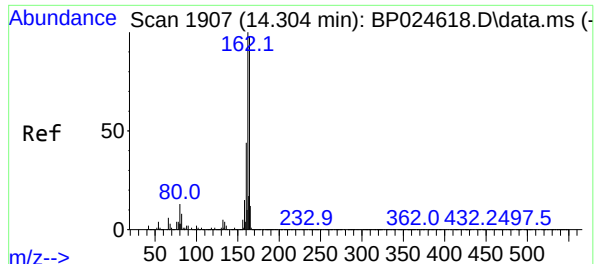
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#38
1-Methylnaphthalene
Concen: 20.07 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.4	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.299 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:164 Resp: 323928

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.6

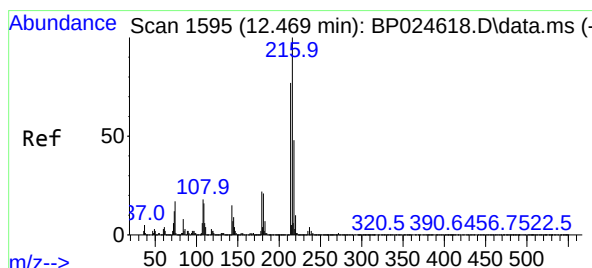
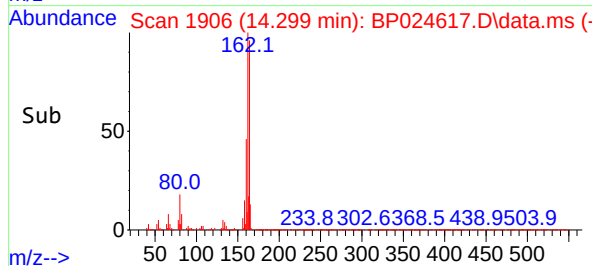
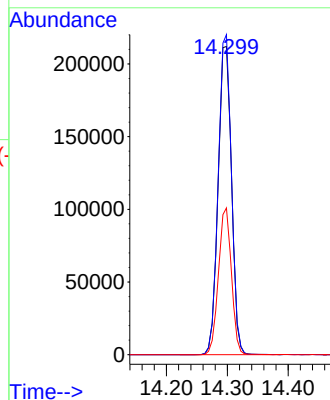
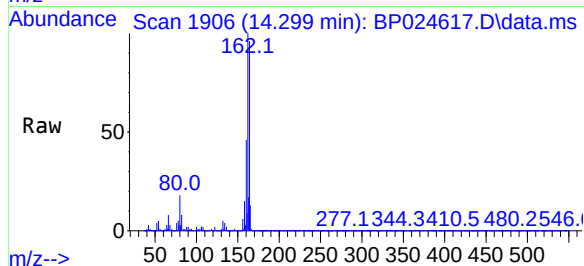
160 47.6 36.3 54.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.77 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:216 Resp: 185982

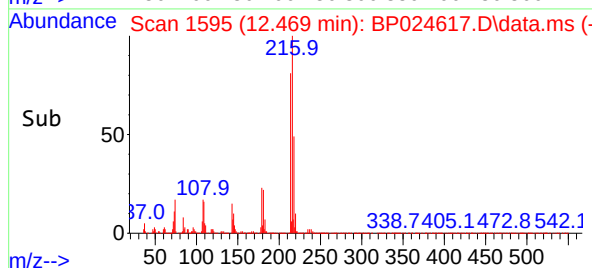
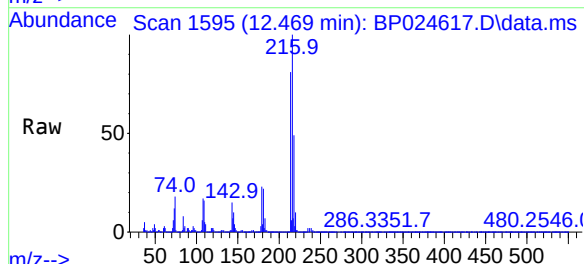
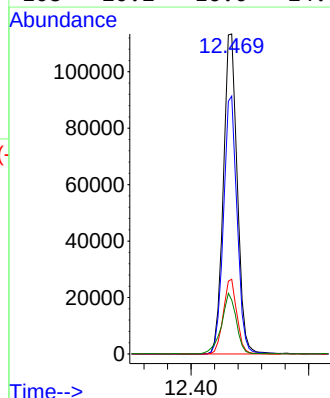
Ion Ratio Lower Upper

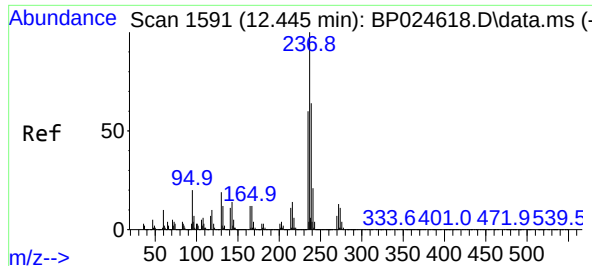
216 100

214 79.1 62.3 93.5

179 22.9 17.7 26.5

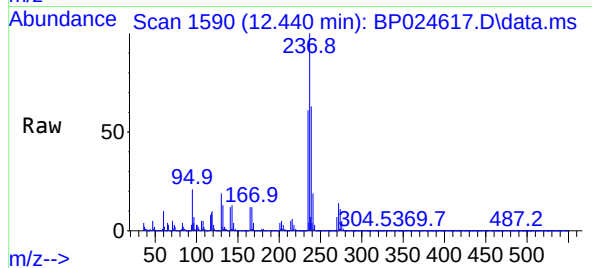
108 20.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 19.90 ng
RT: 12.440 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

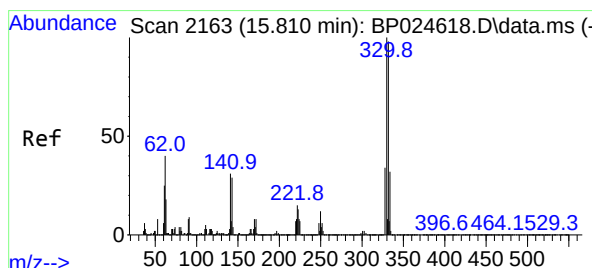
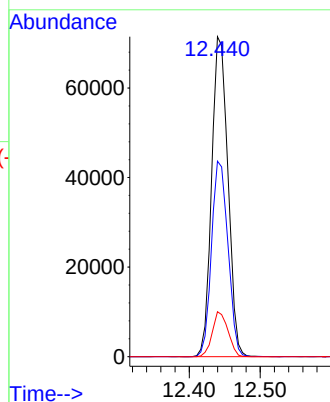
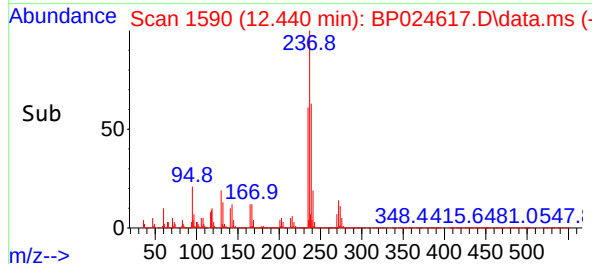
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 237 Resp: 113498
Ion Ratio Lower Upper
237 100
235 61.1 39.9 79.9
272 14.0 0.0 33.2

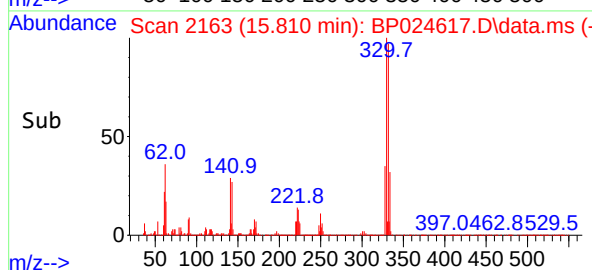
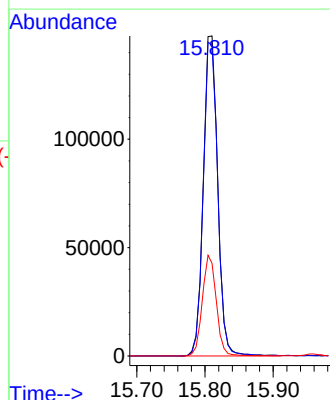
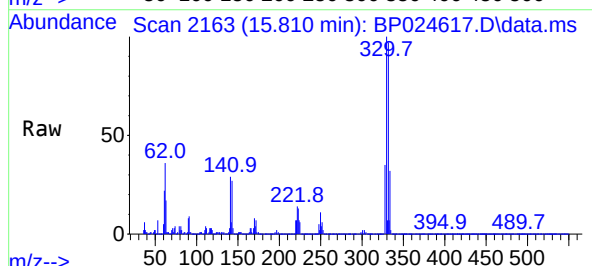
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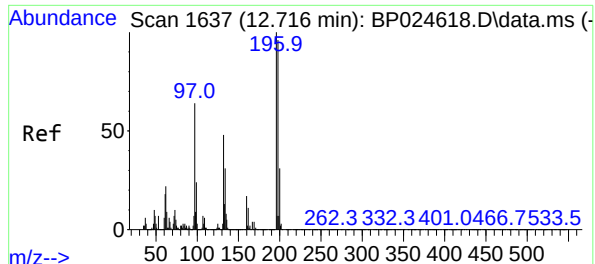
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#42
2,4,6-Tribromophenol
Concen: 39.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

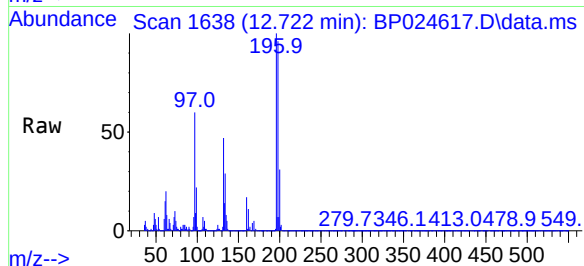
Tgt Ion: 330 Resp: 217092
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 30.5 24.3 36.5





#43
2,4,6-Trichlorophenol
Concen: 19.95 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

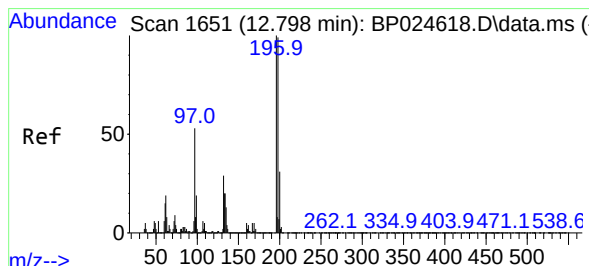
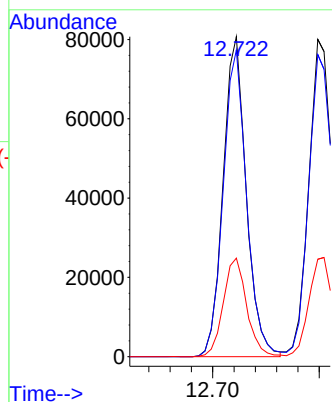
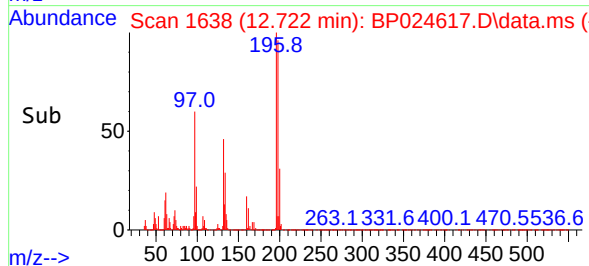
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



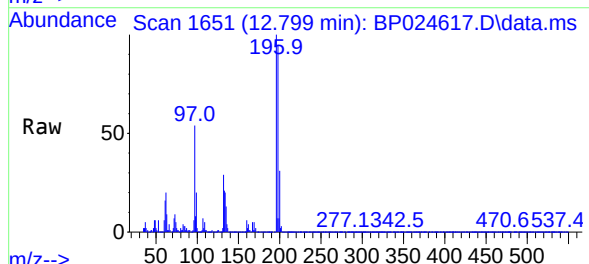
Tgt Ion:196 Resp: 121520
Ion Ratio Lower Upper
196 100
198 95.8 76.9 115.3
200 30.8 25.2 37.8

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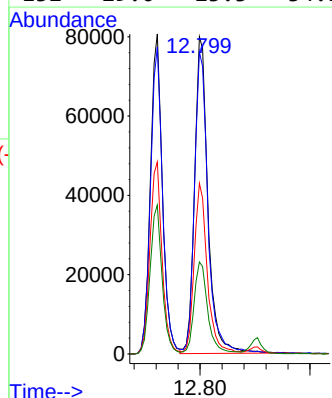
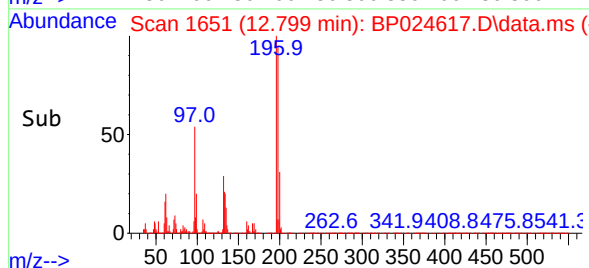
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

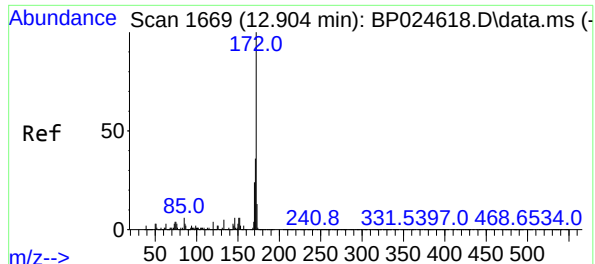


#44
2,4,5-Trichlorophenol
Concen: 19.95 ng
RT: 12.799 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



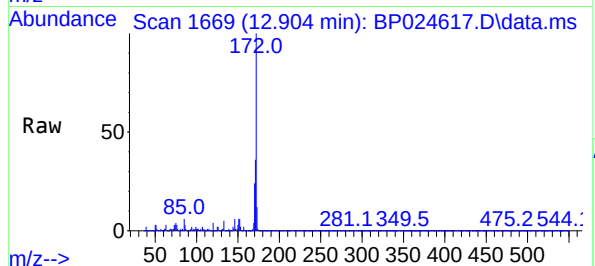
Tgt Ion:196 Resp: 135306
Ion Ratio Lower Upper
196 100
198 95.2 79.2 118.8
97 53.8 42.3 63.5
132 29.0 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 40.69 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

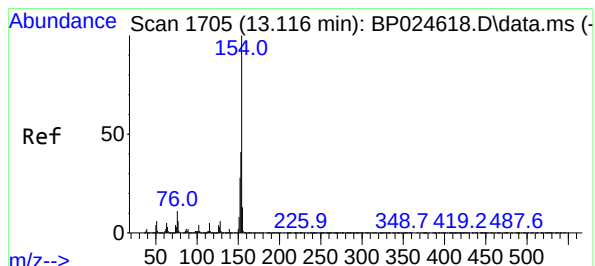
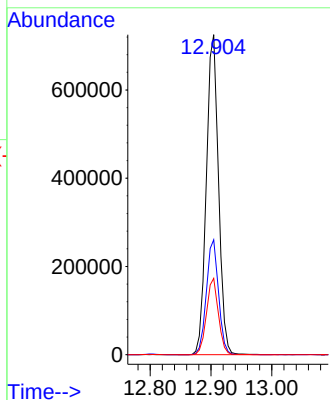
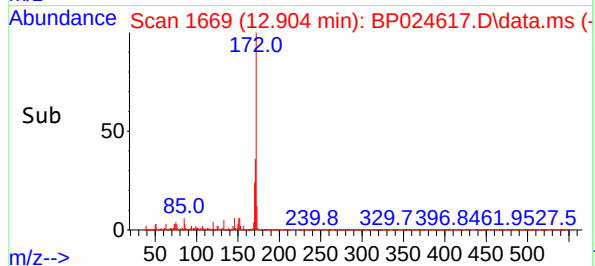
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 1006150
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 18.8 28.2

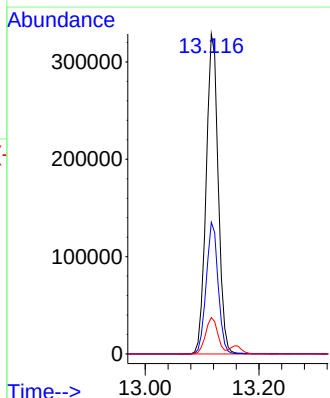
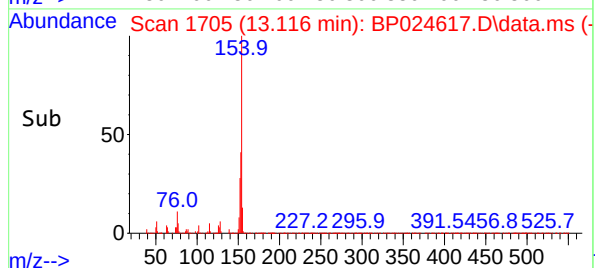
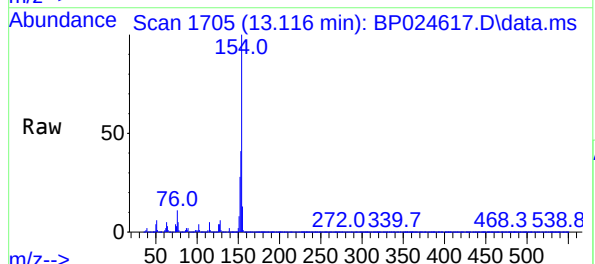
Manual Integrations
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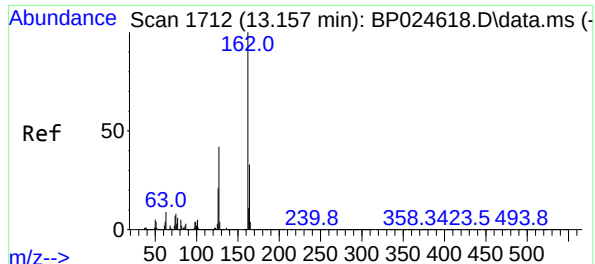
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 20.19 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:154 Resp: 483352
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 11.4 0.0 31.5





#47

2-Chloronaphthalene

Concen: 20.06 ng

RT: 13.163 min Scan# 1712

Delta R.T. 0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 36624

Ion Ratio Lower Upper

162 100

127 42.3 33.8 50.6

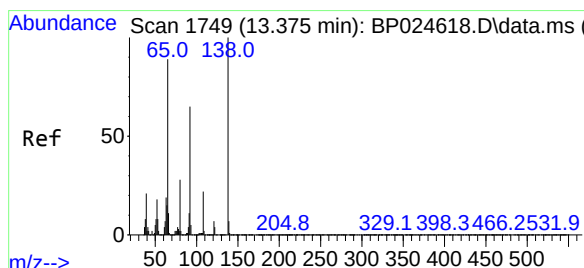
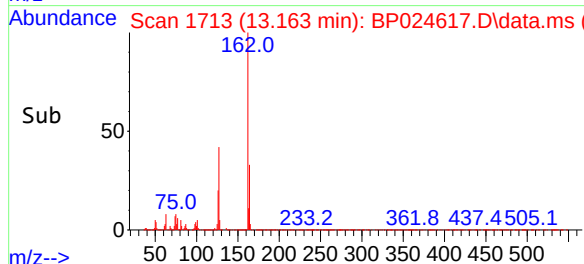
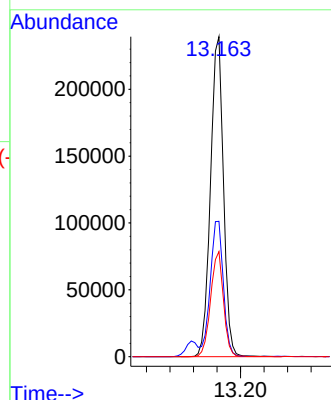
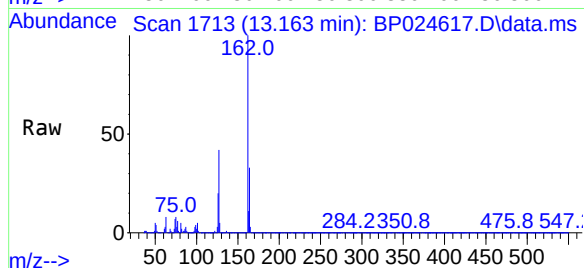
164 32.8 26.0 39.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#48

2-Nitroaniline

Concen: 19.81 ng

RT: 13.375 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

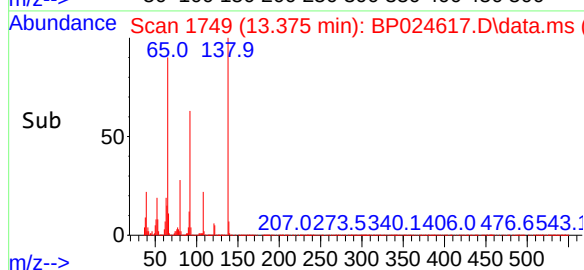
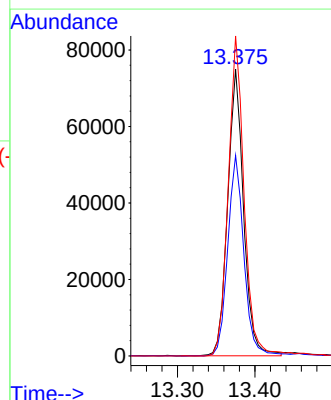
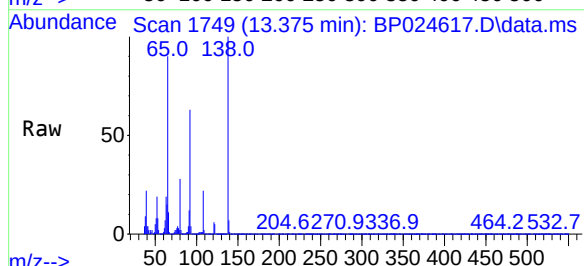
Tgt Ion: 65 Resp: 107062

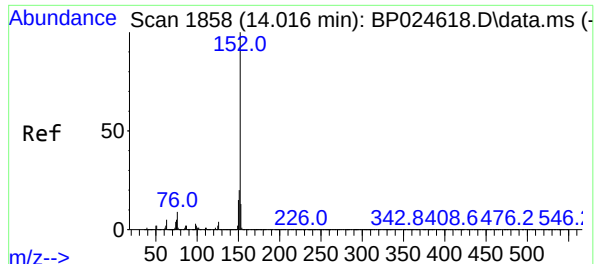
Ion Ratio Lower Upper

65 100

92 69.8 58.7 88.1

138 111.5 90.2 135.2





#49

Acenaphthylene

Concen: 20.36 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

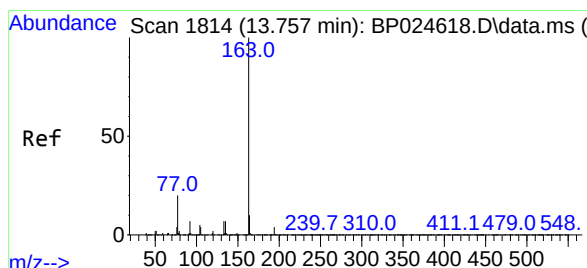
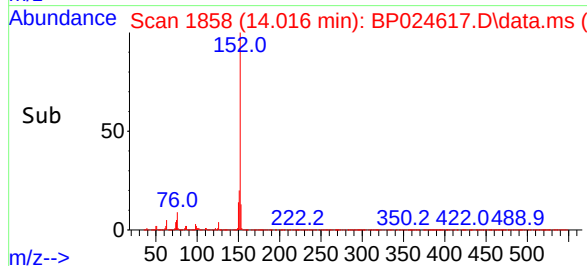
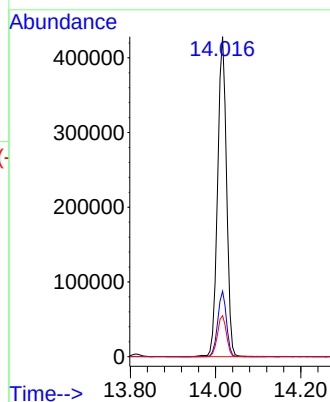
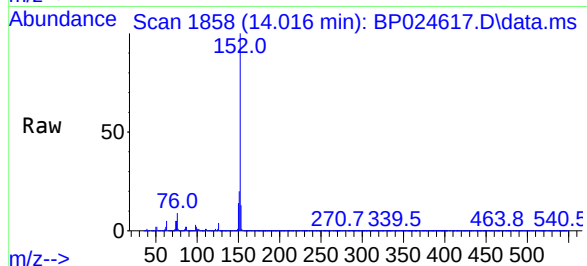
Tgt Ion:	152	Resp:	62199
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	12.8	10.2	15.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#50

Dimethylphthalate

Concen: 19.91 ng

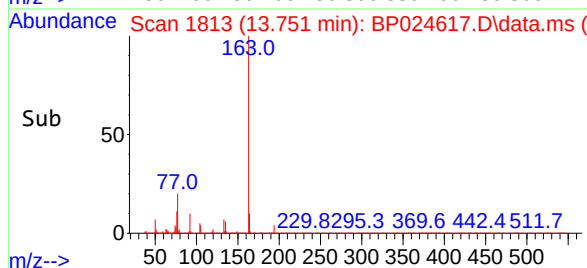
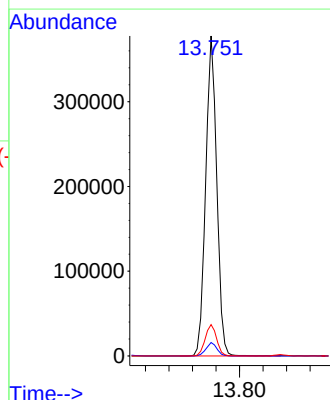
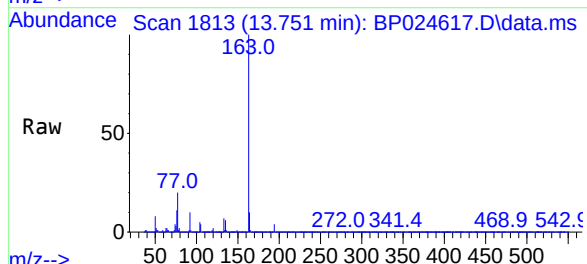
RT: 13.751 min Scan# 1813

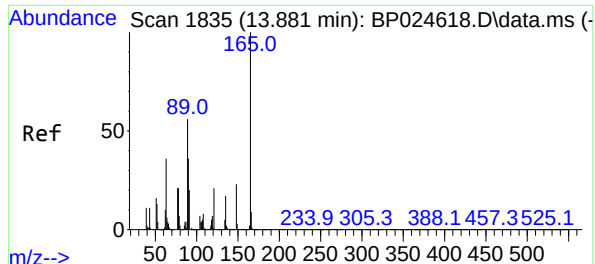
Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:	163	Resp:	491623
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	9.8	8.1	12.1





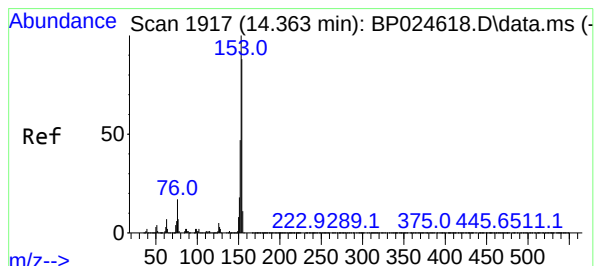
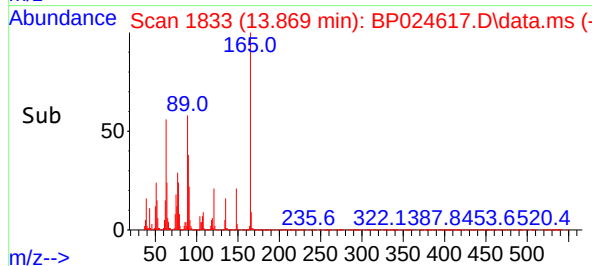
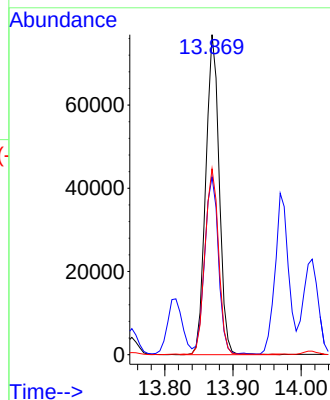
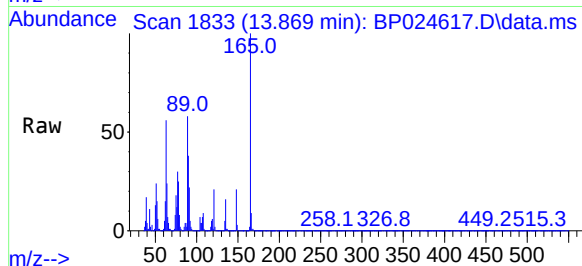
#51
2,6-Dinitrotoluene
Concen: 20.23 ng
RT: 13.869 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 105479
Ion Ratio Lower Upper
165 100
63 55.6 42.4 63.6
89 58.1 44.8 67.2

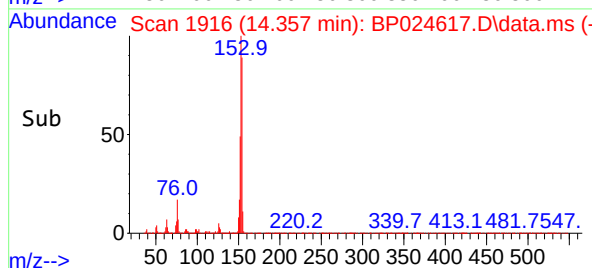
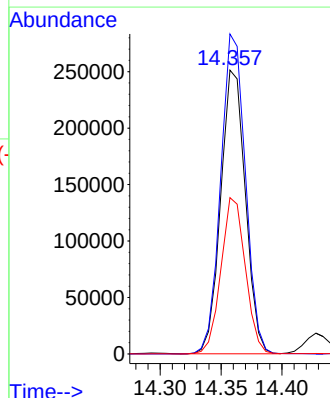
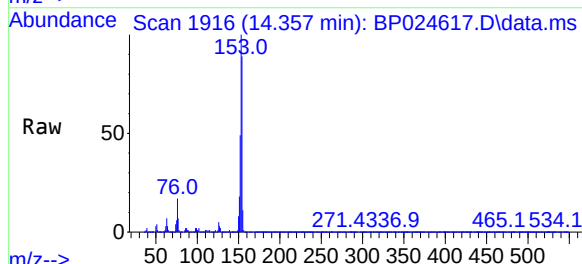
Manual Integrations
APPROVED

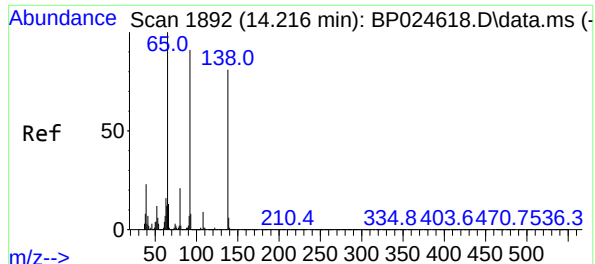
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#52
Acenaphthene
Concen: 20.19 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:154 Resp: 354519
Ion Ratio Lower Upper
154 100
153 112.7 91.0 136.4
152 55.1 42.9 64.3





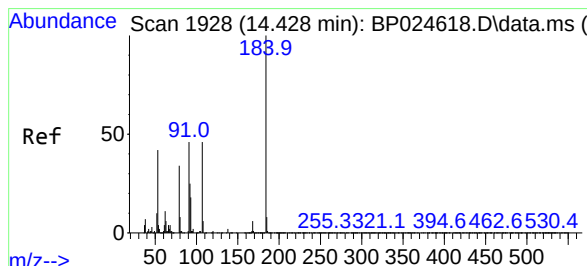
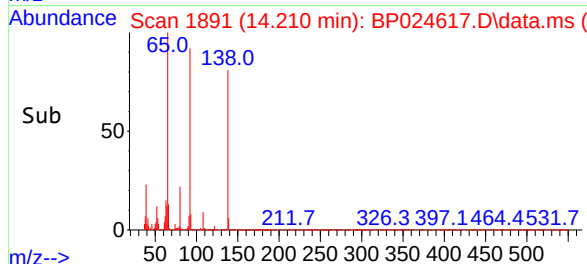
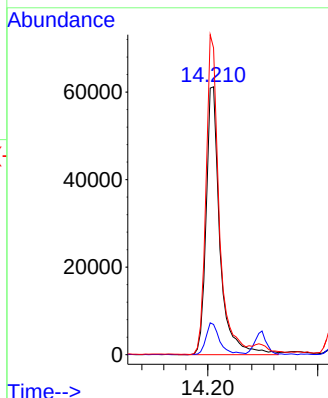
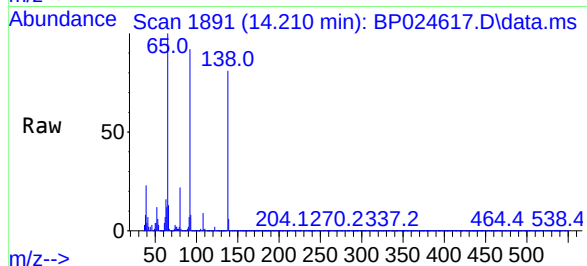
#53
3-Nitroaniline
Concen: 20.01 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 10652
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 114.5 90.1 135.1

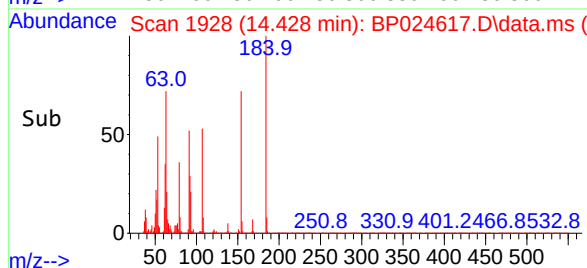
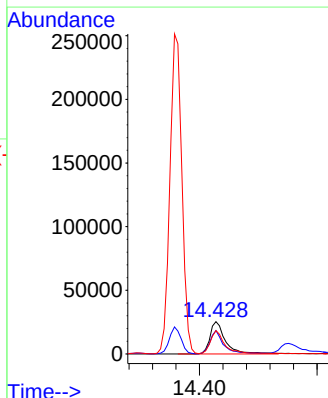
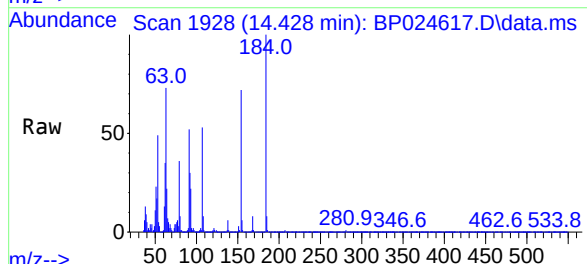
Manual Integrations
APPROVED

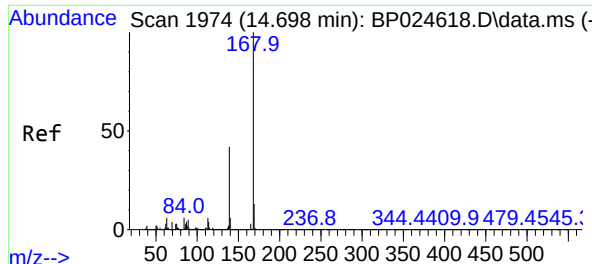
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#54
2,4-Dinitrophenol
Concen: 19.37 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

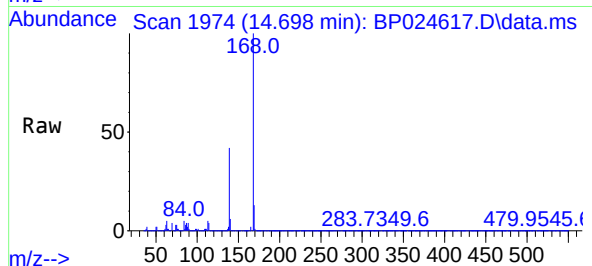
Tgt Ion:184 Resp: 46351
Ion Ratio Lower Upper
184 100
63 72.5 51.3 76.9
154 72.4 53.5 80.3





#55
Dibenzenofuran
Concen: 20.12 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

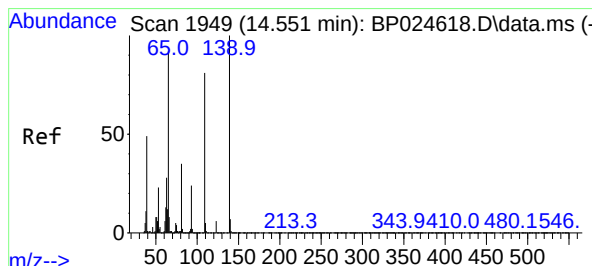
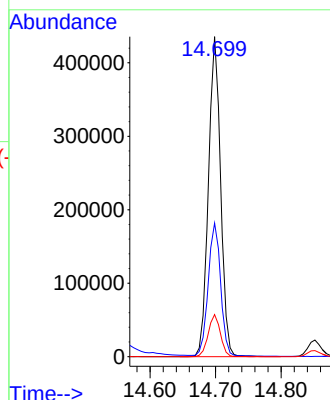
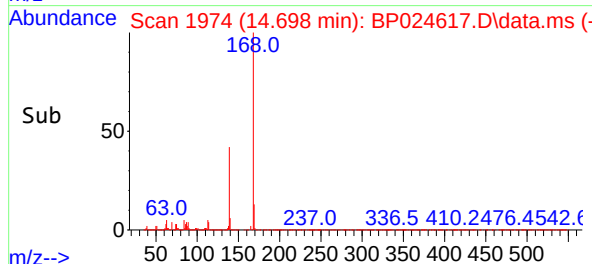
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 563719
Ion Ratio Lower Upper
168 100
139 41.8 34.2 51.4
169 13.1 10.8 16.2

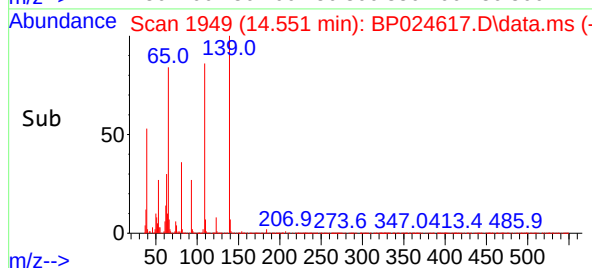
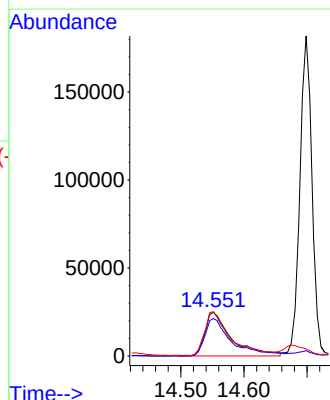
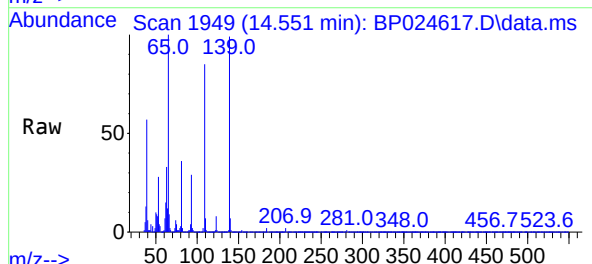
Manual Integrations
APPROVED

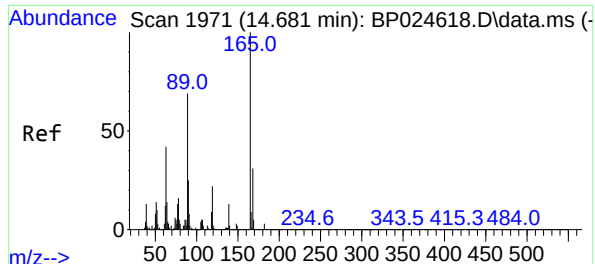
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#56
4-Nitrophenol
Concen: 19.02 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

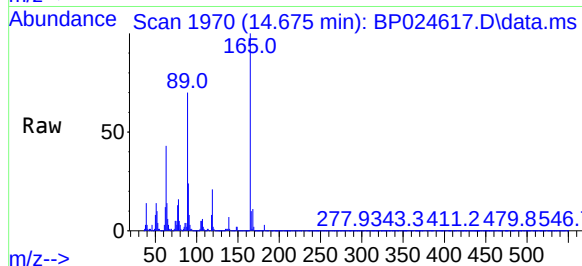
Tgt Ion:139 Resp: 71975
Ion Ratio Lower Upper
139 100
109 85.7 61.4 101.4
65 101.4 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 20.09 ng
RT: 14.675 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

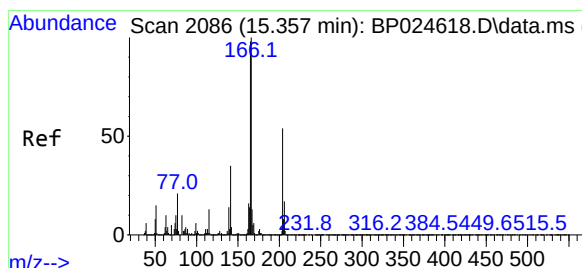
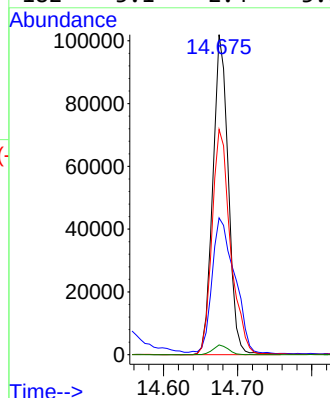
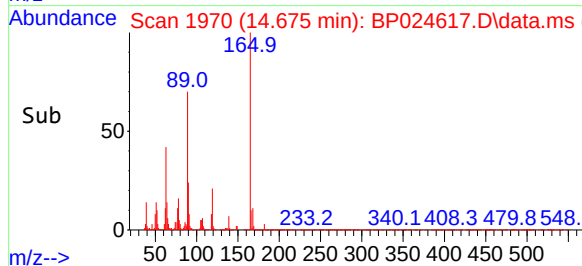
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 147670
Ion Ratio Lower Upper
165 100
63 42.7 33.8 50.6
89 70.4 55.6 83.4
182 3.1 2.4 3.6

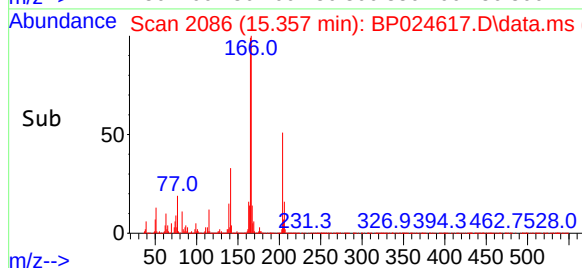
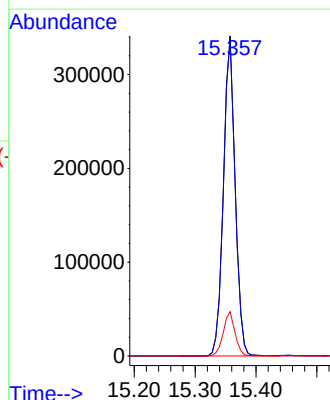
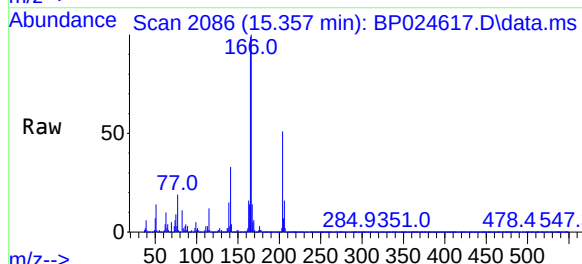
Manual Integrations
APPROVED

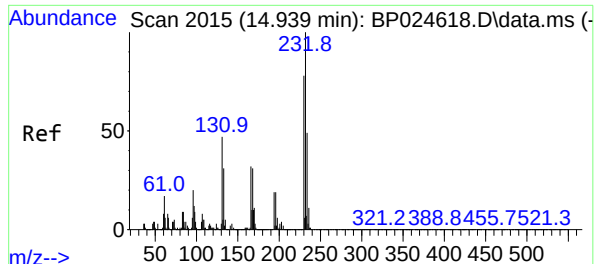
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#58
Fluorene
Concen: 20.00 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:166 Resp: 456792
Ion Ratio Lower Upper
166 100
165 98.9 78.5 117.7
167 13.8 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 19.59 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 12326

Ion Ratio Lower Upper

232 100

131 50.2 39.5 59.3

130 2.7 2.2 3.4

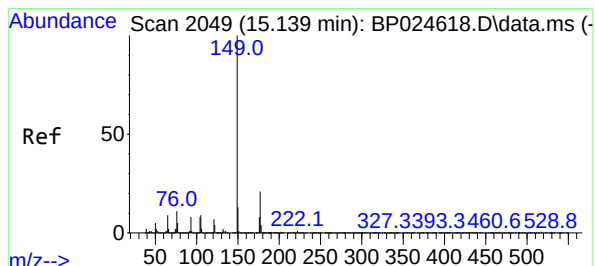
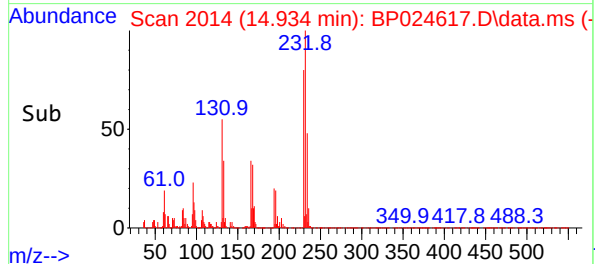
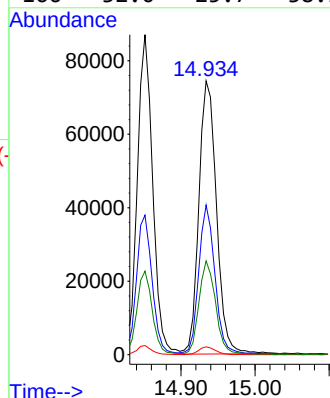
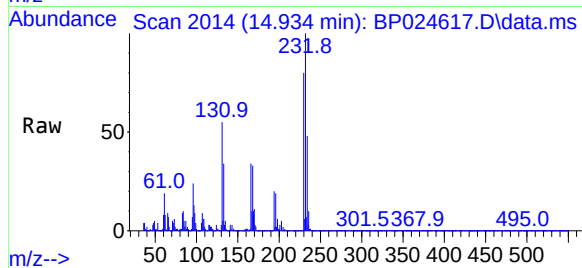
166 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#60

Diethylphthalate

Concen: 19.95 ng

RT: 15.128 min Scan# 2047

Delta R.T. -0.012 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

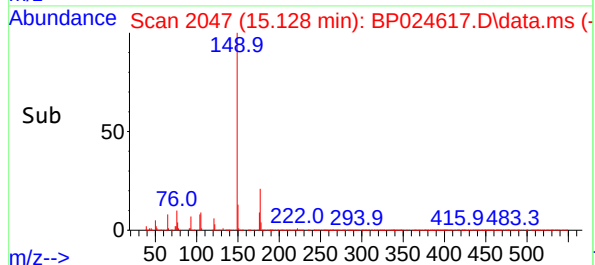
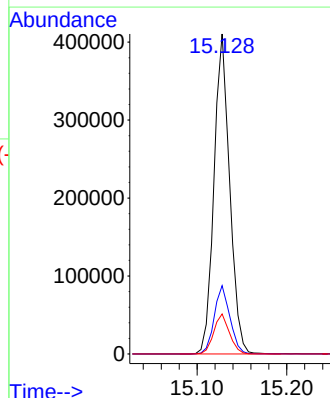
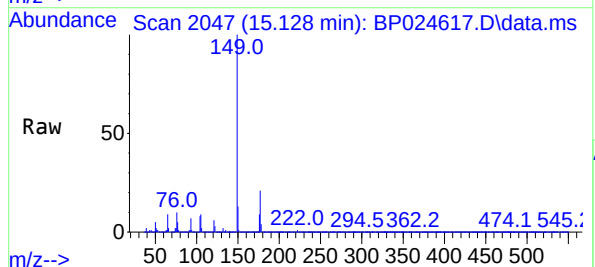
Tgt Ion:149 Resp: 497916

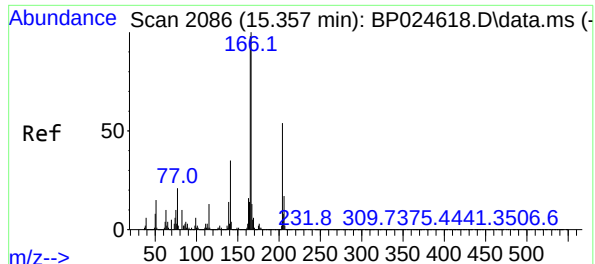
Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 19.91 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

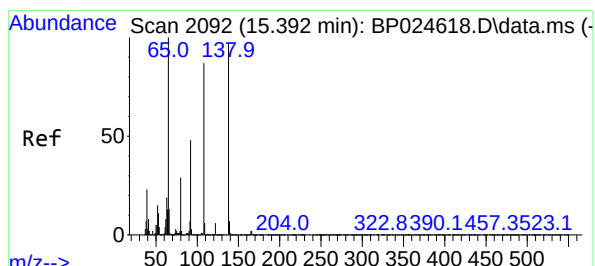
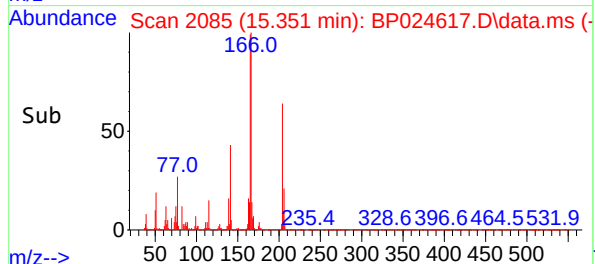
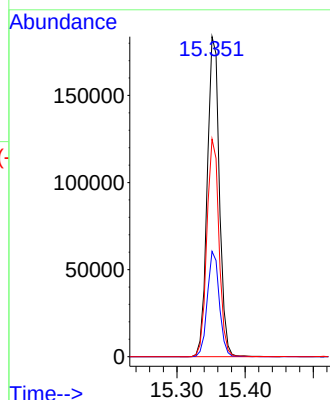
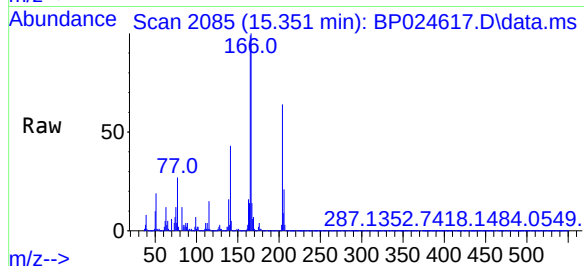
SSTDICC020

Tgt Ion:204 Resp: 226790
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 68.0 52.9 79.3

Manual Integrations

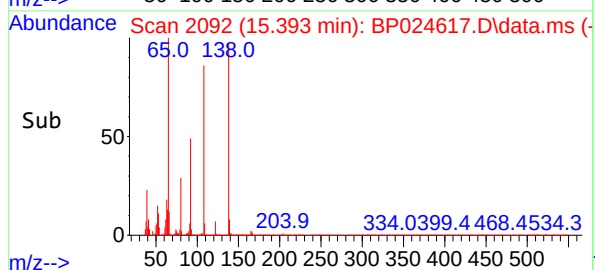
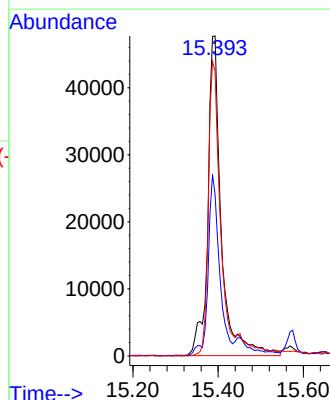
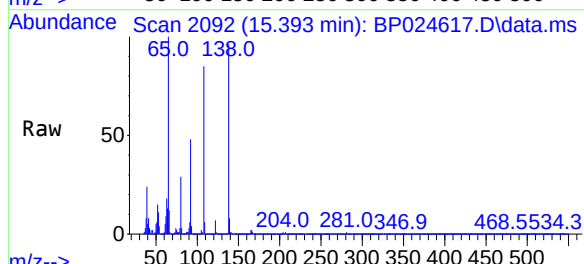
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

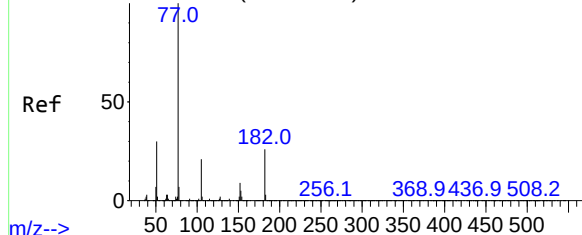


#62
4-Nitroaniline
Concen: 20.37 ng
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:138 Resp: 105617
Ion Ratio Lower Upper
138 100
92 50.4 29.2 69.2
108 89.0 69.0 109.0



Abundance Scan 2136 (15.651 min): BP024618.D\data.ms (-



#63

Azobenzene

Concen: 20.57 ng

RT: 15.651 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

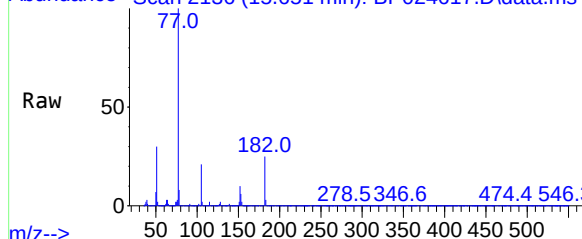
Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Abundance Scan 2136 (15.651 min): BP024617.D\data.ms



Tgt Ion: 77 Resp: 43918

Ion Ratio Lower Upper

77 100

182 25.4 5.7 45.7

105 21.1 1.3 41.3

51 30.3 10.6 50.6

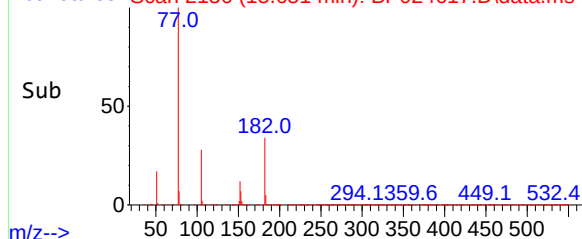
Manual Integrations

APPROVED

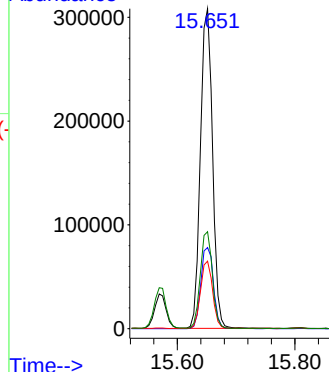
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

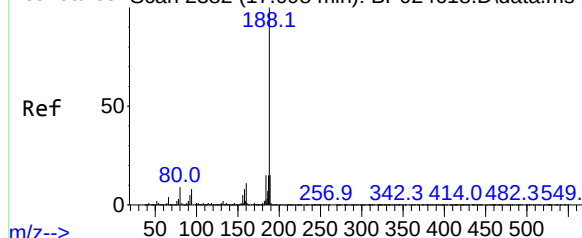
Abundance Scan 2136 (15.651 min): BP024617.D\data.ms (-



Abundance



Abundance Scan 2382 (17.098 min): BP024618.D\data.ms (-



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.087 min Scan# 2380

Delta R.T. -0.012 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:188 Resp: 644367

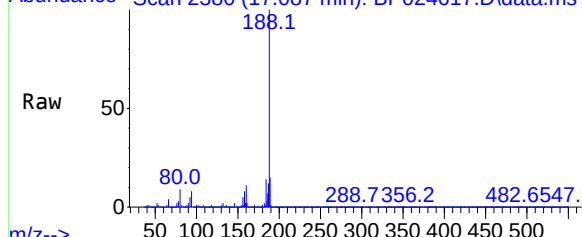
Ion Ratio Lower Upper

188 100

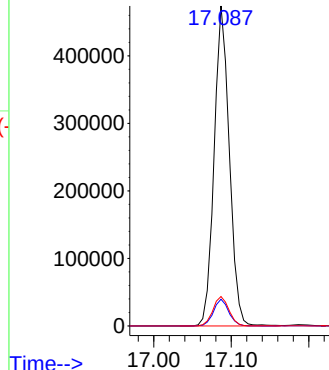
94 8.3 6.5 9.7

80 9.2 7.3 10.9

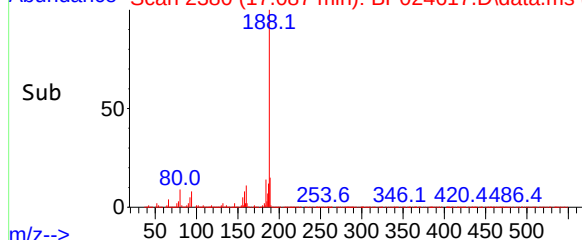
Abundance Scan 2380 (17.087 min): BP024617.D\data.ms

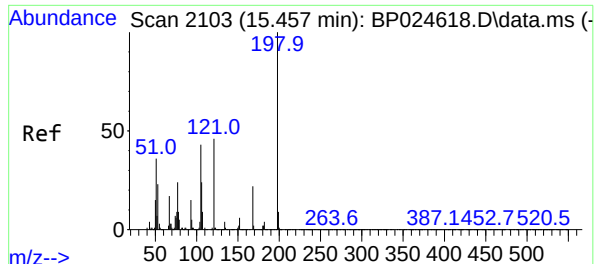


Abundance



Abundance Scan 2380 (17.087 min): BP024617.D\data.ms (-





#65

4,6-Dinitro-2-methylphenol

Concen: 18.53 ng

RT: 15.451 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 7713

Ion Ratio Lower Upper

198 100

51 43.2 21.1 61.1

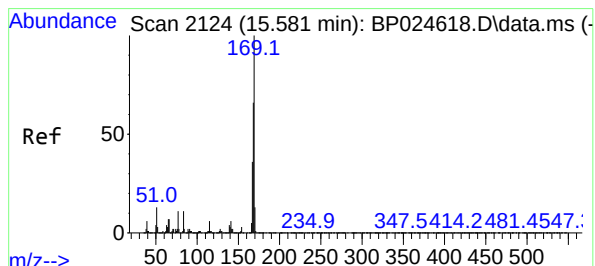
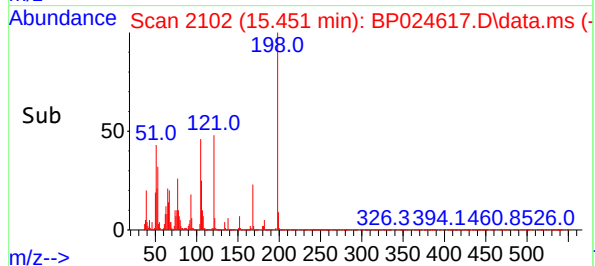
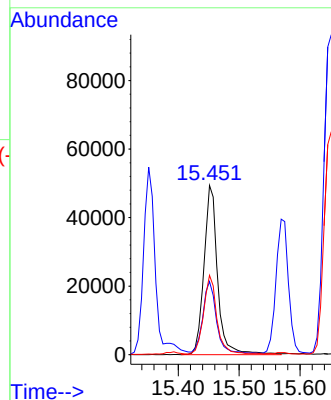
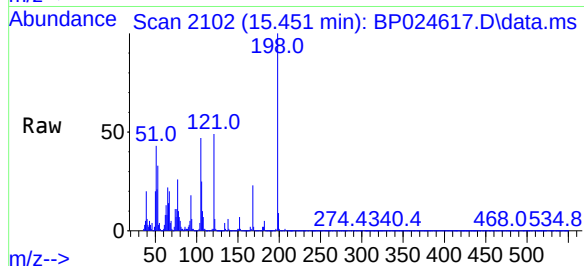
105 46.8 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#66

n-Nitrosodiphenylamine

Concen: 20.42 ng

RT: 15.575 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

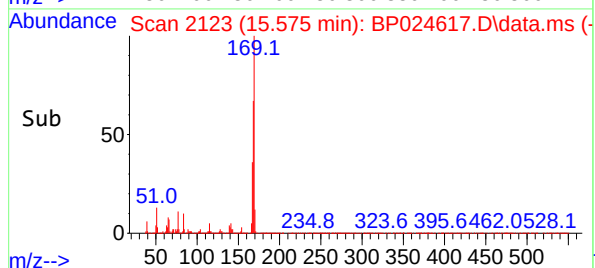
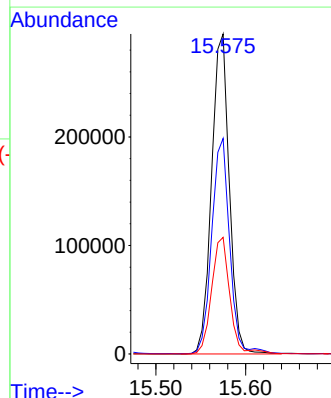
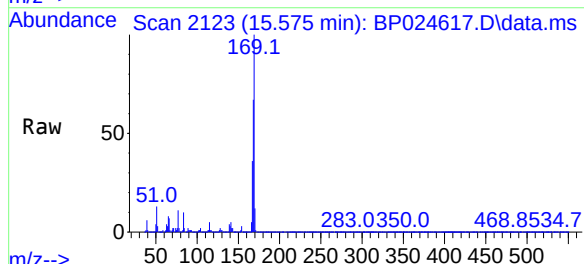
Tgt Ion:169 Resp: 404085

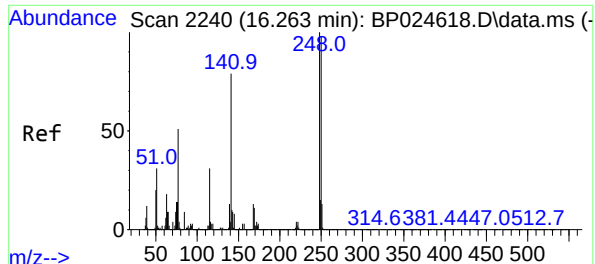
Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

167 36.5 28.6 43.0





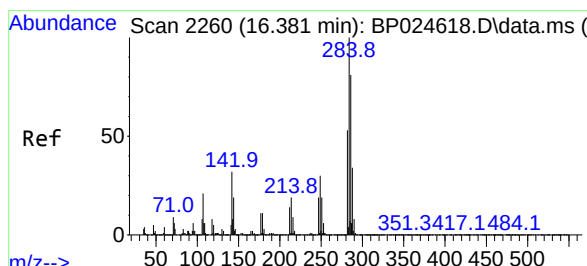
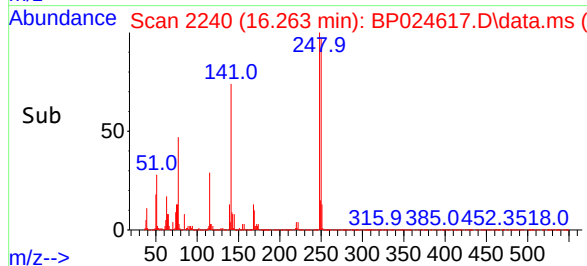
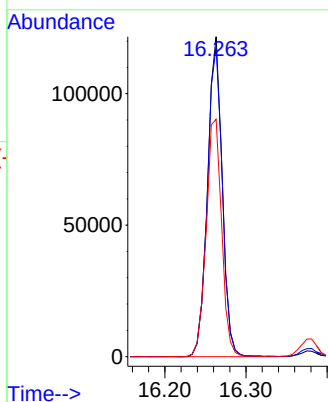
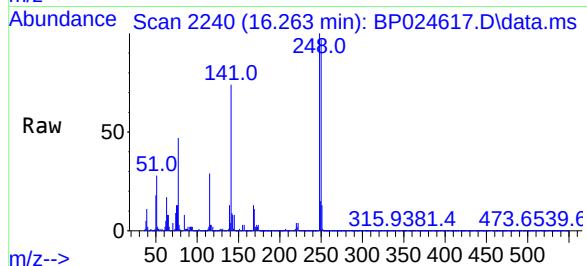
#67
4-Bromophenyl-phenylether
Concen: 20.07 ng
RT: 16.263 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 15239
Ion Ratio Lower Upper
248 100
250 96.8 78.2 117.4
141 74.2 63.0 94.6

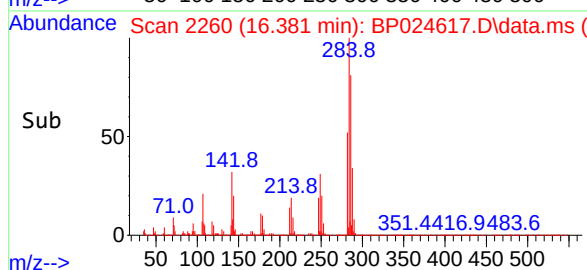
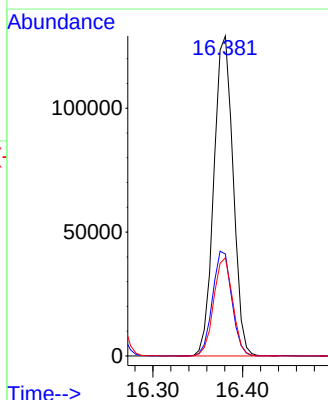
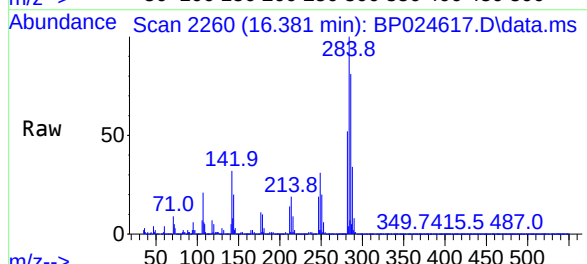
Manual Integrations
APPROVED

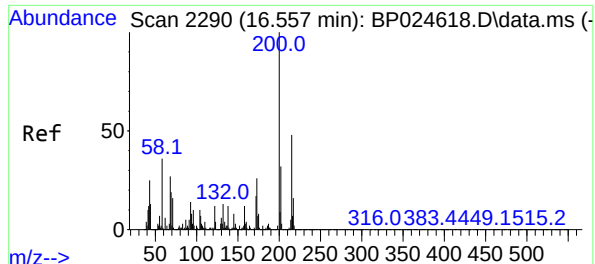
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 19.93 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

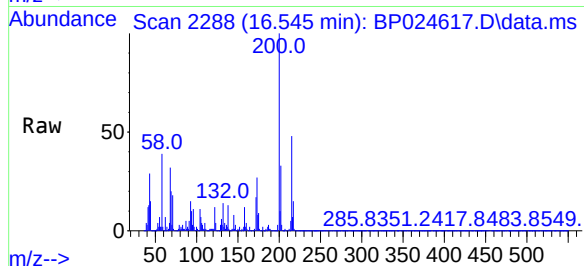
Tgt Ion:284 Resp: 192290
Ion Ratio Lower Upper
284 100
142 31.9 25.9 38.9
249 30.7 24.1 36.1





#69
Atrazine
Concen: 20.19 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

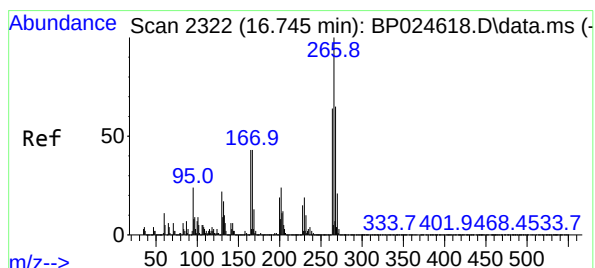
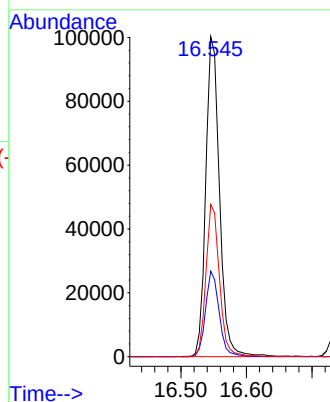
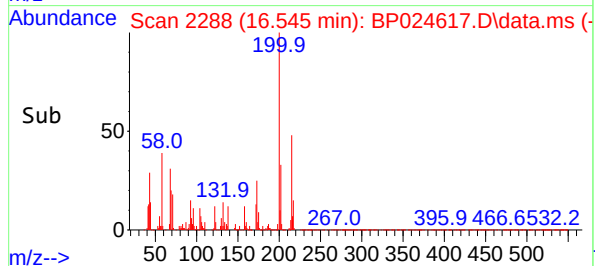
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 146468
Ion Ratio Lower Upper
200 100
173 26.7 5.9 45.9
215 47.5 28.3 68.3

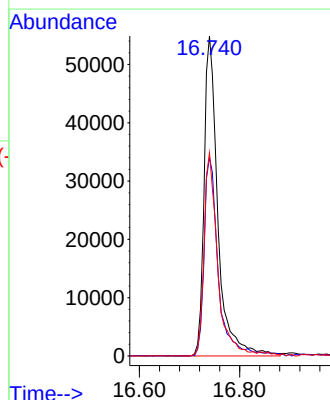
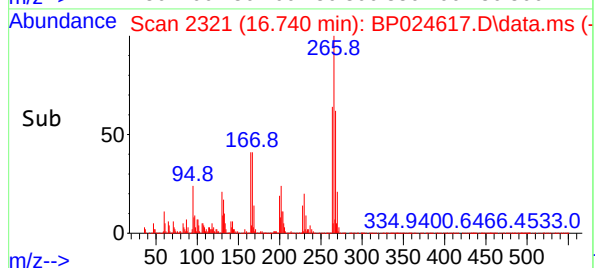
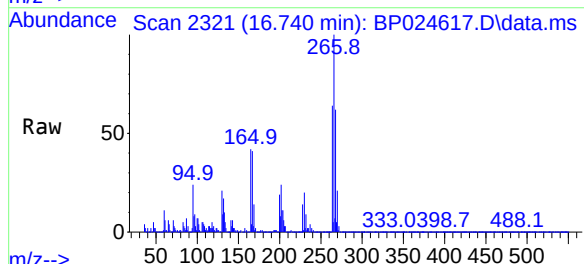
Manual Integrations
APPROVED

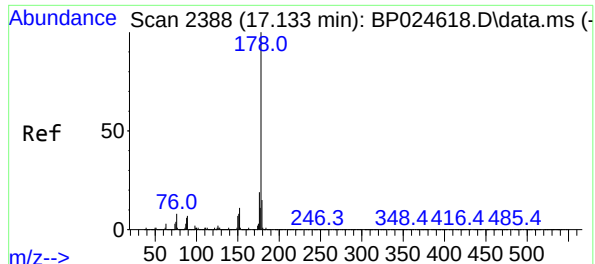
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#70
Pentachlorophenol
Concen: 19.36 ng
RT: 16.740 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:266 Resp: 104916
Ion Ratio Lower Upper
266 100
268 62.1 52.2 78.4
264 63.5 51.1 76.7





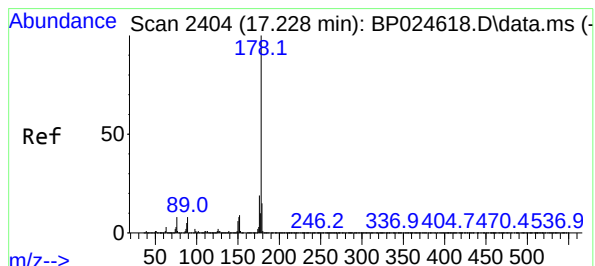
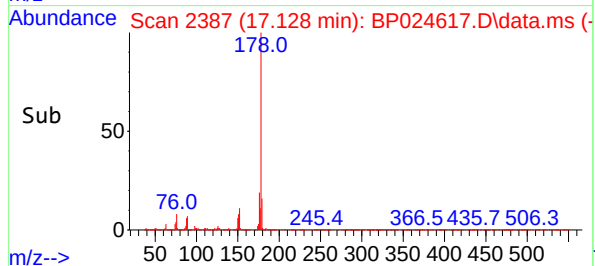
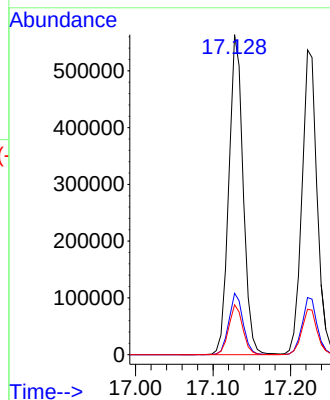
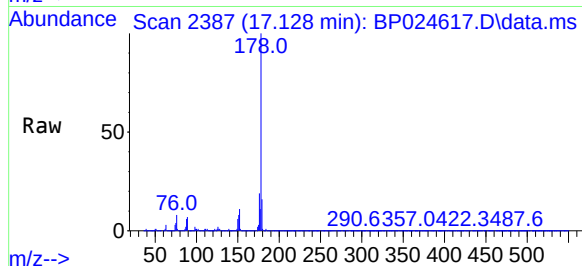
#71
Phenanthrene
Concen: 20.24 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 72492
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.2 18.4

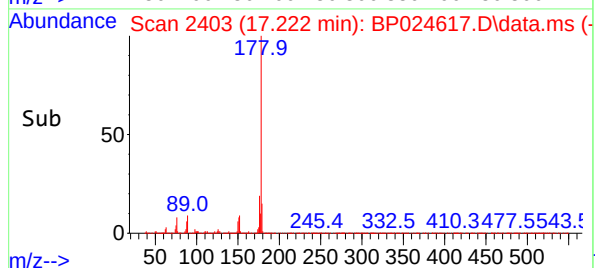
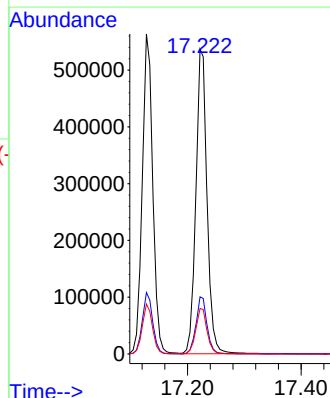
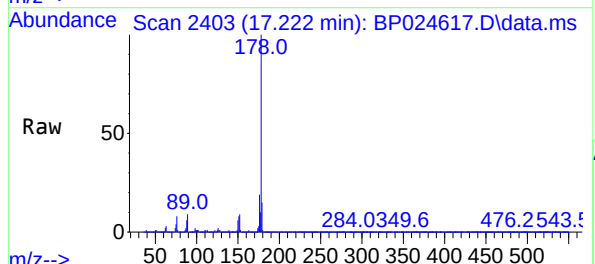
Manual Integrations
APPROVED

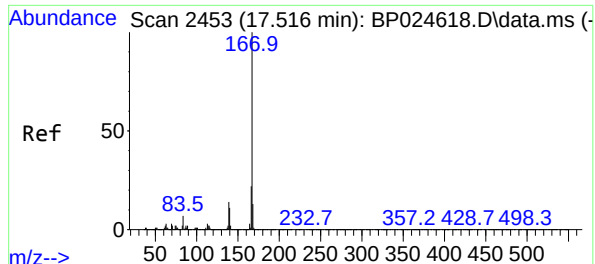
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 20.42 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

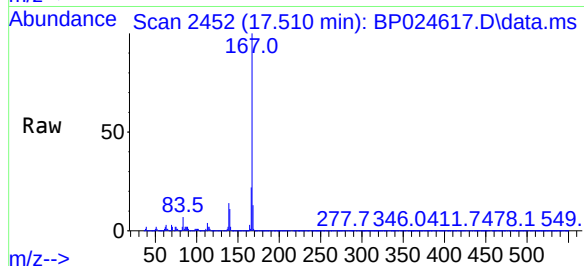
Tgt Ion:178 Resp: 735787
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 14.9 12.2 18.2





#73
Carbazole
Concen: 20.53 ng
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

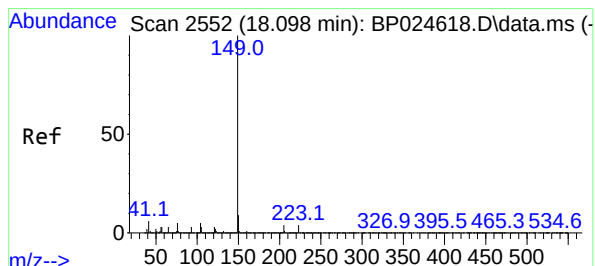
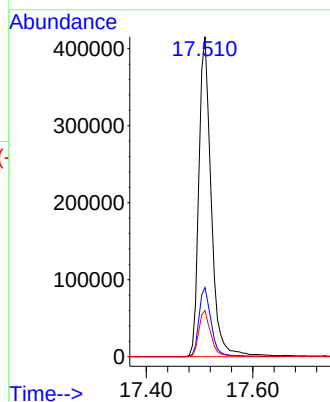
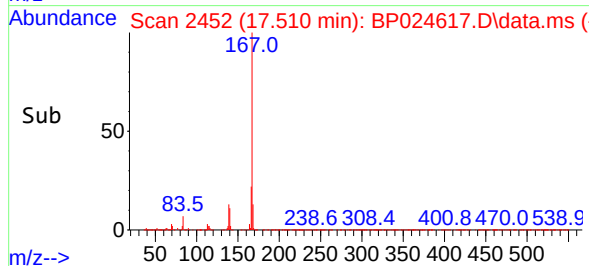
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 669730
Ion Ratio Lower Upper
167 100
166 21.6 17.7 26.5
139 14.4 11.3 16.9

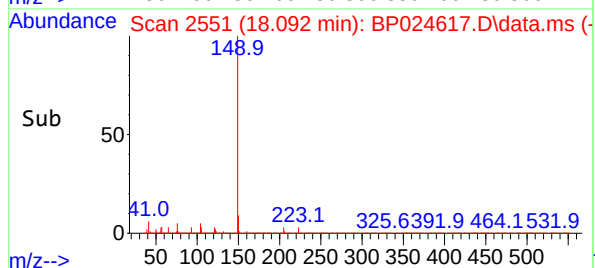
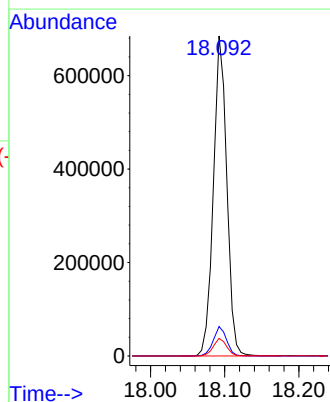
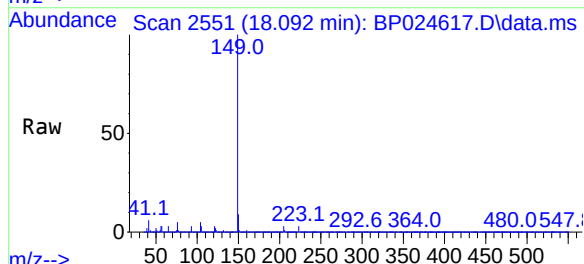
Manual Integrations
APPROVED

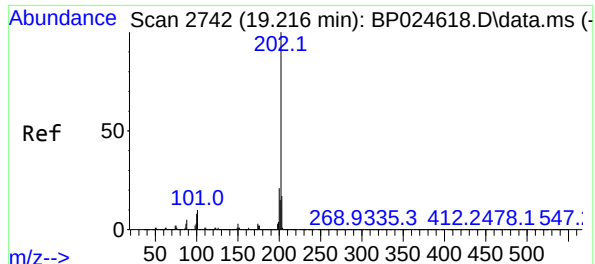
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 20.46 ng
RT: 18.092 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

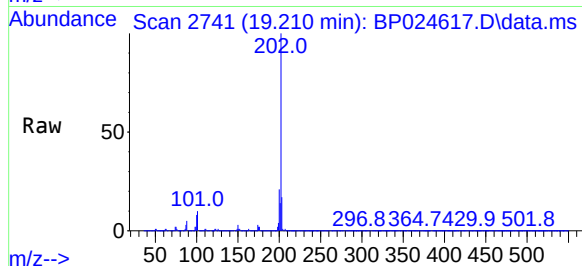
Tgt Ion:149 Resp: 858522
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 20.22 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

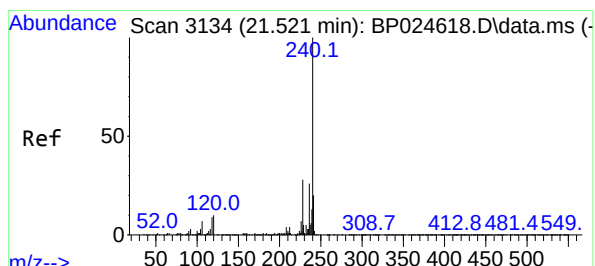
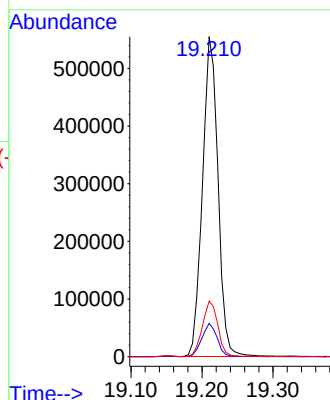
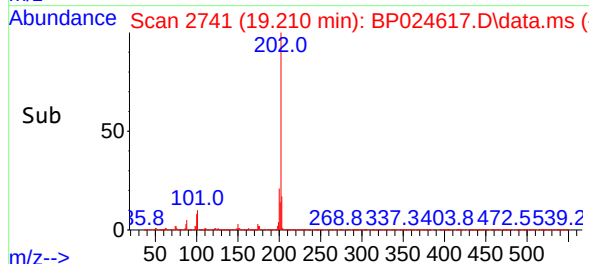
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 846684
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.3
203 17.3 0.0 37.5

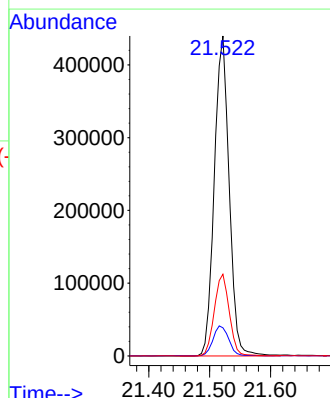
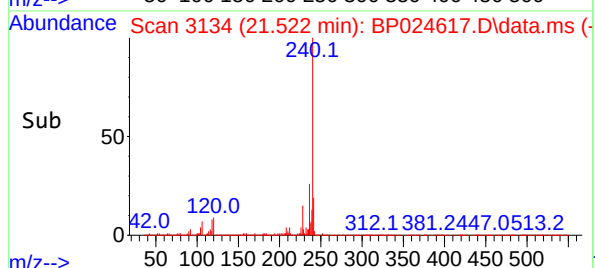
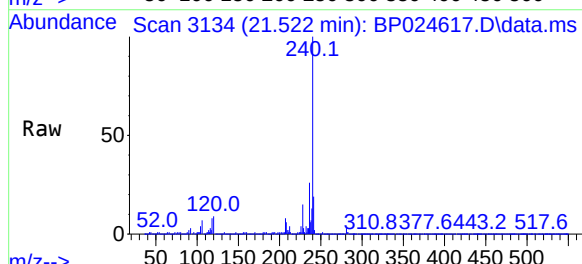
Manual Integrations
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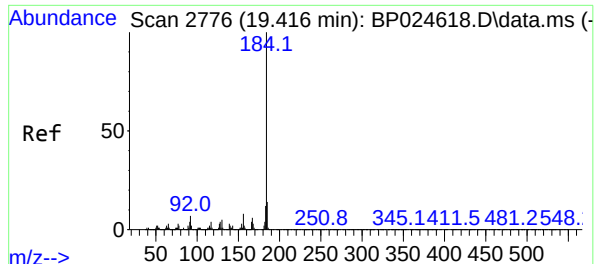
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:240 Resp: 745224
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.5 20.6 31.0





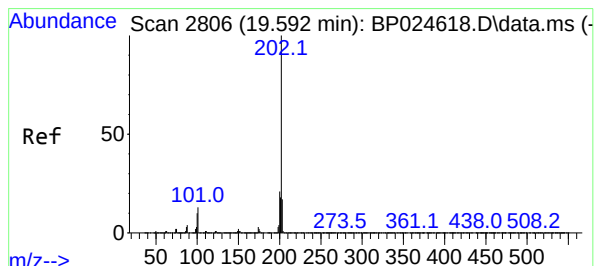
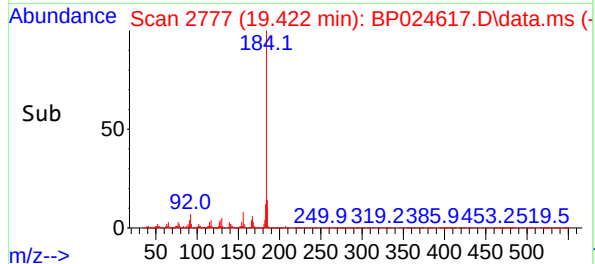
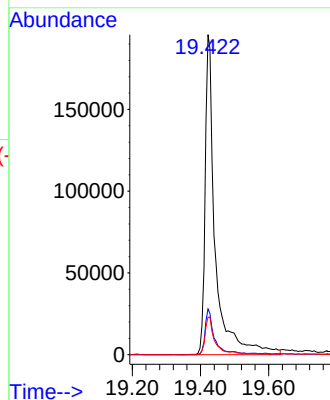
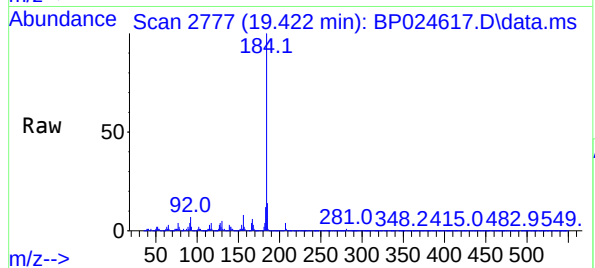
#77
Benzidine
Concen: 19.79 ng
RT: 19.422 min Scan# 2777
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 404890
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 11.8 9.8 14.8

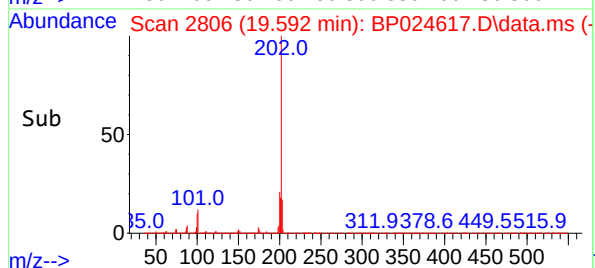
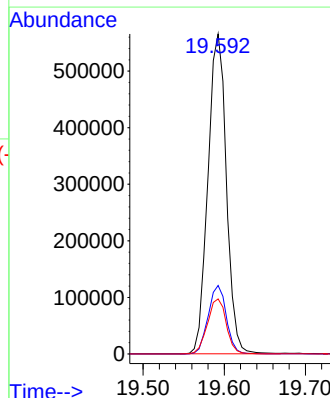
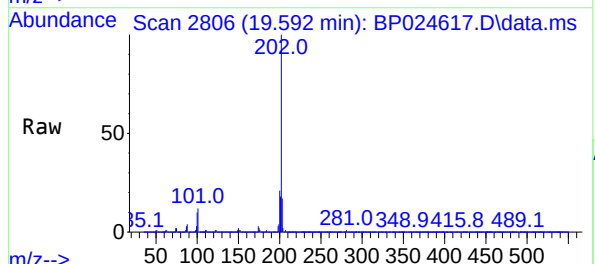
Manual Integrations
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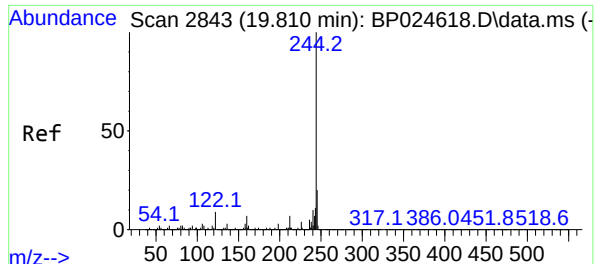
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#78
Pyrene
Concen: 19.98 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

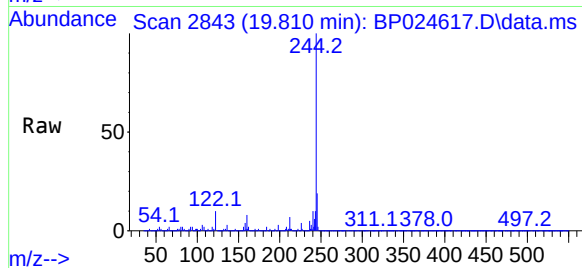
Tgt Ion:202 Resp: 892037
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.2 13.9 20.9





#79
Terphenyl-d14
Concen: 39.96 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

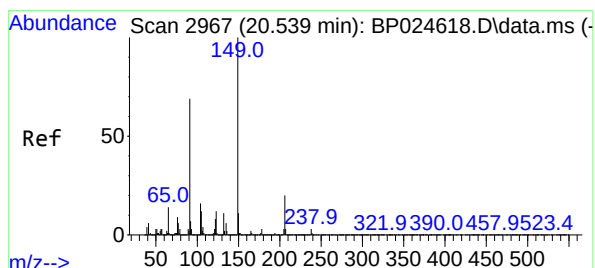
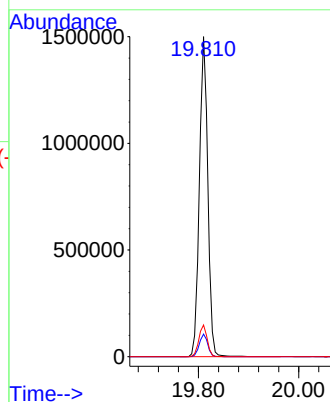
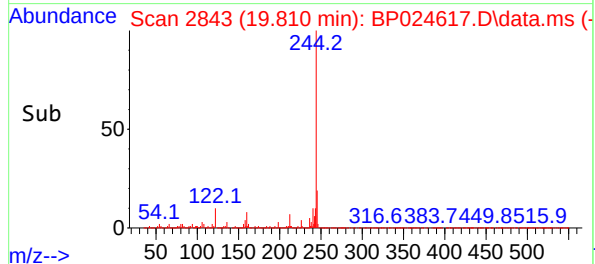
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 1736879
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.9 7.4 11.0

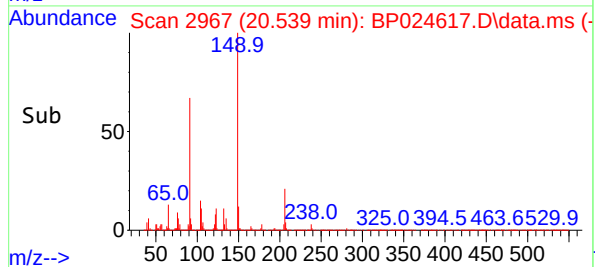
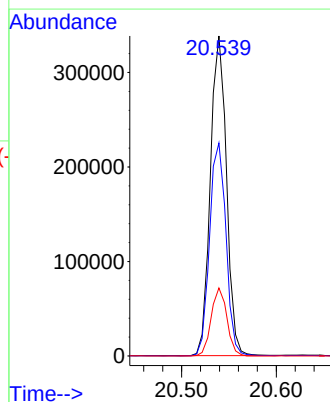
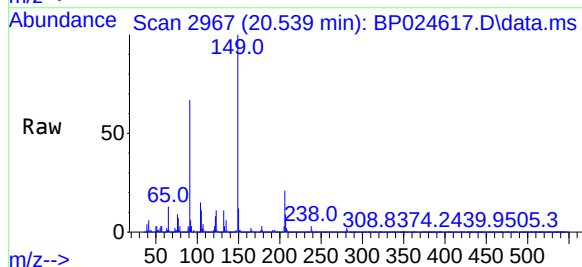
Manual Integrations
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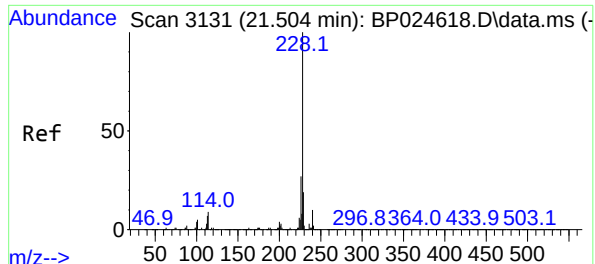
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#80
Butylbenzylphthalate
Concen: 20.14 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

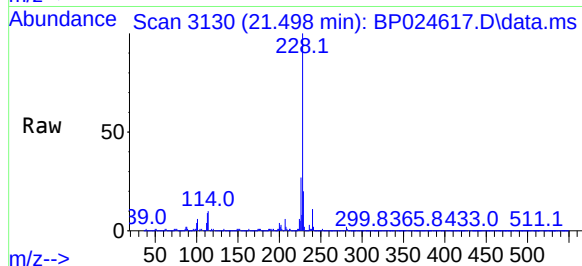
Tgt Ion:149 Resp: 400050
Ion Ratio Lower Upper
149 100
91 66.6 55.4 83.0
206 21.3 16.2 24.2





#81
Benzo(a)anthracene
Concen: 19.95 ng
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

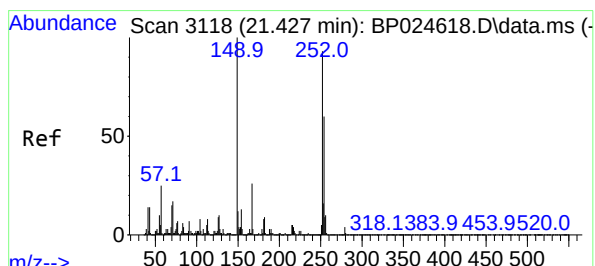
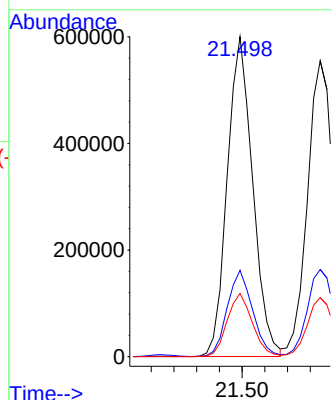
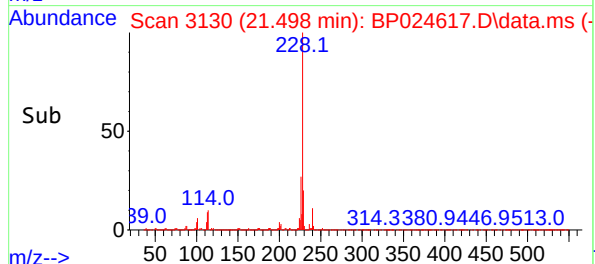
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 933614
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.7 15.5 23.3

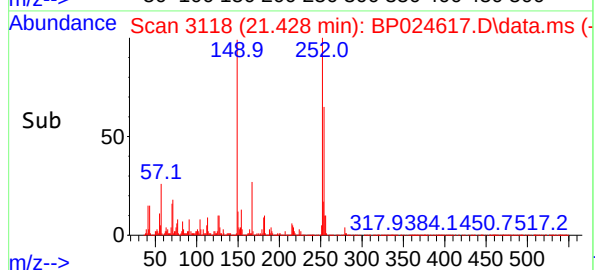
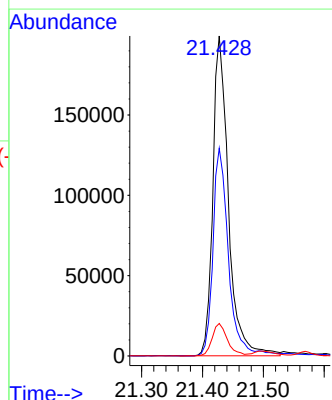
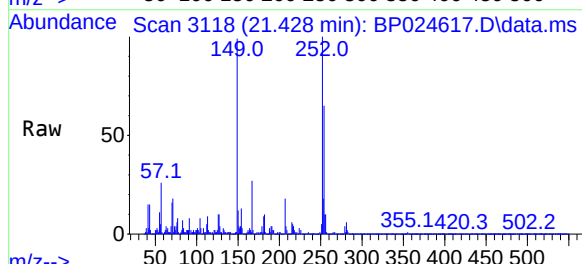
Manual Integrations
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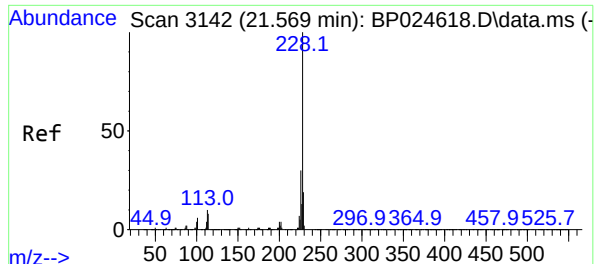
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.31 ng
RT: 21.428 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 353000
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 10.1 7.7 11.5





#83

Chrysene

Concen: 19.91 ng

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 88300

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

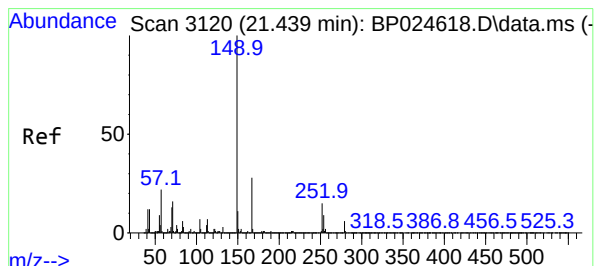
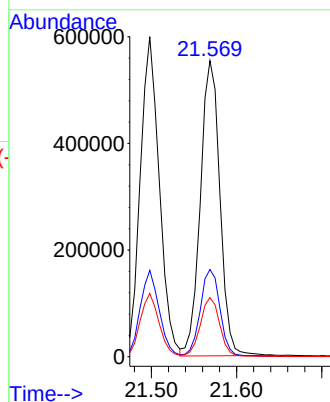
229 20.0 15.5 23.3

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.45 ng

RT: 21.439 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

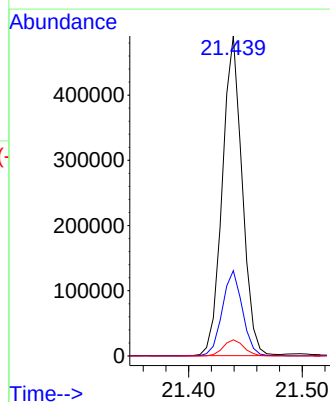
Tgt Ion:149 Resp: 597012

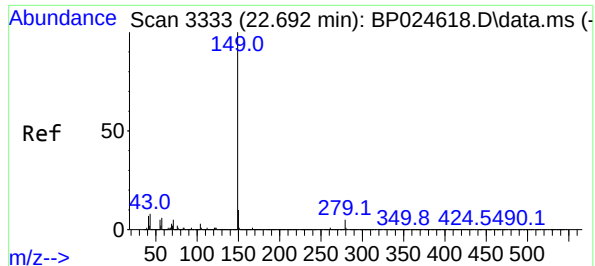
Ion Ratio Lower Upper

149 100

167 26.6 22.1 33.1

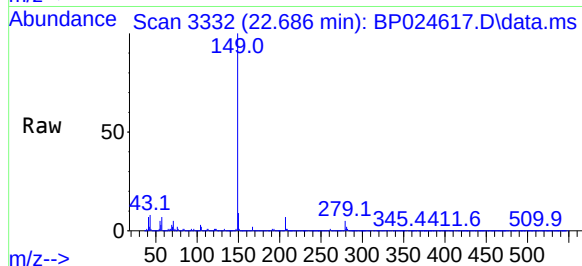
279 5.0 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 19.85 ng
RT: 22.686 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

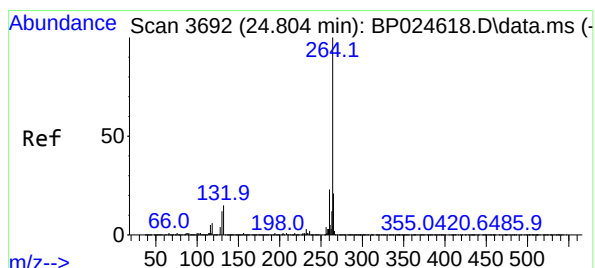
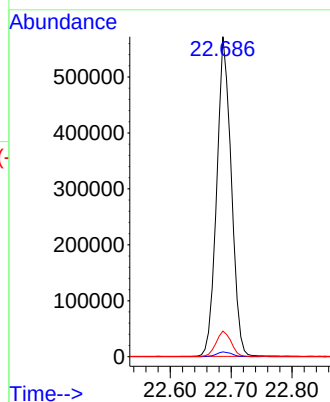
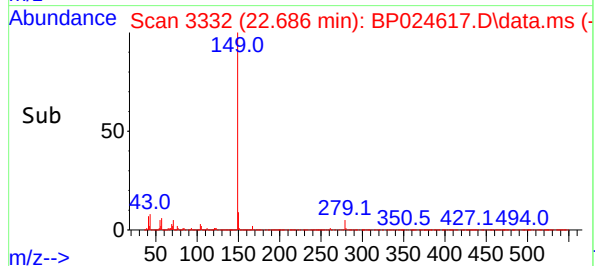
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 94757
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.3 6.3 9.5

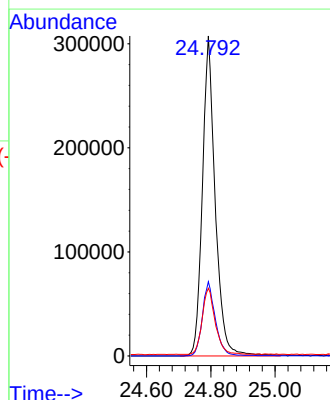
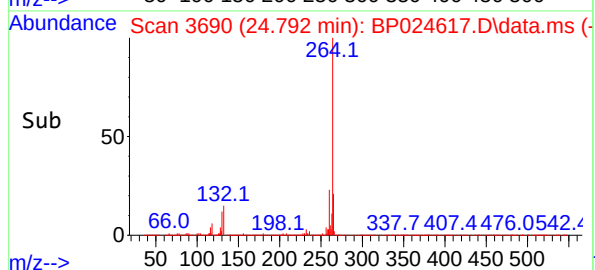
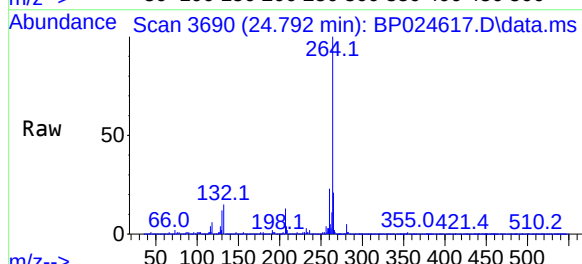
Manual Integrations
APPROVED

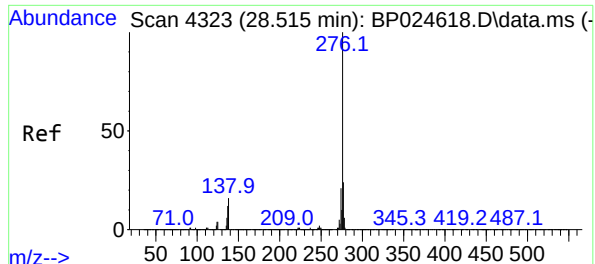
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

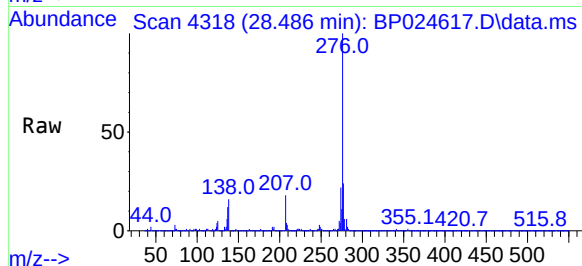
Tgt Ion:264 Resp: 850264
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.81 ng m
RT: 28.486 min Scan# 4323
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

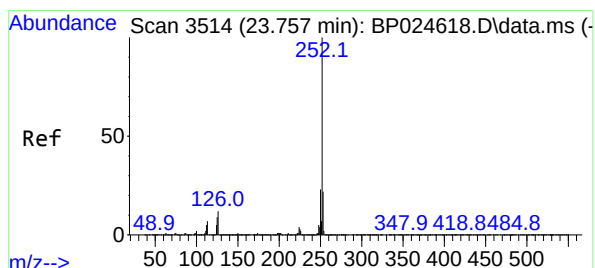
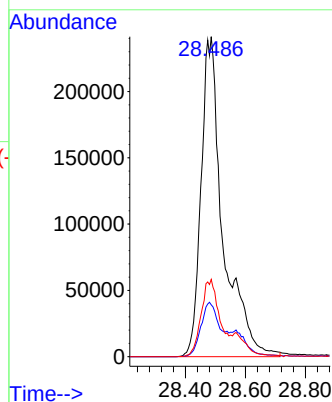
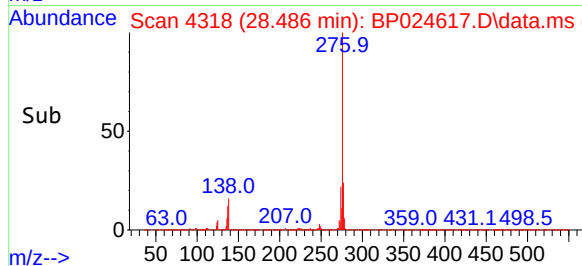
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 123012
Ion Ratio Lower Upper
276 100
138 15.2 11.2 16.8
277 20.9 15.7 23.5

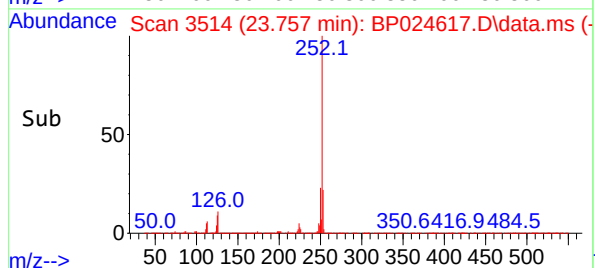
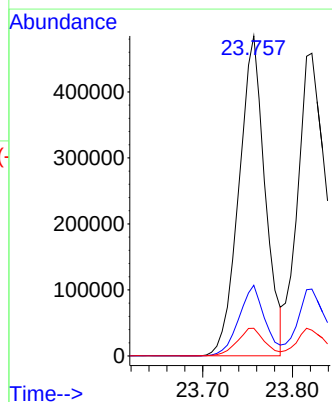
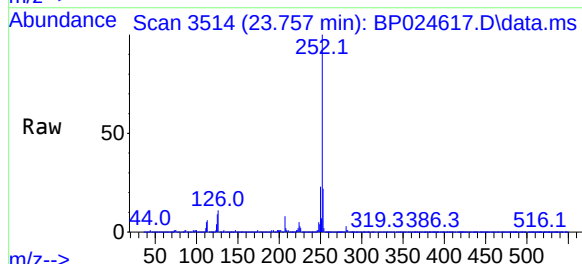
Manual Integrations
APPROVED

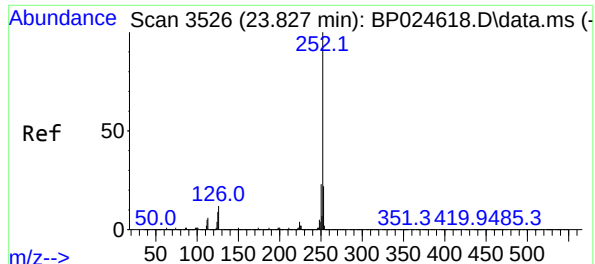
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#88
Benzo(b)fluoranthene
Concen: 20.13 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 252 Resp: 979873
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 20.05 ng

RT: 23.822 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1005349

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

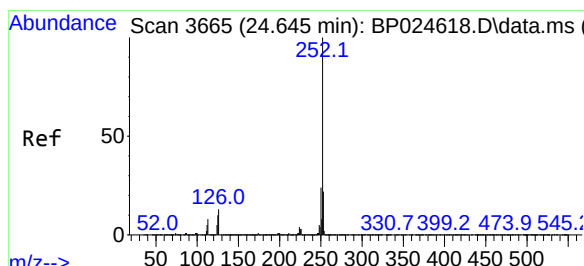
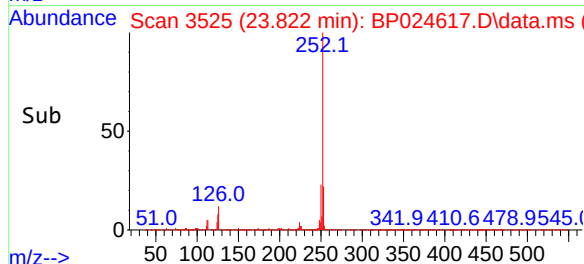
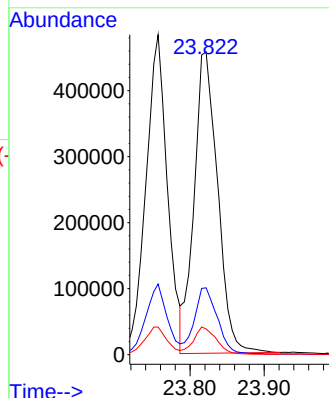
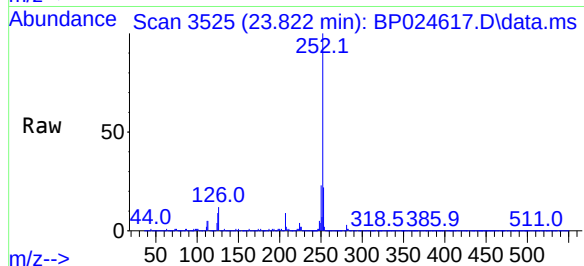
125 8.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 20.23 ng

RT: 24.627 min Scan# 3662

Delta R.T. -0.017 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

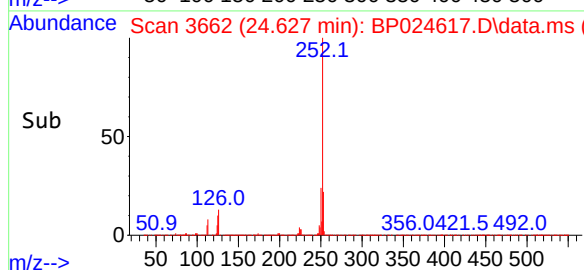
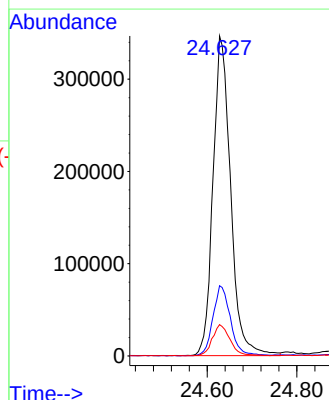
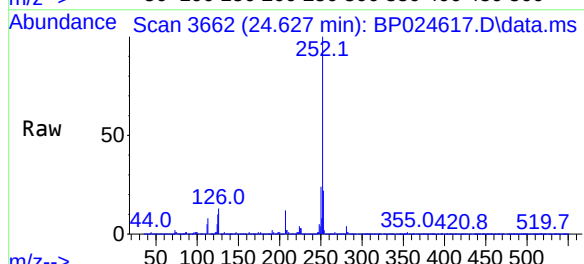
Tgt Ion:252 Resp: 945764

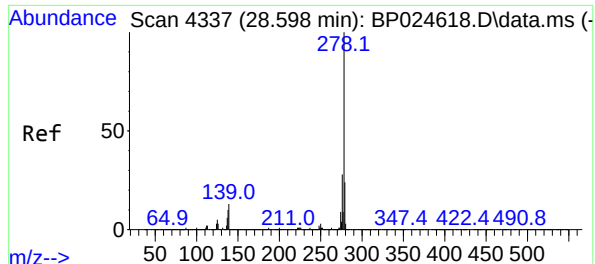
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 19.97 ng

RT: 28.568 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 100828

Ion Ratio Lower Upper

278 100

139 13.5 10.2 15.4

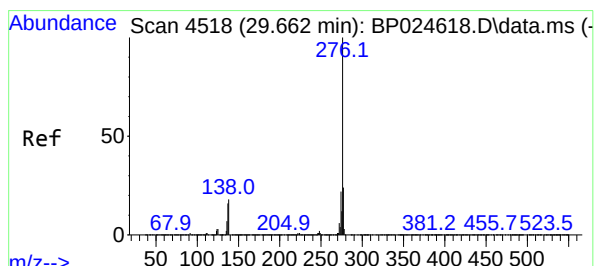
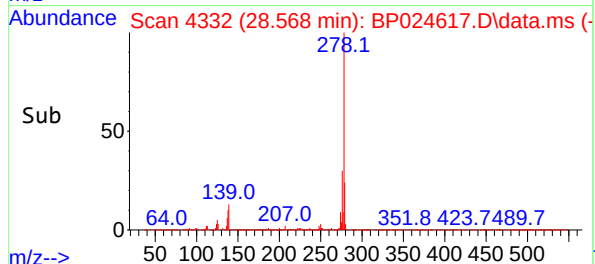
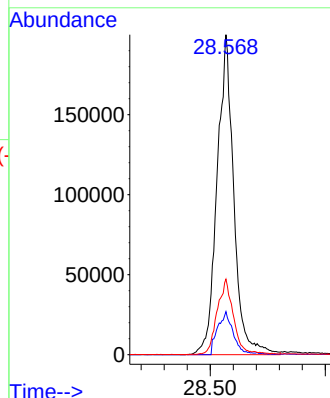
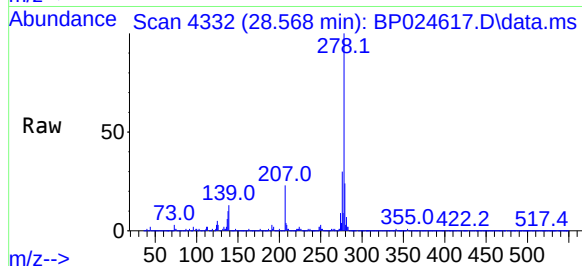
279 23.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#92

Benzo(g,h,i)perylene

Concen: 19.75 ng

RT: 29.627 min Scan# 4512

Delta R.T. -0.035 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

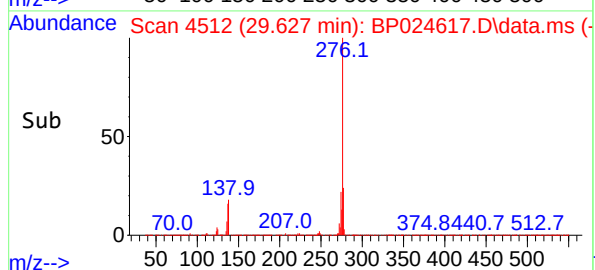
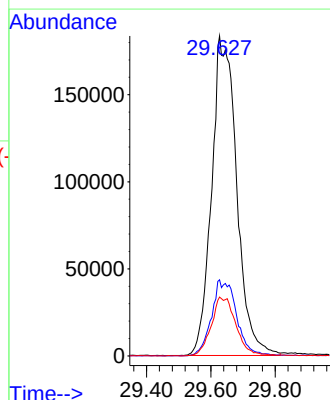
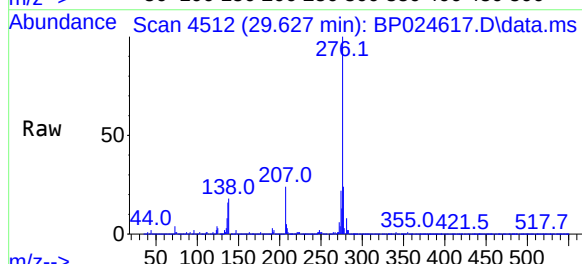
Tgt Ion:276 Resp: 991852

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 18.4 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024618.D
 Acq On : 13 May 2025 13:24
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:06:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	120950	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	540452	20.00	ng	0.00
39) Acenaphthene-d10	14.304	164	362458	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	717362	20.00	ng	0.00
76) Chrysene-d12	21.521	240	810498	20.00	ng	0.00
86) Perylene-d12	24.804	264	929890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	534477	75.58	ng	0.00
7) Phenol-d6	6.852	99	712342	78.93	ng	0.00
23) Nitrobenzene-d5	8.810	82	826567	77.28	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	467808	76.13	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2076354	75.05	ng	0.00
79) Terphenyl-d14	19.810	244	3647961	77.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	122181	36.79	ng	100
3) Pyridine	3.622	79	289809	39.36	ng	100
4) n-Nitrosodimethylamine	3.534	42	125087	38.48	ng	100
6) Aniline	7.005	93	463675	39.79	ng	100
8) 2-Chlorophenol	7.240	128	315079	39.25	ng	100
9) Benzaldehyde	6.822	77	231076m	39.62	ng	
10) Phenol	6.881	94	364948	39.18	ng	100
11) bis(2-Chloroethyl)ether	7.099	93	293331	38.32	ng	100
12) 1,3-Dichlorobenzene	7.552	146	348242	37.71	ng	100
13) 1,4-Dichlorobenzene	7.699	146	355533	38.27	ng	100
14) 1,2-Dichlorobenzene	8.010	146	344980	38.11	ng	100
15) Benzyl Alcohol	7.905	79	277892	40.52	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.187	45	354872	38.71	ng	100
17) 2-Methylphenol	8.110	107	265962	39.81	ng	100
18) Hexachloroethane	8.728	117	133224	37.43	ng	100
19) n-Nitroso-di-n-propyla...	8.457	70	253553	40.61	ng	100
20) 3+4-Methylphenols	8.434	107	366564	40.33	ng	100
22) Acetophenone	8.475	105	521603	38.64	ng	100
24) Nitrobenzene	8.852	77	363767	38.65	ng	100
25) Isophorone	9.375	82	727081	39.19	ng	100
26) 2-Nitrophenol	9.563	139	185587	40.24	ng	100
27) 2,4-Dimethylphenol	9.628	122	322227	39.62	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	430958	38.88	ng	100
29) 2,4-Dichlorophenol	10.093	162	314830	39.95	ng	100
30) 1,2,4-Trichlorobenzene	10.299	180	330659	37.23	ng	100
31) Naphthalene	10.481	128	1059316	37.82	ng	100
32) Benzoic acid	9.775	122	206829m	38.01	ng	
33) 4-Chloroaniline	10.599	127	452150	40.01	ng	100
34) Hexachlorobutadiene	10.763	225	213978	37.19	ng	100
35) Caprolactam	11.387	113	118047	41.43	ng	100
36) 4-Chloro-3-methylphenol	11.734	107	385077	40.07	ng	100
37) 2-Methylnaphthalene	12.093	142	692133	38.17	ng	100
38) 1-Methylnaphthalene	12.316	142	745849	38.44	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	398230	37.84	ng	100
41) Hexachlorocyclopentadiene	12.445	237	258329	40.48	ng	100
43) 2,4,6-Trichlorophenol	12.716	196	268675	39.41	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024618.D
 Acq On : 13 May 2025 13:24
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:06:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	293079	38.62	ng	100
46) 1,1'-Biphenyl	13.116	154	1002344	37.42	ng	100
47) 2-Chloronaphthalene	13.157	162	771952	37.79	ng	100
48) 2-Nitroaniline	13.375	65	242485	40.10	ng	100
49) Acenaphthylene	14.016	152	1307740	38.26	ng	100
50) Dimethylphthalate	13.757	163	1051056	38.04	ng	100
51) 2,6-Dinitrotoluene	13.881	165	226086	38.75	ng	100
52) Acenaphthene	14.363	154	745335	37.93	ng	100
53) 3-Nitroaniline	14.216	138	246561	41.39	ng	100
54) 2,4-Dinitrophenol	14.428	184	124517	37.54	ng	100
55) Dibenzofuran	14.698	168	1183806	37.77	ng	100
56) 4-Nitrophenol	14.551	139	186112	38.41	ng	100
57) 2,4-Dinitrotoluene	14.681	165	329156	40.02	ng	100
58) Fluorene	15.357	166	968487	37.89	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	274384	38.98	ng	100
60) Diethylphthalate	15.139	149	1046478	37.48	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	475327	37.29	ng	100
62) 4-Nitroaniline	15.392	138	239212	41.24	ng	100
63) Azobenzene	15.651	77	906274	37.94	ng	100
65) 4,6-Dinitro-2-methylph...	15.457	198	184593	39.84	ng	100
66) n-Nitrosodiphenylamine	15.581	169	851188	38.63	ng	100
67) 4-Bromophenyl-phenylether	16.263	248	323558	38.28	ng	100
68) Hexachlorobenzene	16.381	284	403916	37.60	ng	100
69) Atrazine	16.557	200	312226	38.67	ng	100
70) Pentachlorophenol	16.745	266	246828	40.91	ng	100
71) Phenanthrene	17.133	178	1507602	37.80	ng	100
72) Anthracene	17.228	178	1542275	38.44	ng	100
73) Carbazole	17.516	167	1436294	39.55	ng	100
74) Di-n-butylphthalate	18.098	149	1807097	38.69	ng	100
75) Fluoranthene	19.216	202	1794046	38.49	ng	100
77) Benzidine	19.416	184	907109	40.77	ng	100
78) Pyrene	19.592	202	1869519	38.50	ng	100
80) Butylbenzylphthalate	20.539	149	854913	39.58	ng	100
81) Benzo(a)anthracene	21.504	228	1957632	38.47	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	773866	40.94	ng	100
83) Chrysene	21.569	228	1833959	38.01	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1240956	39.09	ng	100
85) Di-n-octyl phthalate	22.692	149	2074694	39.97	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2648648	39.00	ng	100
88) Benzo(b)fluoranthene	23.757	252	2050806	38.53	ng	100
89) Benzo(k)fluoranthene	23.827	252	2120721	38.67	ng	100
90) Benzo(a)pyrene	24.645	252	1979017	38.71	ng	100
91) Dibenzo(a,h)anthracene	28.598	278	2170712	39.30	ng	100
92) Benzo(g,h,i)perylene	29.662	276	2132921	38.84	ng	100

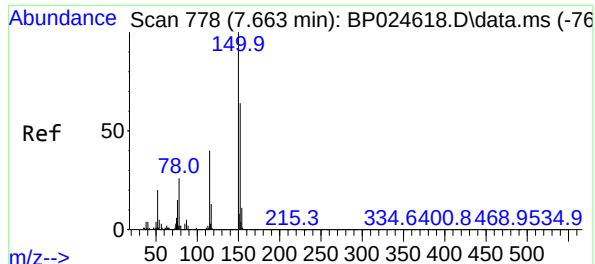
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

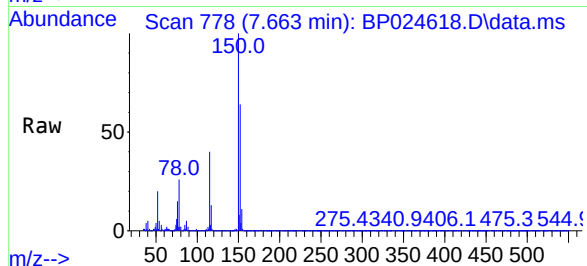
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jaagrut Upadhyay 05/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

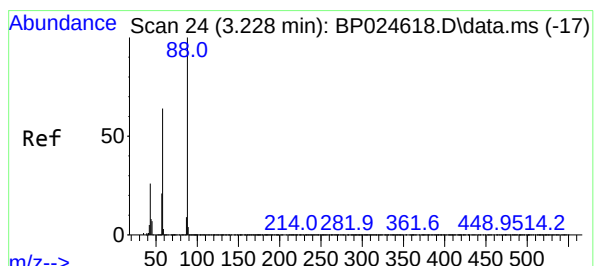
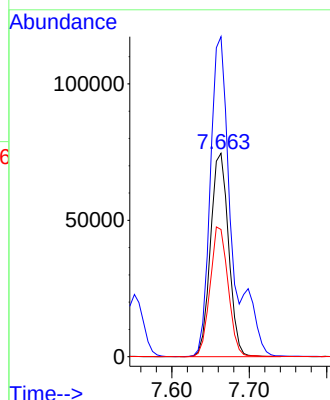
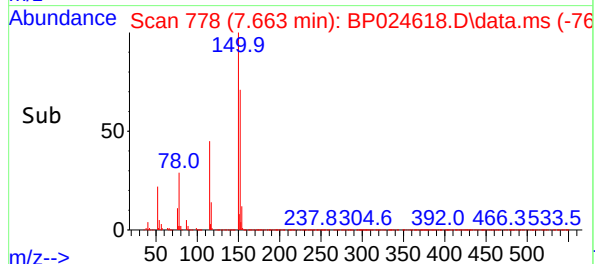
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 120950
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 62.6 50.1 75.1

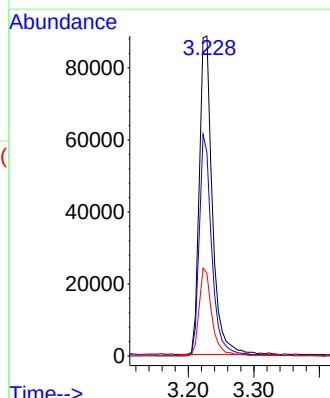
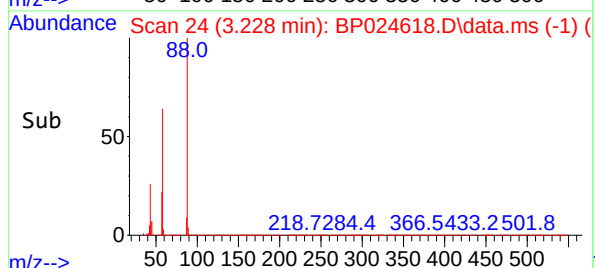
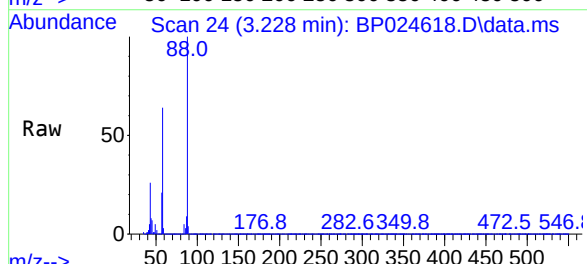
Manual Integrations
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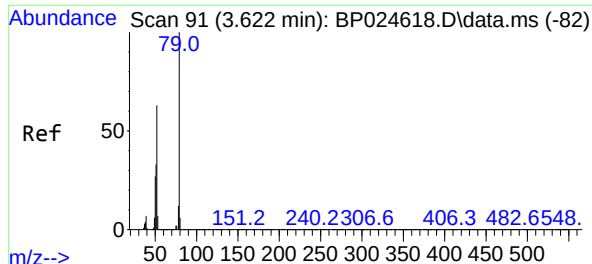
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

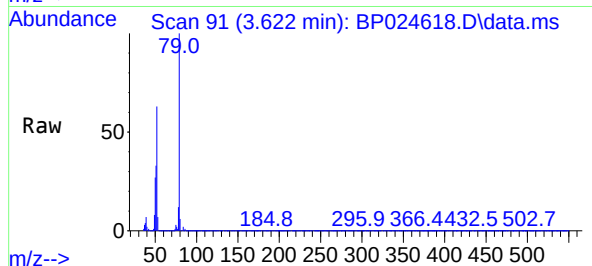
Tgt Ion: 88 Resp: 122181
Ion Ratio Lower Upper
88 100
58 67.5 54.0 81.0
43 26.7 21.4 32.0





#3
Pyridine
Concen: 39.36 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

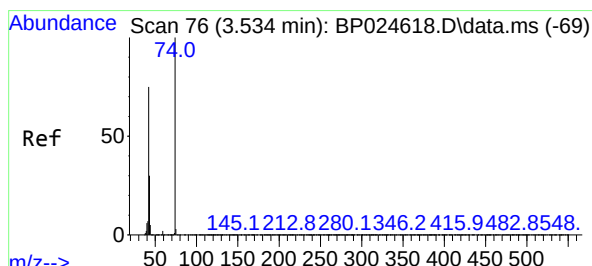
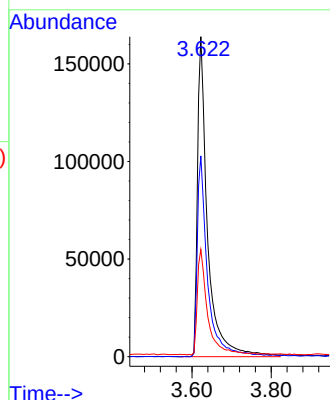
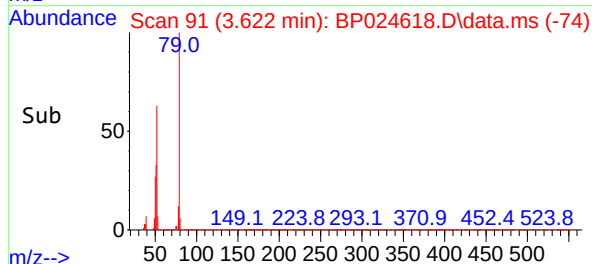
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 289809
Ion Ratio Lower Upper
79 100
52 62.7 50.2 75.2
51 33.5 26.8 40.2

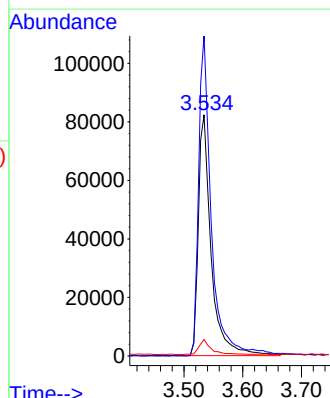
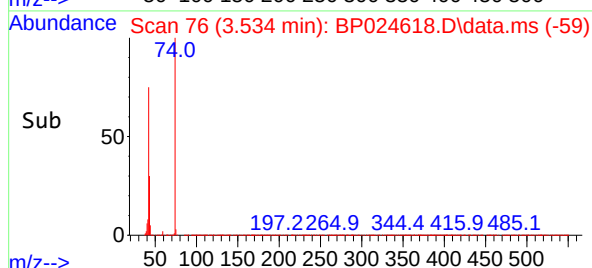
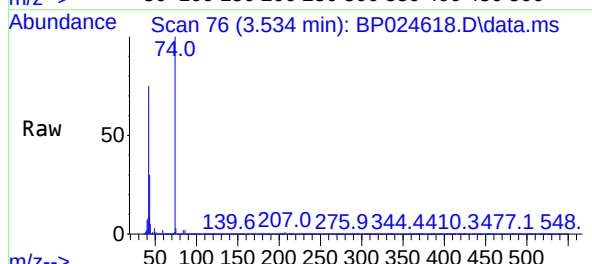
Manual Integrations
APPROVED

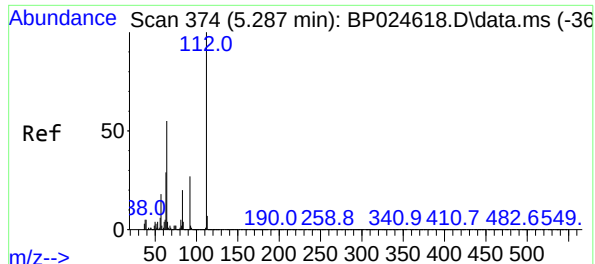
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#4
n-Nitrosodimethylamine
Concen: 38.48 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

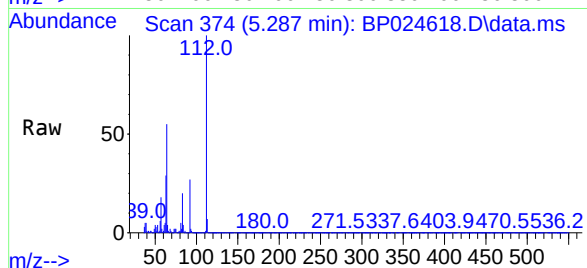
Tgt Ion: 42 Resp: 125087
Ion Ratio Lower Upper
42 100
74 132.7 106.2 159.2
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 75.58 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

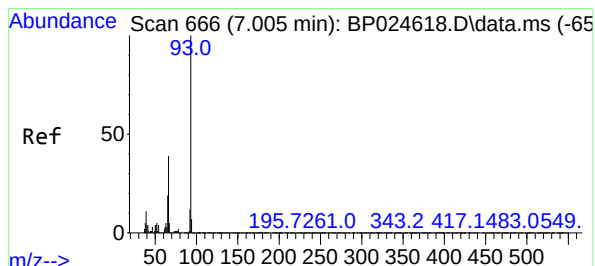
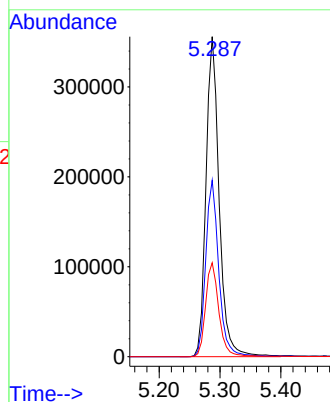
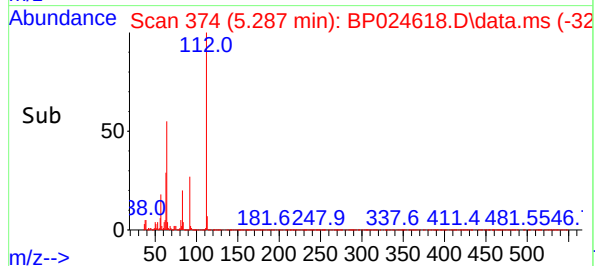
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 53447
Ion Ratio Lower Upper
112 100
64 55.1 44.1 66.1
63 29.4 23.5 35.3

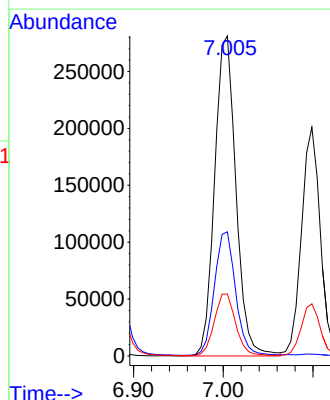
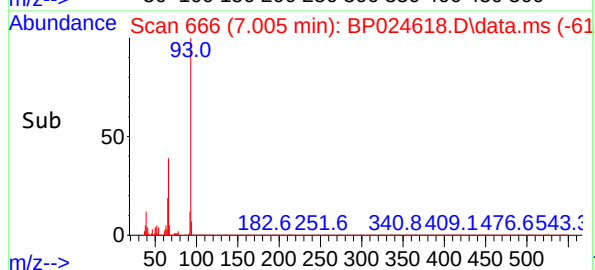
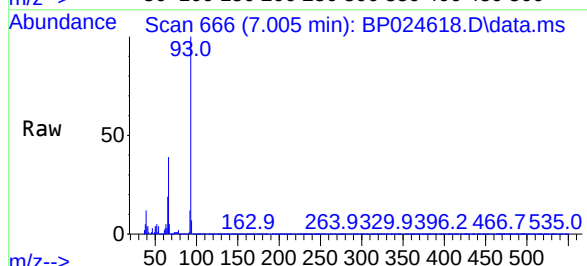
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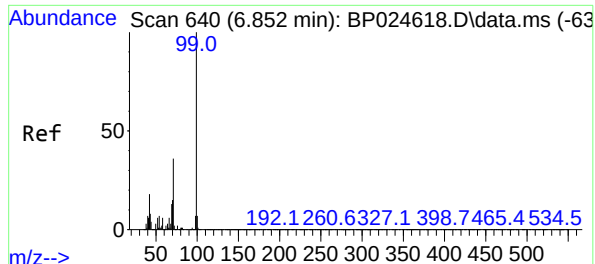
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 39.79 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

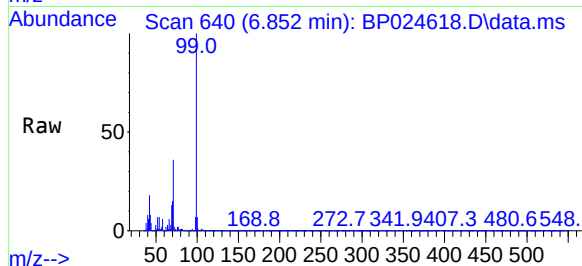
Tgt Ion: 93 Resp: 463675
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.4 15.5 23.3





#7
Phenol-d6
Concen: 78.93 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

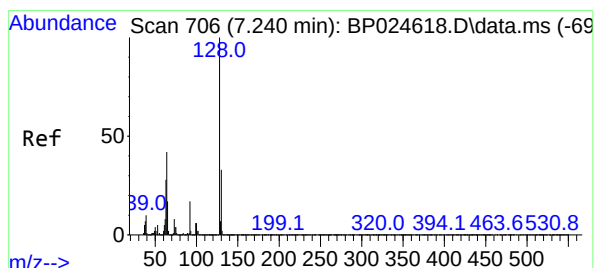
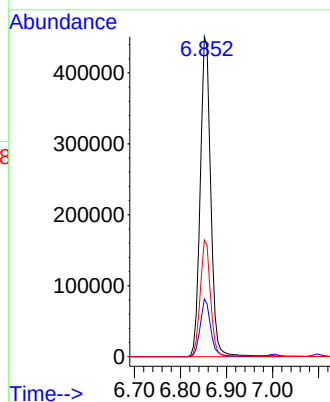
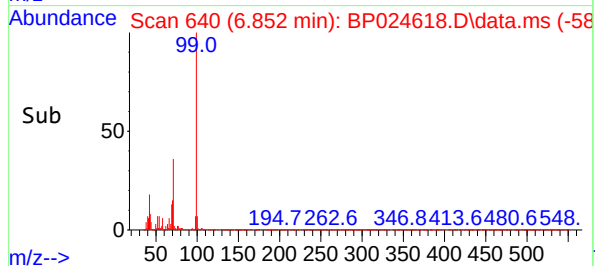
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 99 Resp: 71234
Ion Ratio Lower Upper
99 100
42 18.0 14.4 21.6
71 36.5 29.2 43.8

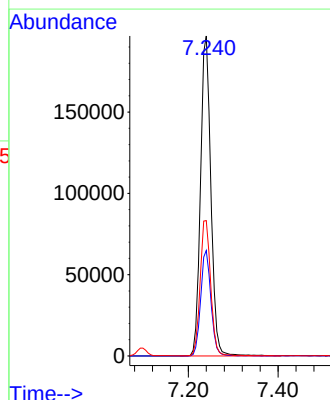
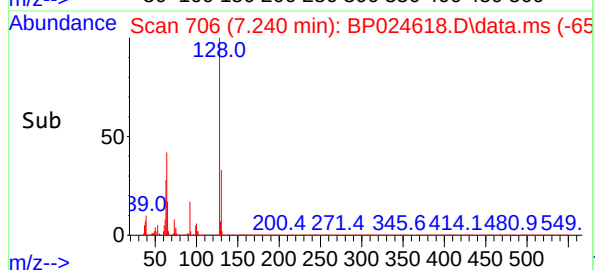
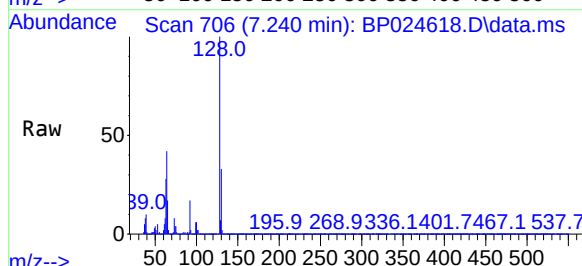
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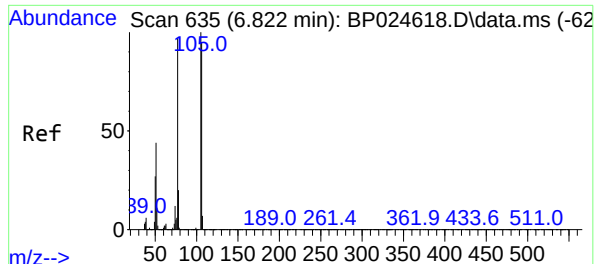
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#8
2-Chlorophenol
Concen: 39.25 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:128 Resp: 315079
Ion Ratio Lower Upper
128 100
130 33.0 13.0 53.0
64 42.3 22.3 62.3





#9

Benzaldehyde

Concen: 39.62 ng m

RT: 6.822 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 231070

Ion Ratio Lower Upper

77 100

105 103.3 83.3 123.3

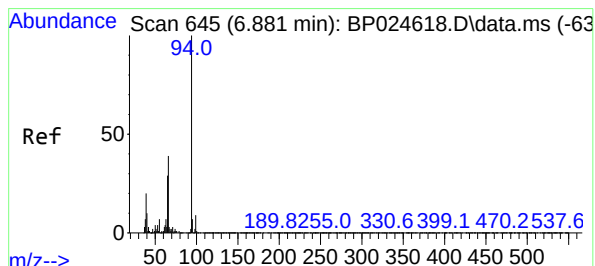
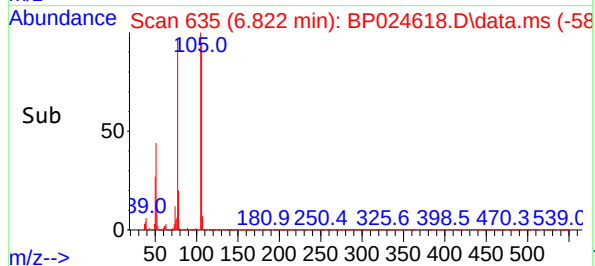
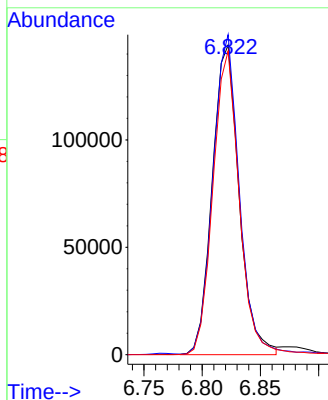
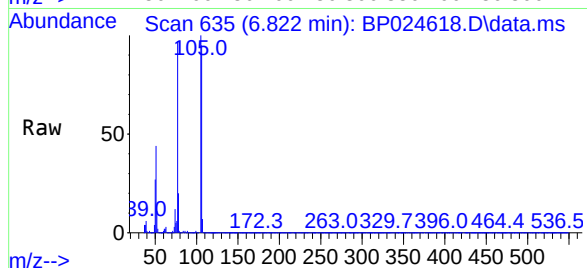
106 98.0 78.0 118.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/14/2025



#10

Phenol

Concen: 39.18 ng

RT: 6.881 min Scan# 645

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

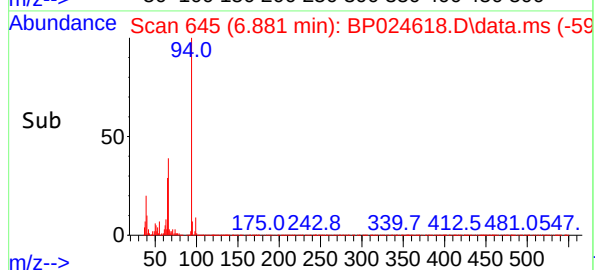
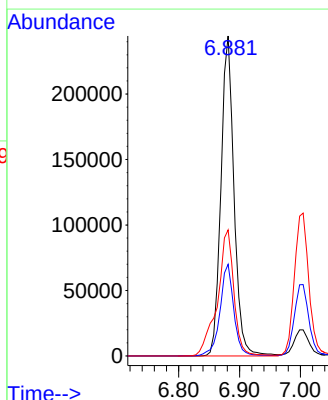
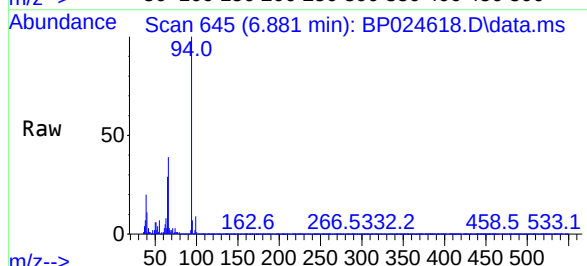
Tgt Ion: 94 Resp: 364948

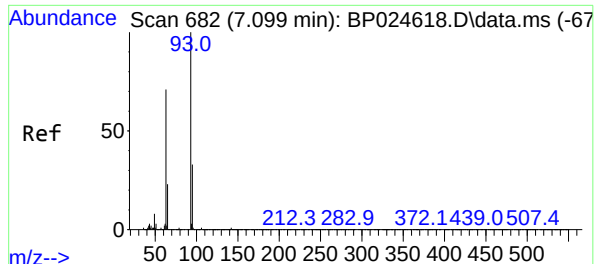
Ion Ratio Lower Upper

94 100

65 28.7 8.7 48.7

66 39.4 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 38.32 ng

RT: 7.099 min Scan# 682

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 29333

Ion Ratio Lower Upper

93 100

63 70.6 50.6 90.6

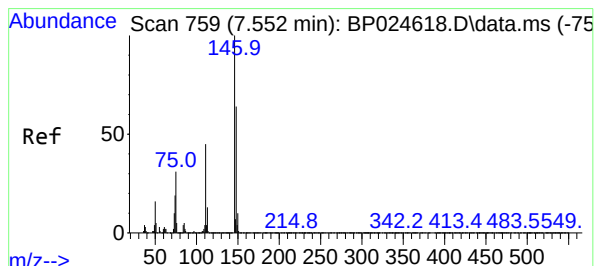
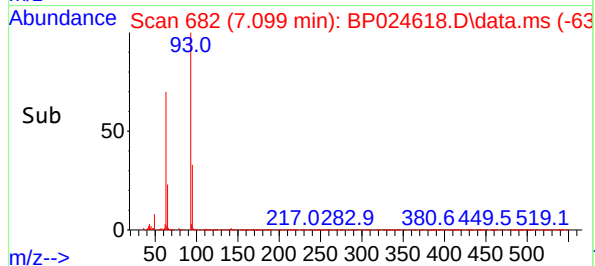
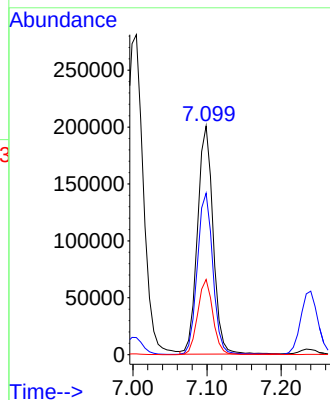
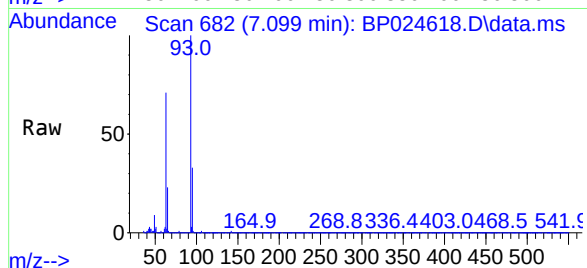
95 32.9 12.9 52.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/14/2025



#12

1,3-Dichlorobenzene

Concen: 37.71 ng

RT: 7.552 min Scan# 759

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

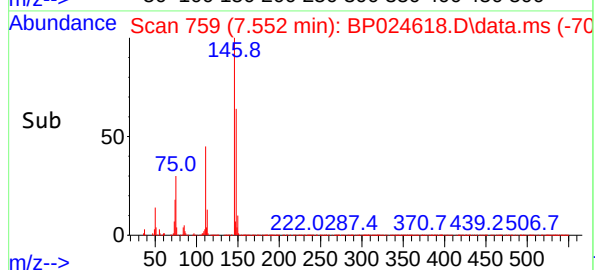
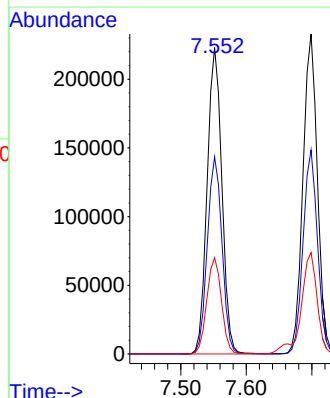
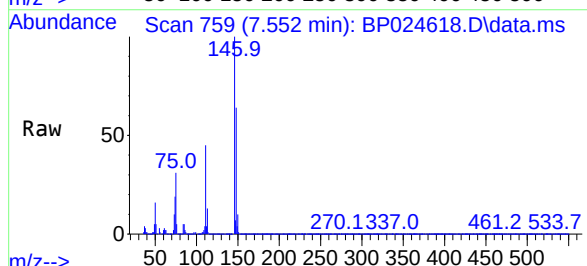
Tgt Ion:146 Resp: 348242

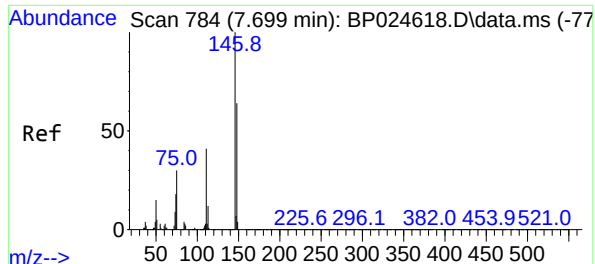
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

75 31.5 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 38.27 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 35553

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

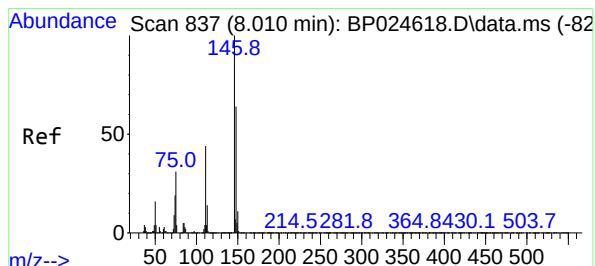
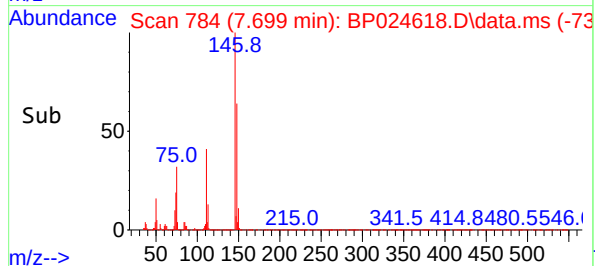
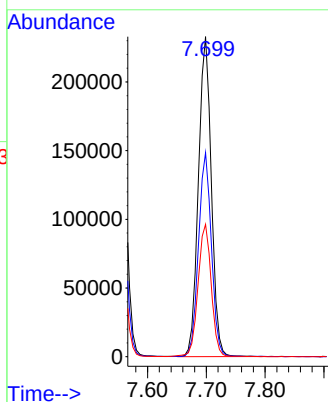
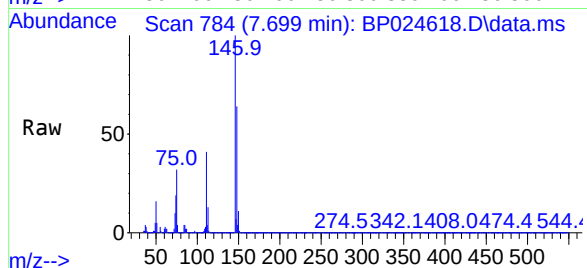
111 41.3 33.0 49.6

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 38.11 ng

RT: 8.010 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

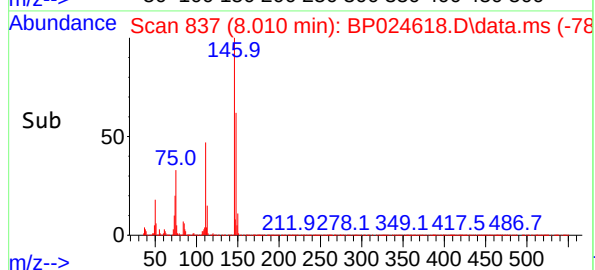
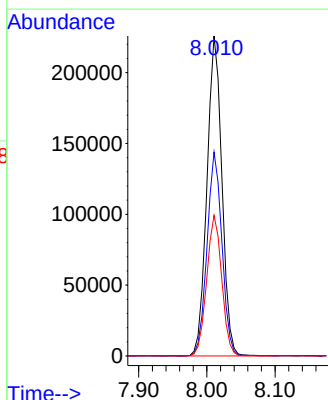
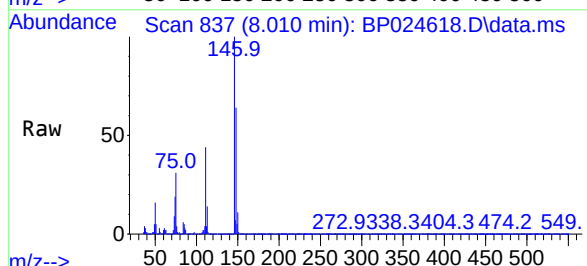
Tgt Ion:146 Resp: 344980

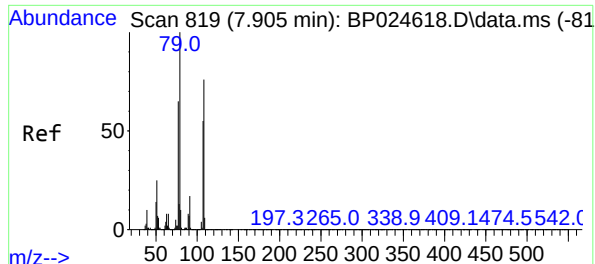
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 44.0 35.2 52.8





#15

Benzyl Alcohol

Concen: 40.52 ng

RT: 7.905 min Scan# 819

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 277892

Ion Ratio Lower Upper

79 100

108 76.0 60.8 91.2

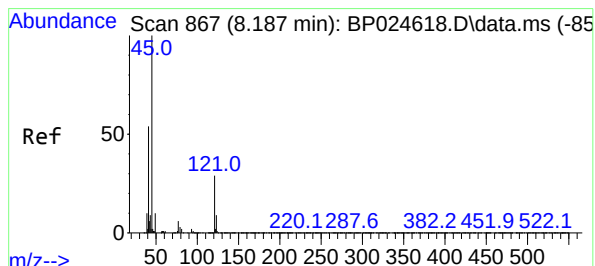
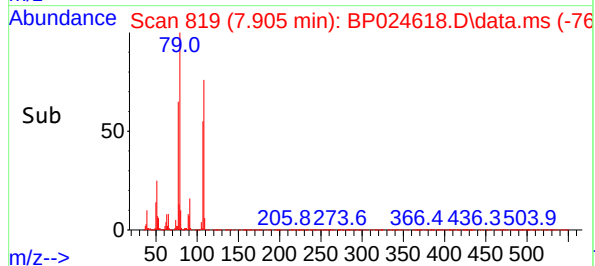
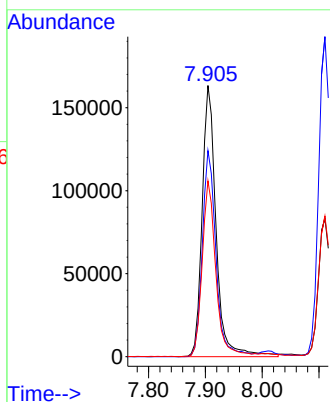
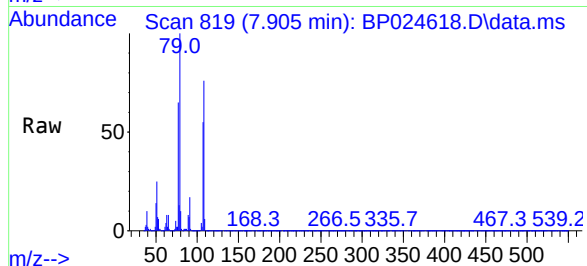
77 64.9 51.9 77.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.71 ng

RT: 8.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

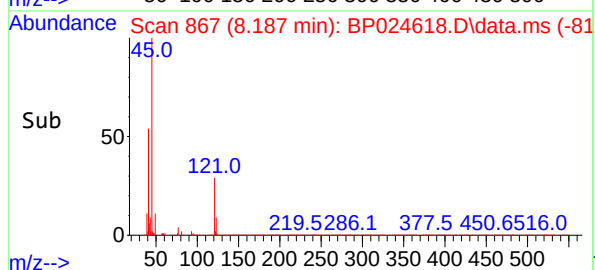
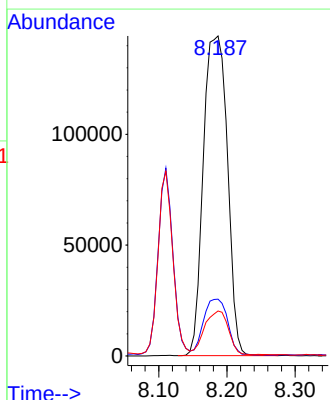
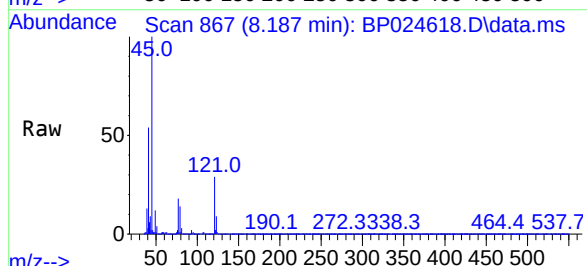
Tgt Ion: 45 Resp: 354872

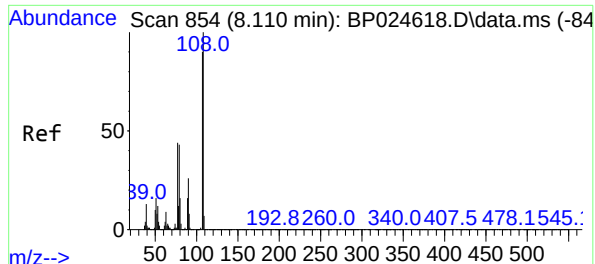
Ion Ratio Lower Upper

45 100

77 17.7 0.0 37.7

79 14.0 0.0 34.0





#17

2-Methylphenol

Concen: 39.81 ng

RT: 8.110 min Scan# 854

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 265962

Ion Ratio Lower Upper

107 100

108 111.1 88.9 133.3

77 48.8 39.0 58.6

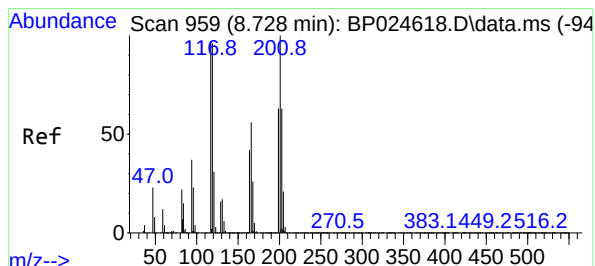
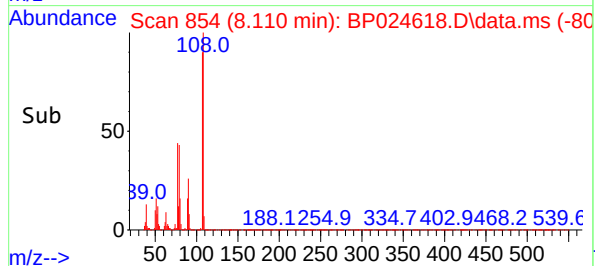
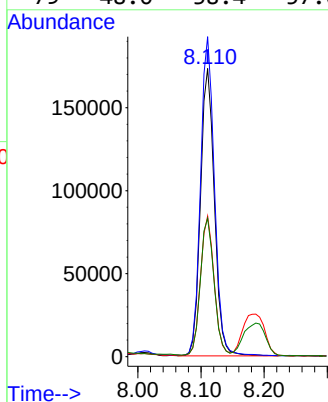
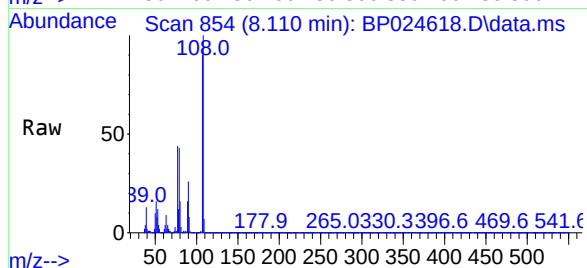
79 48.0 38.4 57.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 37.43 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

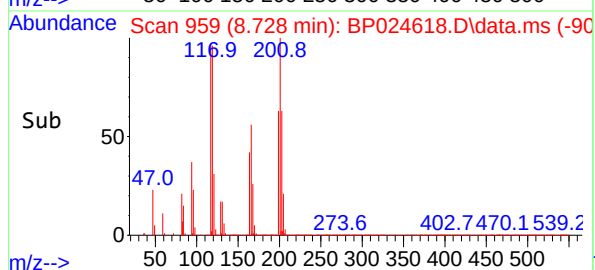
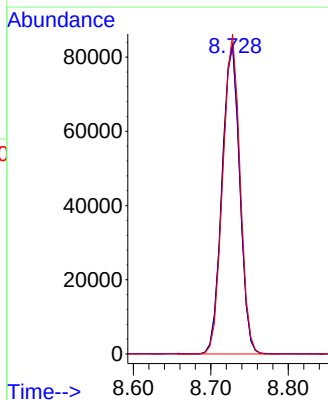
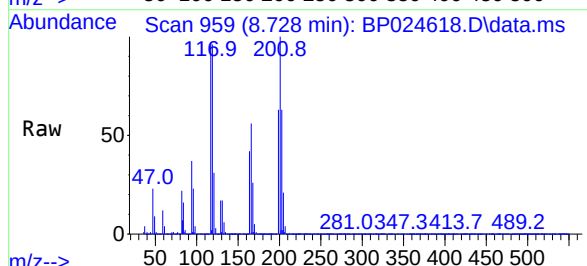
Tgt Ion:117 Resp: 133224

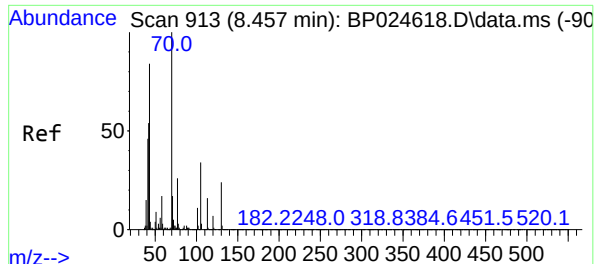
Ion Ratio Lower Upper

117 100

119 99.2 79.4 119.0

201 103.4 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.61 ng

RT: 8.457 min Scan# 913

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 25355

Ion Ratio Lower Upper

70 100

42 53.8 43.0 64.6

101 10.9 8.7 13.1

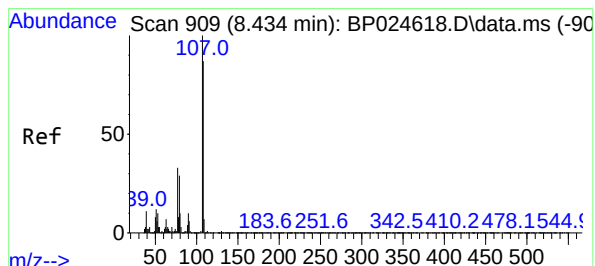
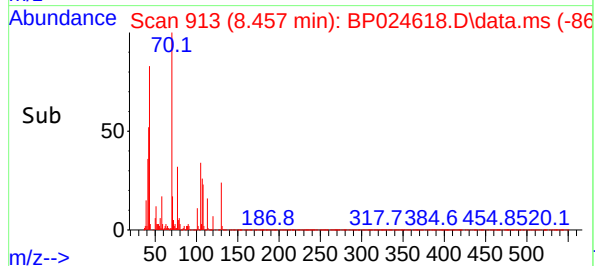
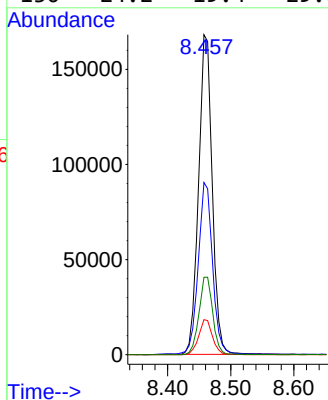
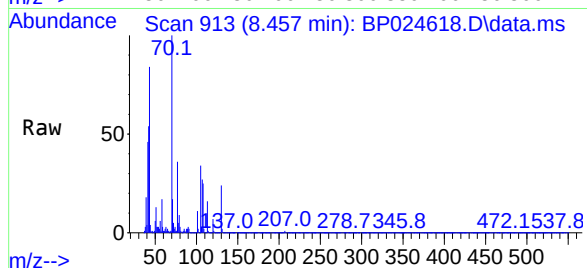
130 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 40.33 ng

RT: 8.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 366564

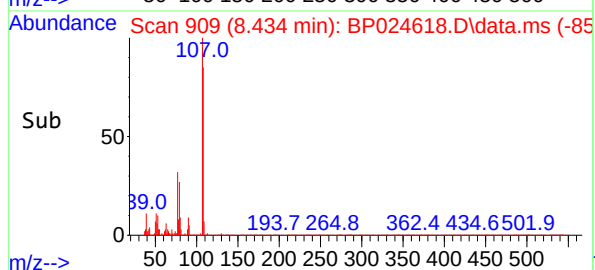
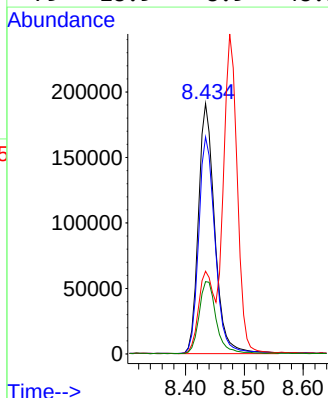
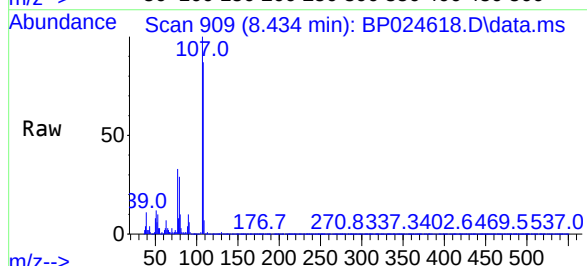
Ion Ratio Lower Upper

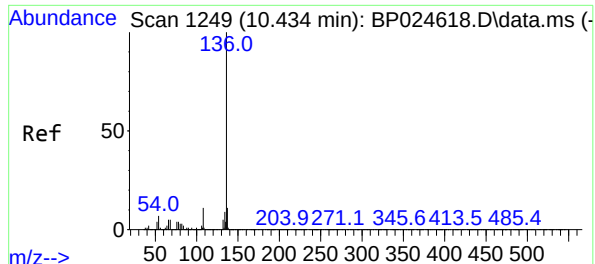
107 100

108 86.7 66.7 106.7

77 33.1 13.1 53.1

79 28.9 8.9 48.9





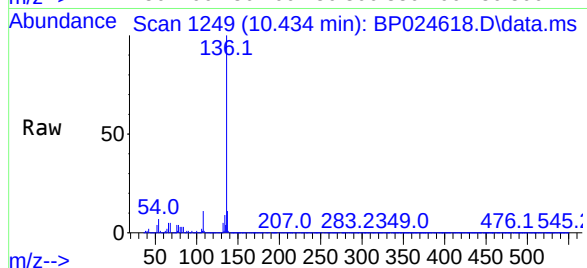
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

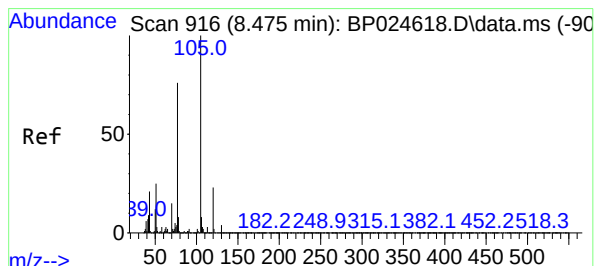
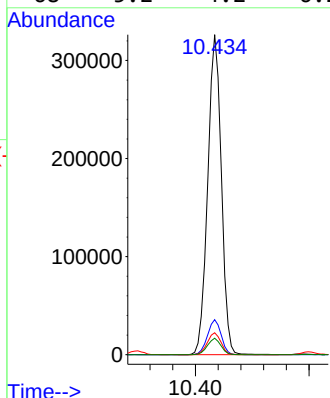
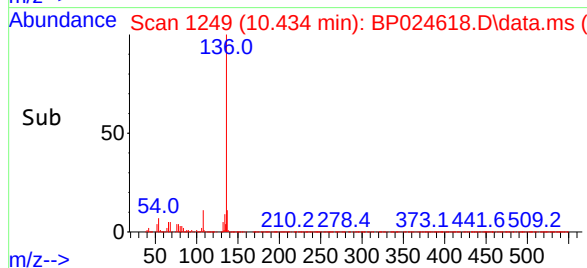


Tgt Ion:136 Resp: 540452
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 5.5 8.3
68 5.2 4.2 6.2

Manual Integrations

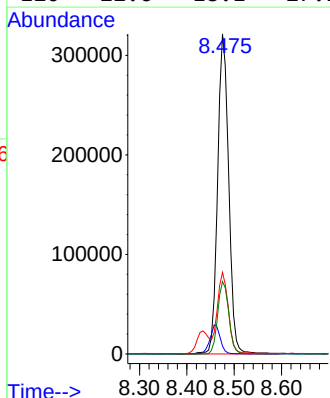
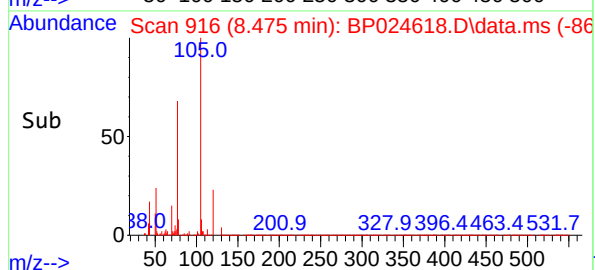
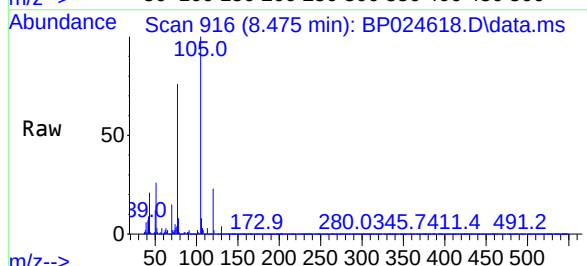
APPROVED

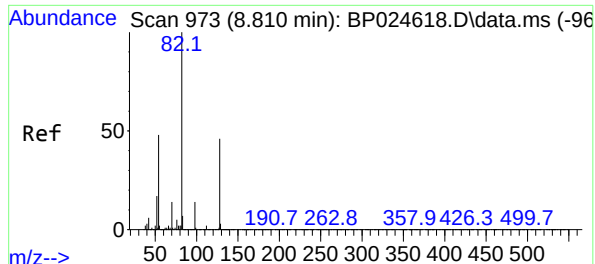
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#22
Acetophenone
Concen: 38.64 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:105 Resp: 521603
Ion Ratio Lower Upper
105 100
71 2.5 2.0 3.0
51 25.5 20.4 30.6
120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 77.28 ng

RT: 8.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 82656

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.4

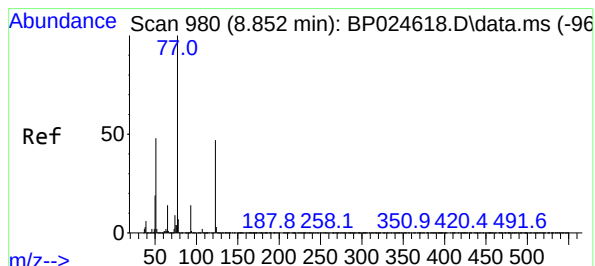
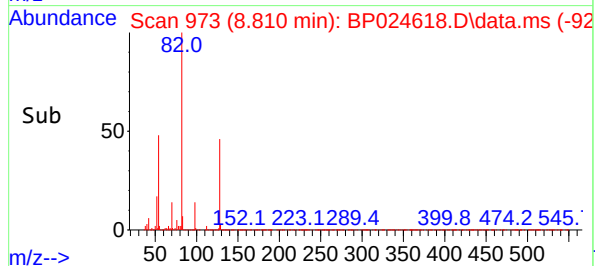
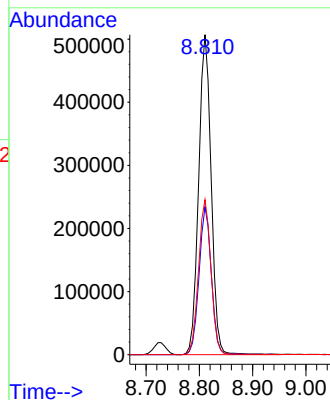
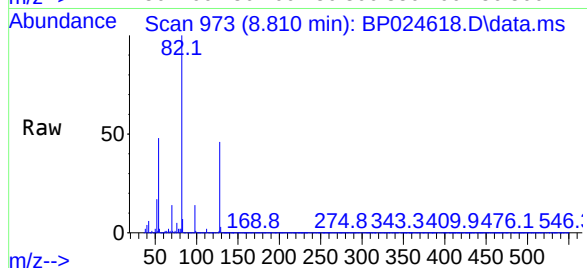
54 48.4 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#24

Nitrobenzene

Concen: 38.65 ng

RT: 8.852 min Scan# 980

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

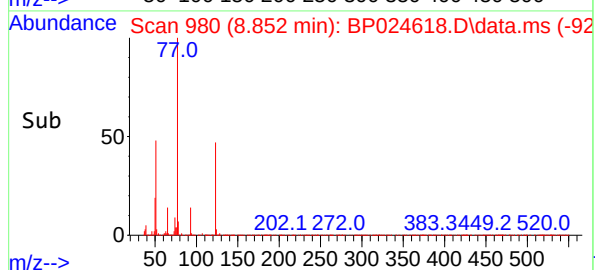
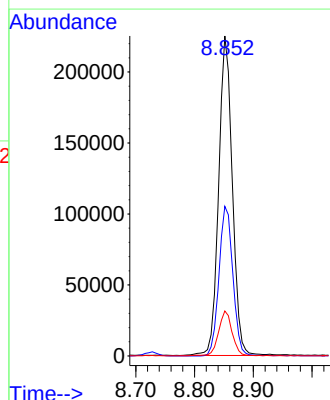
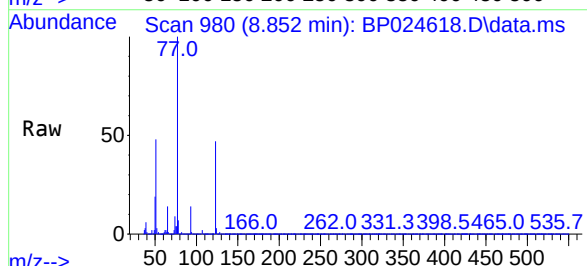
Tgt Ion: 77 Resp: 363767

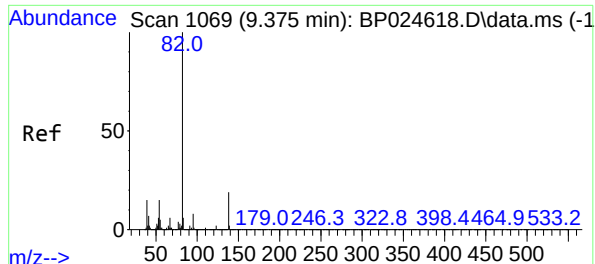
Ion Ratio Lower Upper

77 100

123 46.7 37.4 56.0

65 14.1 11.3 16.9





#25

Isophorone

Concen: 39.19 ng

RT: 9.375 min Scan# 1069

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 72708

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

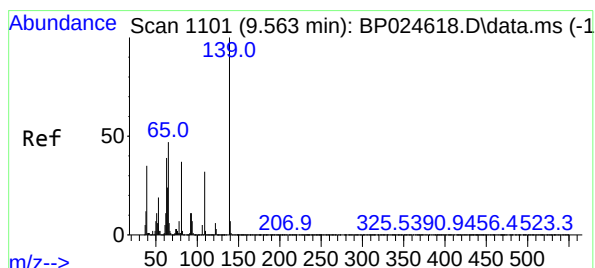
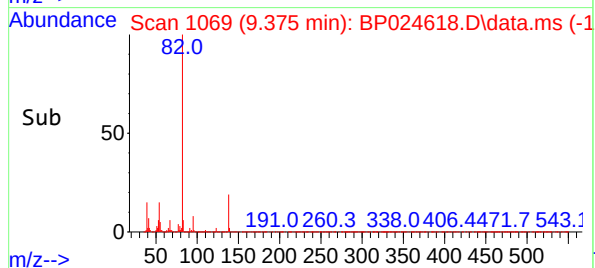
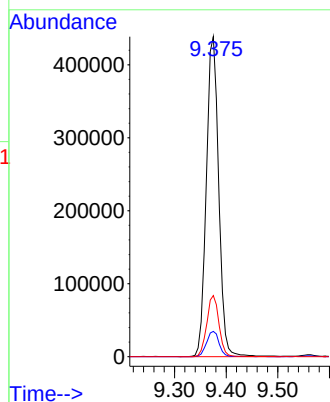
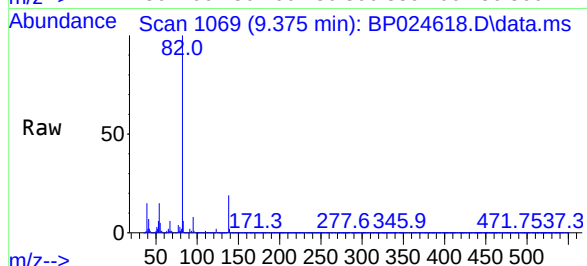
138 19.1 15.3 22.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#26

2-Nitrophenol

Concen: 40.24 ng

RT: 9.563 min Scan# 1101

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

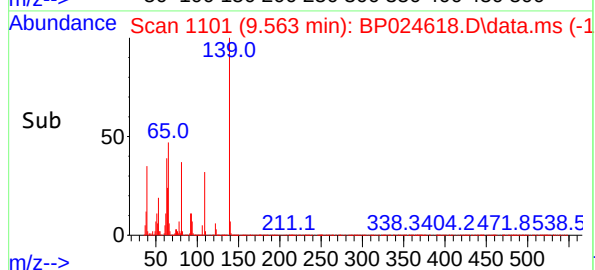
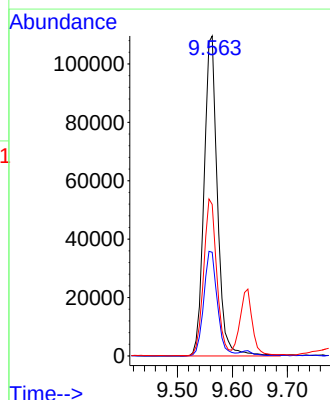
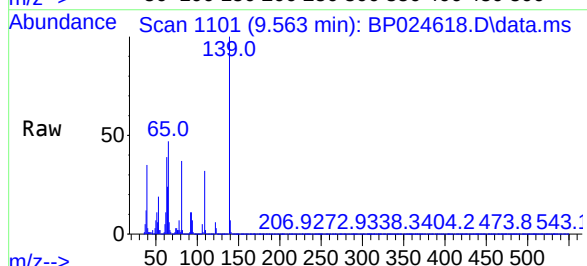
Tgt Ion:139 Resp: 185587

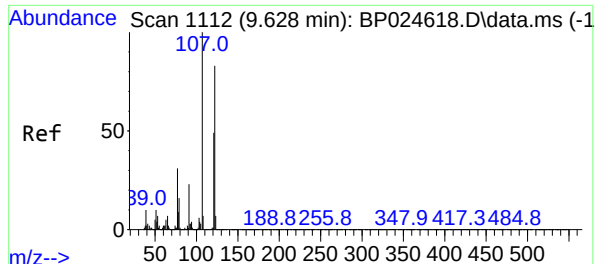
Ion Ratio Lower Upper

139 100

109 32.4 25.9 38.9

65 47.4 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 39.62 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

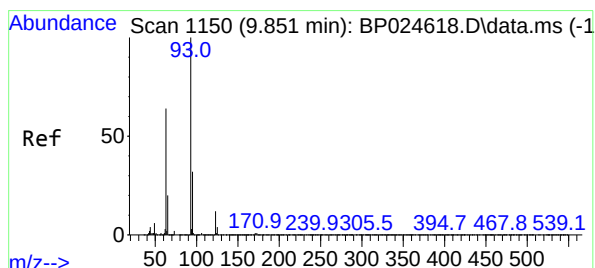
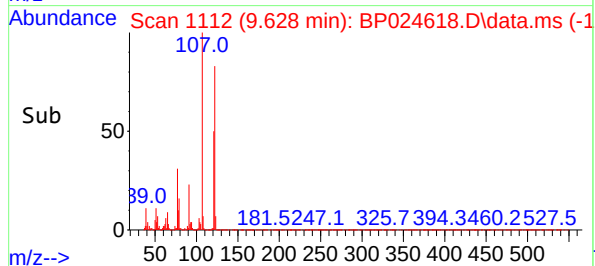
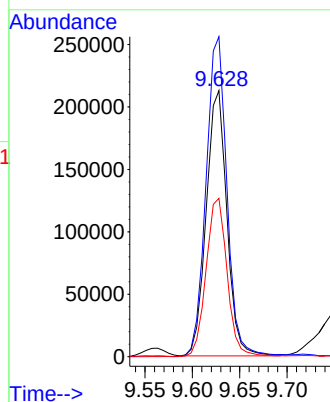
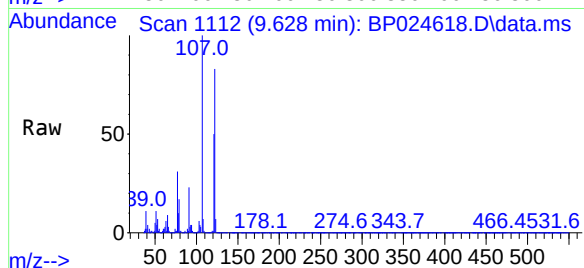
Tgt Ion:	122	Resp:	32222
Ion	Ratio	Lower	Upper
122	100		
107	120.2	96.2	144.2
121	59.5	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.88 ng

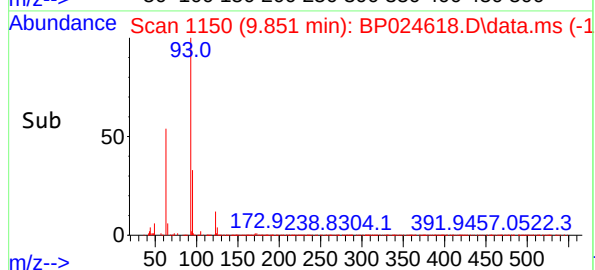
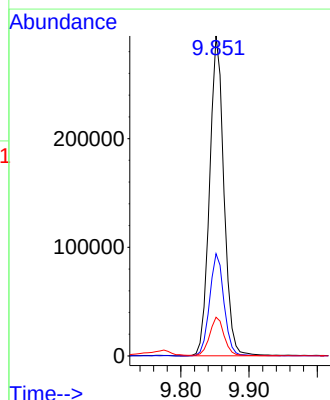
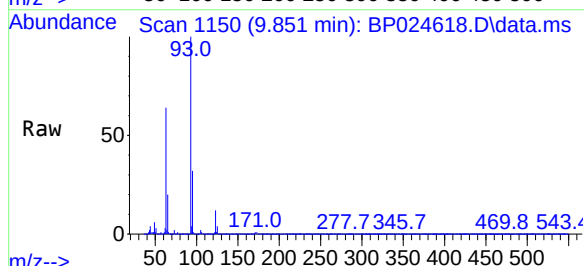
RT: 9.851 min Scan# 1150

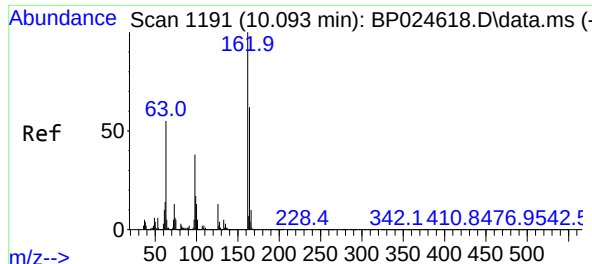
Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Tgt Ion:	93	Resp:	430958
Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.1	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 39.95 ng

RT: 10.093 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 314830

Ion Ratio Lower Upper

162 100

164 62.3 42.3 82.3

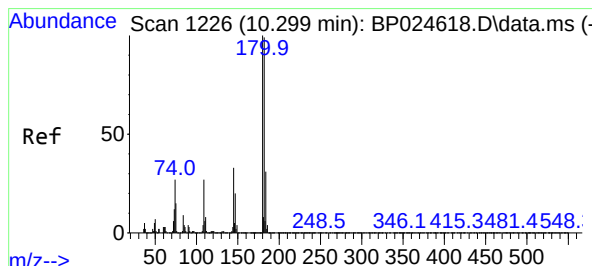
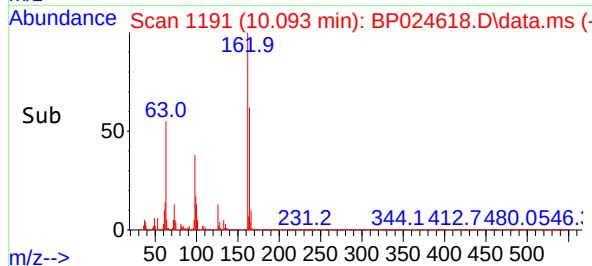
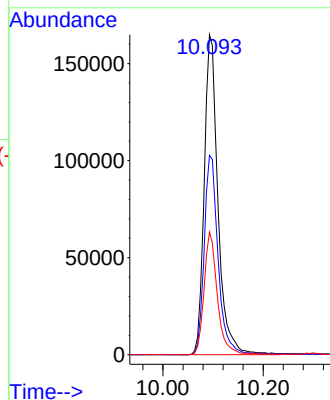
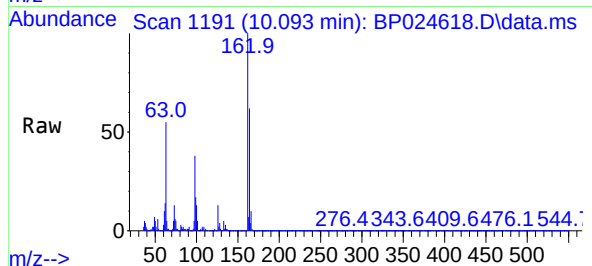
98 38.4 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.23 ng

RT: 10.299 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

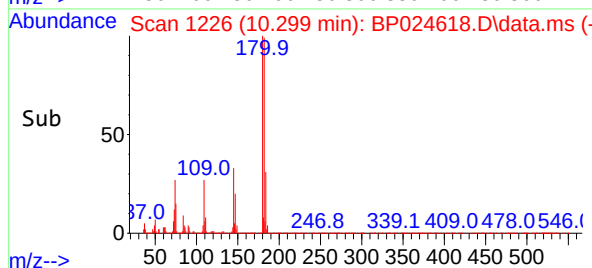
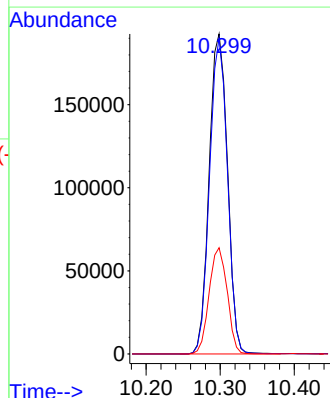
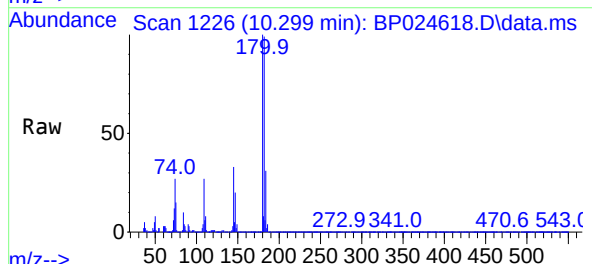
Tgt Ion:180 Resp: 330659

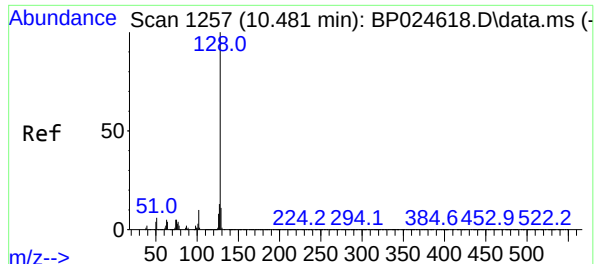
Ion Ratio Lower Upper

180 100

182 98.7 79.0 118.4

145 33.2 26.6 39.8





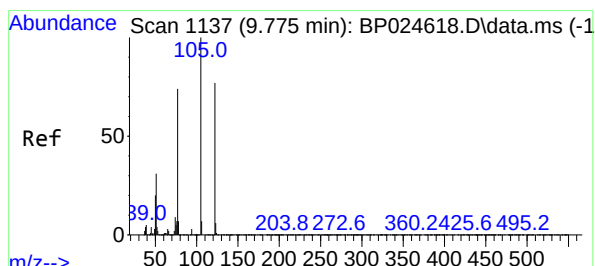
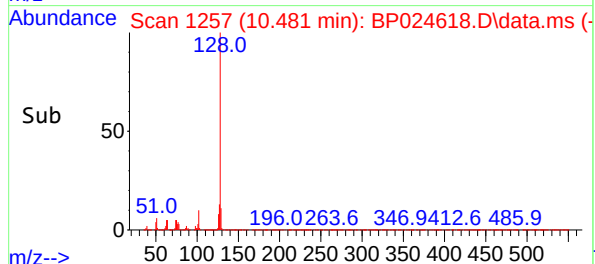
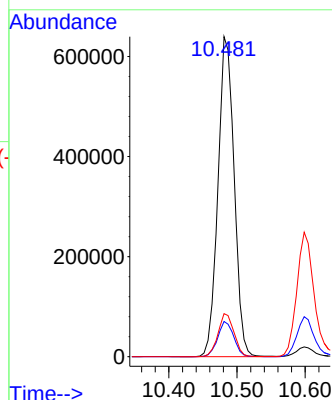
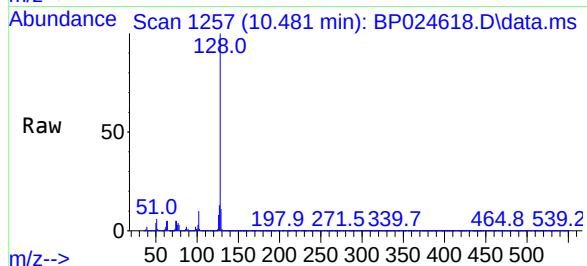
#31
Naphthalene
Concen: 37.82 ng
RT: 10.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1059310
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.7 16.1

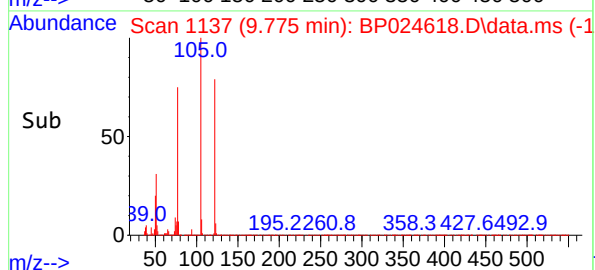
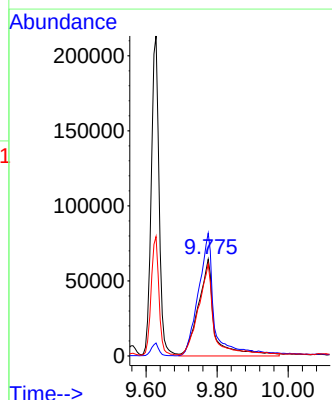
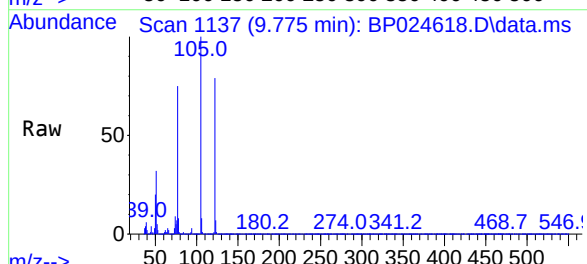
Manual Integrations
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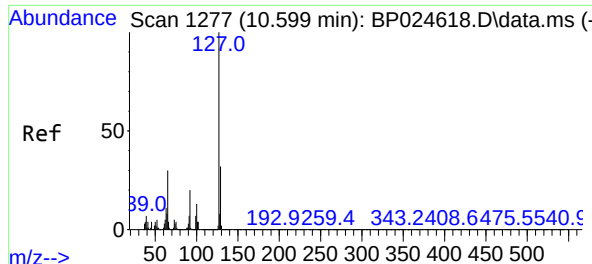
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#32
Benzoic acid
Concen: 38.01 ng m
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

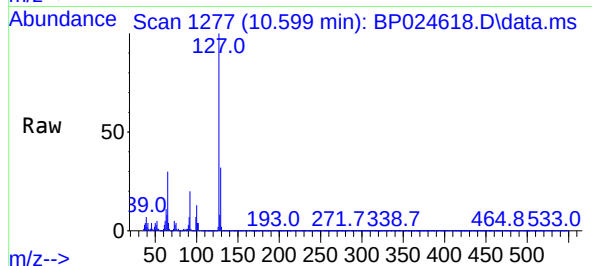
Tgt Ion:122 Resp: 206829
Ion Ratio Lower Upper
122 100
105 126.9 106.9 146.9
77 95.1 75.1 115.1





#33
4-Chloroaniline
Concen: 40.01 ng
RT: 10.599 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

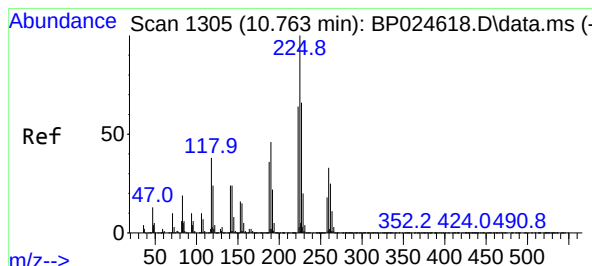
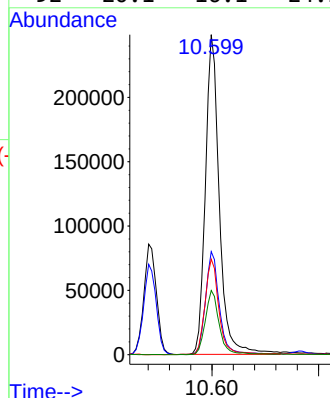
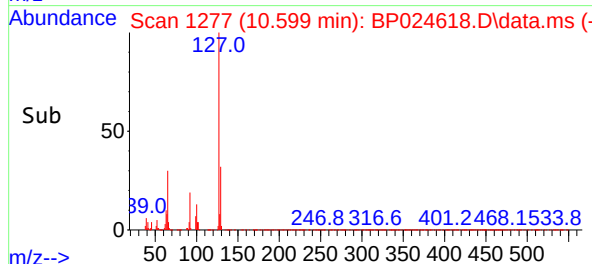
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 452150
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.6
65 29.9 23.9 35.9
92 20.1 16.1 24.1

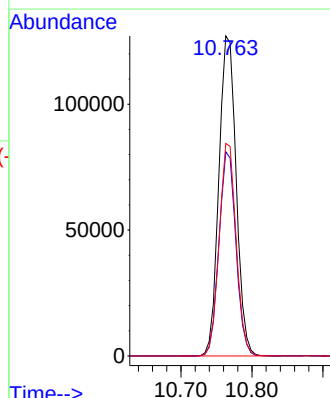
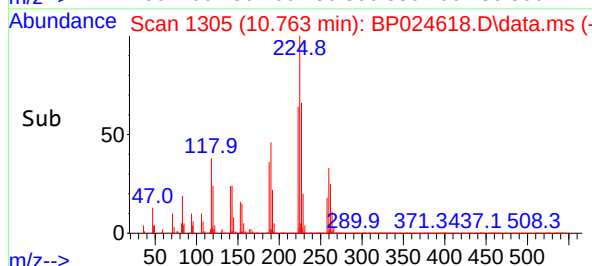
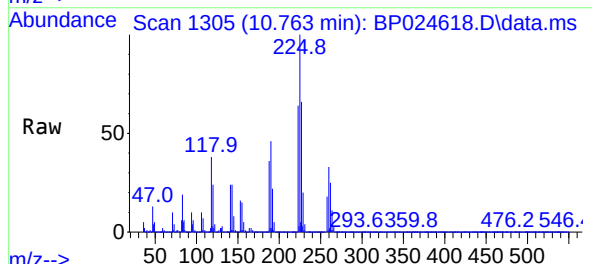
Manual Integrations
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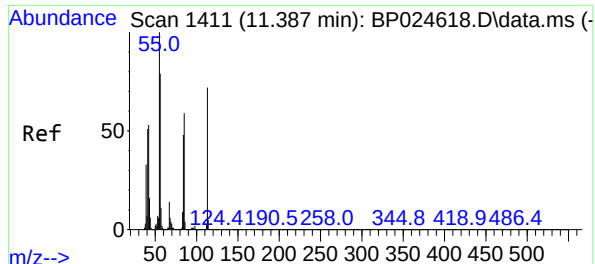
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#34
Hexachlorobutadiene
Concen: 37.19 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

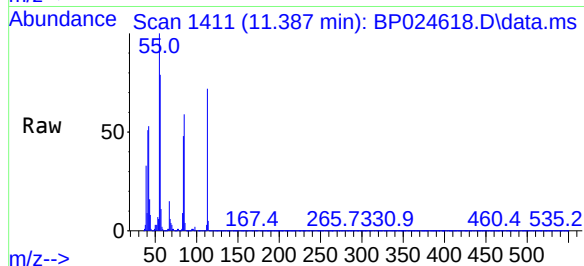
Tgt Ion:225 Resp: 213978
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 66.4 53.1 79.7





#35
Caprolactam
Concen: 41.43 ng
RT: 11.387 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

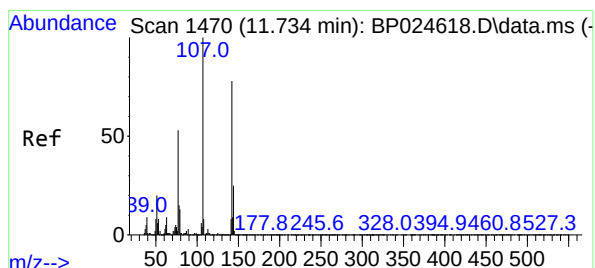
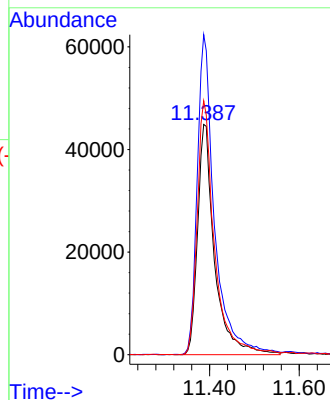
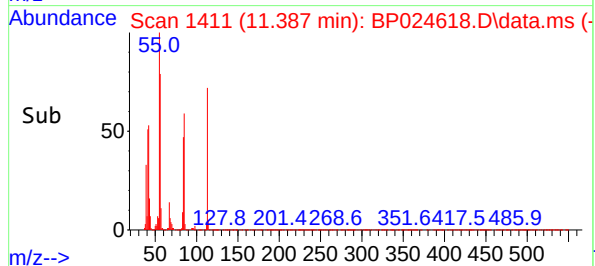
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 11804
Ion Ratio Lower Upper
113 100
55 139.0 119.0 159.0
56 110.3 90.3 130.3

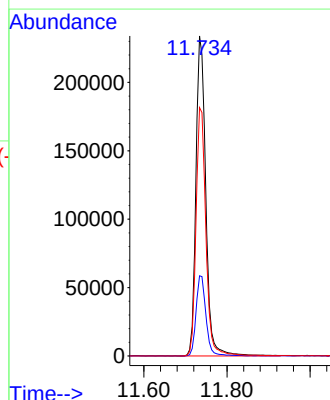
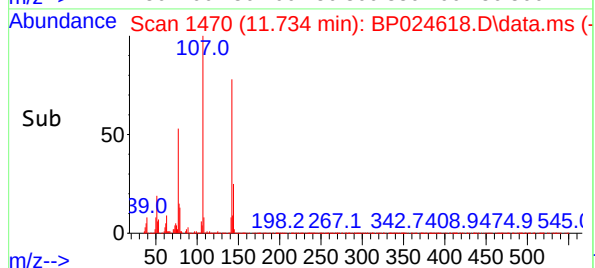
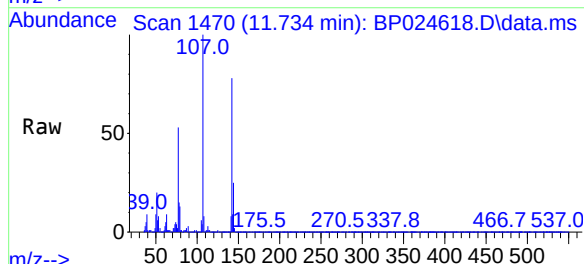
Manual Integrations
APPROVED

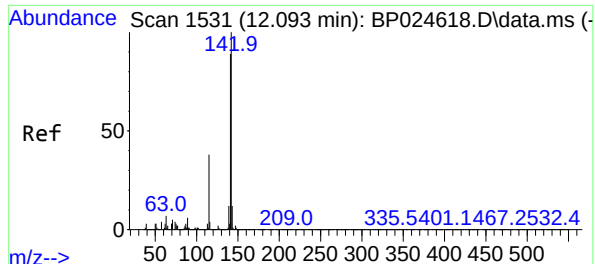
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#36
4-Chloro-3-methylphenol
Concen: 40.07 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 385077
Ion Ratio Lower Upper
107 100
144 25.1 20.1 30.1
142 77.6 62.1 93.1





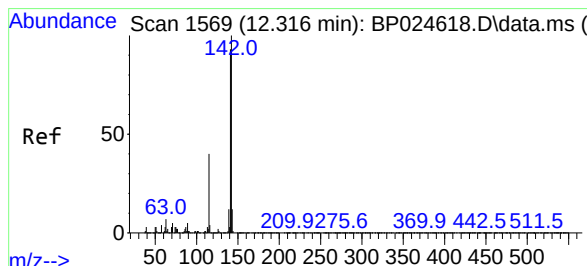
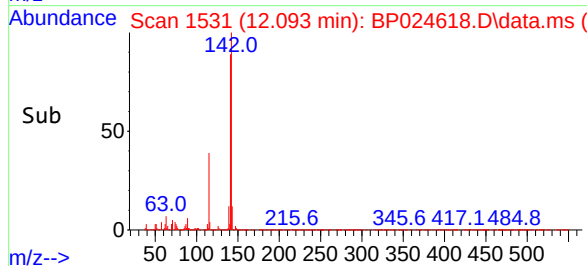
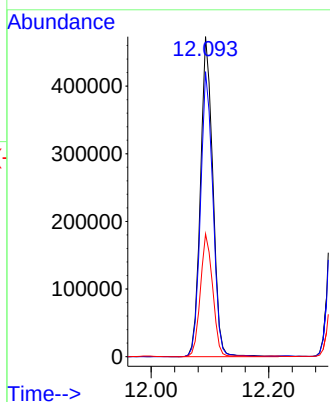
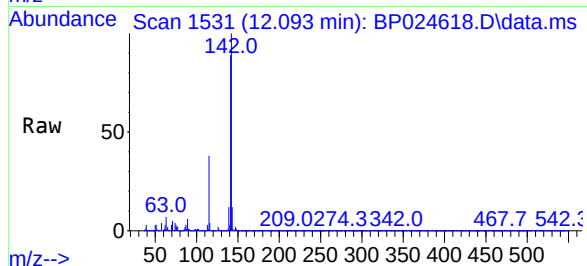
#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 692133
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 38.3 30.6 46.0

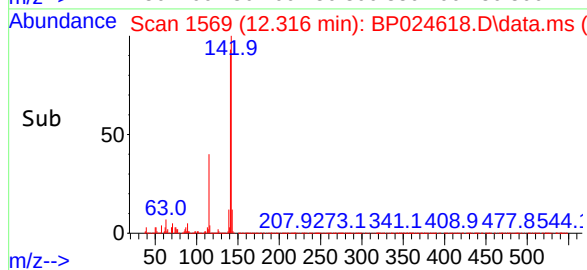
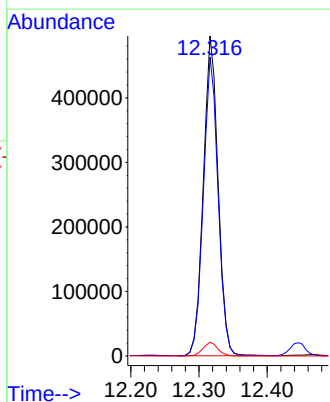
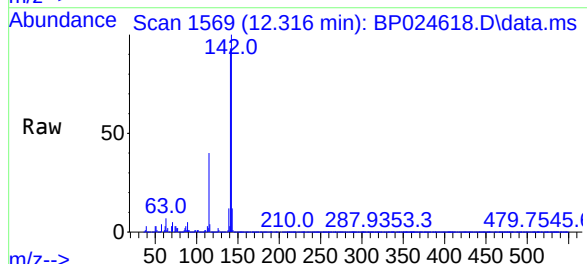
Manual Integrations
APPROVED

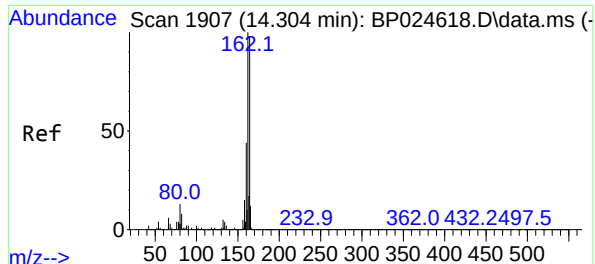
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#38
1-Methylnaphthalene
Concen: 38.44 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:142 Resp: 745849
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1
116 4.3 3.4 5.2





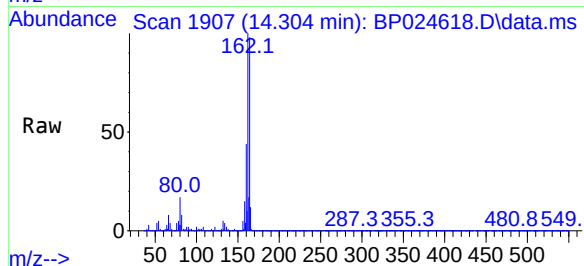
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

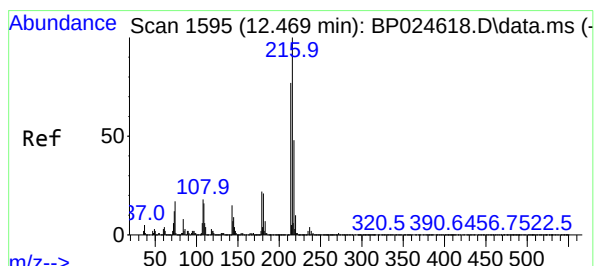
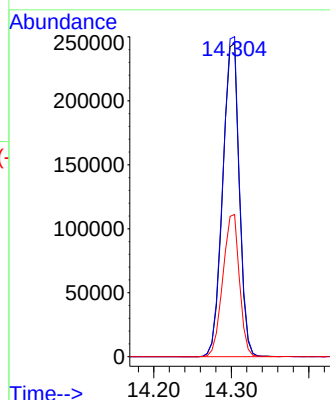
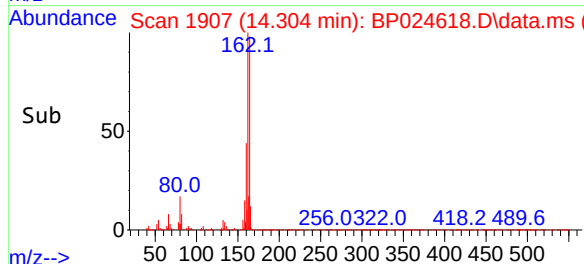


Tgt Ion:164 Resp: 362458
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 45.4 36.3 54.5

Manual Integrations

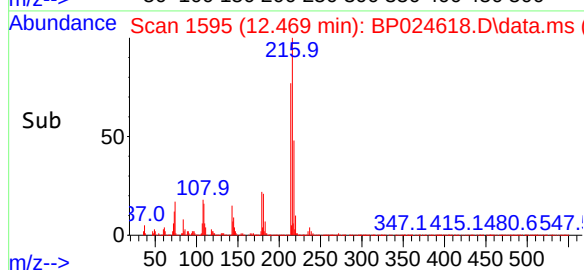
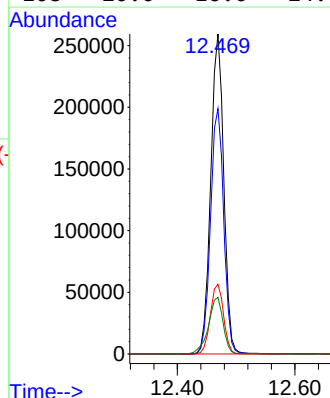
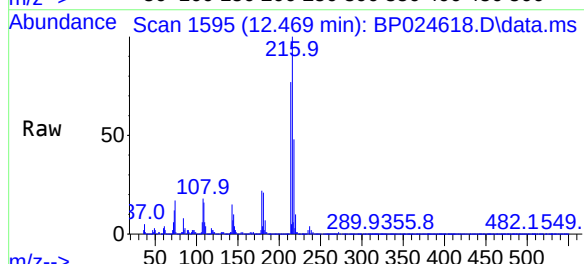
APPROVED

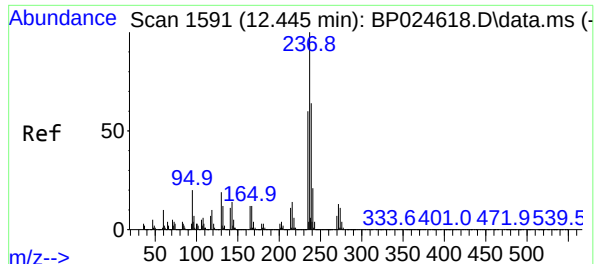
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.84 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

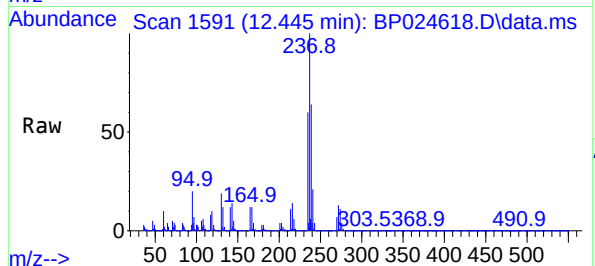
Tgt Ion:216 Resp: 398230
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 22.1 17.7 26.5
108 20.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 40.48 ng
RT: 12.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

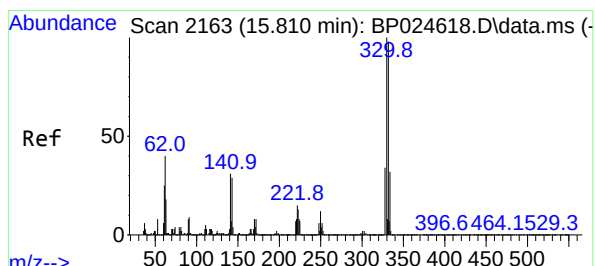
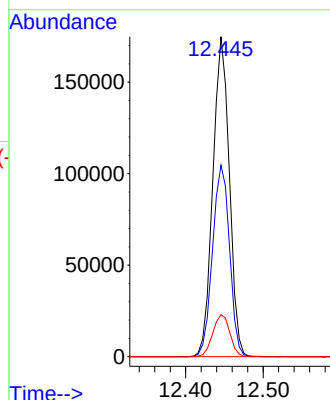
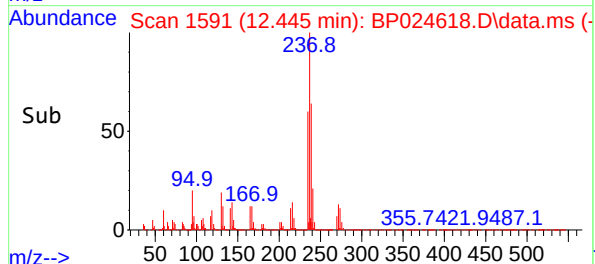
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 237 Resp: 258329
Ion Ratio Lower Upper
237 100
235 59.9 39.9 79.9
272 13.2 0.0 33.2

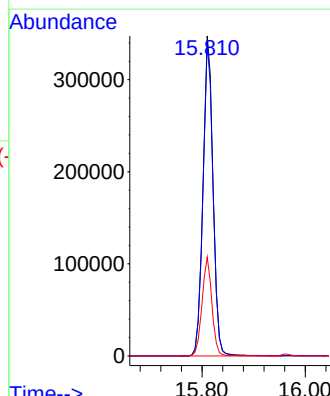
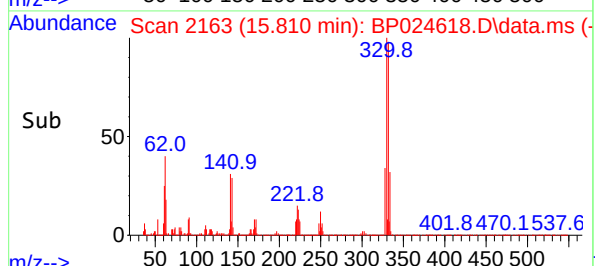
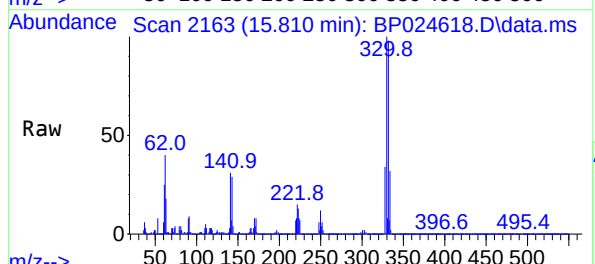
Manual Integrations
APPROVED

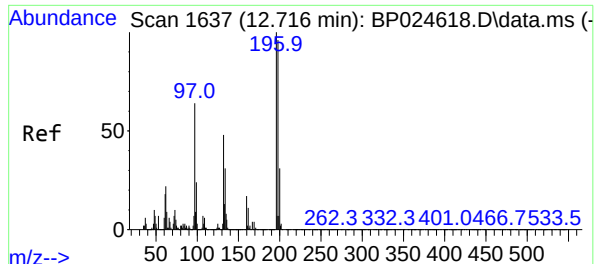
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#42
2,4,6-Tribromophenol
Concen: 76.13 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 330 Resp: 467808
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 30.4 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 39.41 ng

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

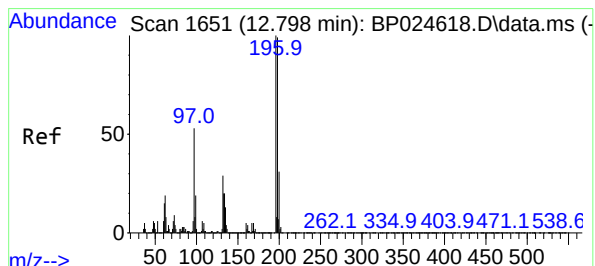
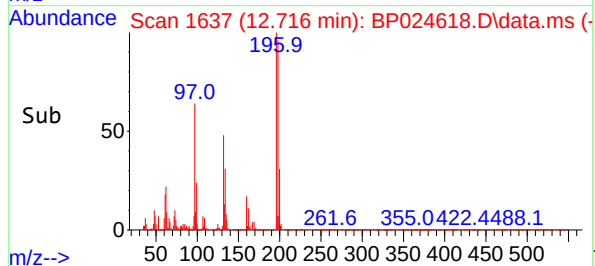
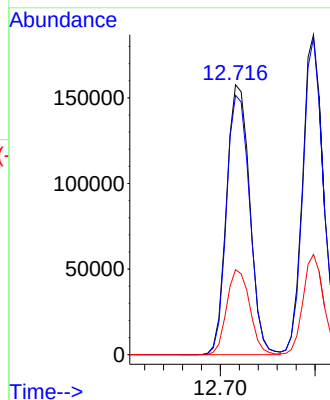
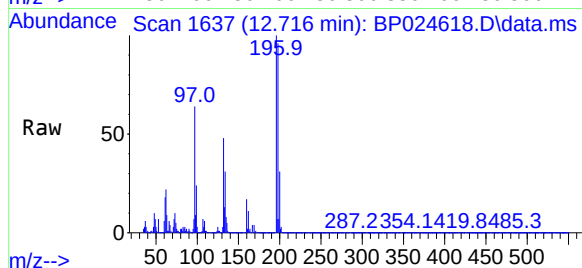
SSTDICCC040

Tgt Ion:196	Resp: 268679
Ion Ratio	Lower Upper
196	100
198	96.1 76.9 115.3
200	31.5 25.2 37.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#44

2,4,5-Trichlorophenol

Concen: 38.62 ng

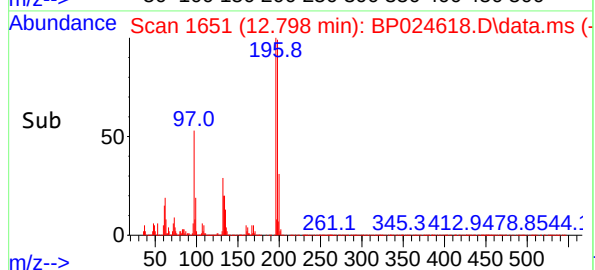
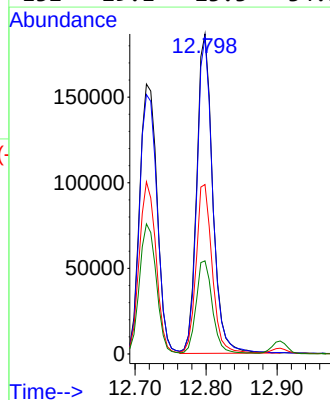
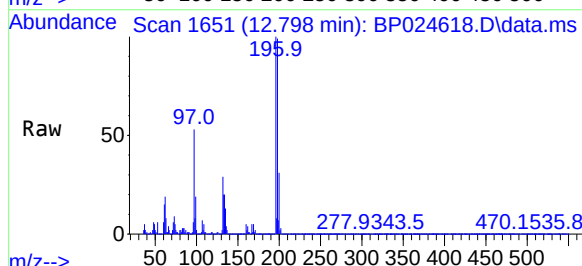
RT: 12.798 min Scan# 1651

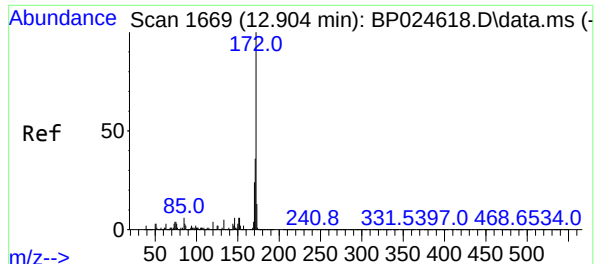
Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

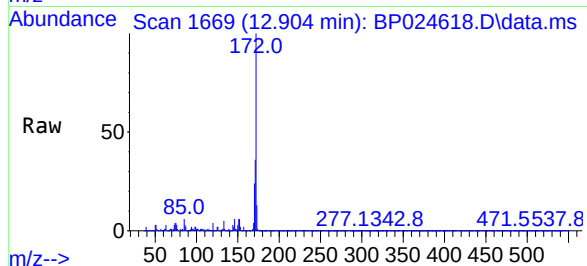
Tgt Ion:196	Resp: 293079
Ion Ratio	Lower Upper
196	100
198	99.0 79.2 118.8
97	52.9 42.3 63.5
132	29.1 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 75.05 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

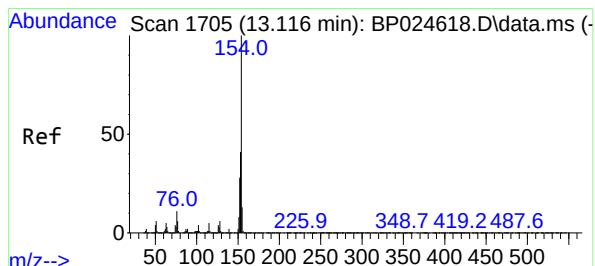
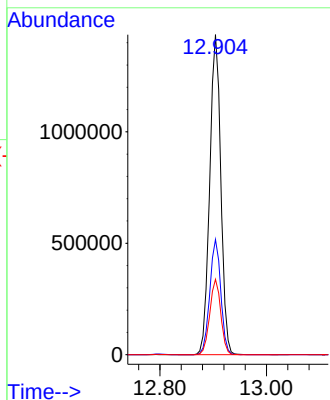
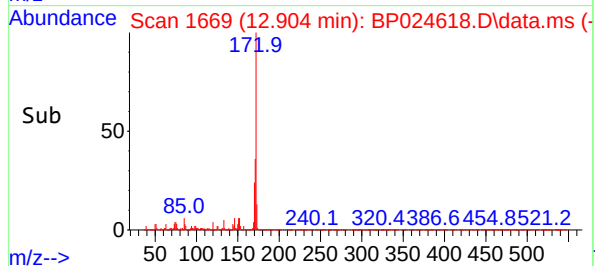
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 2076354
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.5 18.8 28.2

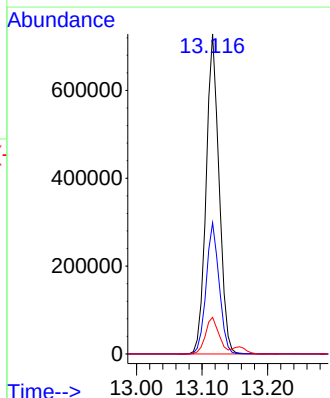
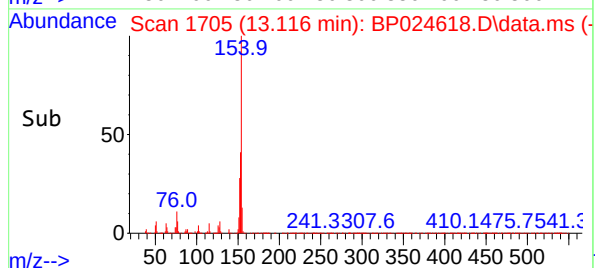
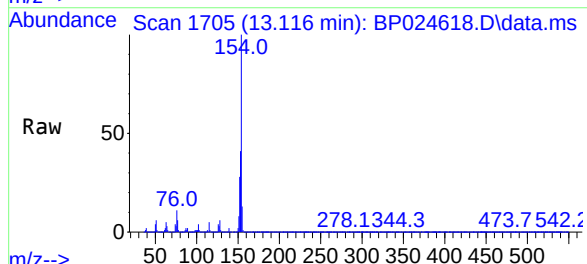
Manual Integrations
APPROVED

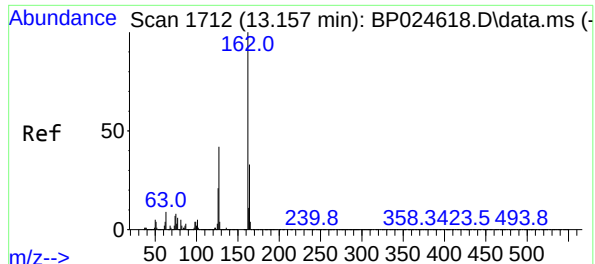
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 37.42 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:154 Resp: 1002344
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 11.5 0.0 31.5





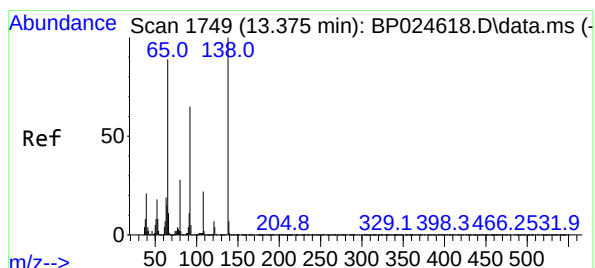
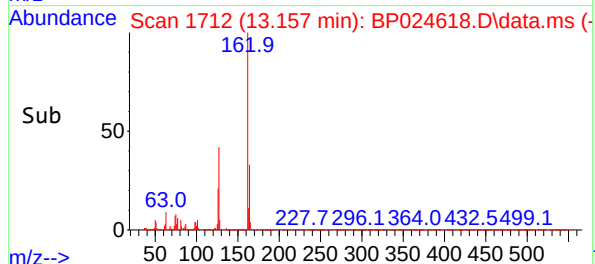
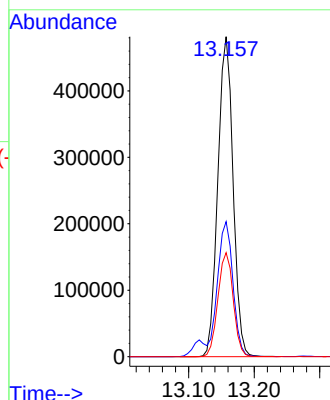
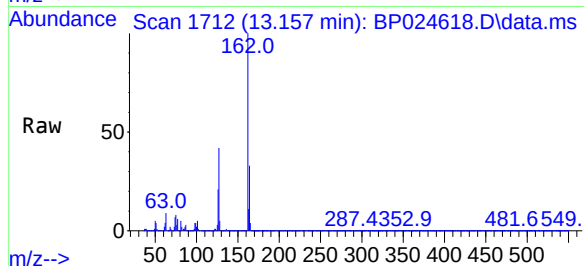
#47
2-Chloronaphthalene
Concen: 37.79 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 771952
Ion Ratio Lower Upper
162 100
127 42.2 33.8 50.6
164 32.5 26.0 39.0

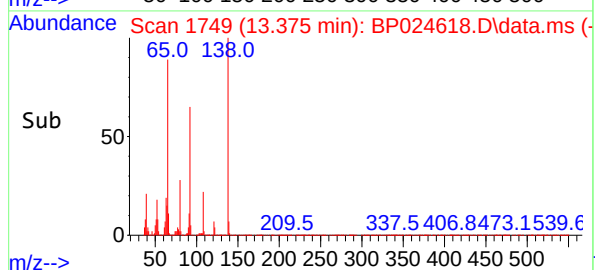
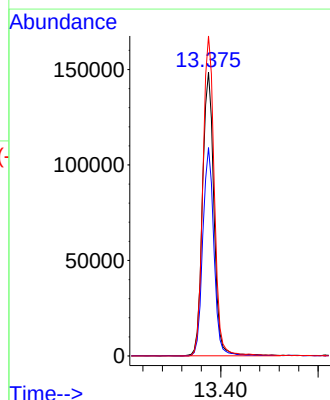
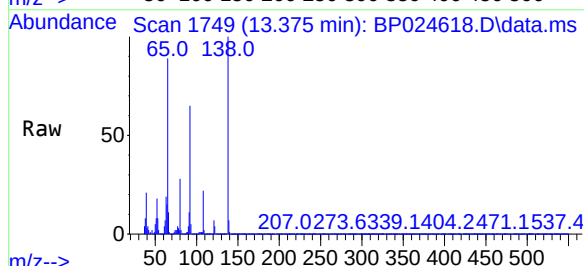
Manual Integrations
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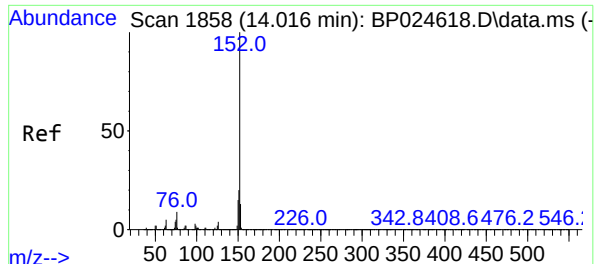
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#48
2-Nitroaniline
Concen: 40.10 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

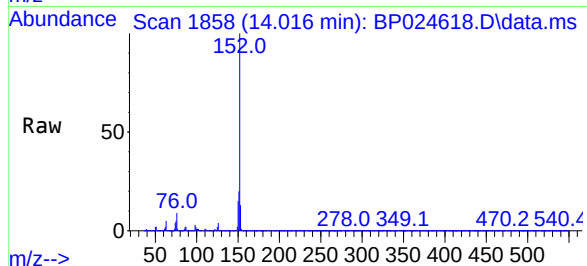
Tgt Ion: 65 Resp: 242485
Ion Ratio Lower Upper
65 100
92 73.4 58.7 88.1
138 112.7 90.2 135.2





#49
Acenaphthylene
Concen: 38.26 ng
RT: 14.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

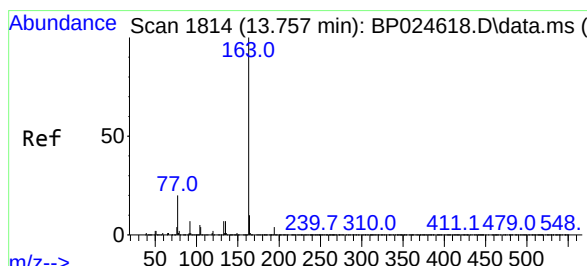
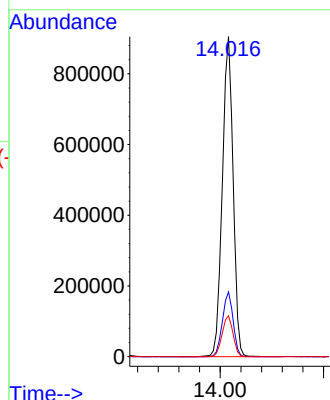
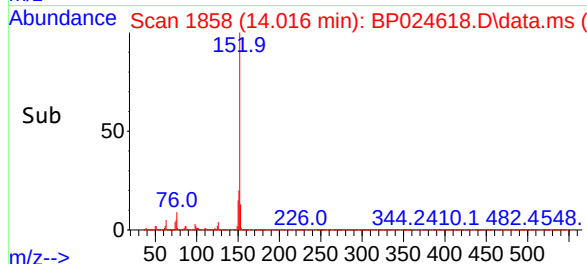
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



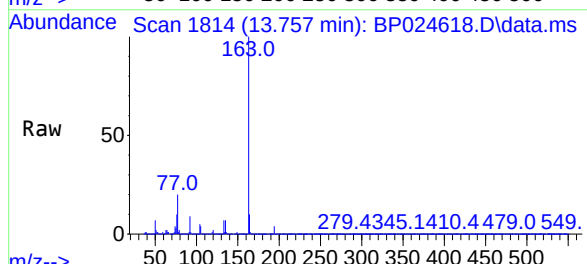
Tgt Ion:152 Resp: 1307740
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 12.8 10.2 15.4

Manual Integrations
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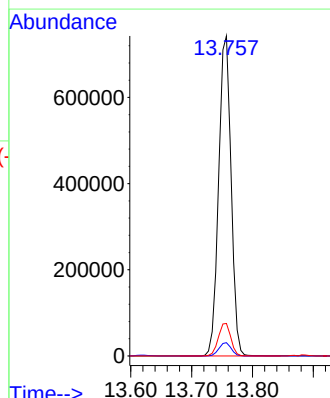
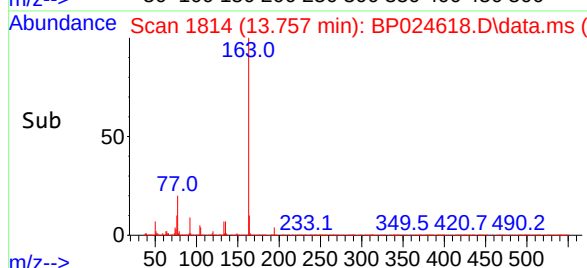
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

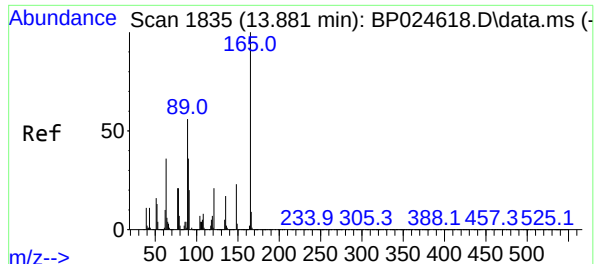


#50
Dimethylphthalate
Concen: 38.04 ng
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



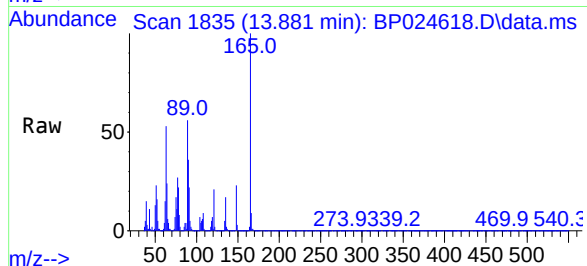
Tgt Ion:163 Resp: 1051056
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 38.75 ng
RT: 13.881 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

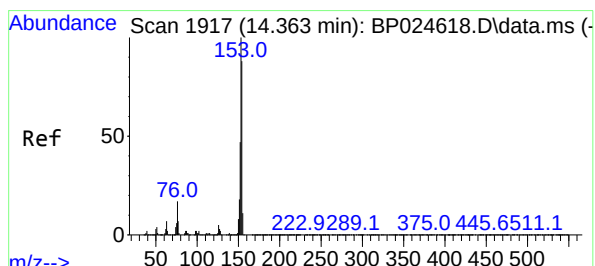
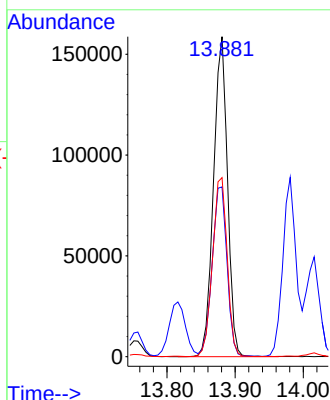
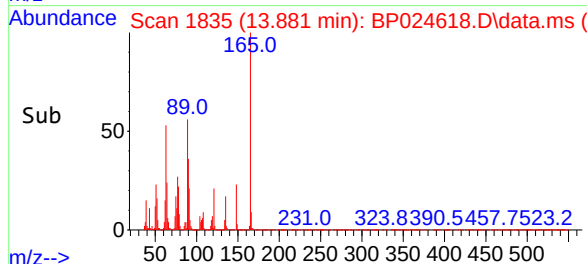
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 226080
Ion Ratio Lower Upper
165 100
63 53.0 42.4 63.6
89 56.0 44.8 67.2

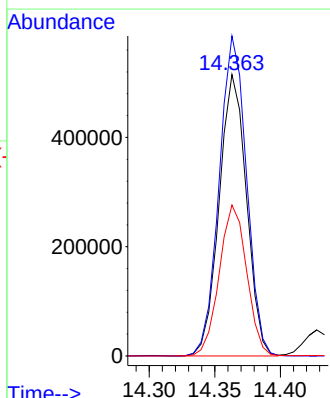
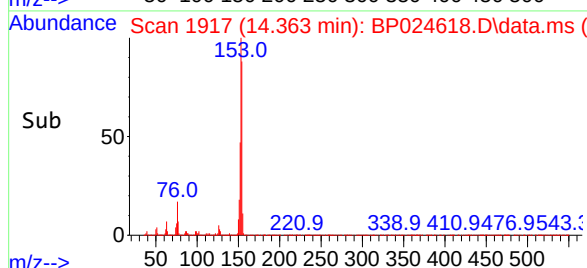
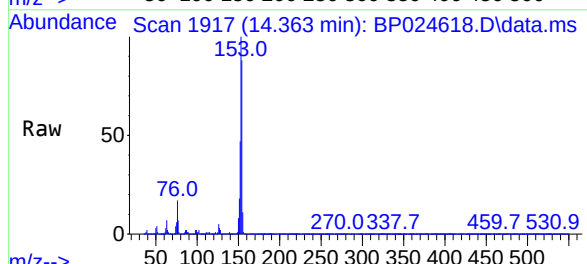
Manual Integrations
APPROVED

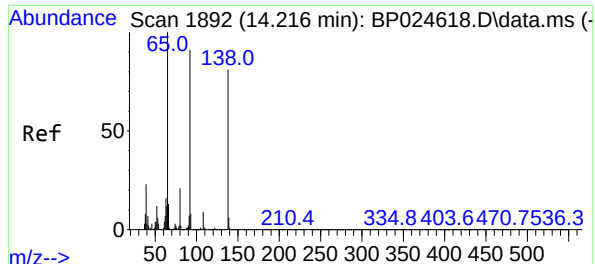
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#52
Acenaphthene
Concen: 37.93 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

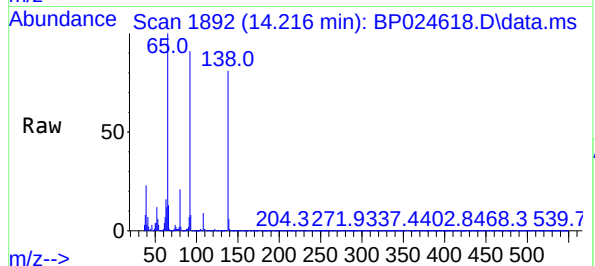
Tgt Ion:154 Resp: 745335
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 53.6 42.9 64.3





#53
3-Nitroaniline
Concen: 41.39 ng
RT: 14.216 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

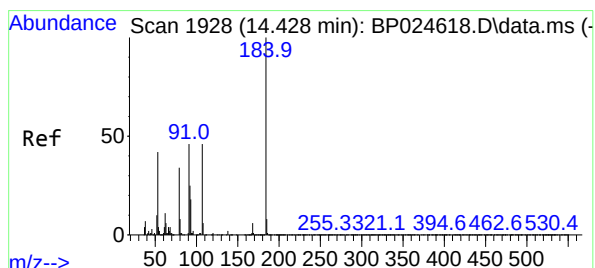
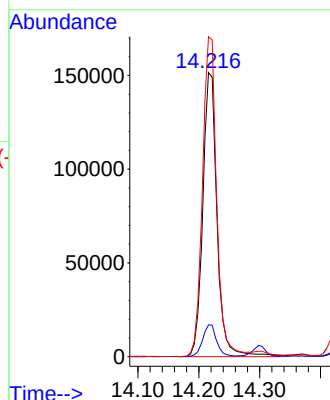
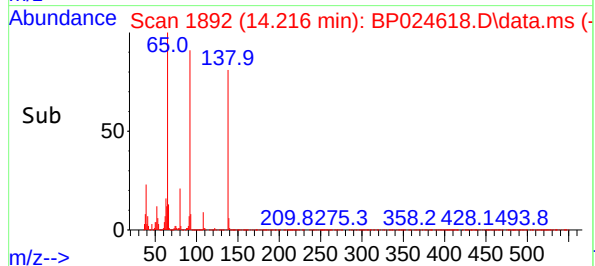
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 24656
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 112.6 90.1 135.1

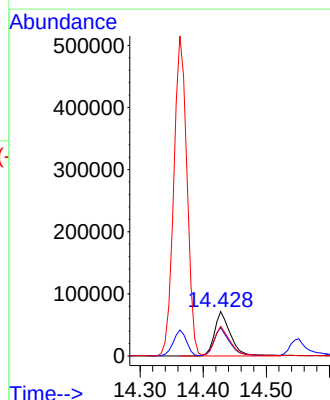
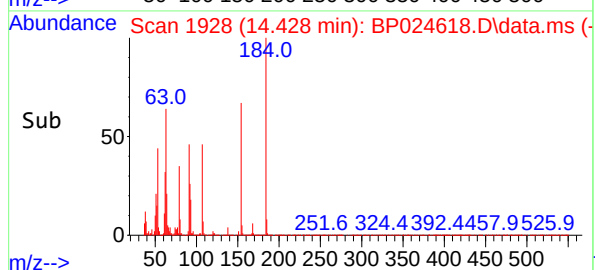
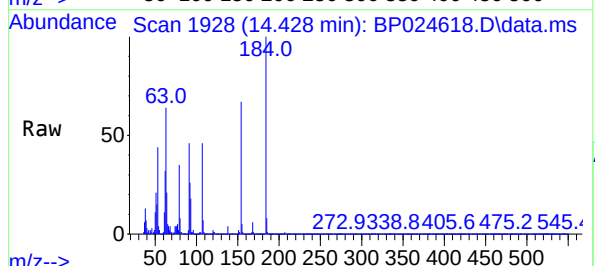
Manual Integrations
APPROVED

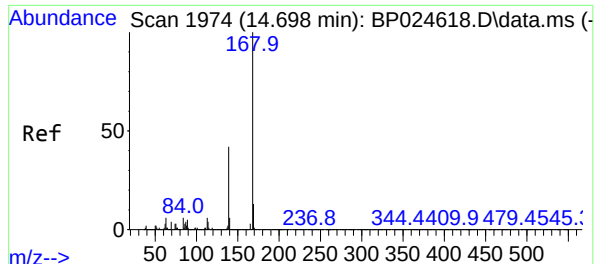
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#54
2,4-Dinitrophenol
Concen: 37.54 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

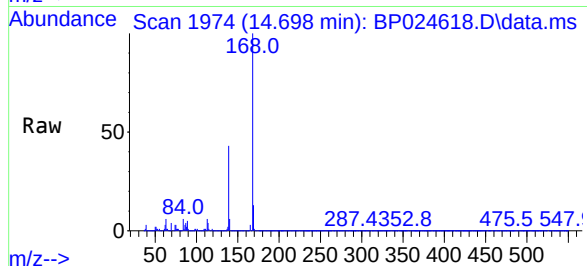
Tgt Ion:184 Resp: 124517
Ion Ratio Lower Upper
184 100
63 64.1 51.3 76.9
154 66.9 53.5 80.3





#55
Dibenzofuran
Concen: 37.77 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

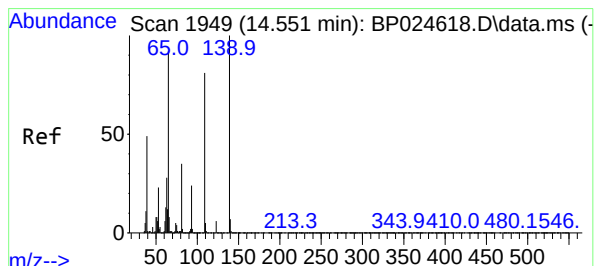
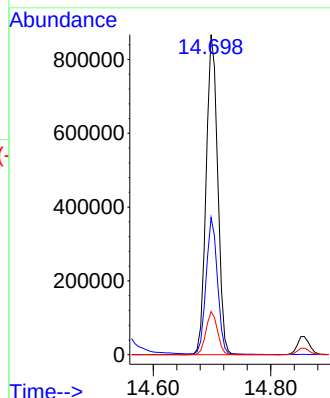
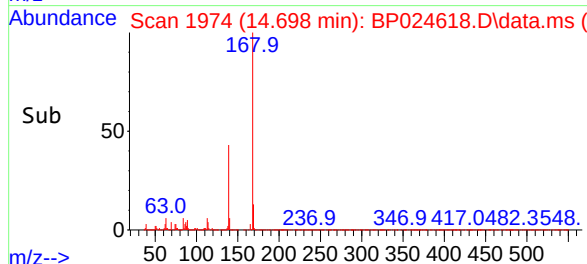
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 1183800
Ion Ratio Lower Upper
168 100
139 42.8 34.2 51.4
169 13.5 10.8 16.2

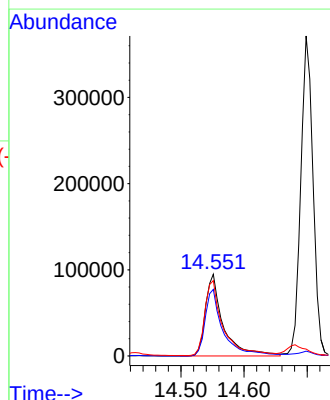
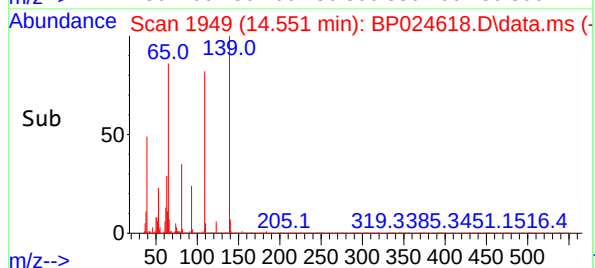
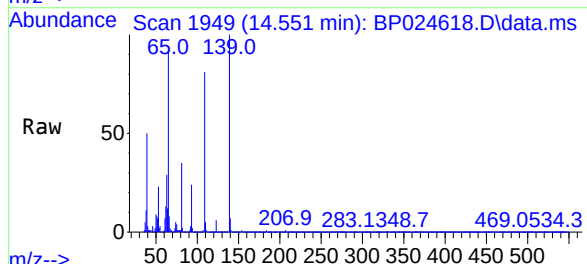
Manual Integrations
APPROVED

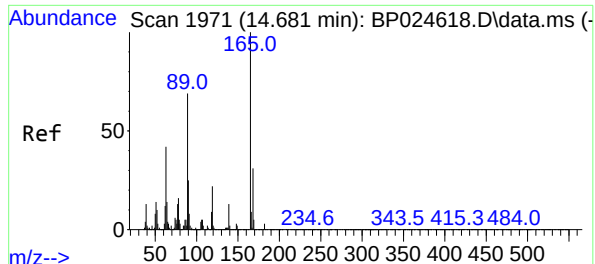
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#56
4-Nitrophenol
Concen: 38.41 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

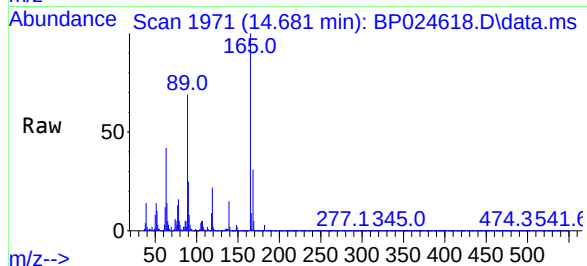
Tgt Ion:139 Resp: 186112
Ion Ratio Lower Upper
139 100
109 81.4 61.4 101.4
65 92.2 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 40.02 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

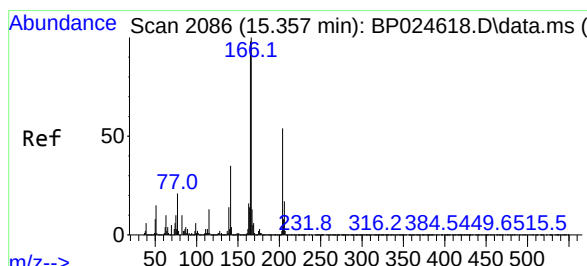
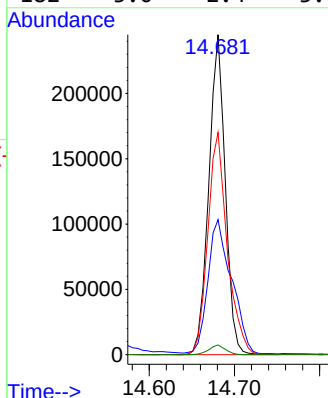
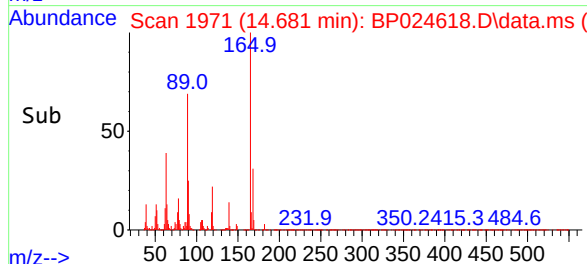
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



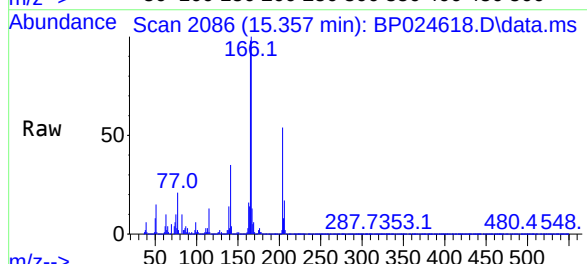
Tgt Ion:165 Resp: 329150
Ion Ratio Lower Upper
165 100
63 42.2 33.8 50.6
89 69.5 55.6 83.4
182 3.0 2.4 3.6

Manual Integrations
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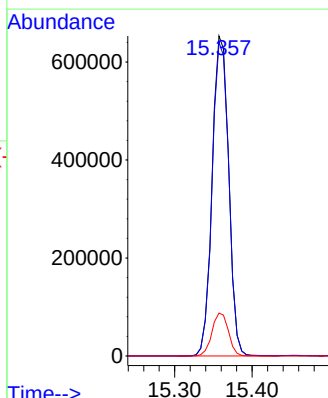
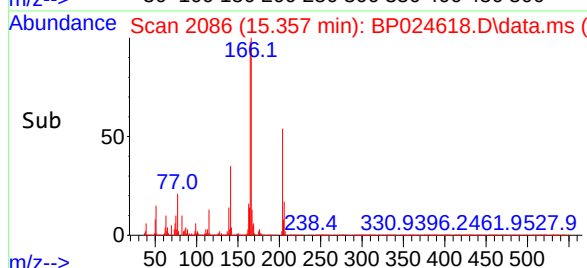
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

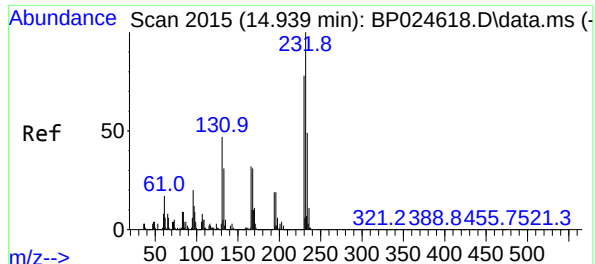


#58
Fluorene
Concen: 37.89 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



Tgt Ion:166 Resp: 968487
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.98 ng

RT: 14.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 274384

Ion Ratio Lower Upper

232 100

131 49.4 39.5 59.3

130 2.8 2.2 3.4

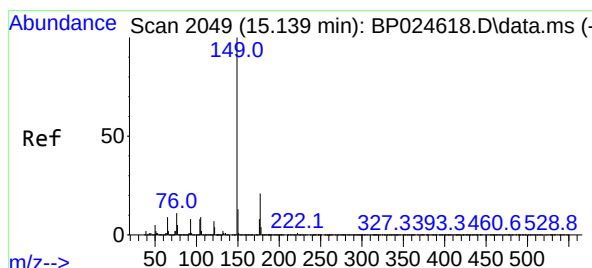
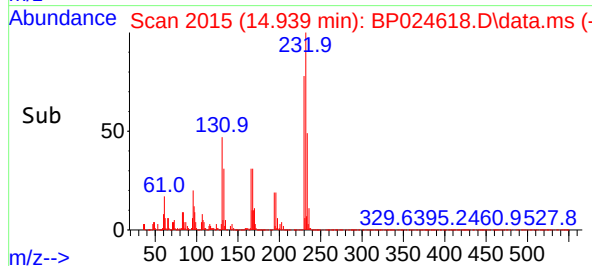
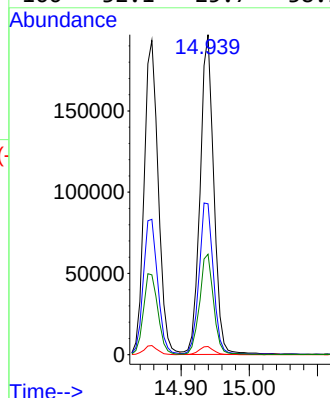
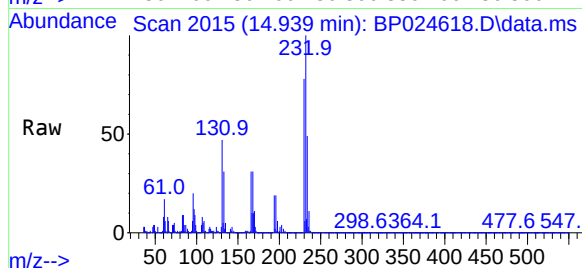
166 32.1 25.7 38.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#60

Diethylphthalate

Concen: 37.48 ng

RT: 15.139 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

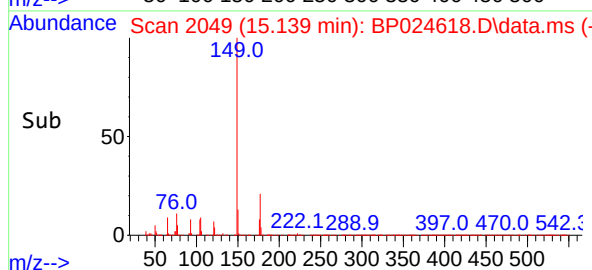
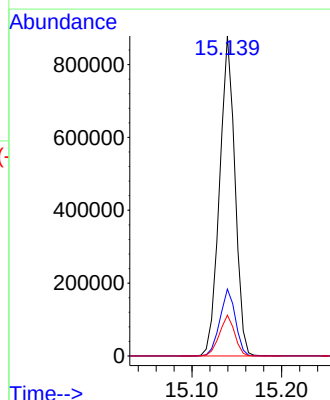
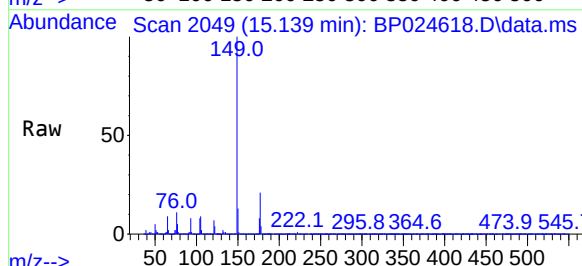
Tgt Ion:149 Resp: 1046478

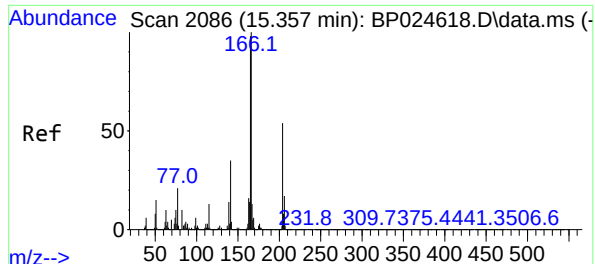
Ion Ratio Lower Upper

149 100

177 20.9 16.7 25.1

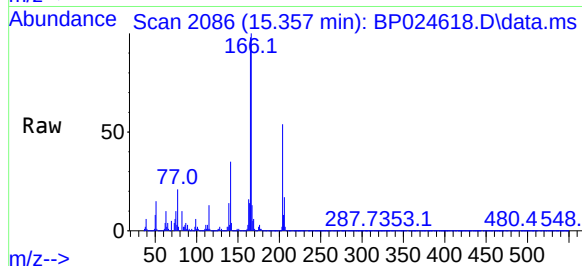
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

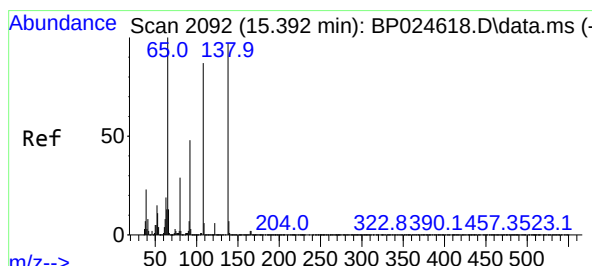
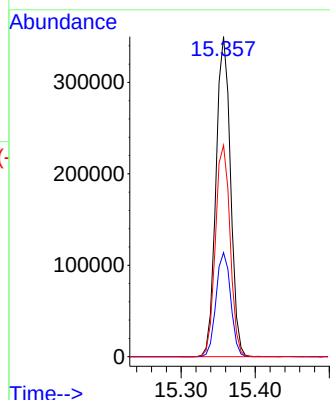
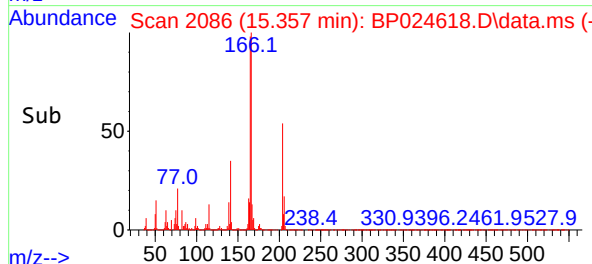
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



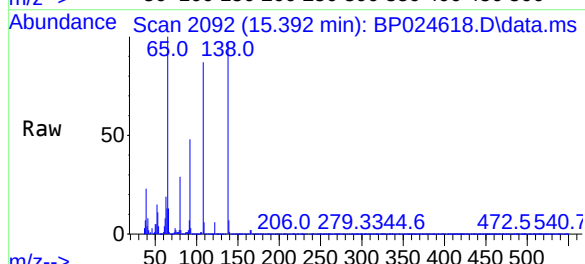
Tgt Ion:204 Resp: 47532
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 66.1 52.9 79.3

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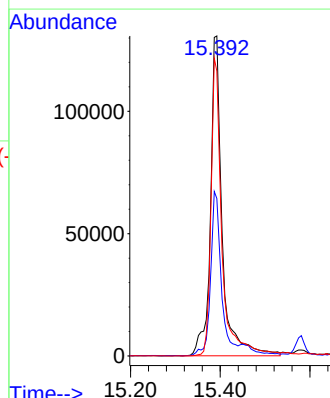
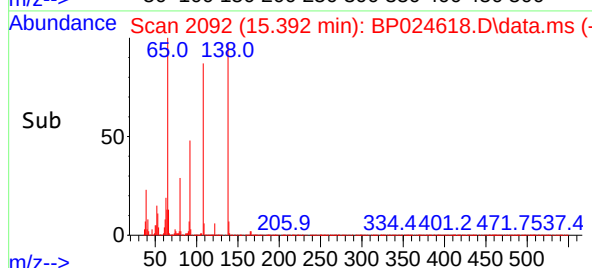
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

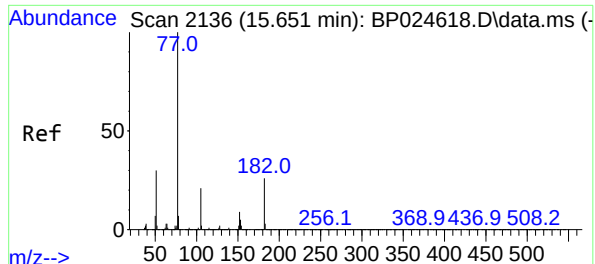


#62
4-Nitroaniline
Concen: 41.24 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



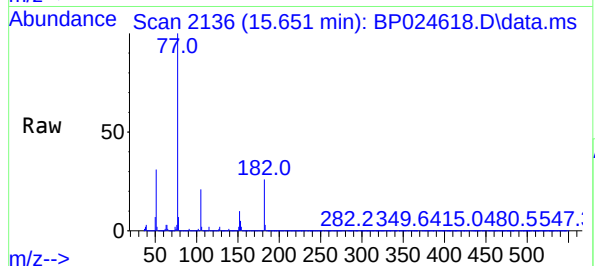
Tgt Ion:138 Resp: 239212
Ion Ratio Lower Upper
138 100
92 49.2 29.2 69.2
108 89.0 69.0 109.0





#63
Azobenzene
Concen: 37.94 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

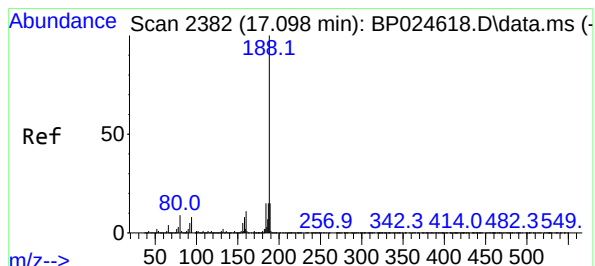
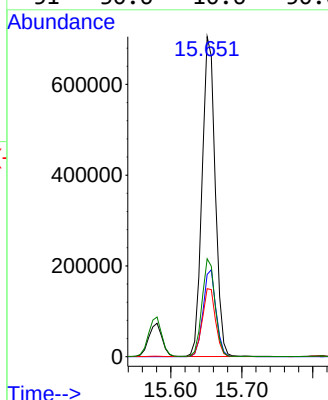
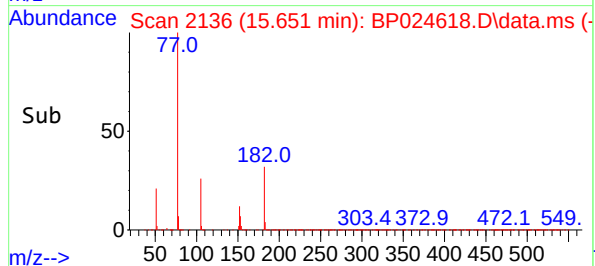
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 906274
Ion Ratio Lower Upper
77 100
182 25.7 5.7 45.7
105 21.3 1.3 41.3
51 30.6 10.6 50.6

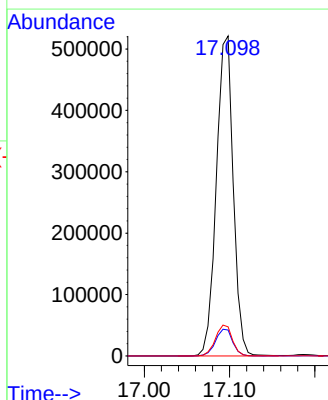
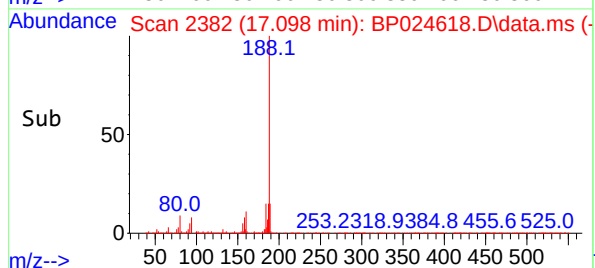
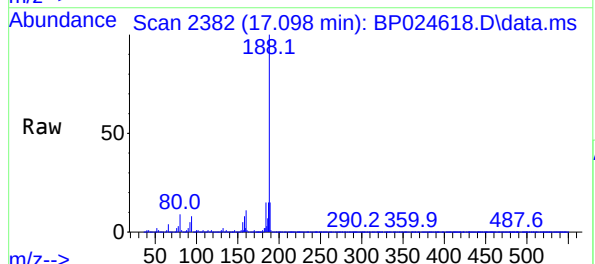
Manual Integrations
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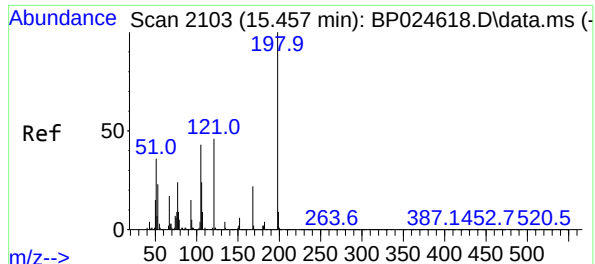
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:188 Resp: 717362
Ion Ratio Lower Upper
188 100
94 8.1 6.5 9.7
80 9.1 7.3 10.9





#65

4,6-Dinitro-2-methylphenol

Concen: 39.84 ng

RT: 15.457 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:198 Resp: 18459

Ion Ratio Lower Upper

198 100

51 41.1 21.1 61.1

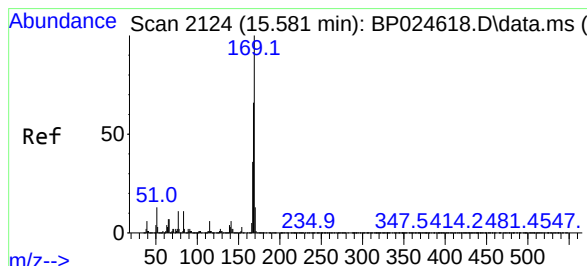
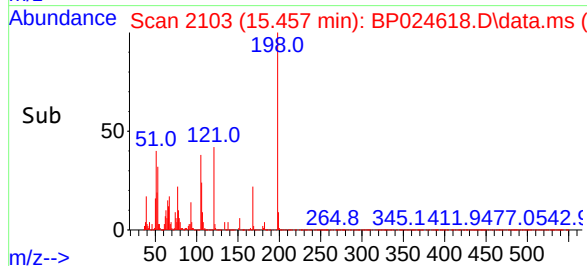
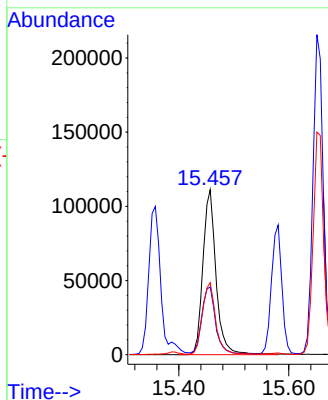
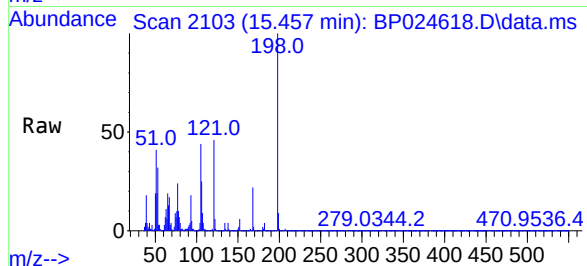
105 43.6 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#66

n-Nitrosodiphenylamine

Concen: 38.63 ng

RT: 15.581 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

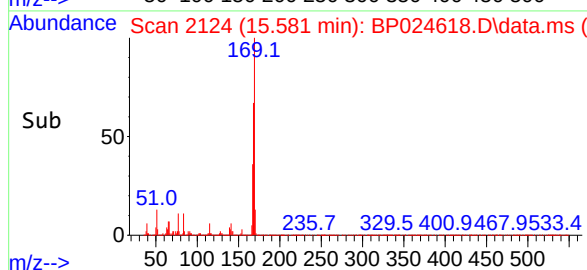
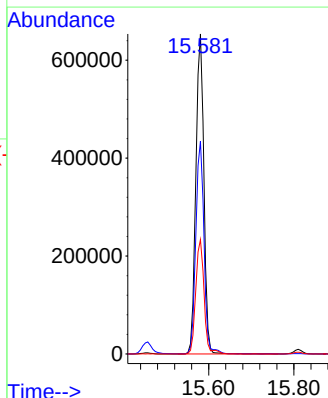
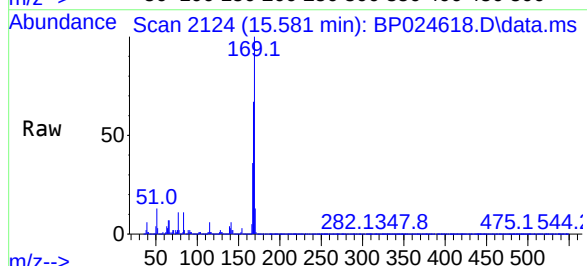
Tgt Ion:169 Resp: 851188

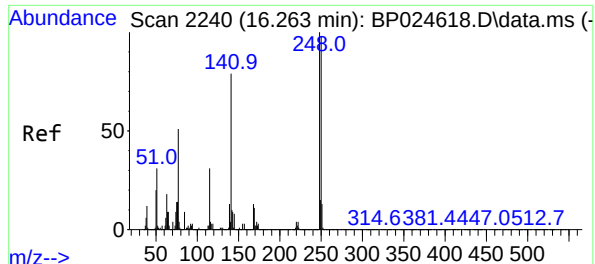
Ion Ratio Lower Upper

169 100

168 66.5 53.2 79.8

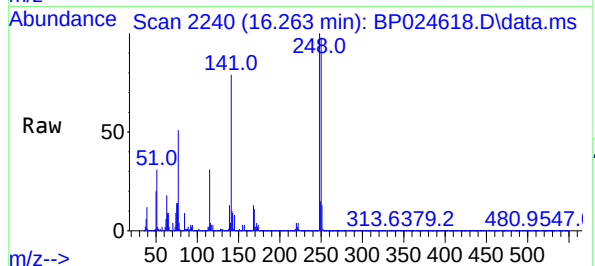
167 35.8 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 16.263 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

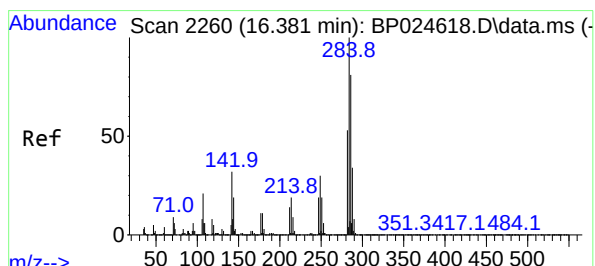
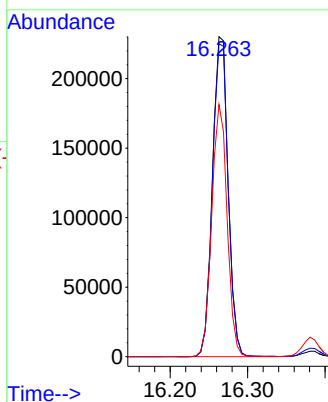
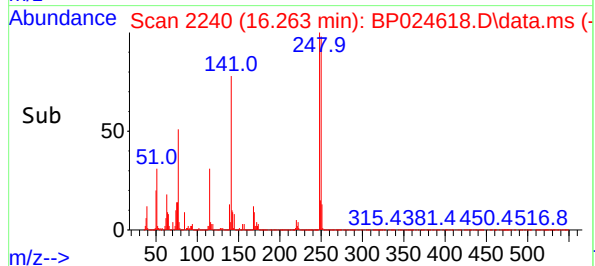
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 323558
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 78.8 63.0 94.6

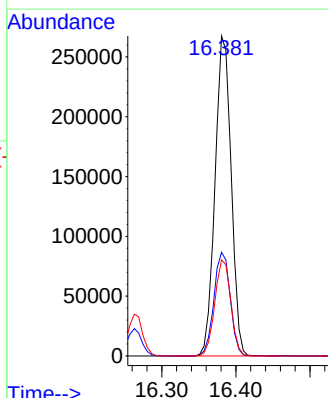
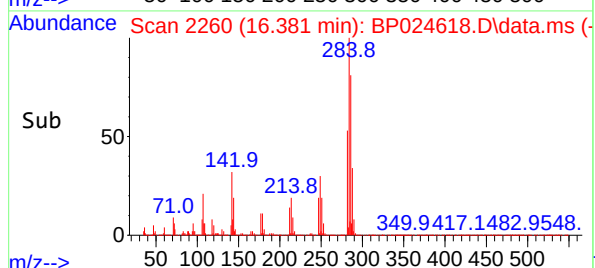
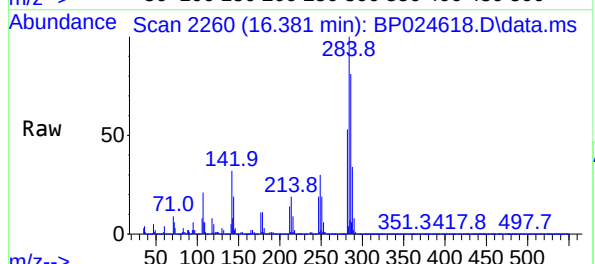
Manual Integrations
APPROVED

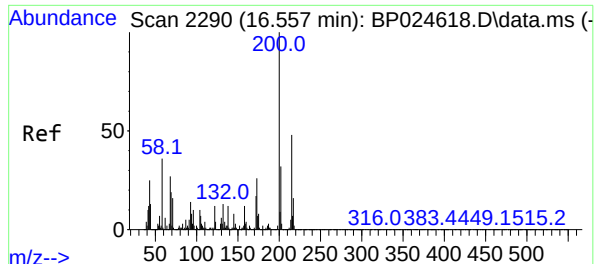
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 37.60 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

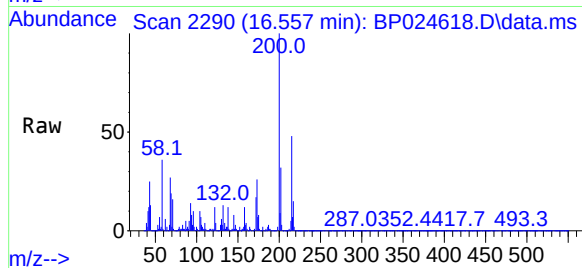
Tgt Ion:284 Resp: 403916
Ion Ratio Lower Upper
284 100
142 32.4 25.9 38.9
249 30.1 24.1 36.1





#69
Atrazine
Concen: 38.67 ng
RT: 16.557 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

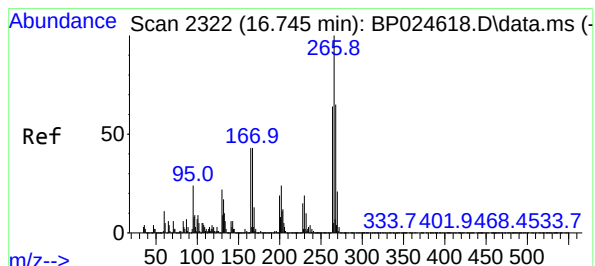
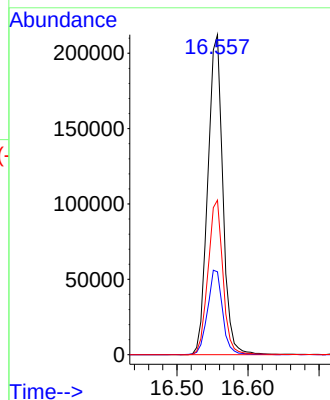
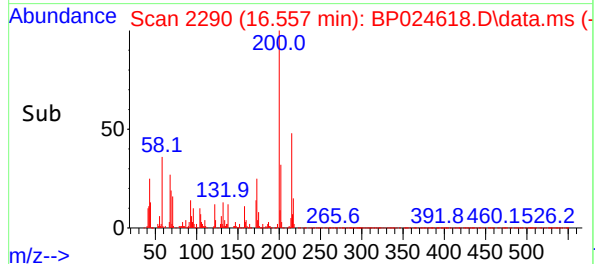
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 312220
Ion Ratio Lower Upper
200 100
173 25.9 5.9 45.9
215 48.3 28.3 68.3

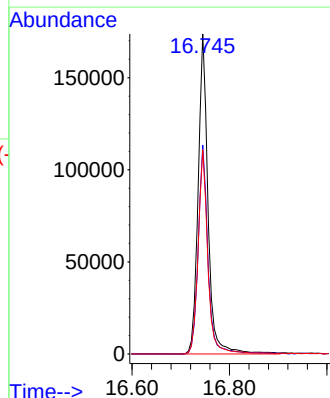
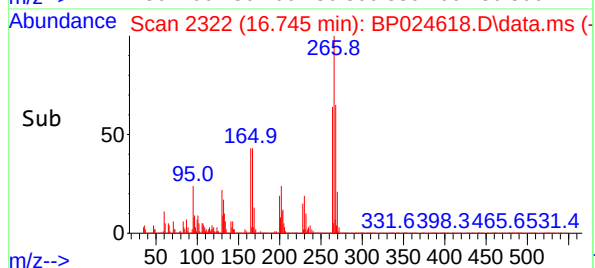
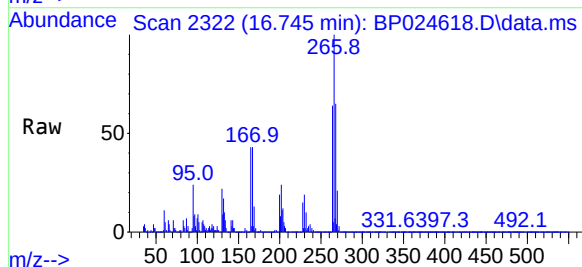
Manual Integrations
APPROVED

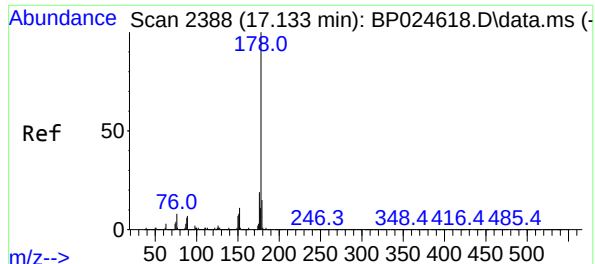
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#70
Pentachlorophenol
Concen: 40.91 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

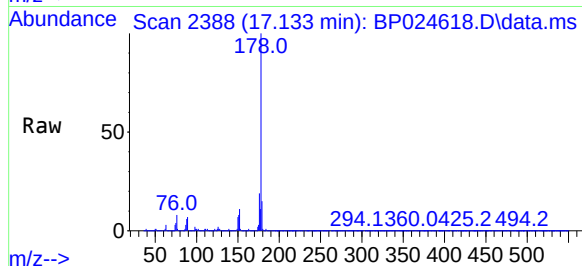
Tgt Ion:266 Resp: 246828
Ion Ratio Lower Upper
266 100
268 65.3 52.2 78.4
264 63.9 51.1 76.7





#71
Phenanthrene
Concen: 37.80 ng
RT: 17.133 min Scan# 2388
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

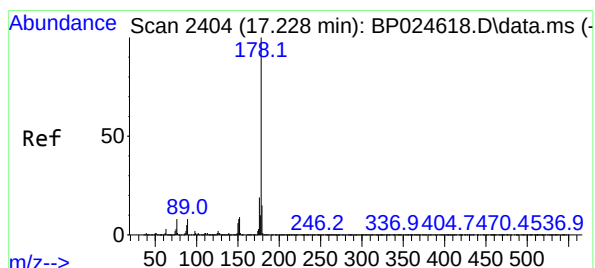
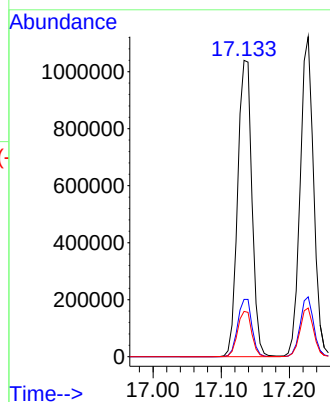
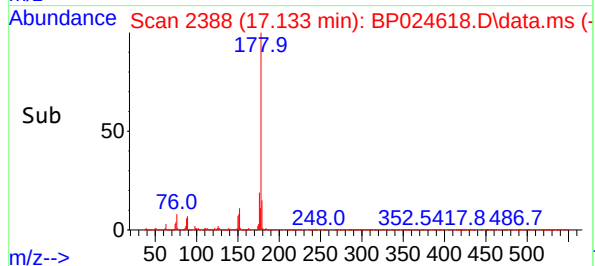
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 1507602
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.2 18.4

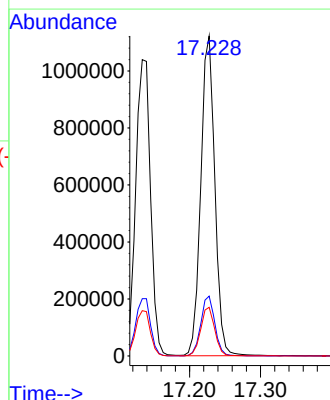
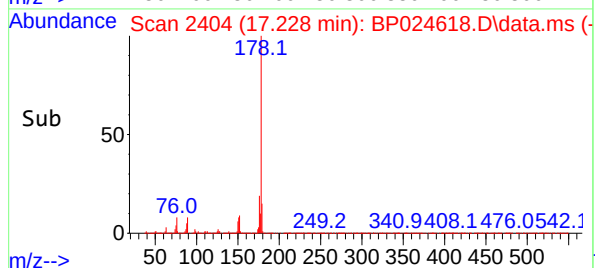
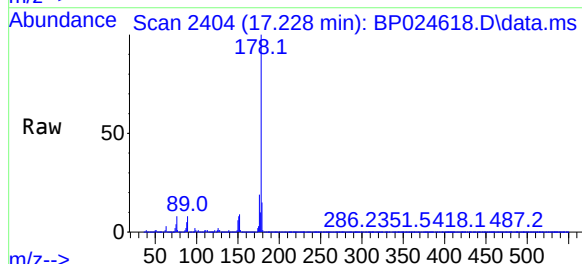
Manual Integrations
APPROVED

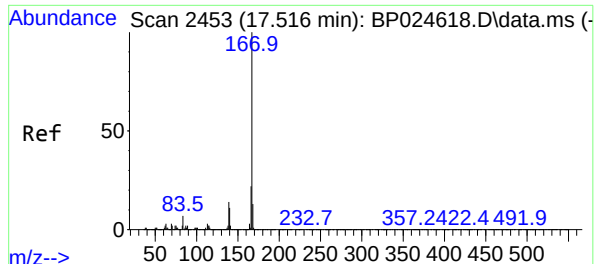
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 38.44 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

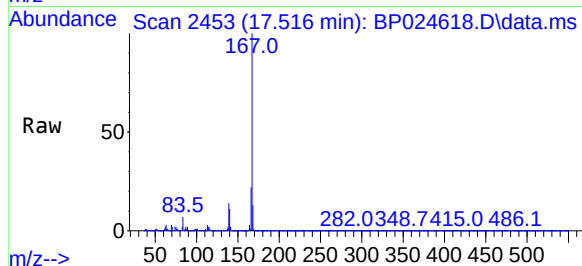
Tgt Ion:178 Resp: 1542275
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.2 18.2





#73
Carbazole
Concen: 39.55 ng
RT: 17.516 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

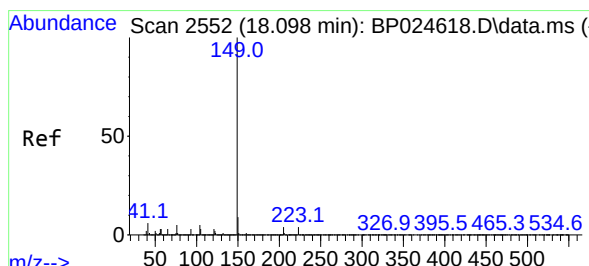
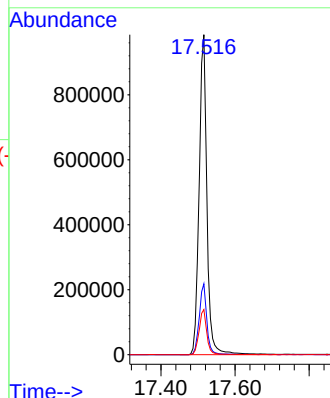
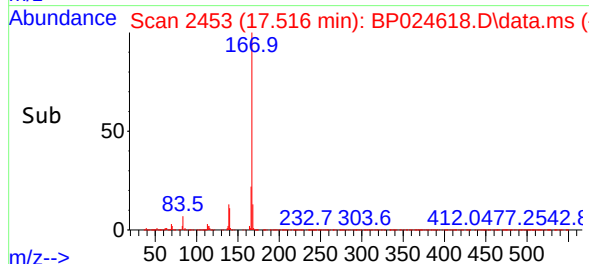
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 1436294
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 14.1 11.3 16.9

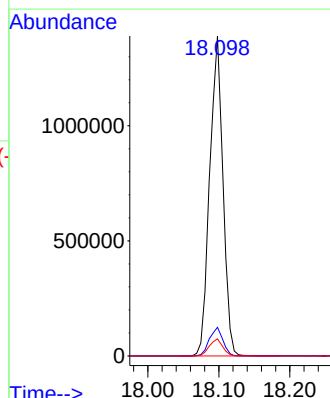
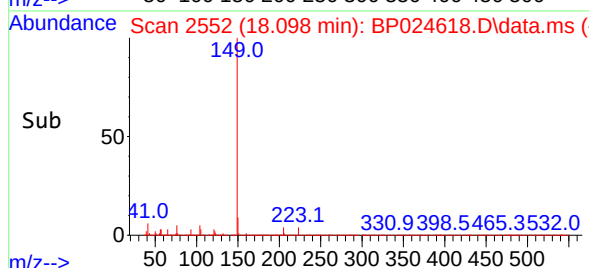
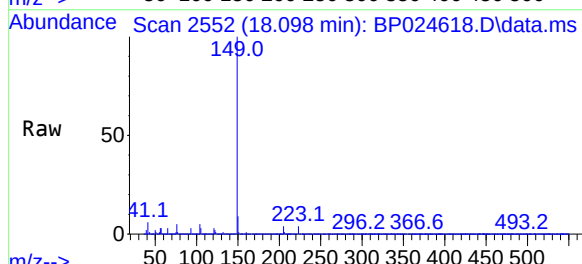
Manual Integrations
APPROVED

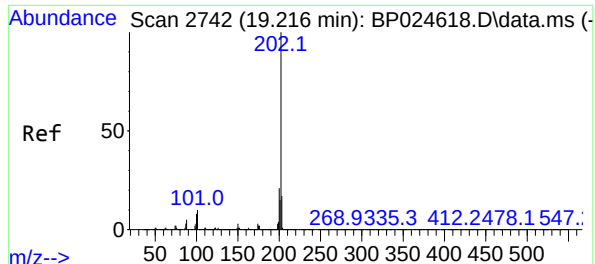
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 38.69 ng
RT: 18.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

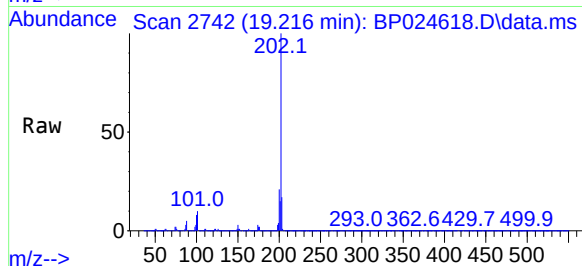
Tgt Ion:149 Resp: 1807097
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 38.49 ng
RT: 19.216 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

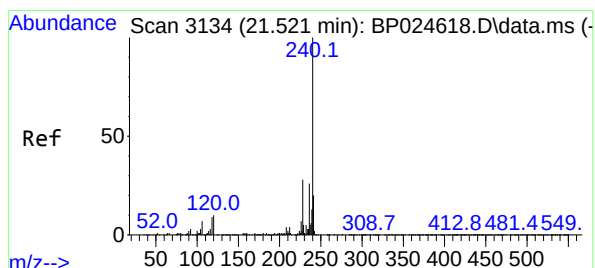
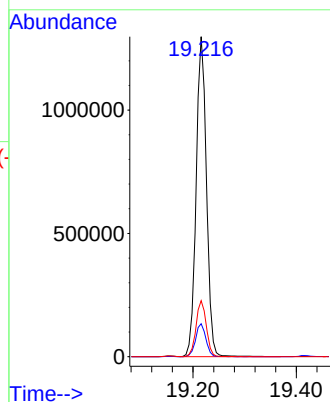
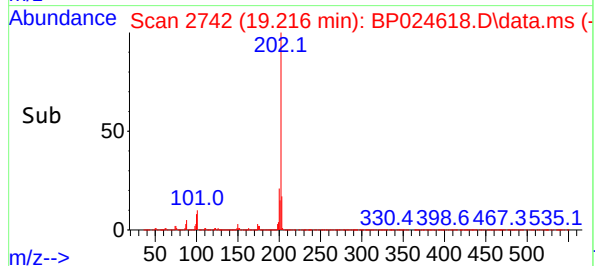
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 1794040
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.3
203 17.5 0.0 37.5

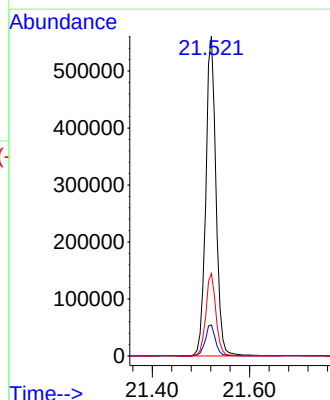
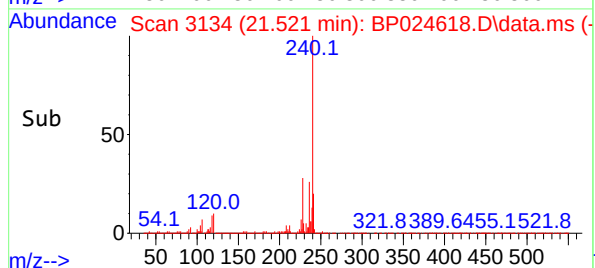
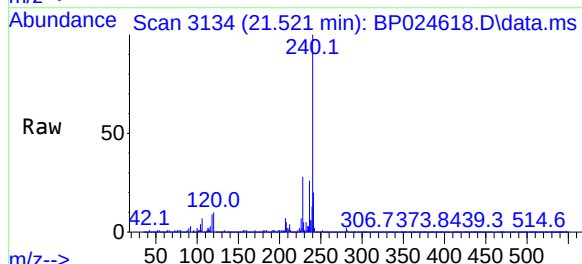
Manual Integrations
APPROVED

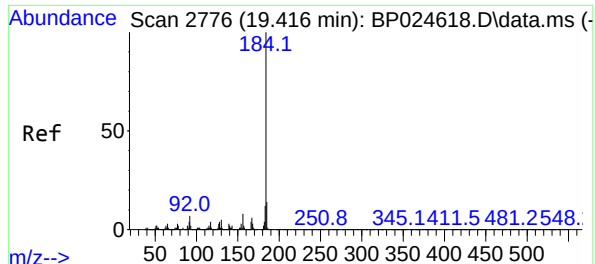
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:240 Resp: 810498
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.8 20.6 31.0





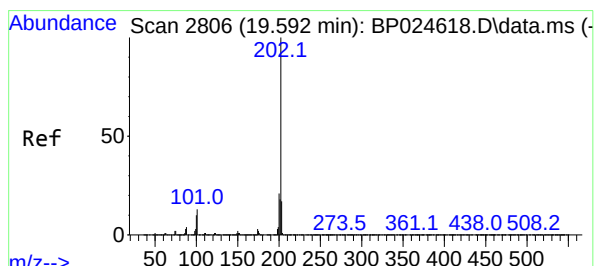
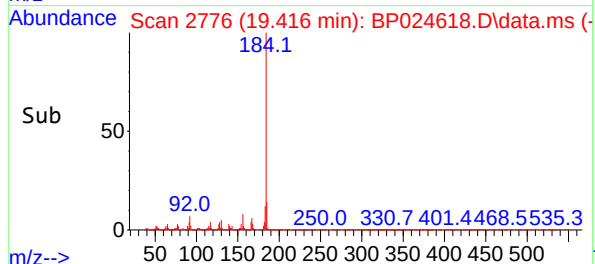
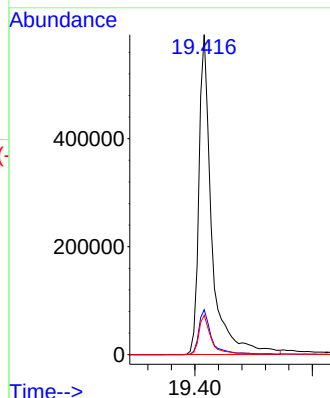
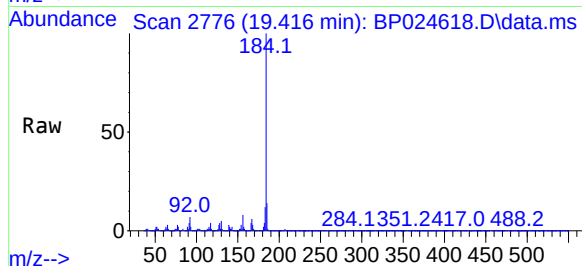
#77
Benzidine
Concen: 40.77 ng
RT: 19.416 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 907109
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 12.3 9.8 14.8

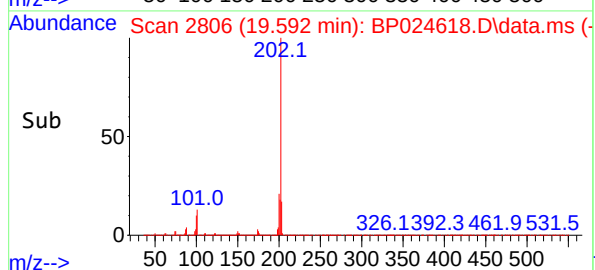
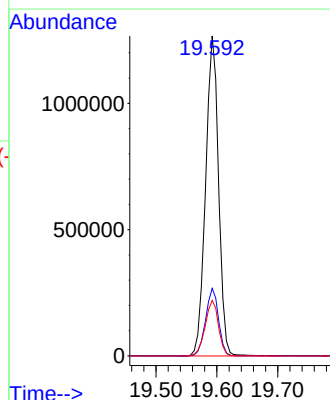
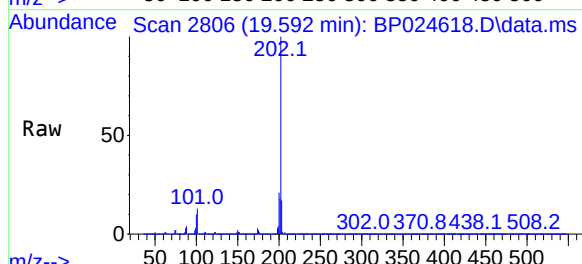
Manual Integrations
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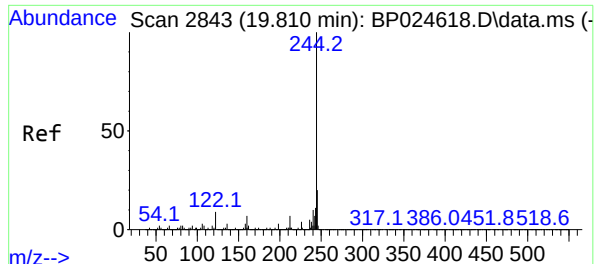
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#78
Pyrene
Concen: 38.50 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:202 Resp: 1869519
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 77.18 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 364796

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

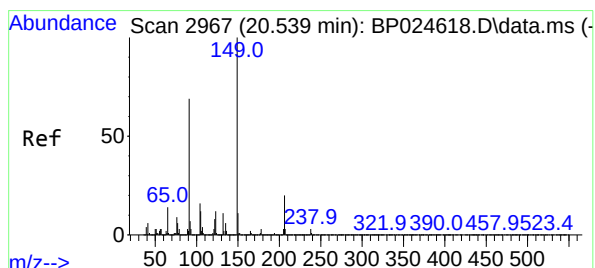
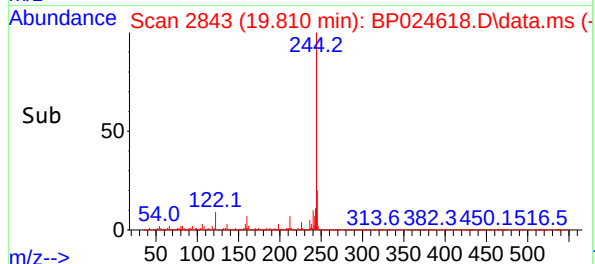
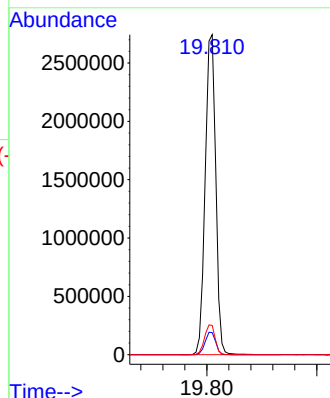
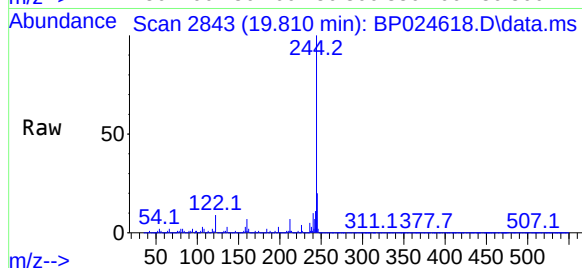
122 9.2 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#80

Butylbenzylphthalate

Concen: 39.58 ng

RT: 20.539 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

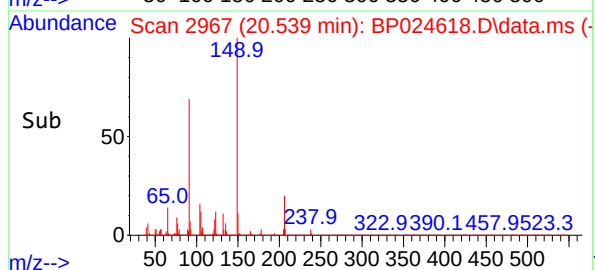
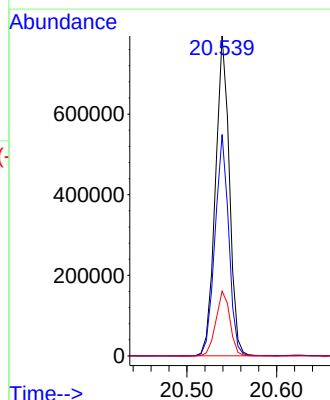
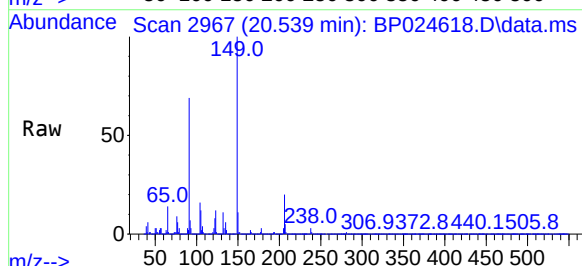
Tgt Ion:149 Resp: 854913

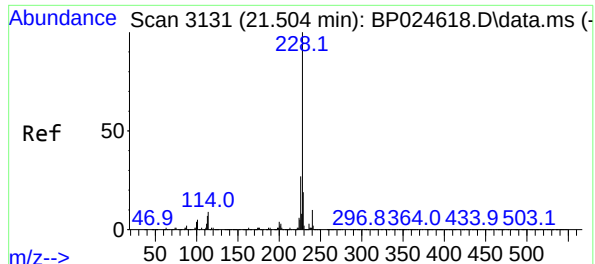
Ion Ratio Lower Upper

149 100

91 69.2 55.4 83.0

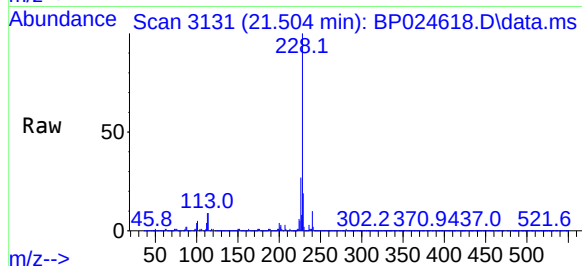
206 20.2 16.2 24.2





#81
Benzo(a)anthracene
Concen: 38.47 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

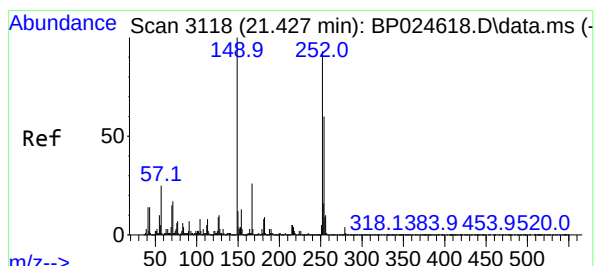
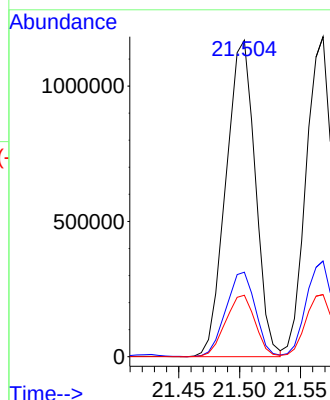
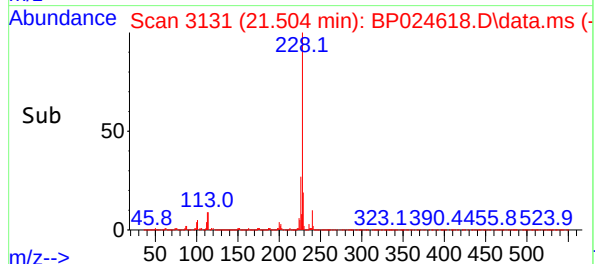
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 1957632
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 19.4 15.5 23.3

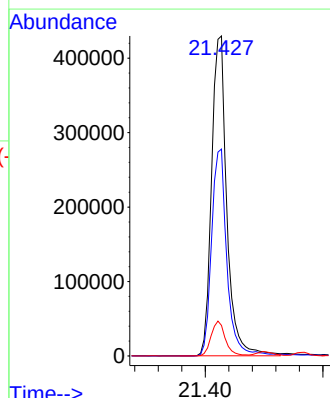
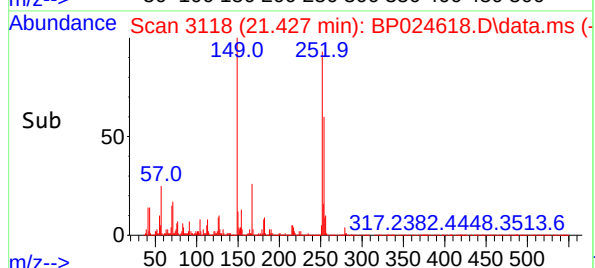
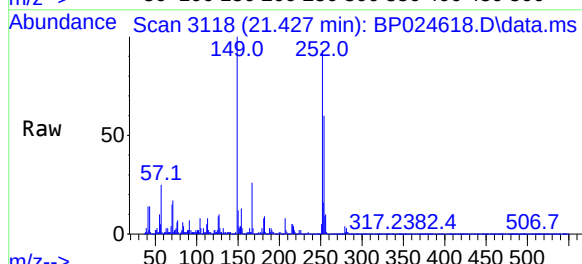
Manual Integrations
APPROVED

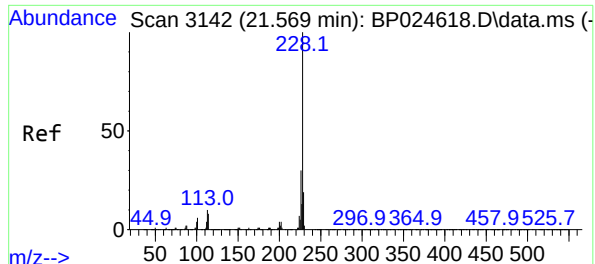
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.94 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

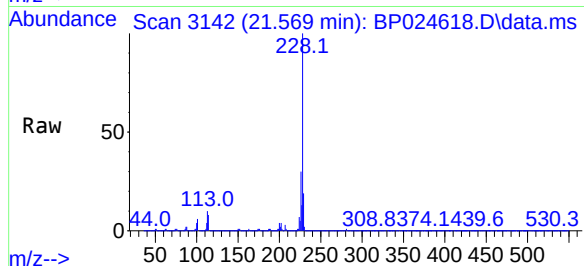
Tgt Ion:252 Resp: 773866
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 9.6 7.7 11.5





#83
Chrysene
Concen: 38.01 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

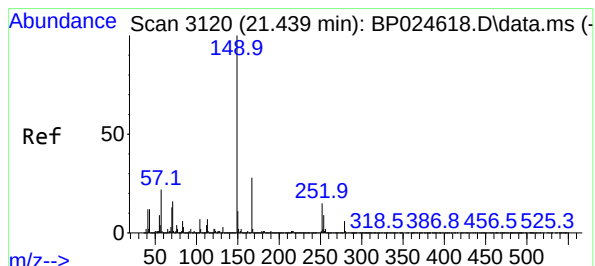
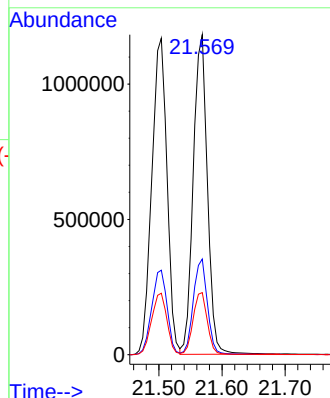
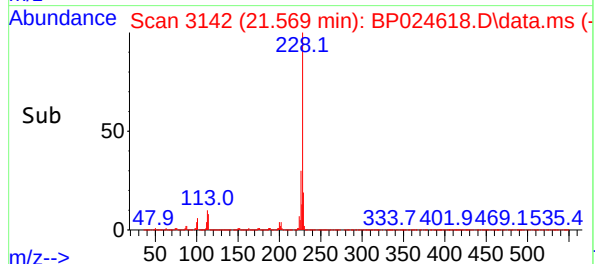
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 1833956
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.4 15.5 23.3

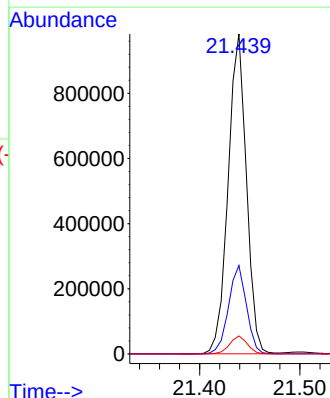
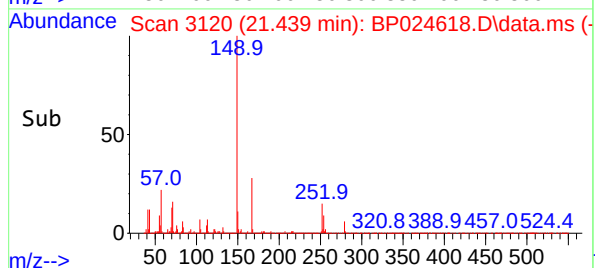
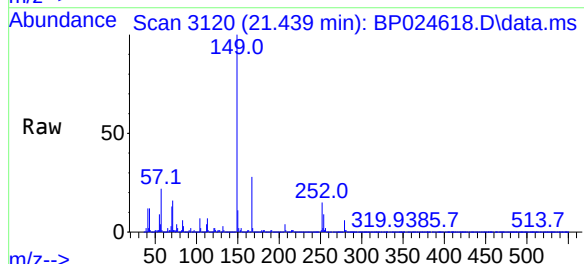
Manual Integrations
APPROVED

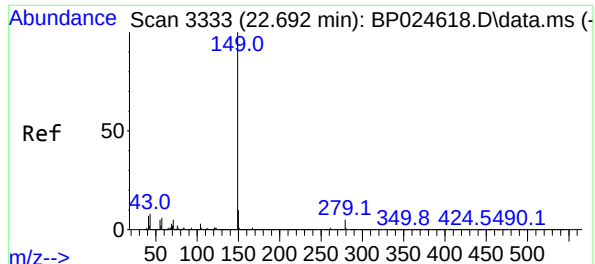
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.09 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

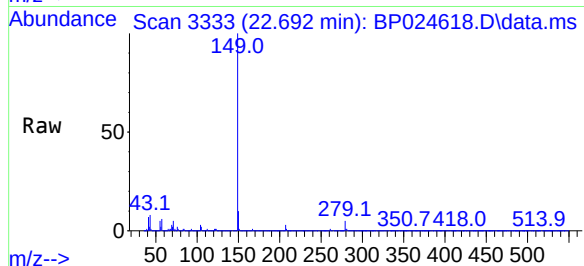
Tgt Ion:149 Resp: 1240956
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.7 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 39.97 ng
RT: 22.692 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

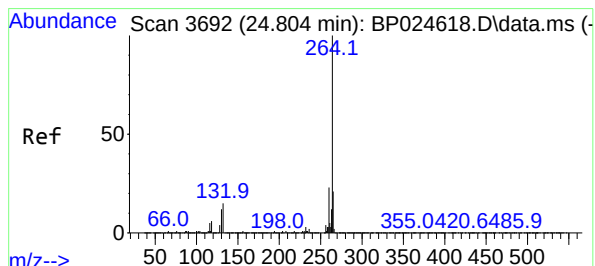
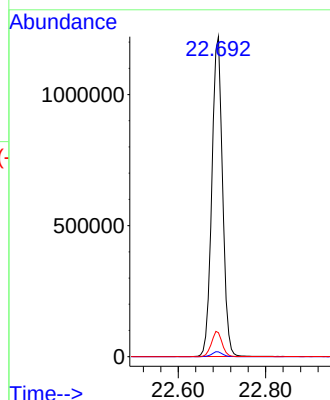
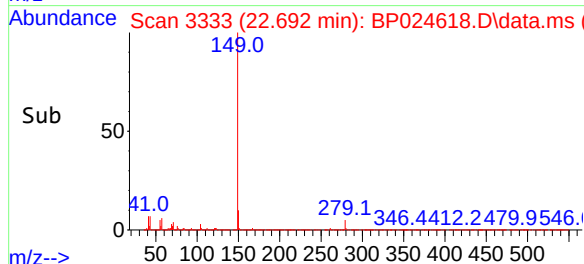
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 2074694
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.9 6.3 9.5

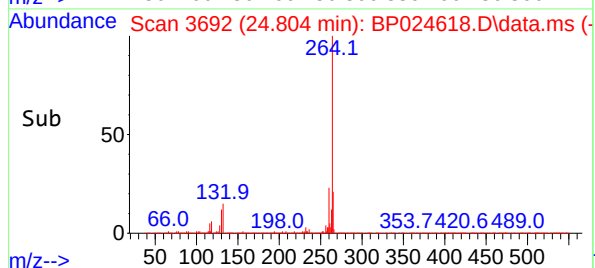
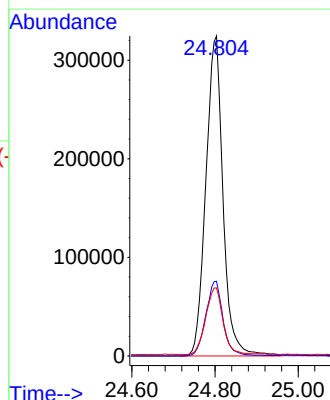
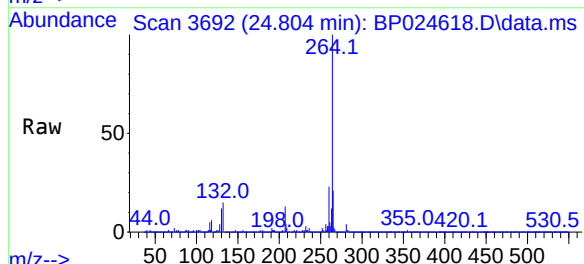
Manual Integrations
APPROVED

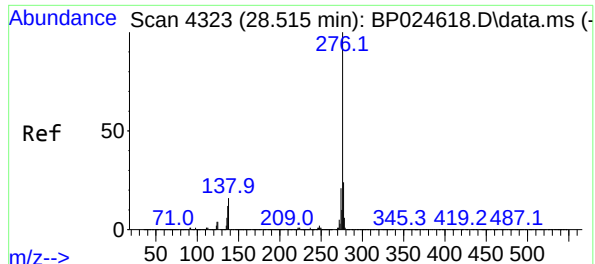
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

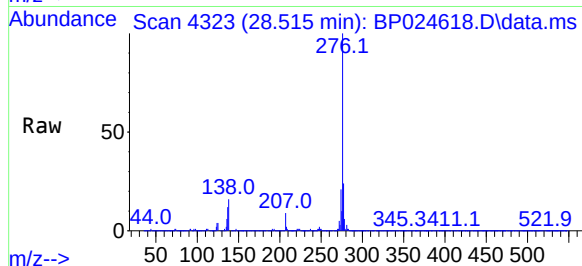
Tgt Ion:264 Resp: 929890
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.3 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 28.515 min Scan# 4323
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

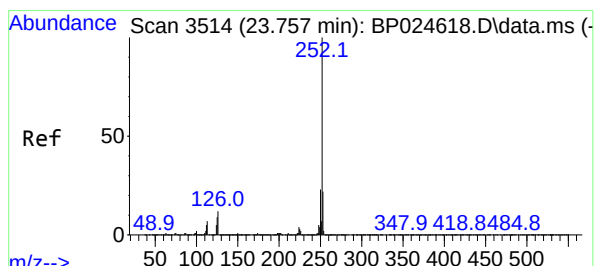
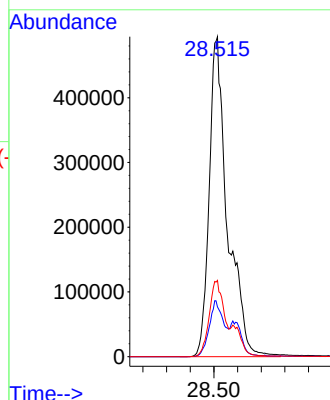
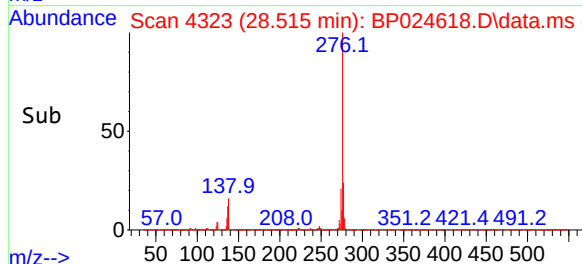
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 264864
Ion Ratio Lower Upper
276 100
138 14.0 11.2 16.8
277 19.6 15.7 23.5

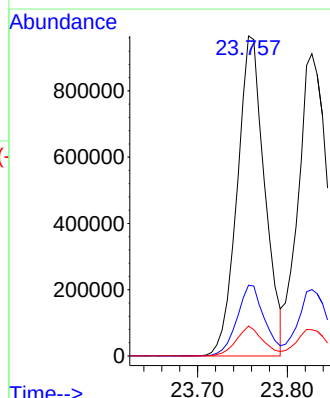
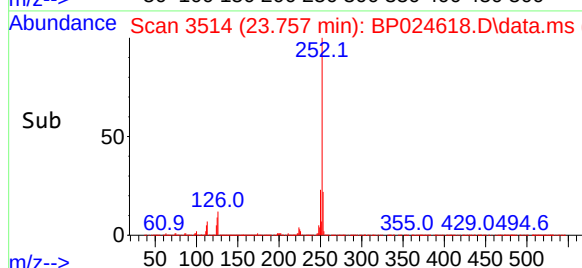
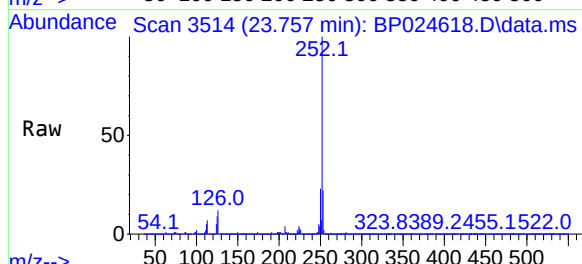
Manual Integrations
APPROVED

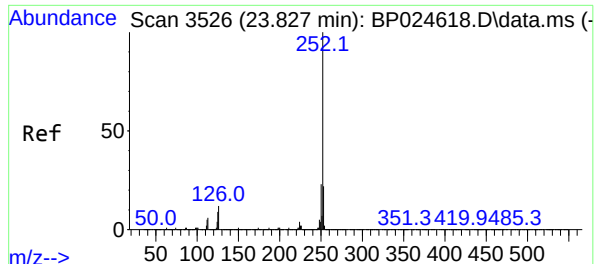
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#88
Benzo(b)fluoranthene
Concen: 38.53 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 2050806
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 38.67 ng

RT: 23.827 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 212072

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

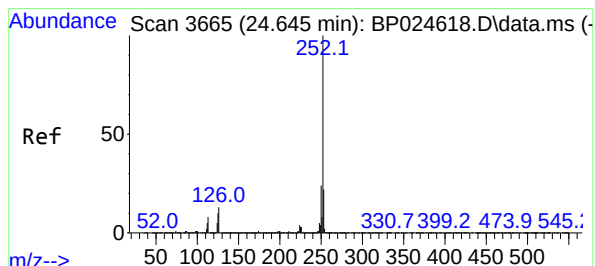
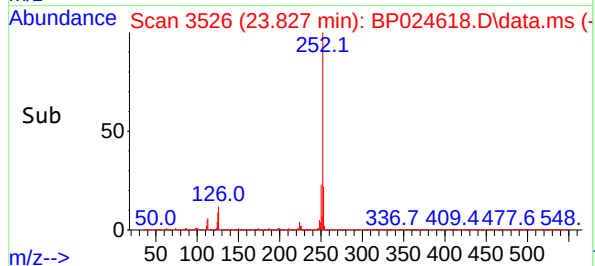
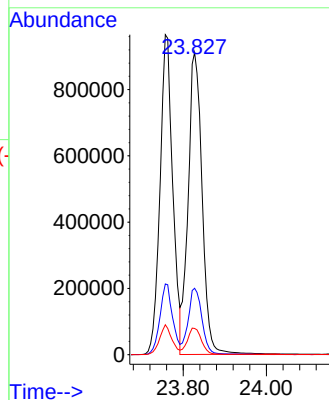
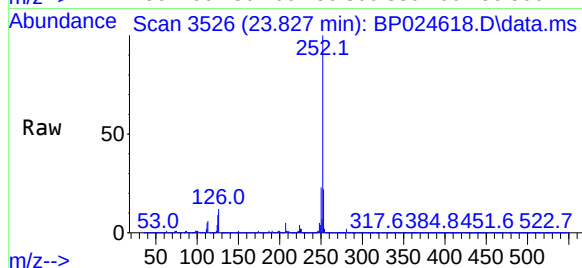
125 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 38.71 ng

RT: 24.645 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

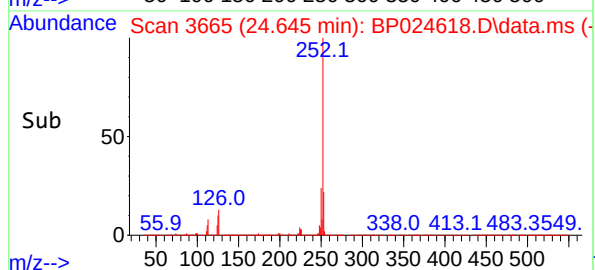
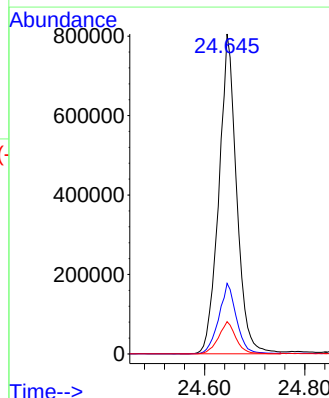
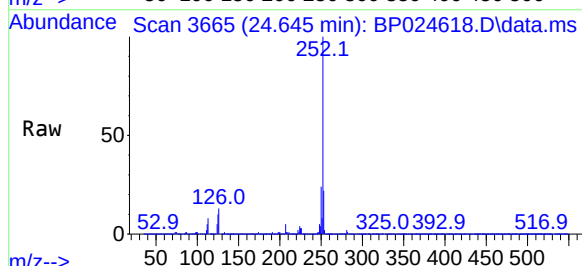
Tgt Ion:252 Resp: 1979017

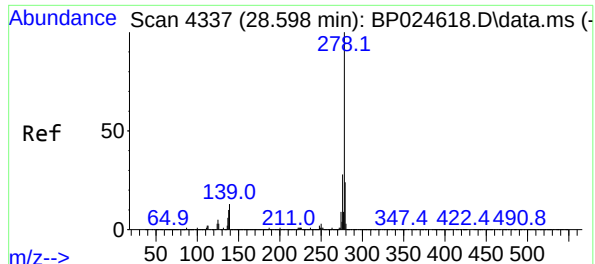
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

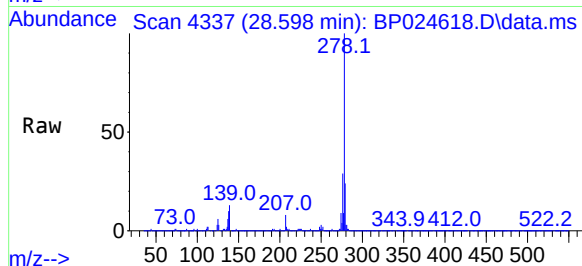
125 10.1 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 39.30 ng
RT: 28.598 min Scan# 4337
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

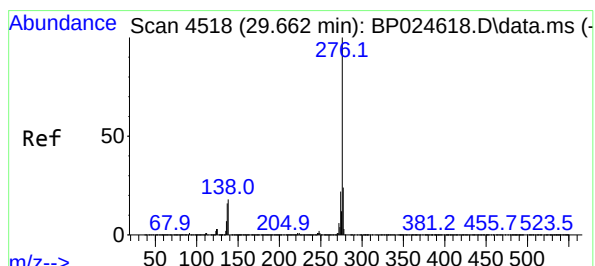
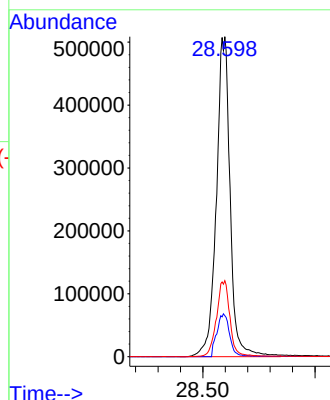
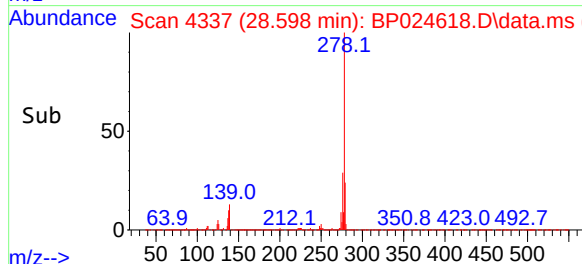
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 278 Resp: 217071
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.7 19.0 28.4

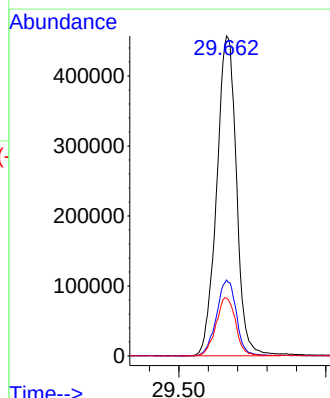
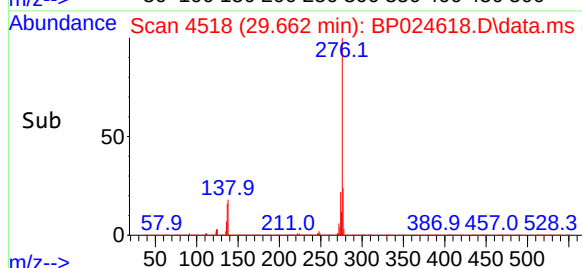
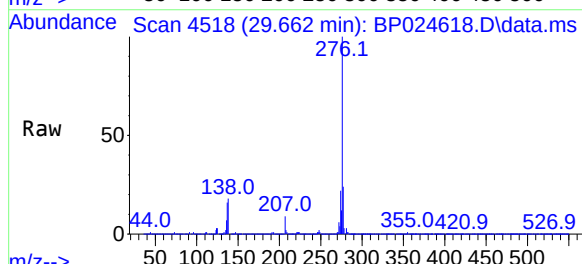
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#92
Benzo(g,h,i)perylene
Concen: 38.84 ng
RT: 29.662 min Scan# 4518
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 276 Resp: 2132921
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 18.0 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024619.D
 Acq On : 13 May 2025 14:05
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: May 13 16:07:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	111395	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	489806	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	318760	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	628781	20.00	ng	-0.01
76) Chrysene-d12	21.522	240	717340	20.00	ng	0.00
86) Perylene-d12	24.810	264	811421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	708626	108.80	ng	0.00
7) Phenol-d6	6.852	99	930484	111.94	ng	0.00
23) Nitrobenzene-d5	8.810	82	1049445	108.26	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	587523	108.72	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2553765	104.96	ng	0.00
79) Terphenyl-d14	19.822	244	4398872	105.15	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	156571	51.20	ng	98
3) Pyridine	3.622	79	379522	55.97	ng	99
4) n-Nitrosodimethylamine	3.534	42	161654	54.00	ng	99
6) Aniline	7.005	93	593141	55.27	ng	99
8) 2-Chlorophenol	7.240	128	408016	55.19	ng	99
9) Benzaldehyde	6.822	77	290405	54.06	ng	100
10) Phenol	6.881	94	475413	55.41	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	377787	53.59	ng	100
12) 1,3-Dichlorobenzene	7.552	146	451750	53.11	ng	99
13) 1,4-Dichlorobenzene	7.699	146	455796	53.28	ng	99
14) 1,2-Dichlorobenzene	8.010	146	439707	52.74	ng	100
15) Benzyl Alcohol	7.910	79	363689	57.58	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	450215	53.33	ng	98
17) 2-Methylphenol	8.110	107	347065	56.40	ng	98
18) Hexachloroethane	8.728	117	173580	52.95	ng	98
19) n-Nitroso-di-n-propyla...	8.463	70	318058	55.32	ng	99
20) 3+4-Methylphenols	8.440	107	474048	56.64	ng	98
22) Acetophenone	8.481	105	653878	53.44	ng	# 98
24) Nitrobenzene	8.852	77	456929	53.56	ng	99
25) Isophorone	9.375	82	921892	54.82	ng	99
26) 2-Nitrophenol	9.557	139	239844	57.38	ng	98
27) 2,4-Dimethylphenol	9.628	122	402585	54.62	ng	99
28) bis(2-Chloroethoxy)met...	9.852	93	542581	54.01	ng	100
29) 2,4-Dichlorophenol	10.099	162	400983	56.14	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	424561	52.75	ng	97
31) Naphthalene	10.481	128	1336265	52.65	ng	100
32) Benzoic acid	9.787	122	263657	50.71	ng	99
33) 4-Chloroaniline	10.599	127	569812	55.63	ng	99
34) Hexachlorobutadiene	10.769	225	271578	52.09	ng	99
35) Caprolactam	11.393	113	148586	57.53	ng	98
36) 4-Chloro-3-methylphenol	11.734	107	478787	54.97	ng	99
37) 2-Methylnaphthalene	12.093	142	873274	53.13	ng	99
38) 1-Methylnaphthalene	12.316	142	919827	52.31	ng	98
40) 1,2,4,5-Tetrachloroben...	12.469	216	497848	53.78	ng	100
41) Hexachlorocyclopentadiene	12.446	237	334752	59.64	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	341059	56.89	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024619.D
 Acq On : 13 May 2025 14:05
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

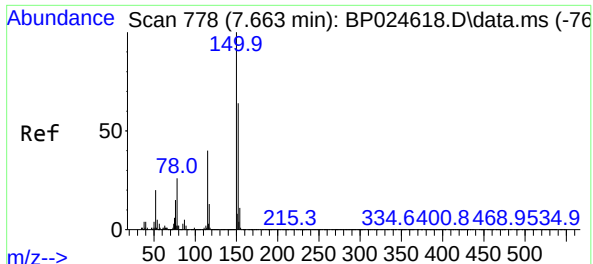
Quant Time: May 13 16:07:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	375330	56.24	ng	98
46) 1,1'-Biphenyl	13.116	154	1263640	53.64	ng	100
47) 2-Chloronaphthalene	13.157	162	952857	53.04	ng	99
48) 2-Nitroaniline	13.369	65	303475	57.06	ng	99
49) Acenaphthylene	14.010	152	1616938	53.79	ng	100
50) Dimethylphthalate	13.751	163	1283491	52.83	ng	99
51) 2,6-Dinitrotoluene	13.875	165	281728	54.91	ng	99
52) Acenaphthene	14.357	154	923238	53.42	ng	100
53) 3-Nitroaniline	14.210	138	302341	57.71	ng	99
54) 2,4-Dinitrophenol	14.422	184	159888	51.86	ng	98
55) Dibenzofuran	14.698	168	1447333	52.50	ng	99
56) 4-Nitrophenol	14.545	139	238294	53.99	ng	99
57) 2,4-Dinitrotoluene	14.669	165	404684	55.94	ng	98
58) Fluorene	15.357	166	1190632	52.97	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	341204	55.11	ng	100
60) Diethylphthalate	15.134	149	1305791	53.18	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	590421	52.67	ng	97
62) 4-Nitroaniline	15.392	138	298681	58.55	ng	99
63) Azobenzene	15.651	77	1121556	53.39	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	234095	57.64	ng	98
66) n-Nitrosodiphenylamine	15.569	169	1048396	54.28	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	396385	53.50	ng	99
68) Hexachlorobenzene	16.381	284	504987	53.64	ng	99
69) Atrazine	16.551	200	389749	55.07	ng	100
70) Pentachlorophenol	16.739	266	310477	58.71	ng	98
71) Phenanthrene	17.128	178	1838891	52.61	ng	100
72) Anthracene	17.228	178	1894573	53.87	ng	100
73) Carbazole	17.510	167	1750681	55.00	ng	100
74) Di-n-butylphthalate	18.104	149	2275163	55.58	ng	100
75) Fluoranthene	19.222	202	2199818	53.84	ng	100
77) Benzidine	19.422	184	1178505	59.85	ng	99
78) Pyrene	19.604	202	2282702	53.11	ng	100
80) Butylbenzylphthalate	20.551	149	1083395	56.68	ng	97
81) Benzo(a)anthracene	21.504	228	2396398	53.20	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	966906	57.80	ng	100
83) Chrysene	21.574	228	2250800	52.71	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1585070	56.42	ng	100
85) Di-n-octyl phthalate	22.698	149	2614856	56.91	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	3262830	55.06	ng	99
88) Benzo(b)fluoranthene	23.763	252	2612438	56.25	ng	99
89) Benzo(k)fluoranthene	23.827	252	2552663	53.34	ng	99
90) Benzo(a)pyrene	24.645	252	2475976	55.51	ng	100
91) Dibenzo(a,h)anthracene	28.586	278	2679367	55.60	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2625625	54.79	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

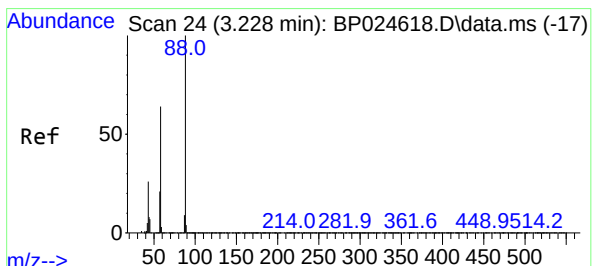
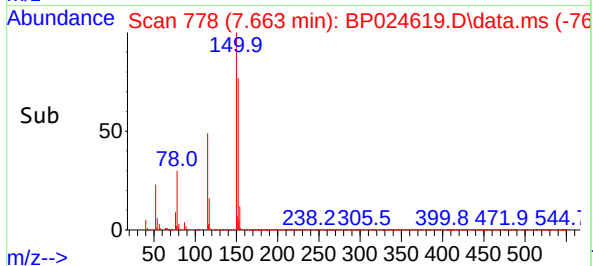
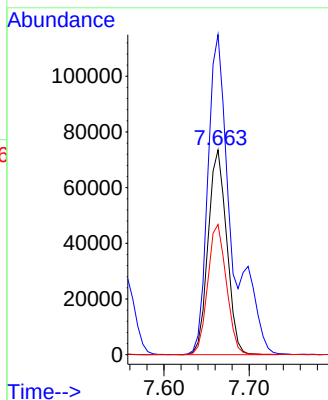
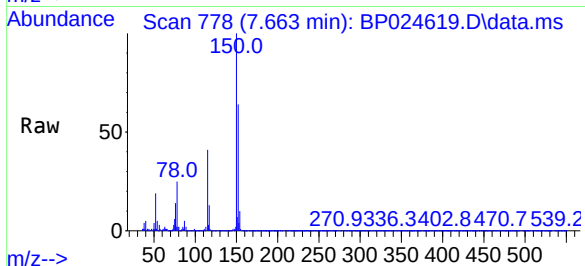
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

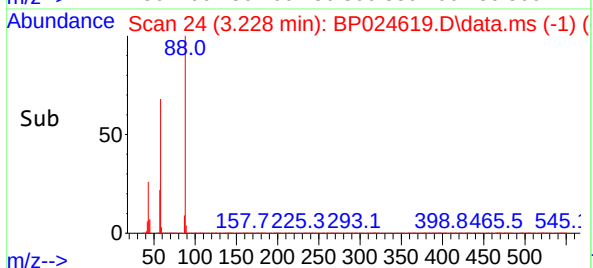
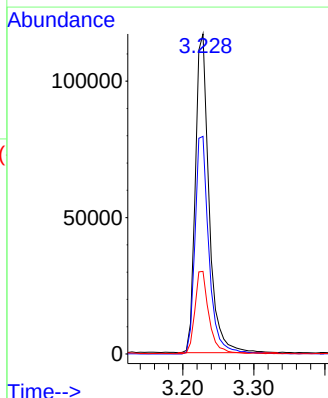
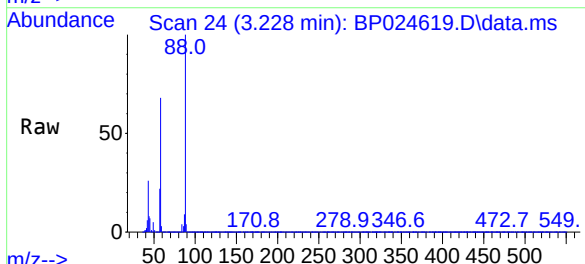
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 111395
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 63.6 50.1 75.1

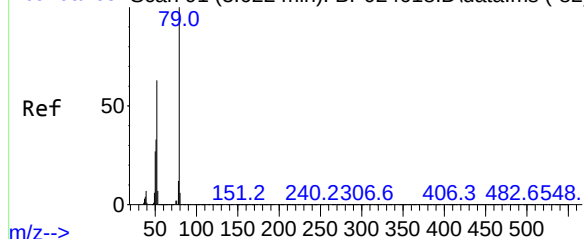


#2
1,4-Dioxane
Concen: 51.20 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 88 Resp: 156571
Ion Ratio Lower Upper
88 100
58 70.0 54.0 81.0
43 26.5 21.4 32.0



Abundance Scan 91 (3.622 min): BP024618.D\data.ms (-82)



#3

Pyridine

Concen: 55.97 ng

RT: 3.622 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

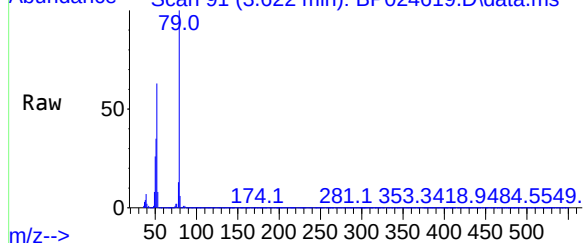
ClientSampleId :

SSTDICC050

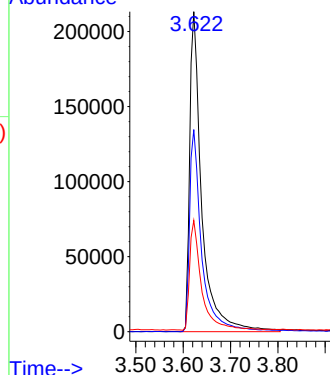
Tgt Ion: 79 Resp: 379522

Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.2
51	34.8	26.8	40.2

Abundance Scan 91 (3.622 min): BP024619.D\data.ms

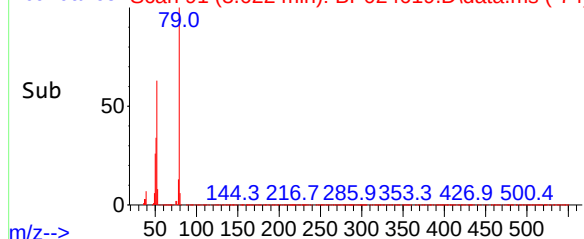


Abundance

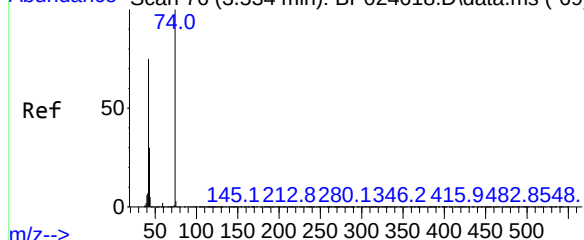


Time-->

Abundance Scan 91 (3.622 min): BP024619.D\data.ms (-74)



Abundance Scan 76 (3.534 min): BP024618.D\data.ms (-69)



#4

n-Nitrosodimethylamine

Concen: 54.00 ng

RT: 3.534 min Scan# 76

Delta R.T. 0.000 min

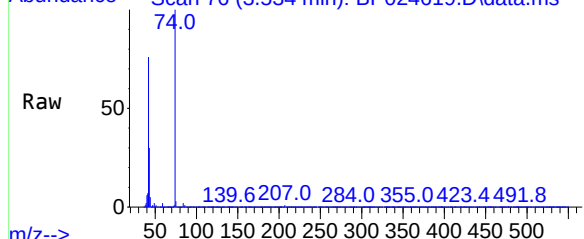
Lab File: BP024619.D

Acq: 13 May 2025 14:05

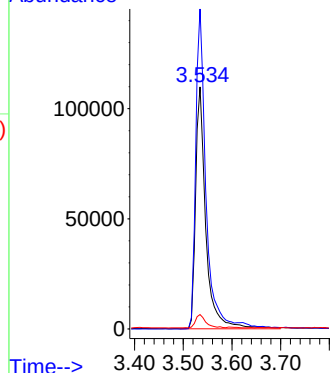
Tgt Ion: 42 Resp: 161654

Ion	Ratio	Lower	Upper
42	100		
74	132.2	106.2	159.2
44	6.0	5.4	8.2

Abundance Scan 76 (3.534 min): BP024619.D\data.ms

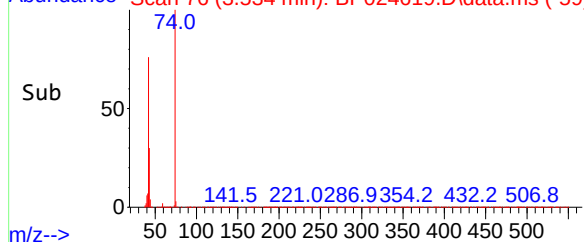


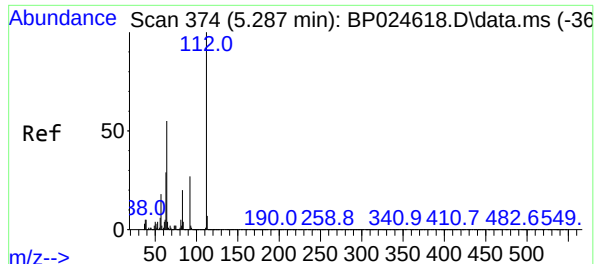
Abundance



Time-->

Abundance Scan 76 (3.534 min): BP024619.D\data.ms (-59)





#5

2-Fluorophenol

Concen: 108.80 ng

RT: 5.287 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

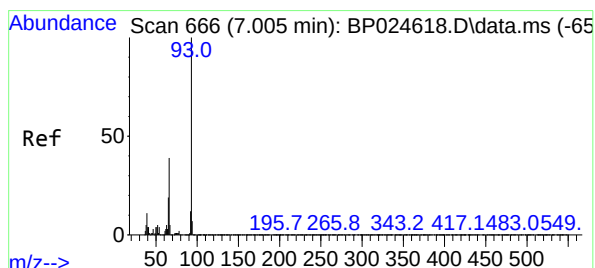
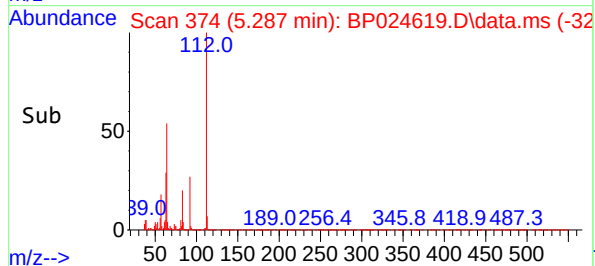
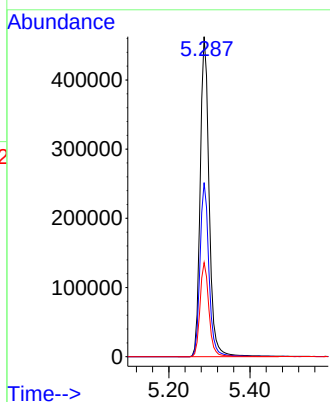
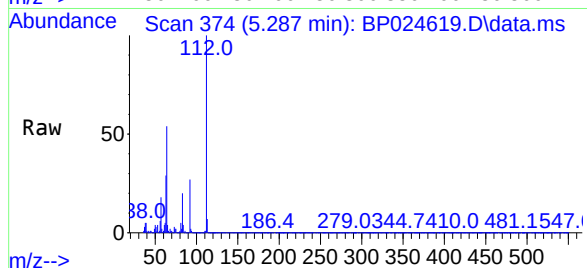
Tgt Ion:112 Resp: 708626

Ion Ratio Lower Upper

112 100

64 54.4 44.1 66.1

63 29.4 23.5 35.3



#6

Aniline

Concen: 55.27 ng

RT: 7.005 min Scan# 666

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

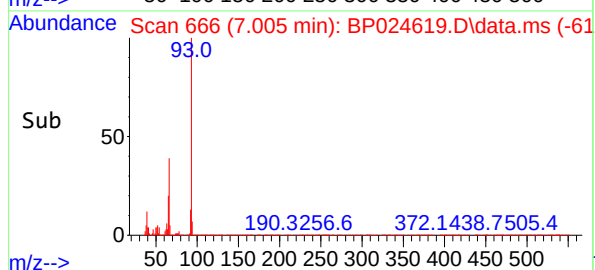
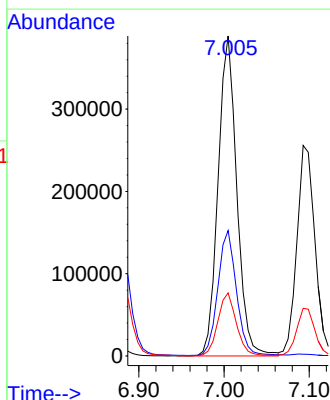
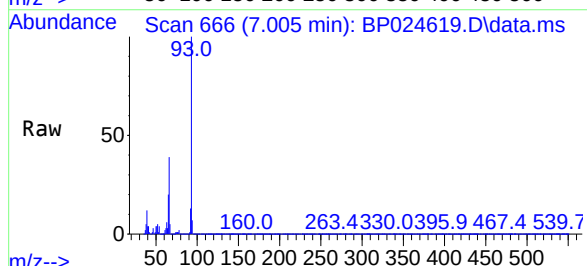
Tgt Ion: 93 Resp: 593141

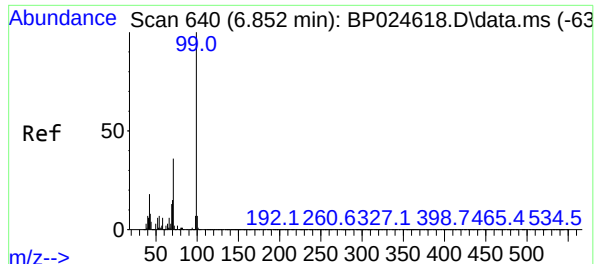
Ion Ratio Lower Upper

93 100

66 39.2 31.0 46.6

65 19.7 15.5 23.3

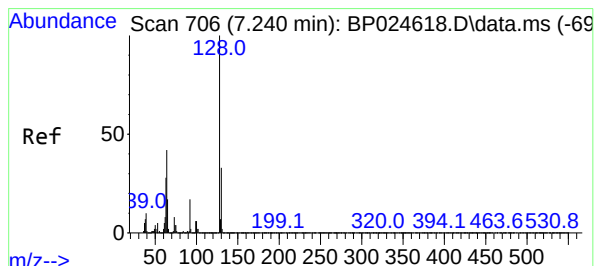
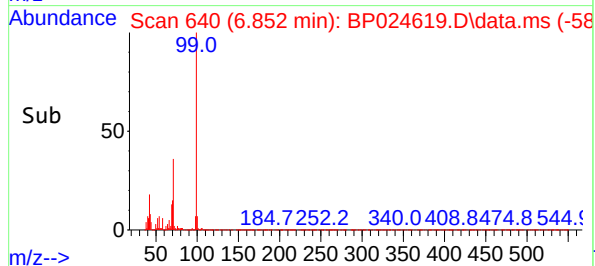
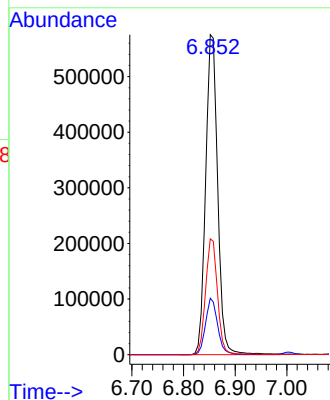
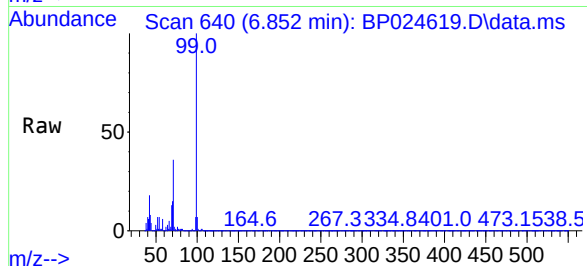




#7
Phenol-d6
Concen: 111.94 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

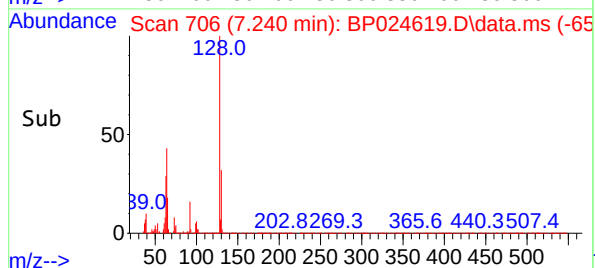
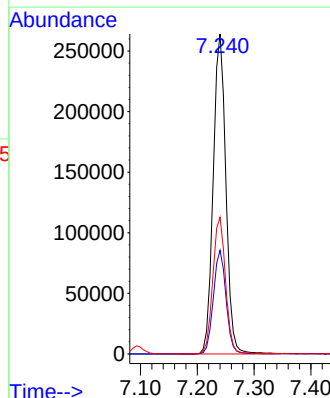
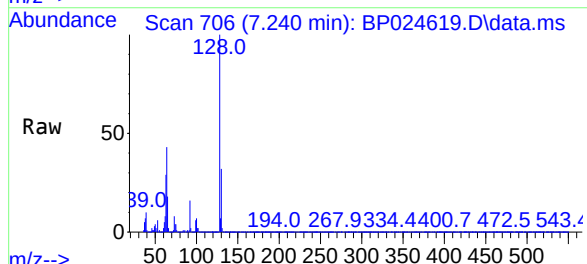
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

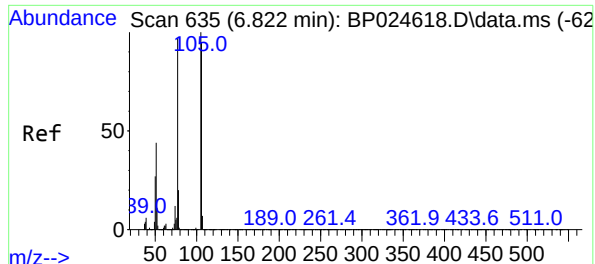
Tgt Ion: 99 Resp: 930484
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.2 29.2 43.8



#8
2-Chlorophenol
Concen: 55.19 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 128 Resp: 408016
Ion Ratio Lower Upper
128 100
130 32.4 13.0 53.0
64 42.8 22.3 62.3





#9

Benzaldehyde

Concen: 54.06 ng

RT: 6.822 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

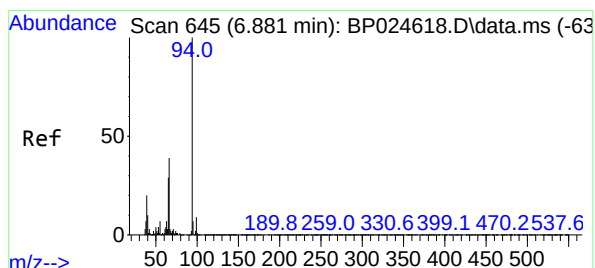
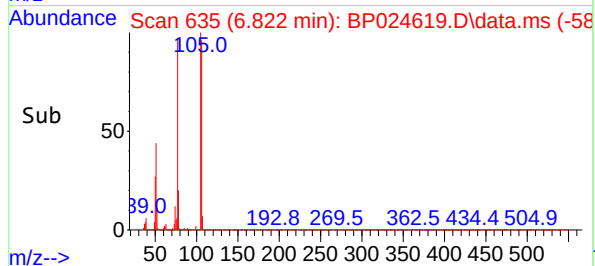
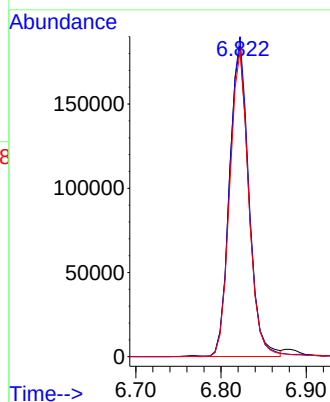
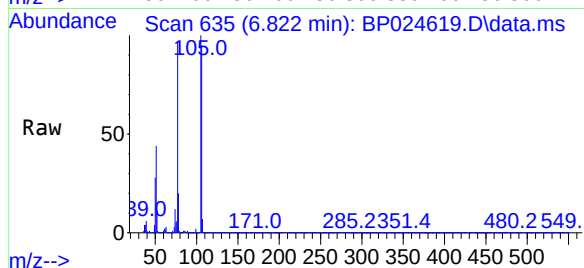
Tgt Ion: 77 Resp: 290405

Ion Ratio Lower Upper

77 100

105 103.0 83.3 123.3

106 98.4 78.0 118.0



#10

Phenol

Concen: 55.41 ng

RT: 6.881 min Scan# 645

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

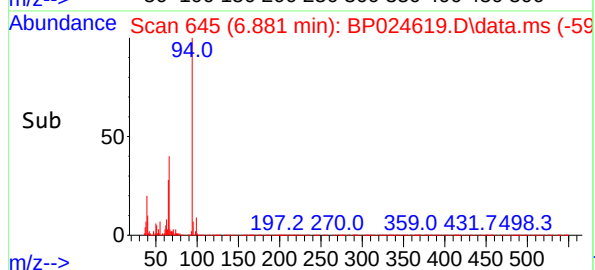
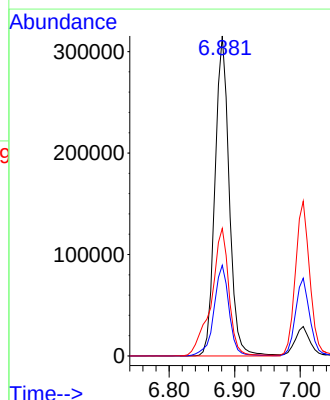
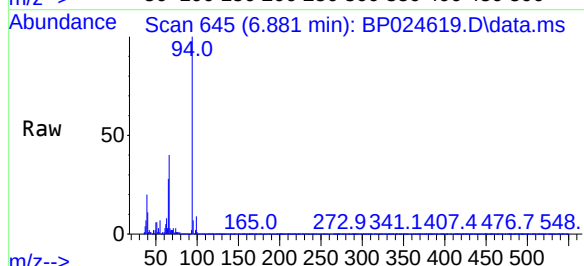
Tgt Ion: 94 Resp: 475413

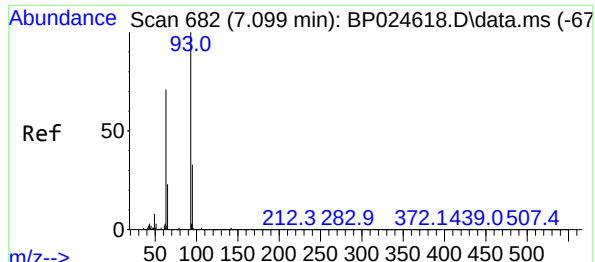
Ion Ratio Lower Upper

94 100

65 28.3 8.7 48.7

66 39.9 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 53.59 ng

RT: 7.093 min Scan# 682

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

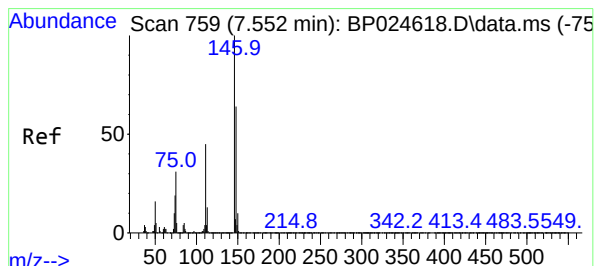
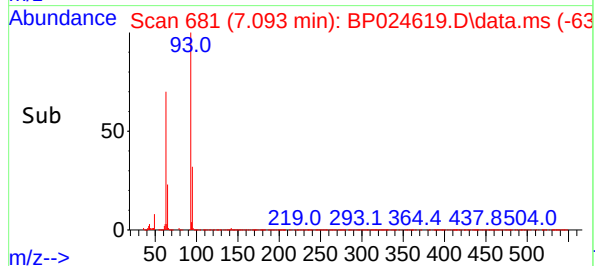
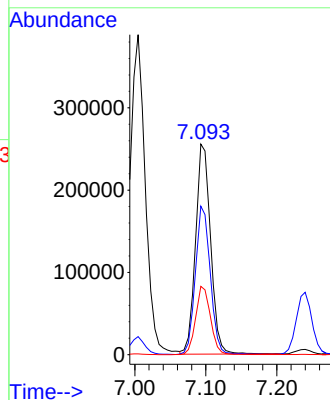
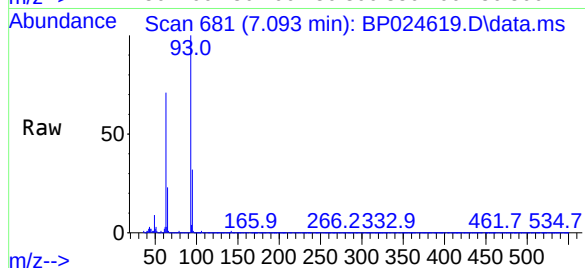
Tgt Ion: 93 Resp: 377787

Ion Ratio Lower Upper

93 100

63 70.5 50.6 90.6

95 32.5 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 53.11 ng

RT: 7.552 min Scan# 759

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

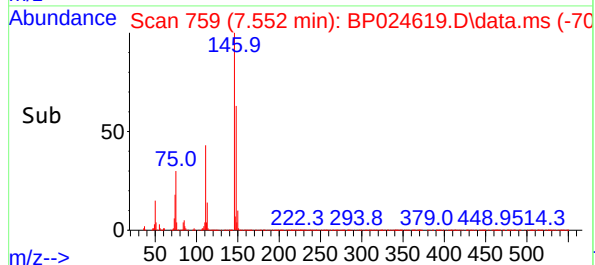
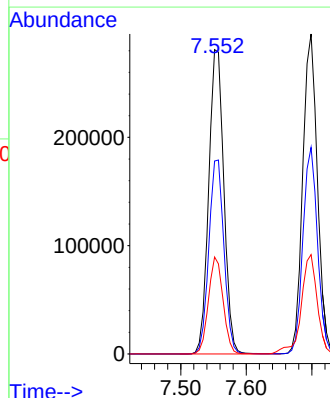
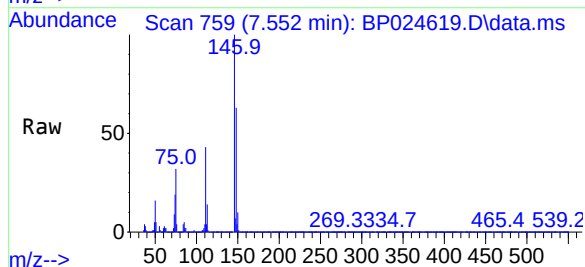
Tgt Ion:146 Resp: 451750

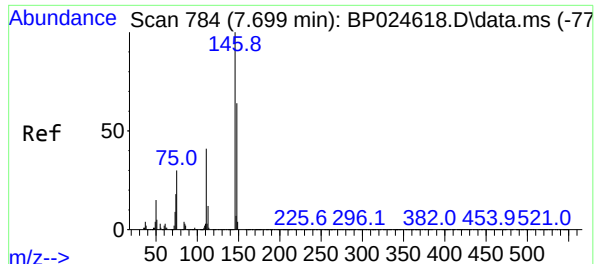
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

75 31.9 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 53.28 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

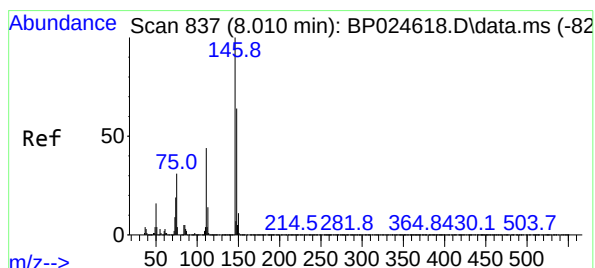
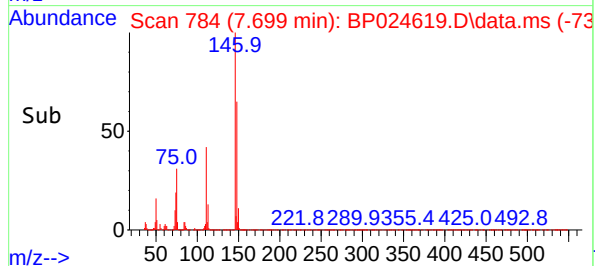
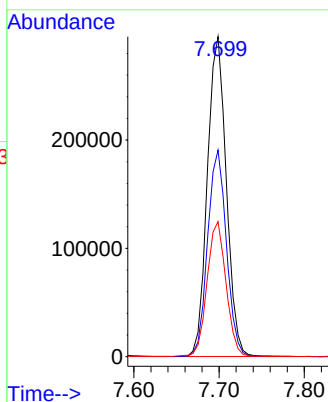
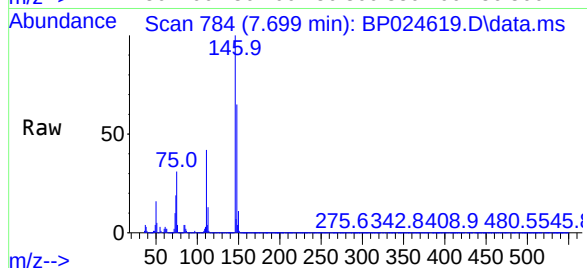
Tgt Ion:146 Resp: 455796

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

111 42.2 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 52.74 ng

RT: 8.010 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

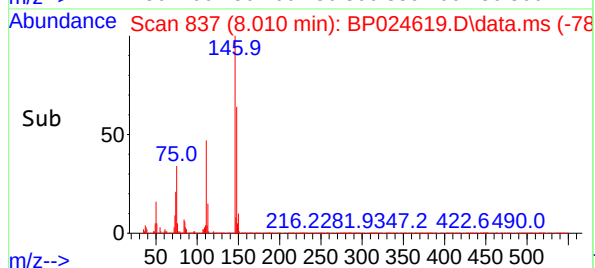
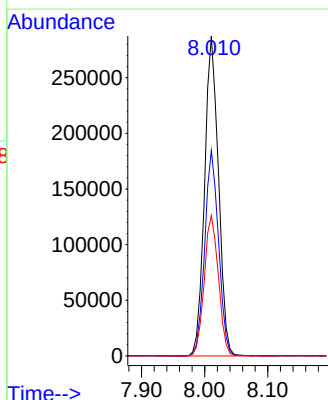
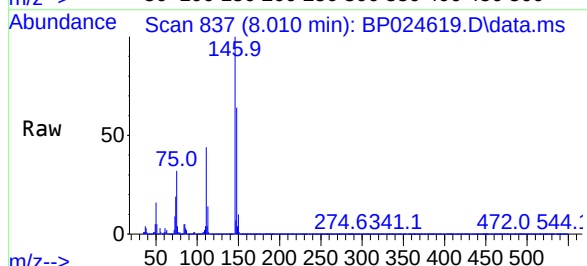
Tgt Ion:146 Resp: 439707

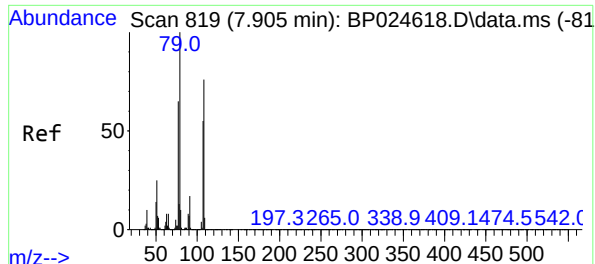
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 43.9 35.2 52.8





#15

Benzyl Alcohol

Concen: 57.58 ng

RT: 7.910 min Scan# 819

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

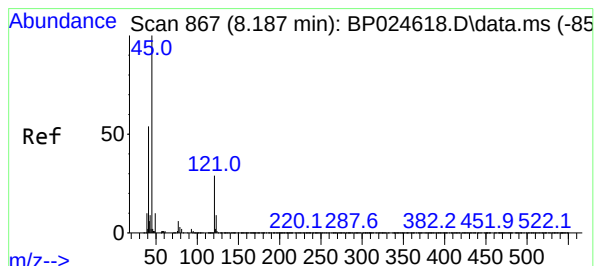
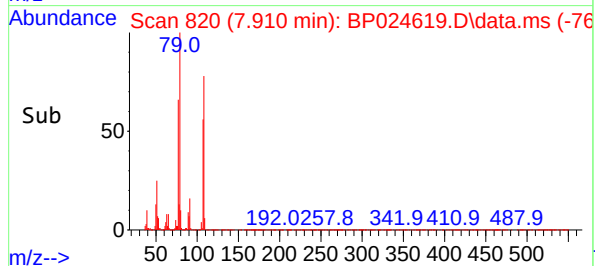
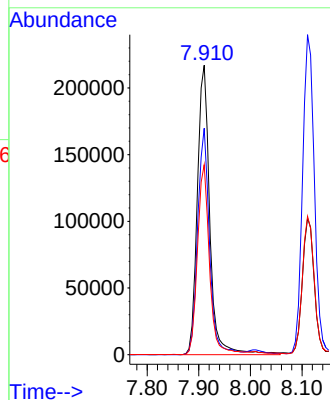
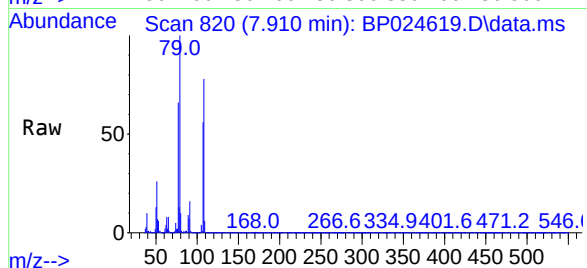
Tgt Ion: 79 Resp: 363689

Ion Ratio Lower Upper

79 100

108 78.2 60.8 91.2

77 65.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.33 ng

RT: 8.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

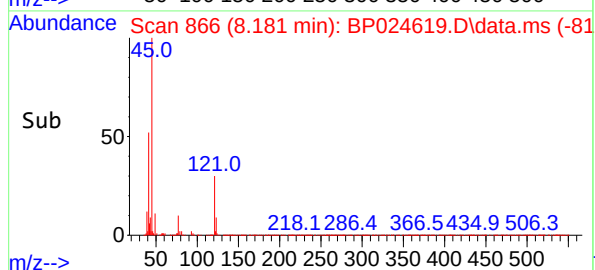
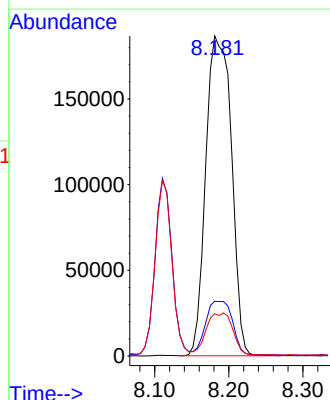
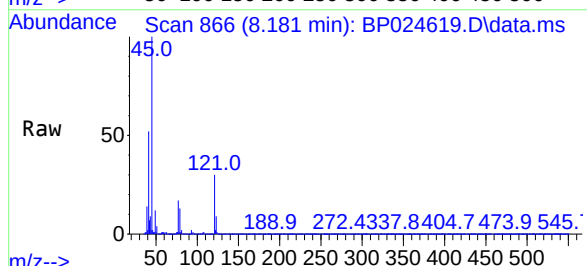
Tgt Ion: 45 Resp: 450215

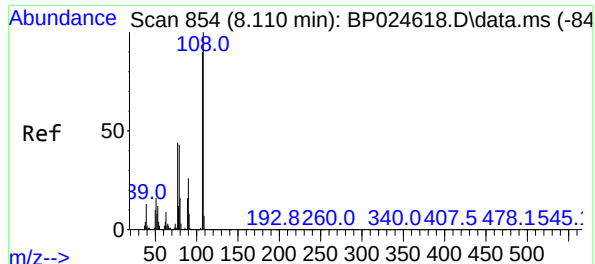
Ion Ratio Lower Upper

45 100

77 17.1 0.0 37.7

79 13.2 0.0 34.0





#17

2-Methylphenol

Concen: 56.40 ng

RT: 8.110 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 347065

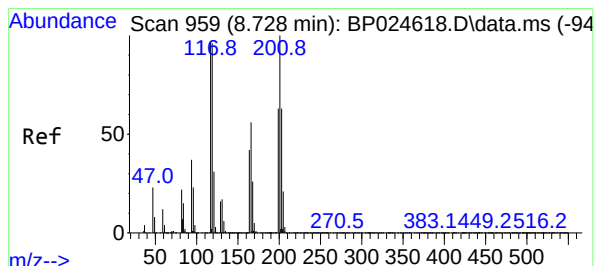
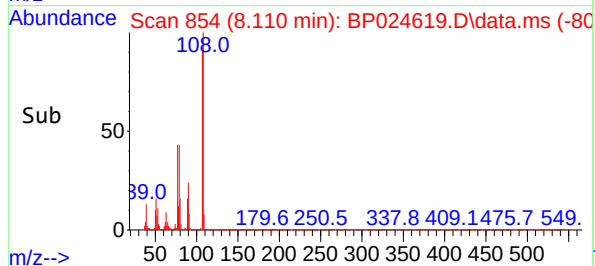
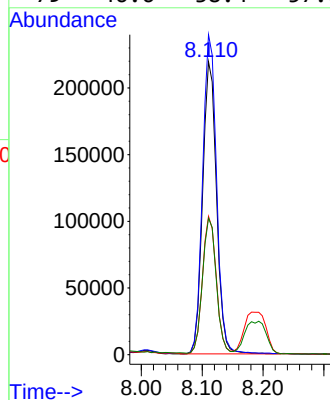
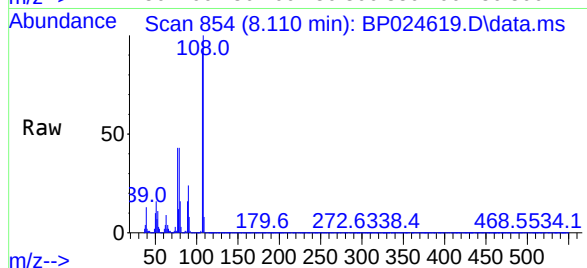
Ion Ratio Lower Upper

107 100

108 109.2 88.9 133.3

77 47.2 39.0 58.6

79 46.6 38.4 57.6



#18

Hexachloroethane

Concen: 52.95 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

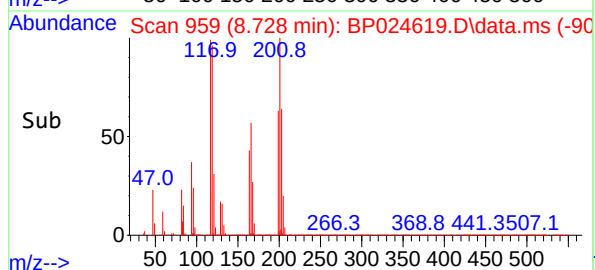
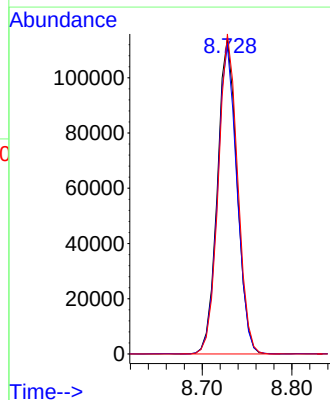
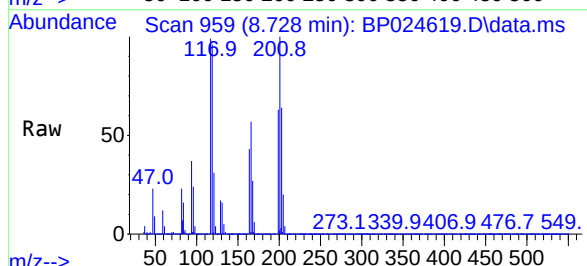
Tgt Ion:117 Resp: 173580

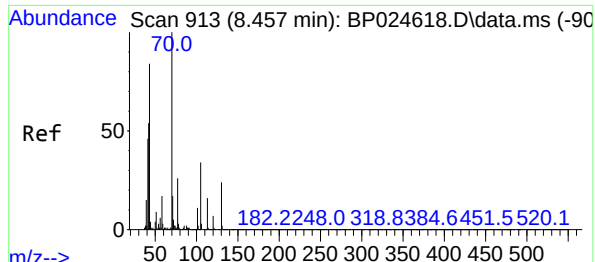
Ion Ratio Lower Upper

117 100

119 97.5 79.4 119.0

201 101.3 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 55.32 ng

RT: 8.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 318058

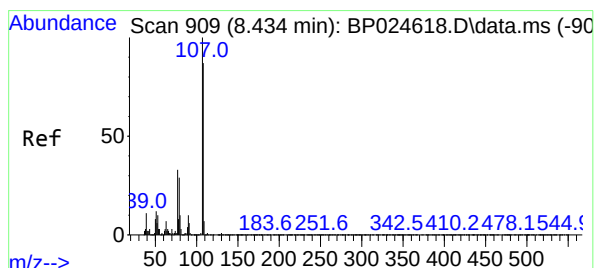
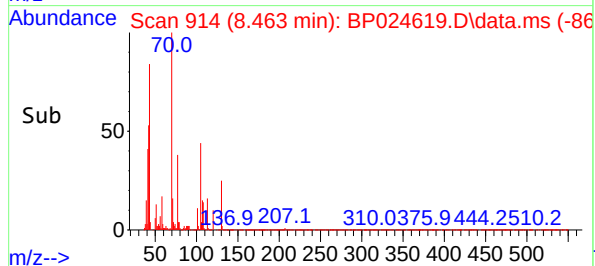
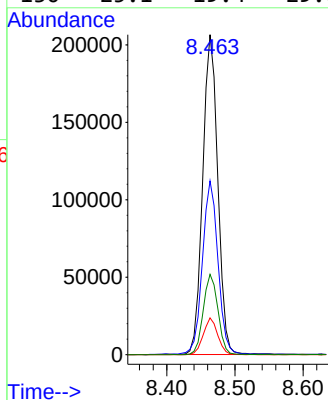
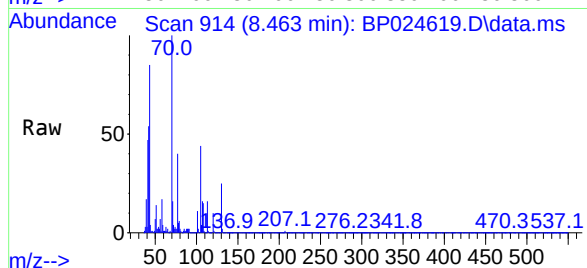
Ion Ratio Lower Upper

70 100

42 54.3 43.0 64.6

101 11.5 8.7 13.1

130 25.1 19.4 29.0



#20

3+4-Methylphenols

Concen: 56.64 ng

RT: 8.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion: 107 Resp: 474048

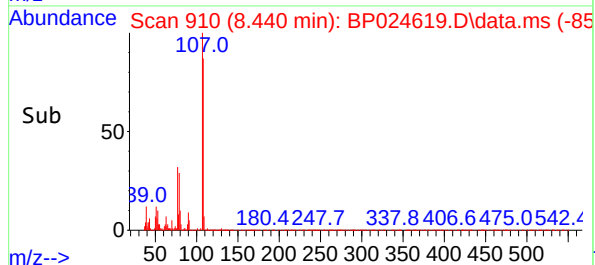
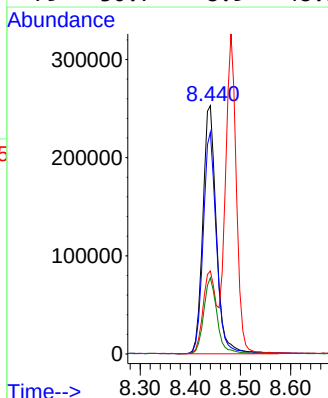
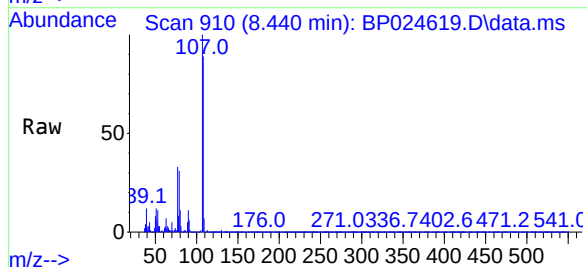
Ion Ratio Lower Upper

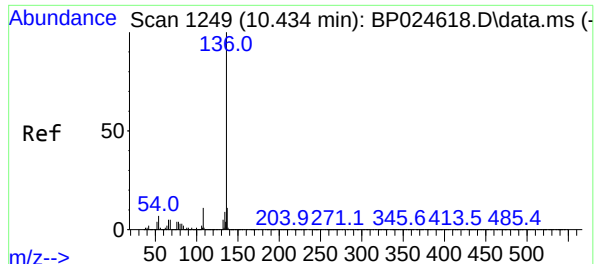
107 100

108 89.3 66.7 106.7

77 33.4 13.1 53.1

79 30.7 8.9 48.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.434 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 489806

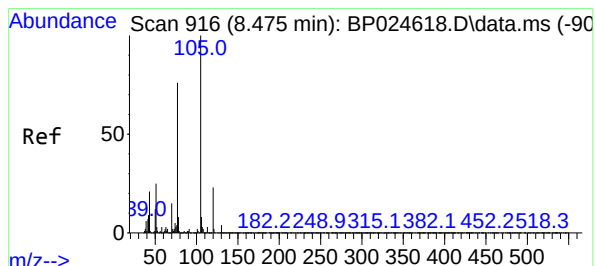
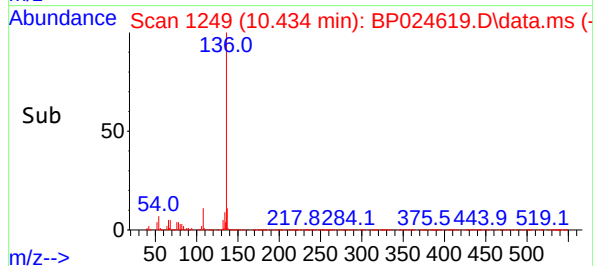
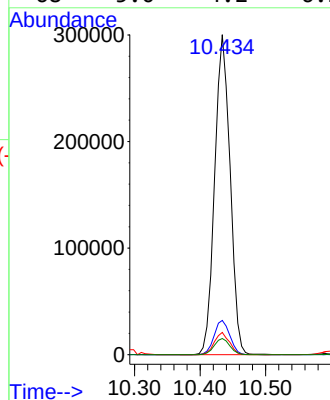
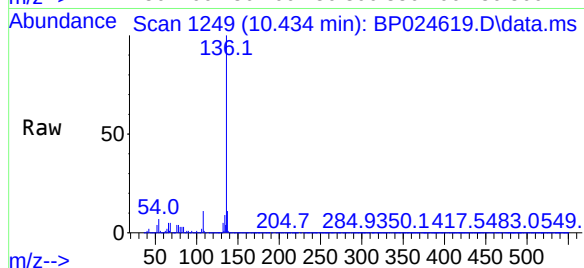
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.0 5.5 8.3

68 5.0 4.2 6.2



#22

Acetophenone

Concen: 53.44 ng

RT: 8.481 min Scan# 917

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:105 Resp: 653878

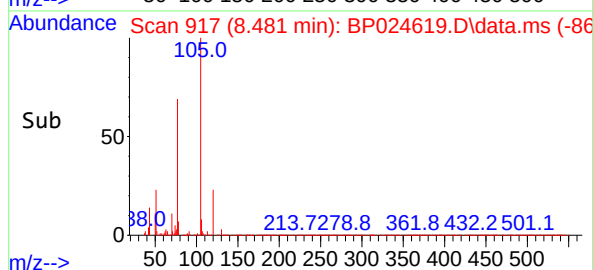
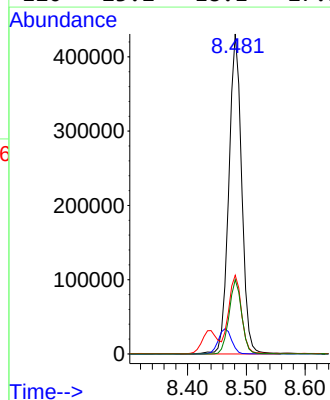
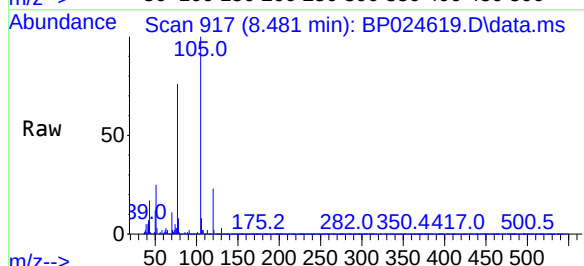
Ion Ratio Lower Upper

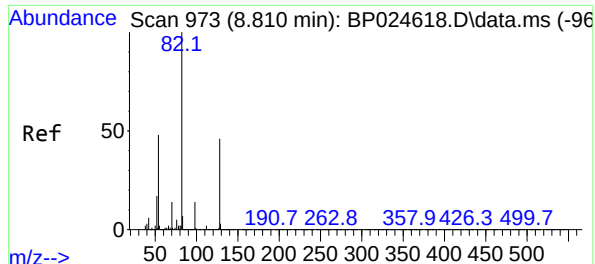
105 100

71 1.9 2.0 3.0

51 24.6 20.4 30.6

120 23.2 18.1 27.1





#23

Nitrobenzene-d5

Concen: 108.26 ng

RT: 8.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

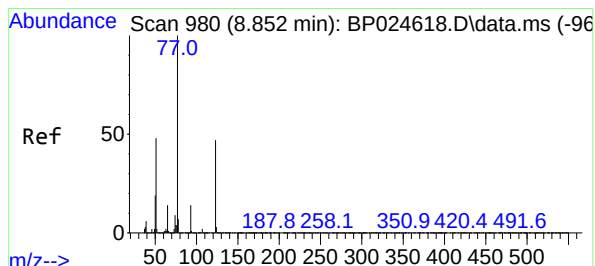
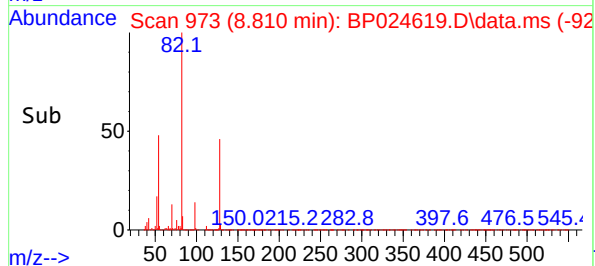
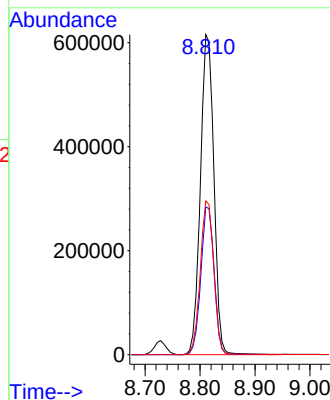
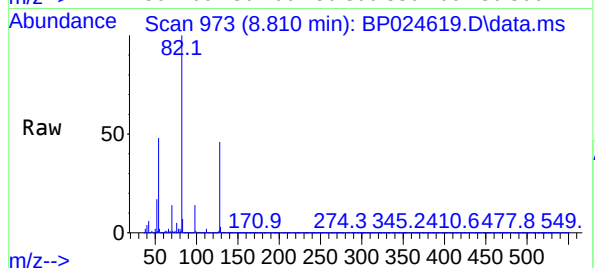
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1049445

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	48.0	38.7	58.1



#24

Nitrobenzene

Concen: 53.56 ng

RT: 8.852 min Scan# 980

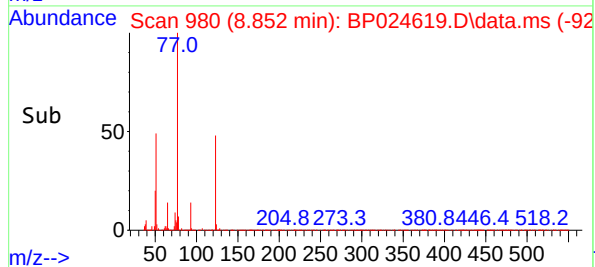
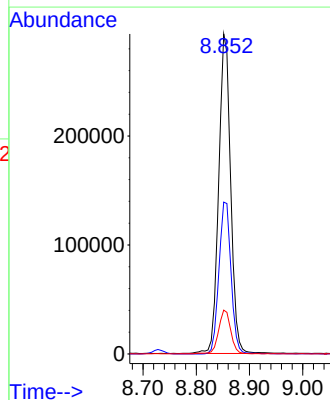
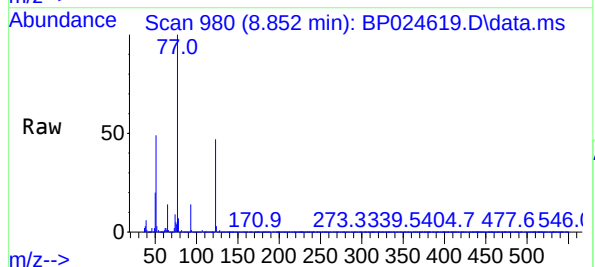
Delta R.T. 0.000 min

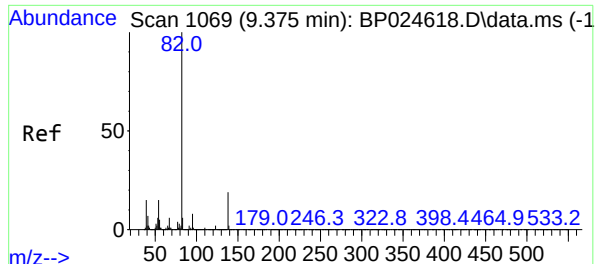
Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion: 77 Resp: 456929

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.4	56.0
65	13.7	11.3	16.9

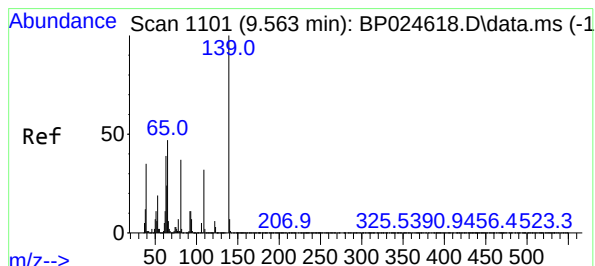
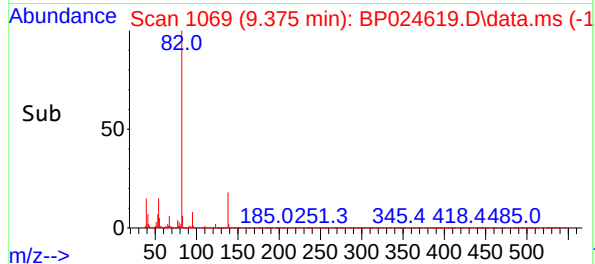
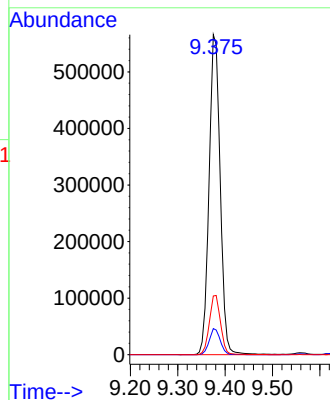
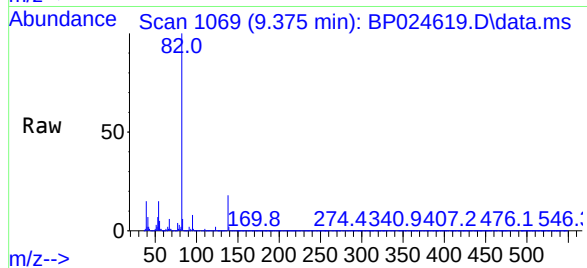




#25
Isophorone
Concen: 54.82 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

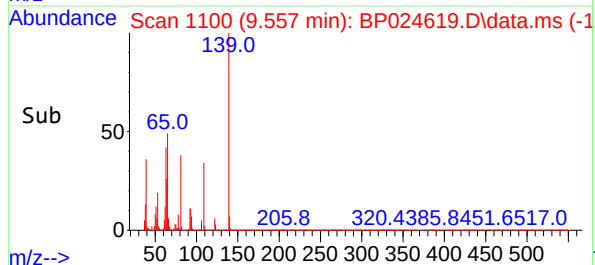
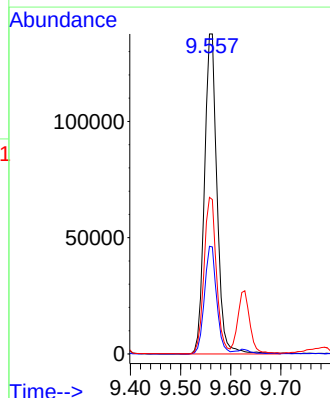
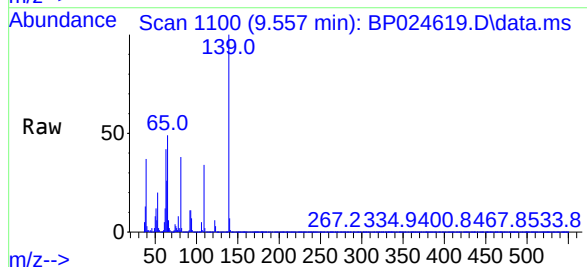
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

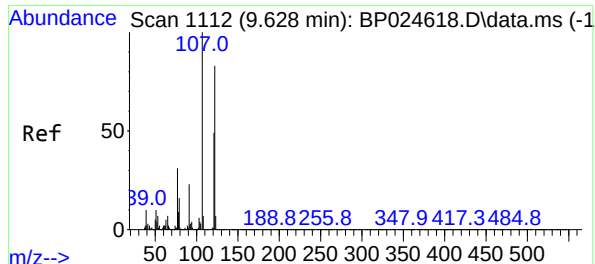
Tgt Ion: 82 Resp: 921892
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 18.3 15.3 22.9



#26
2-Nitrophenol
Concen: 57.38 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 139 Resp: 239844
Ion Ratio Lower Upper
139 100
109 33.6 25.9 38.9
65 49.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 54.62 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

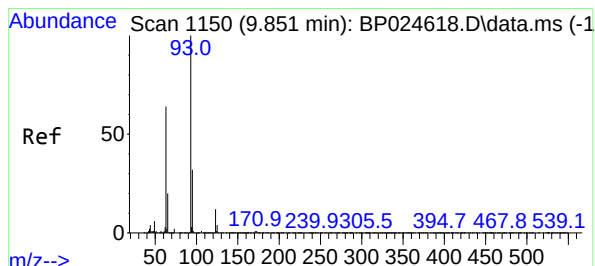
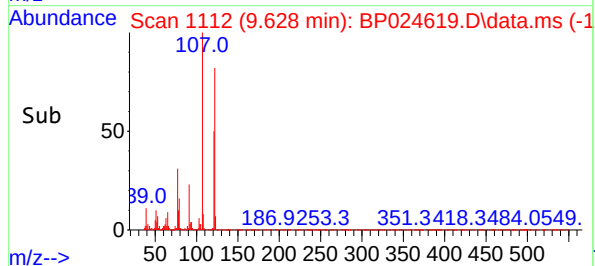
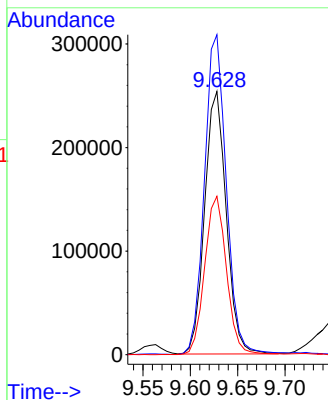
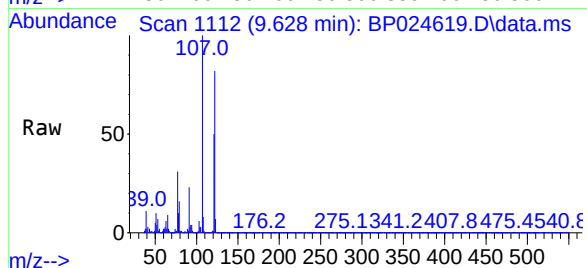
Tgt Ion:122 Resp: 402585

Ion Ratio Lower Upper

122 100

107 121.6 96.2 144.2

121 60.2 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 54.01 ng

RT: 9.852 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

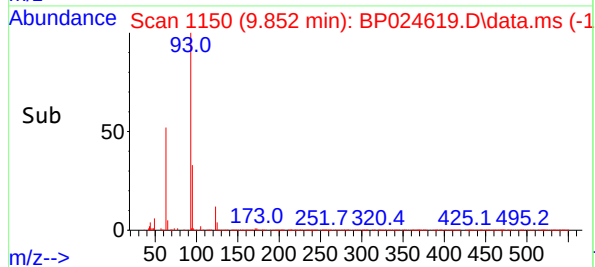
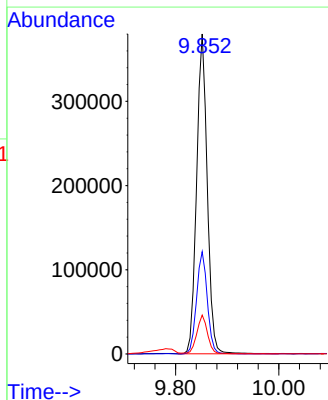
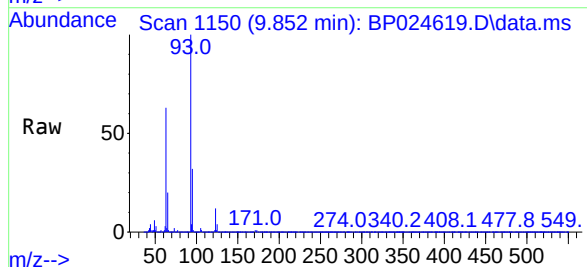
Tgt Ion: 93 Resp: 542581

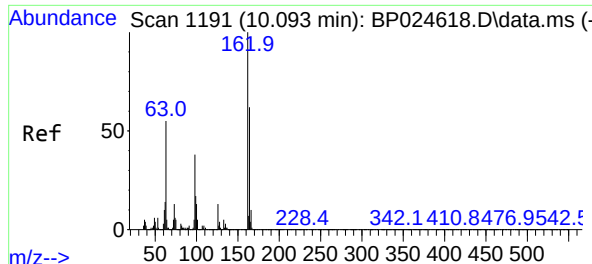
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 56.14 ng

RT: 10.099 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

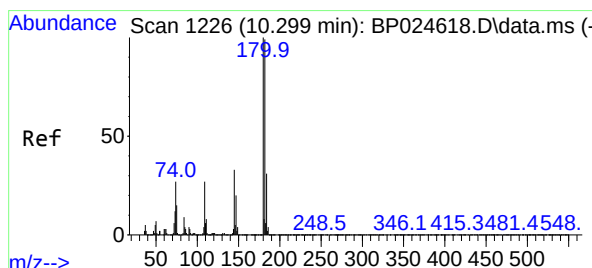
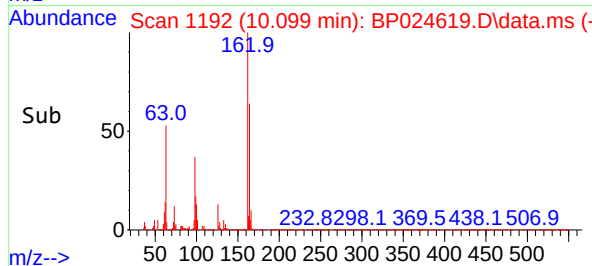
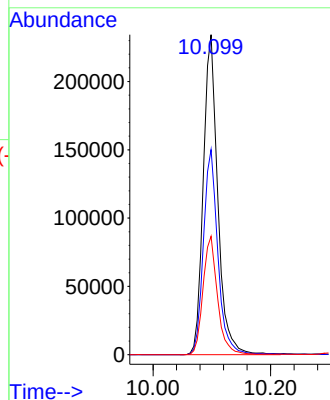
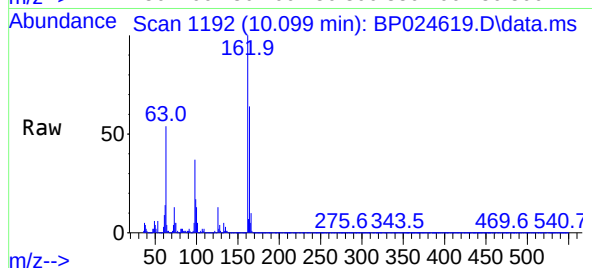
Tgt Ion:162 Resp: 400983

Ion Ratio Lower Upper

162 100

164 64.1 42.3 82.3

98 37.0 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 52.75 ng

RT: 10.299 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

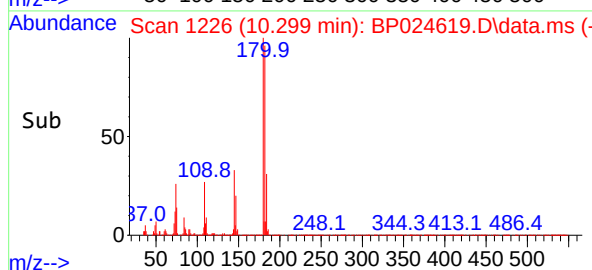
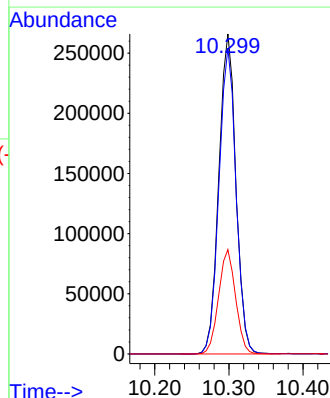
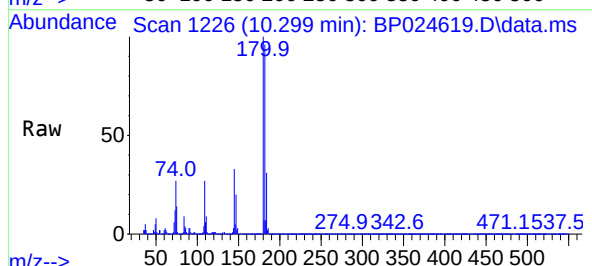
Tgt Ion:180 Resp: 424561

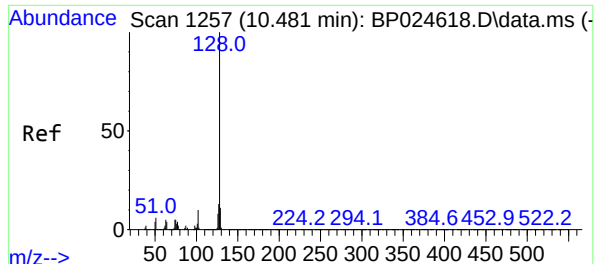
Ion Ratio Lower Upper

180 100

182 95.5 79.0 118.4

145 32.6 26.6 39.8

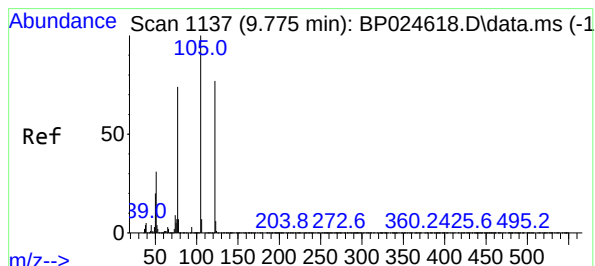
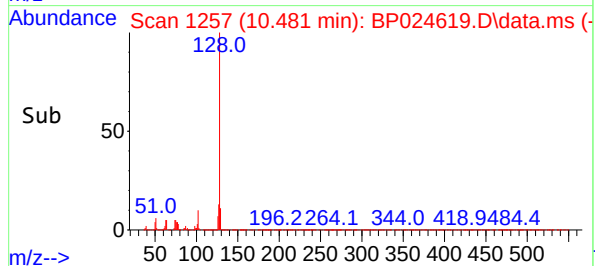
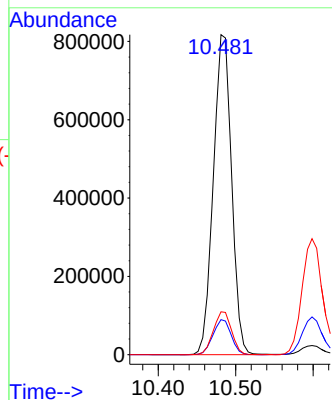
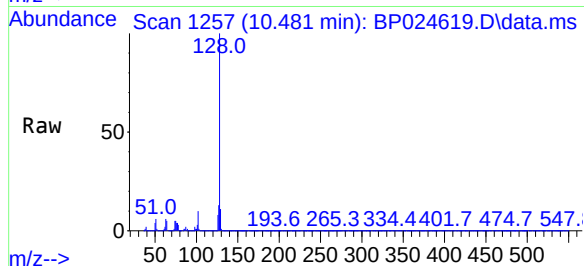




#31
Naphthalene
Concen: 52.65 ng
RT: 10.481 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

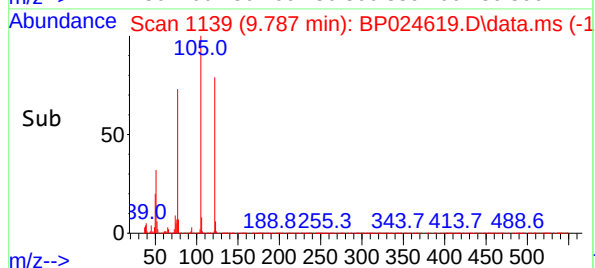
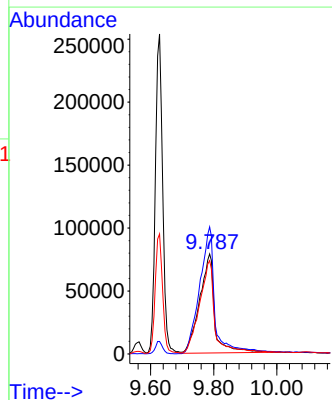
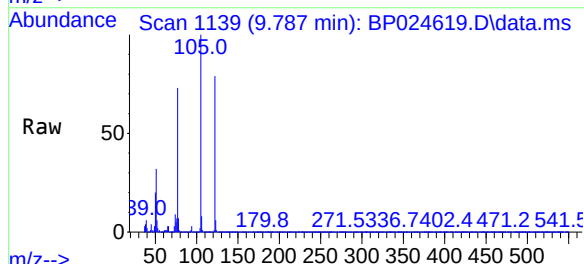
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

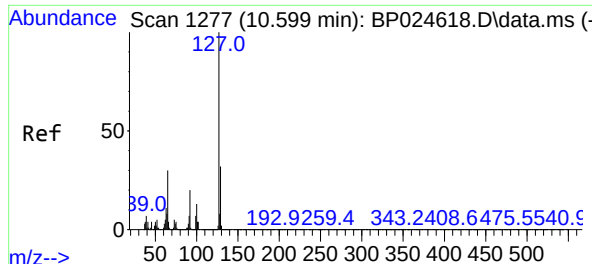
Tgt Ion:128 Resp: 1336265
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 50.71 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:122 Resp: 263657
Ion Ratio Lower Upper
122 100
105 127.2 106.9 146.9
77 93.3 75.1 115.1

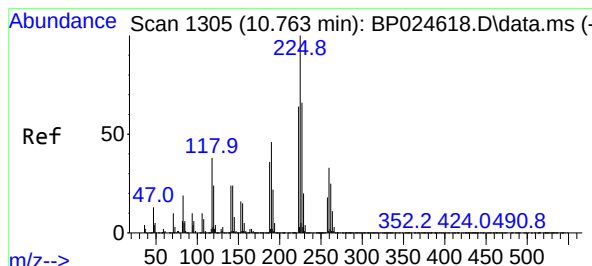
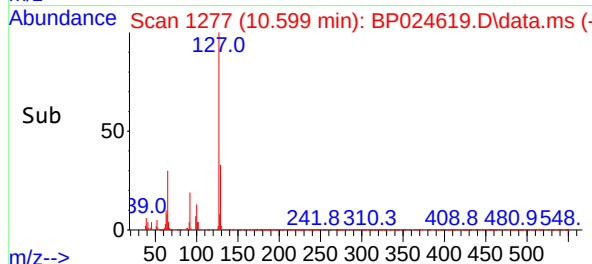
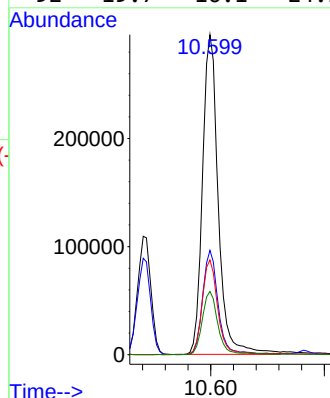
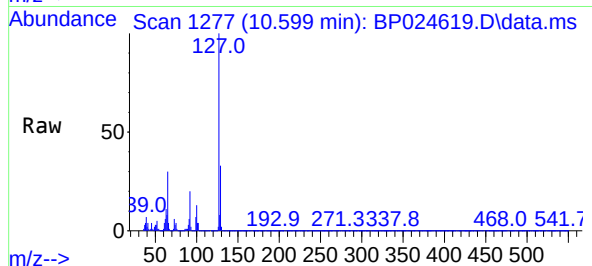




#33
4-Chloroaniline
Concen: 55.63 ng
RT: 10.599 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

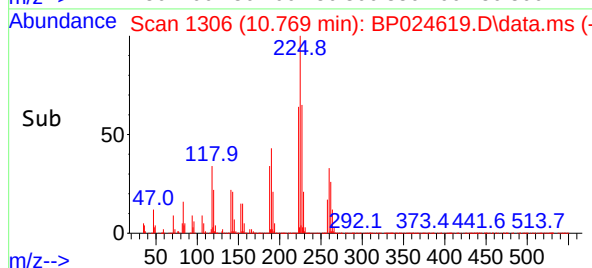
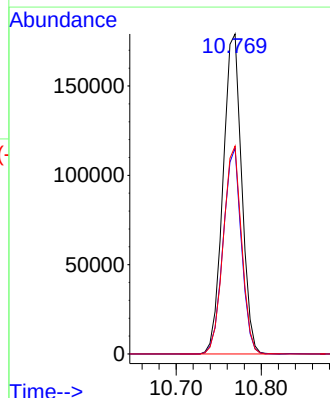
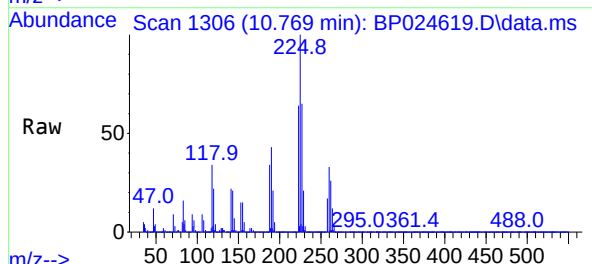
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

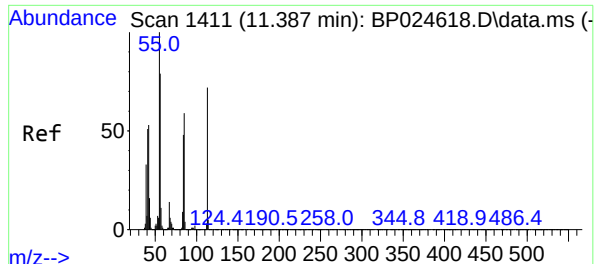
Tgt Ion:	127	Resp:	569812
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	29.6	23.9	35.9
92	19.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 52.09 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:	225	Resp:	271578
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.9	53.1	79.7

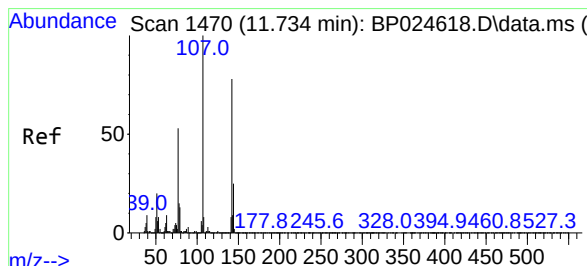
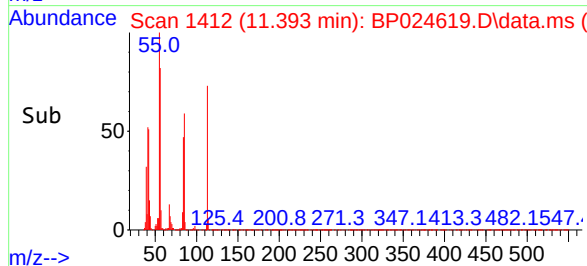
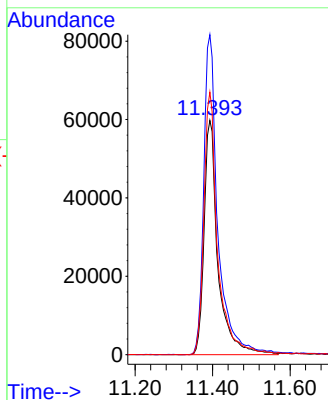
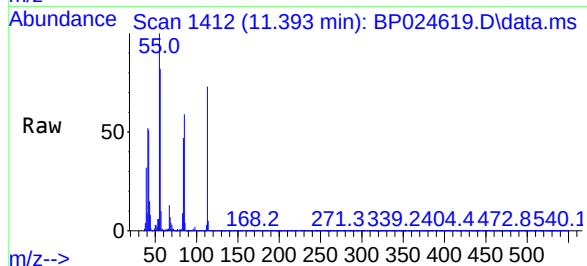




#35
Caprolactam
Concen: 57.53 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

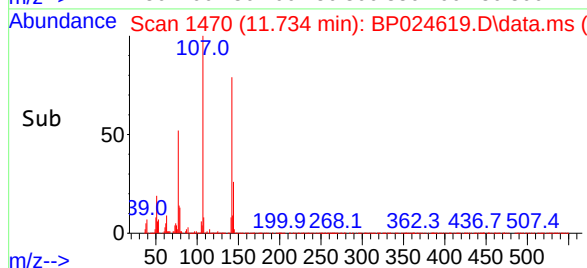
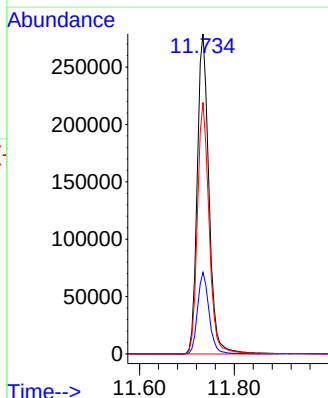
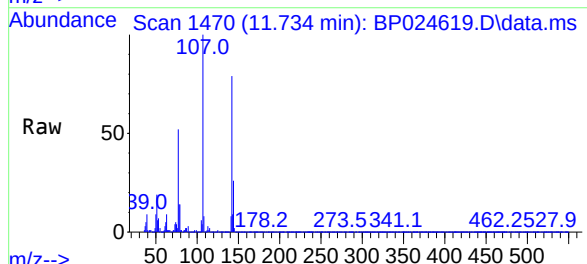
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

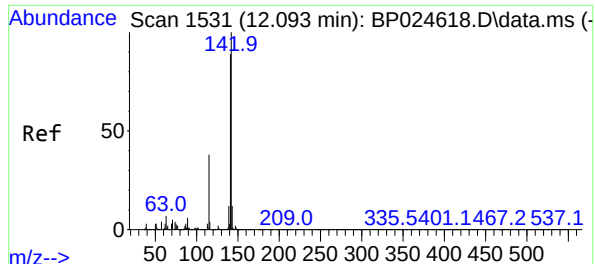
Tgt Ion:113 Resp: 148586
Ion Ratio Lower Upper
113 100
55 136.6 119.0 159.0
56 112.0 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 54.97 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:107 Resp: 478787
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 78.6 62.1 93.1

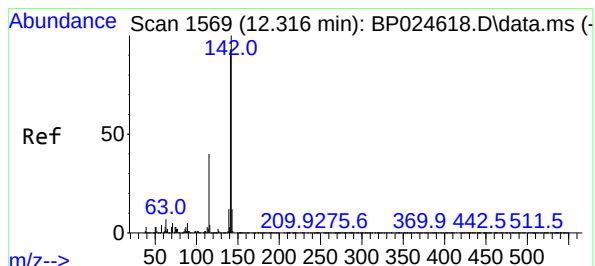
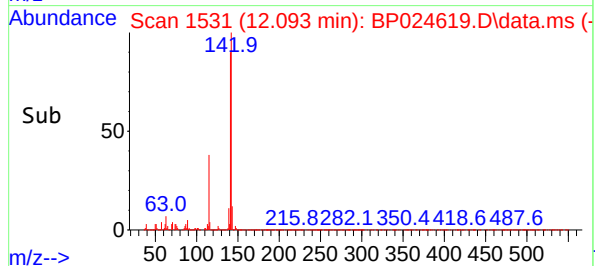
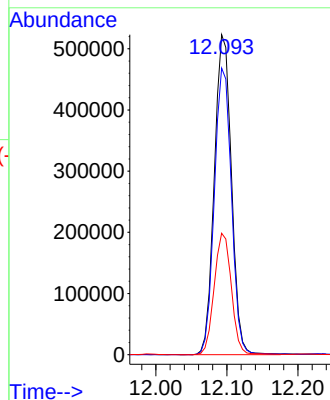
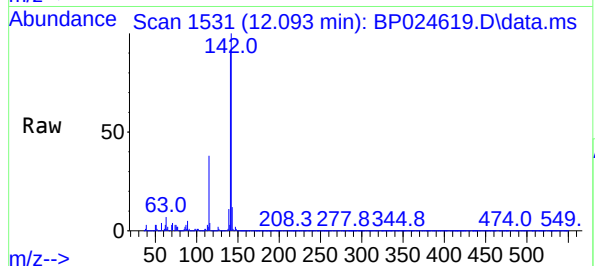




#37
2-Methylnaphthalene
Concen: 53.13 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

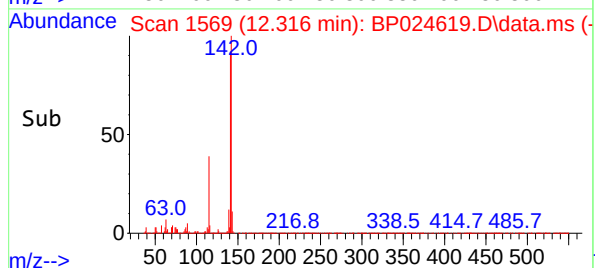
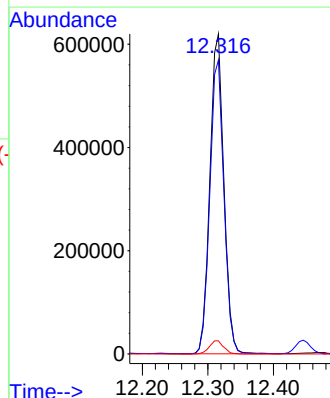
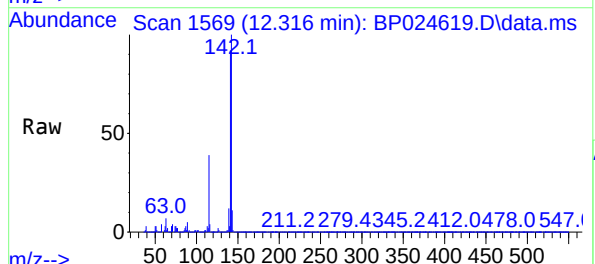
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

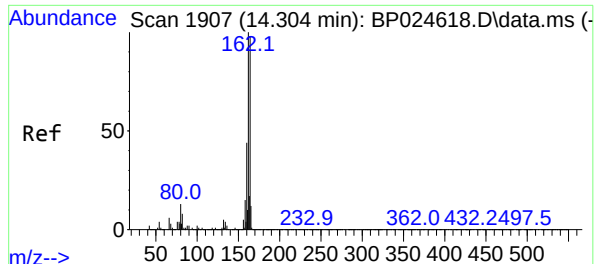
Tgt Ion:142 Resp: 873274
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8
115 37.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 52.31 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:142 Resp: 919827
Ion Ratio Lower Upper
142 100
141 91.9 74.7 112.1
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDIC050

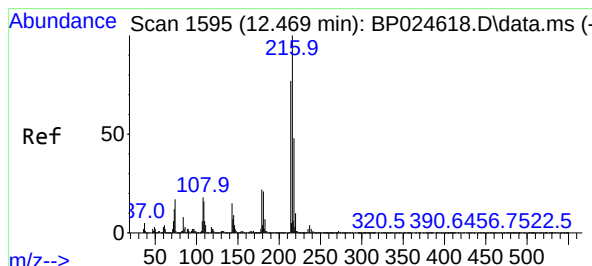
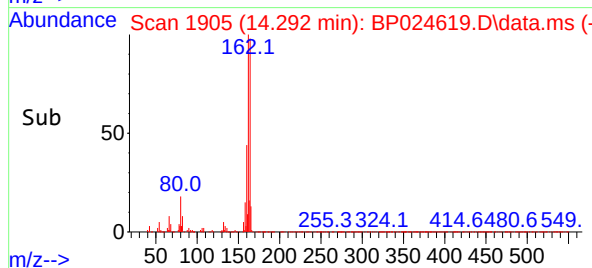
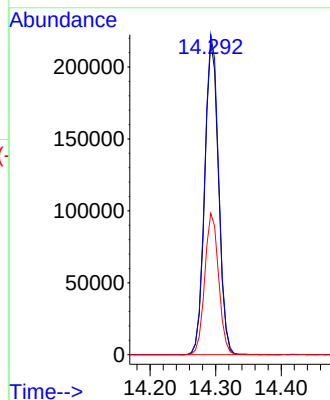
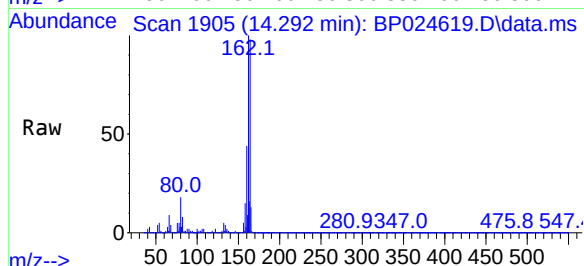
Tgt Ion:164 Resp: 318760

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 45.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.78 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:216 Resp: 497848

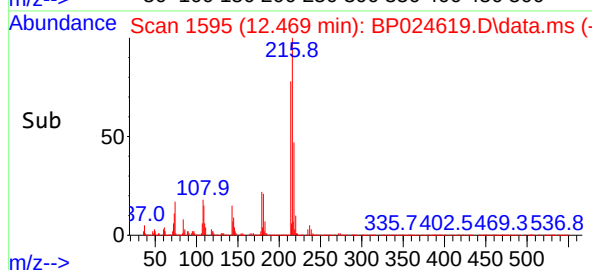
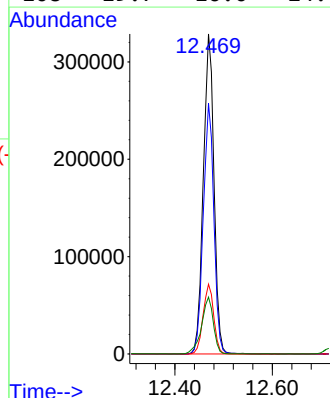
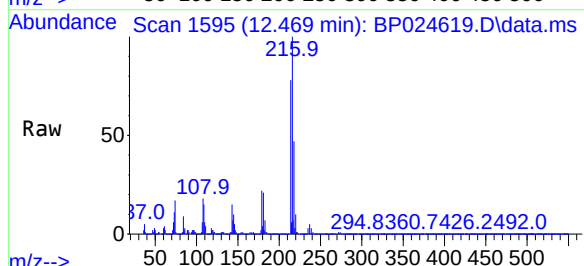
Ion Ratio Lower Upper

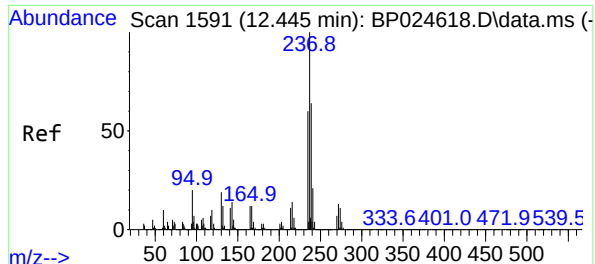
216 100

214 78.0 62.3 93.5

179 21.9 17.7 26.5

108 19.7 16.0 24.0

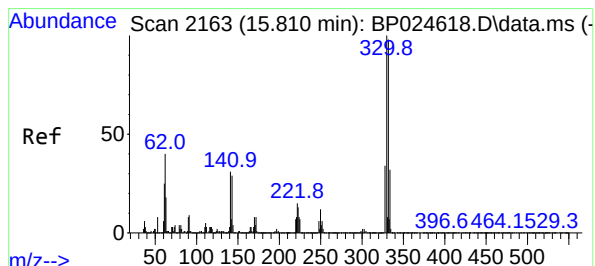
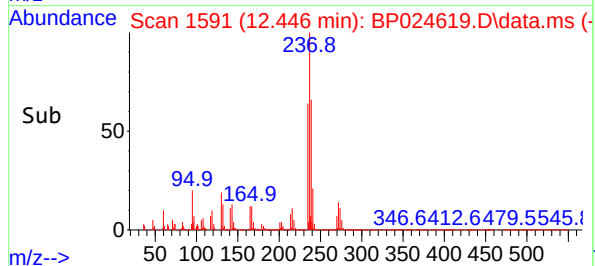
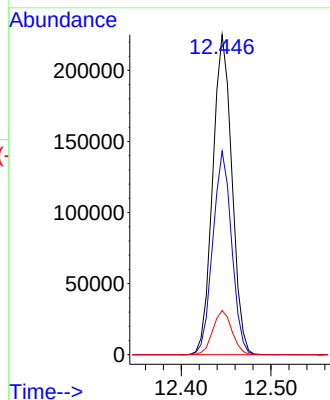
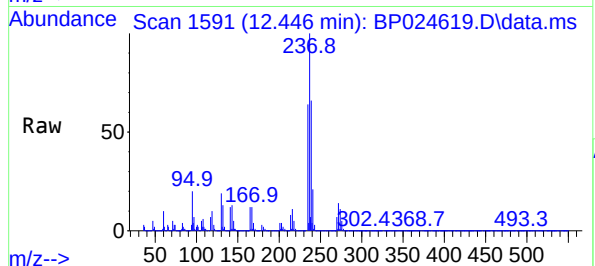




#41
Hexachlorocyclopentadiene
Concen: 59.64 ng
RT: 12.446 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

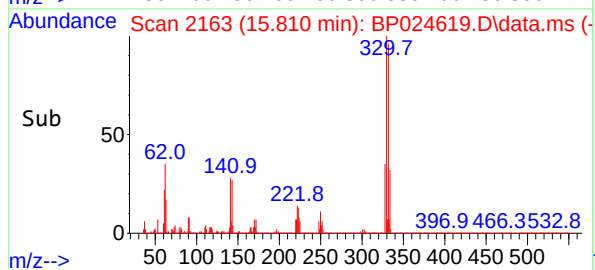
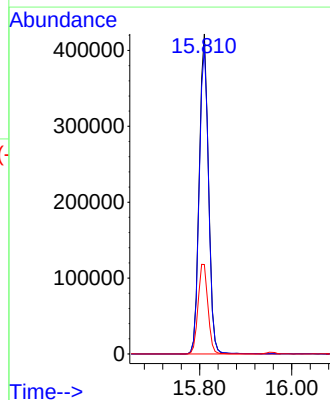
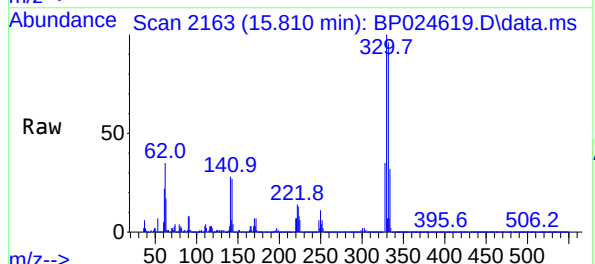
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

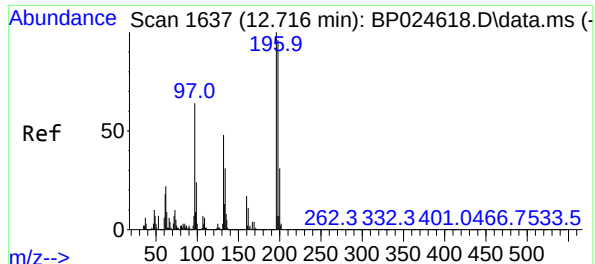
Tgt Ion:237 Resp: 334752
Ion Ratio Lower Upper
237 100
235 63.6 39.9 79.9
272 13.8 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 108.72 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:330 Resp: 587523
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 29.7 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 56.89 ng

RT: 12.716 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

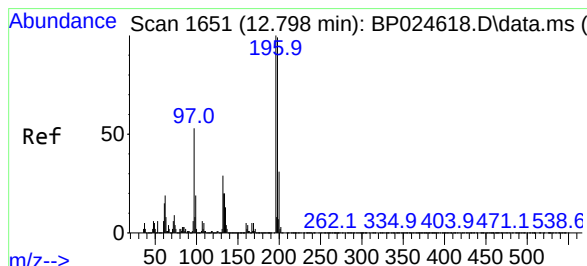
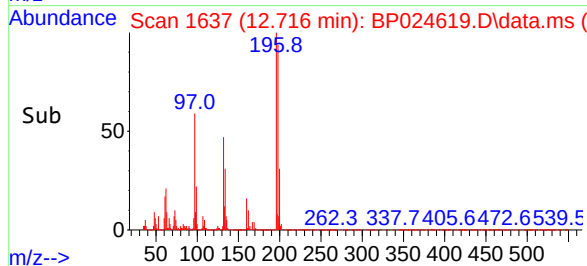
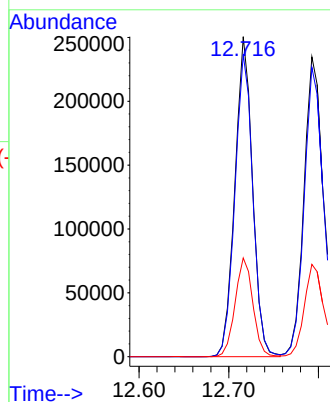
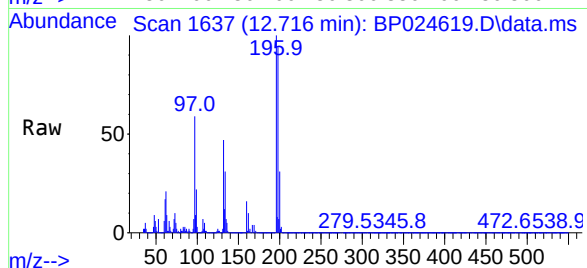
Tgt Ion:196 Resp: 341059

Ion Ratio Lower Upper

196 100

198 94.5 76.9 115.3

200 30.9 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 56.24 ng

RT: 12.793 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:196 Resp: 375330

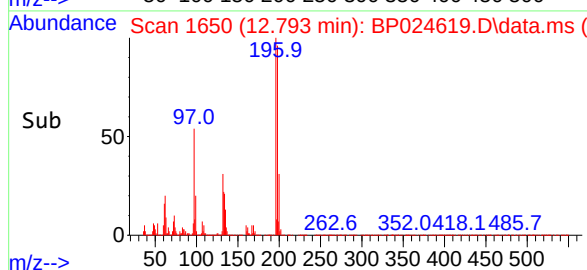
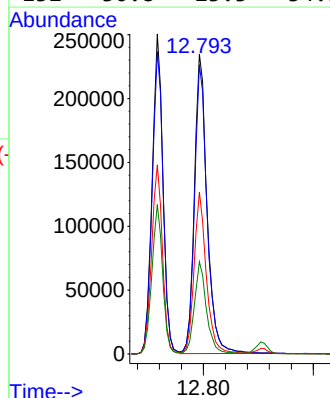
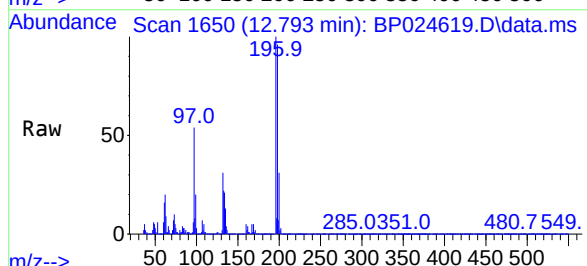
Ion Ratio Lower Upper

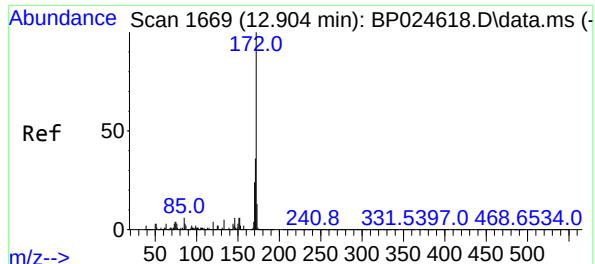
196 100

198 96.5 79.2 118.8

97 54.0 42.3 63.5

132 30.8 23.3 34.9

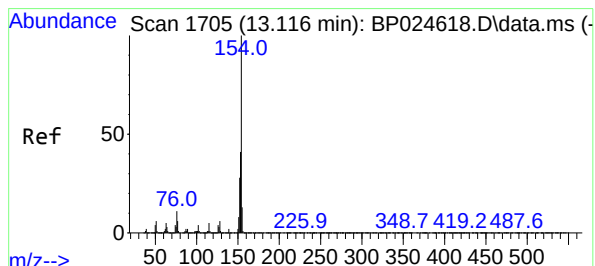
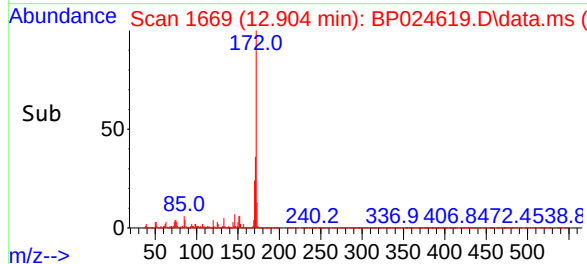
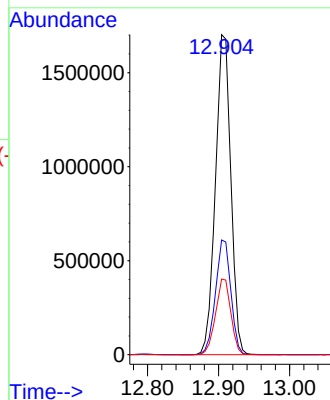
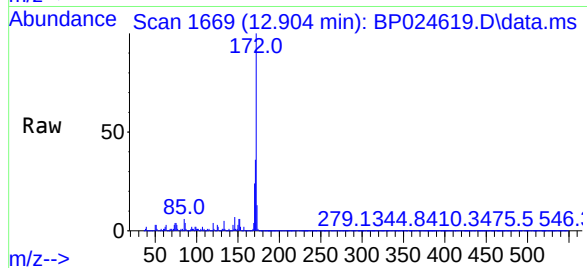




#45
2-Fluorobiphenyl
Concen: 104.96 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

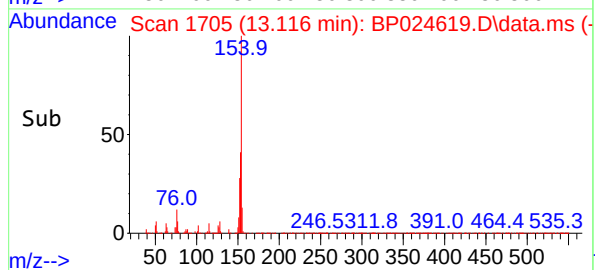
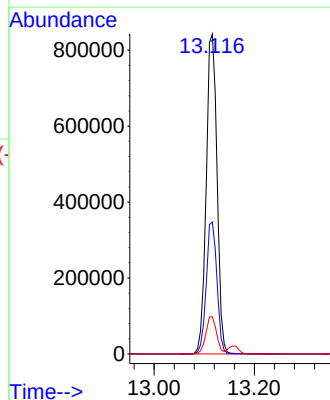
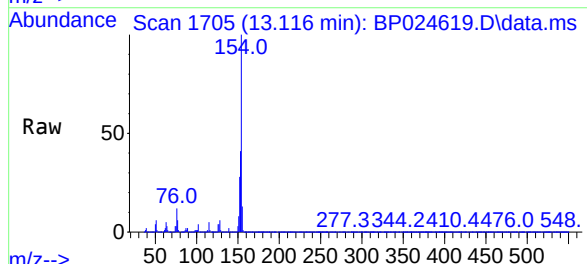
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

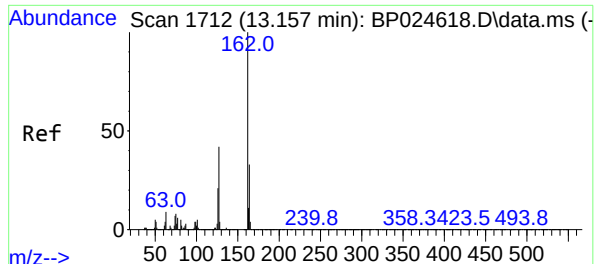
Tgt Ion:172 Resp: 2553765
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 53.64 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:154 Resp: 1263640
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 11.6 0.0 31.5





#47

2-Chloronaphthalene

Concen: 53.04 ng

RT: 13.157 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

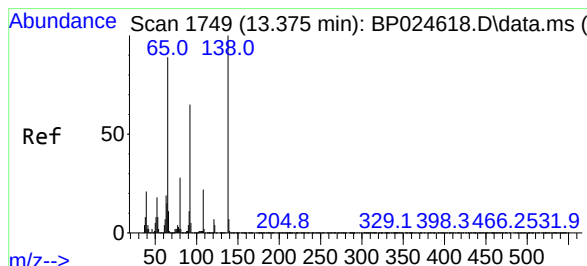
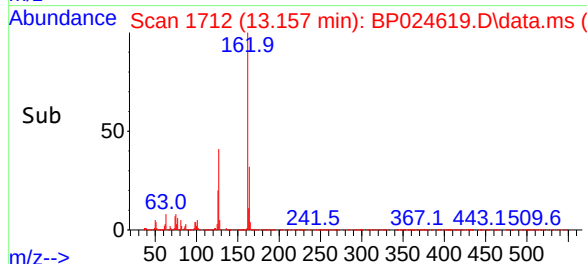
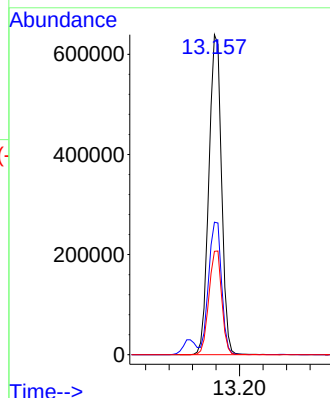
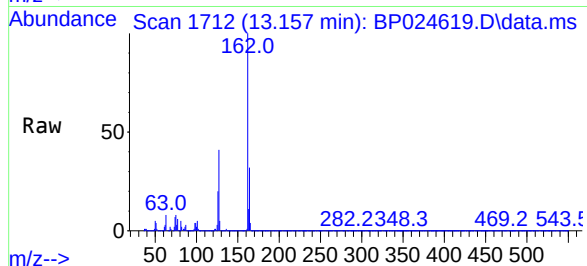
Tgt Ion:162 Resp: 952857

Ion Ratio Lower Upper

162 100

127 41.4 33.8 50.6

164 32.3 26.0 39.0



#48

2-Nitroaniline

Concen: 57.06 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

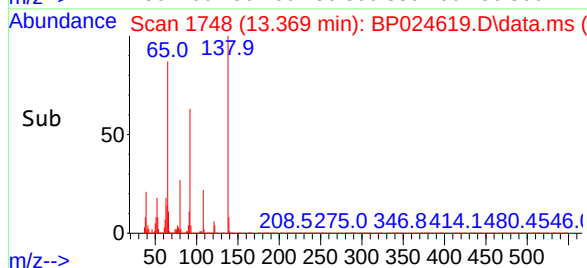
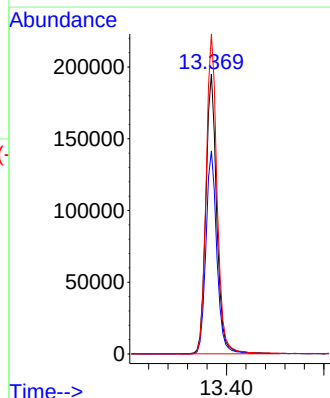
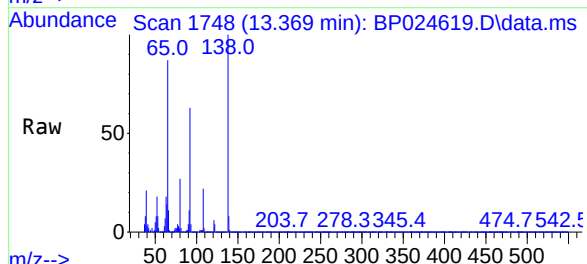
Tgt Ion: 65 Resp: 303475

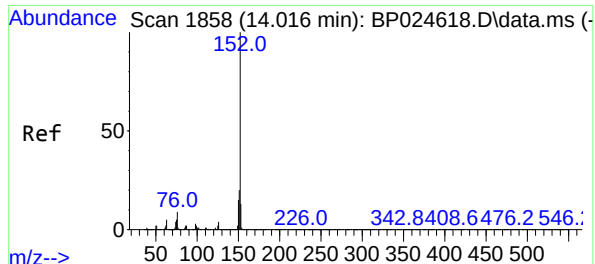
Ion Ratio Lower Upper

65 100

92 72.5 58.7 88.1

138 114.3 90.2 135.2





#49

Acenaphthylene

Concen: 53.79 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

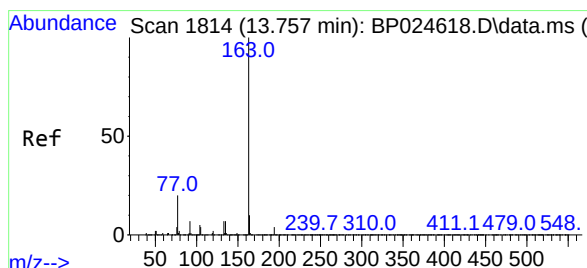
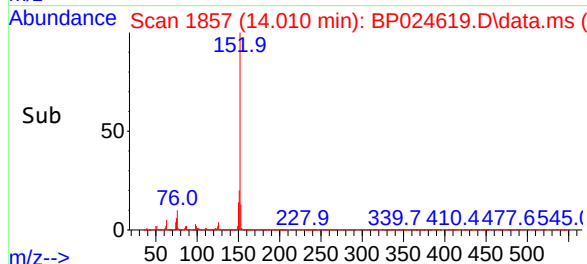
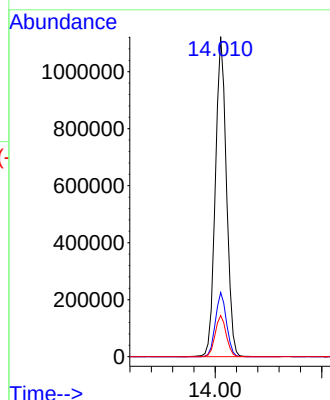
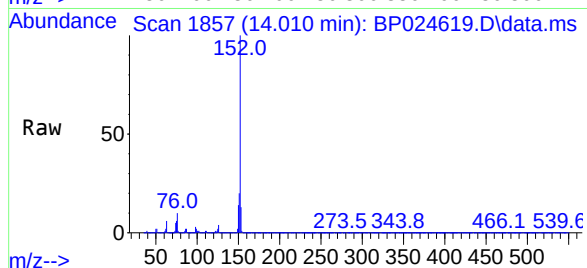
Tgt Ion:152 Resp: 1616938

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 12.9 10.2 15.4



#50

Dimethylphthalate

Concen: 52.83 ng

RT: 13.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

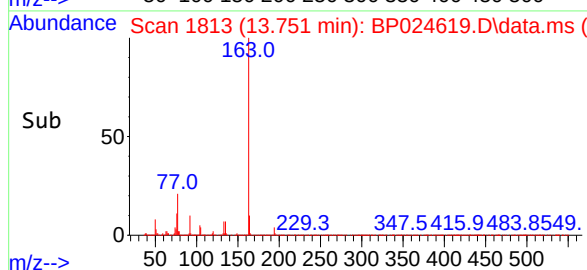
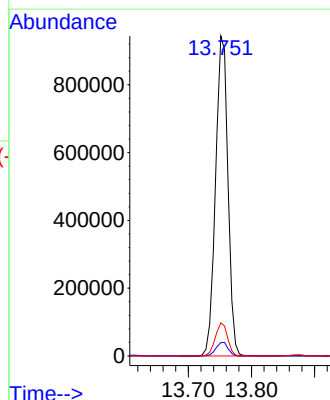
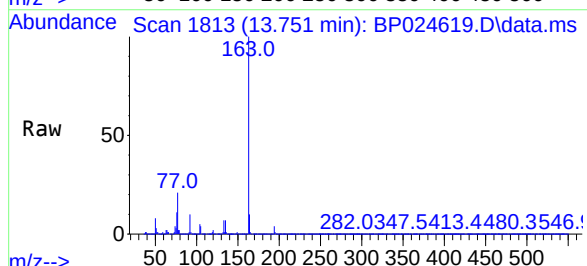
Tgt Ion:163 Resp: 1283491

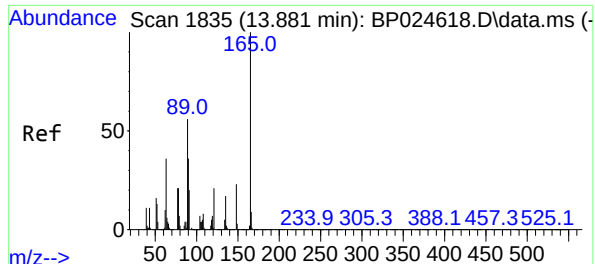
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 54.91 ng

RT: 13.875 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

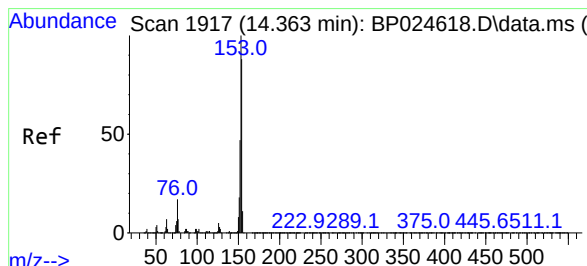
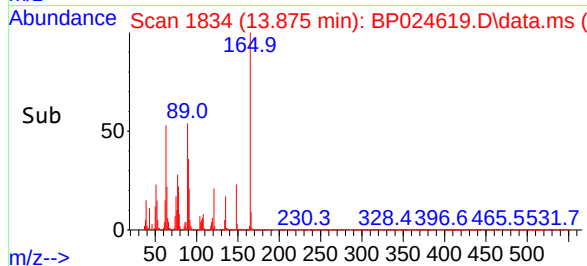
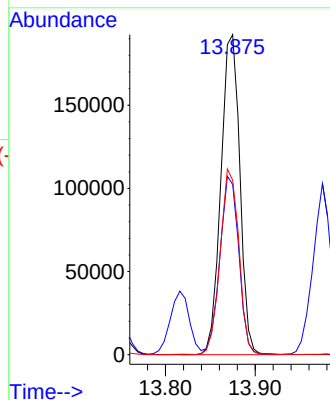
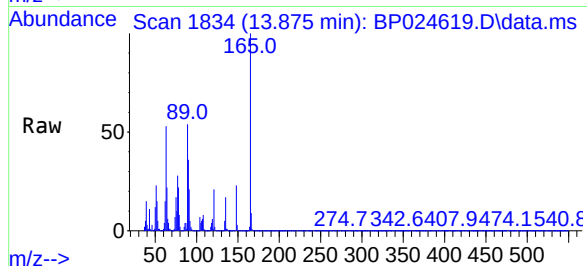
Tgt Ion:165 Resp: 281728

Ion Ratio Lower Upper

165 100

63 53.2 42.4 63.6

89 54.5 44.8 67.2



#52

Acenaphthene

Concen: 53.42 ng

RT: 14.357 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

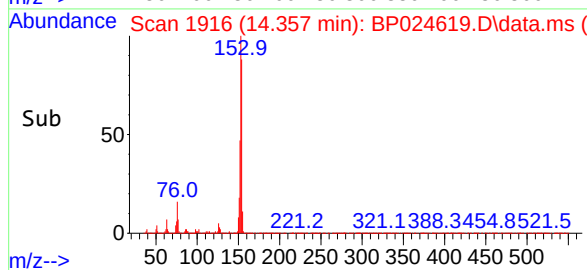
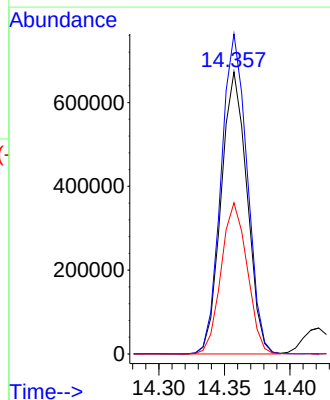
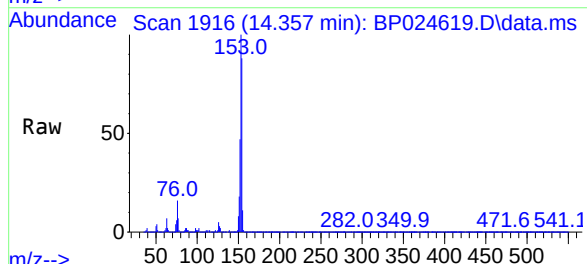
Tgt Ion:154 Resp: 923238

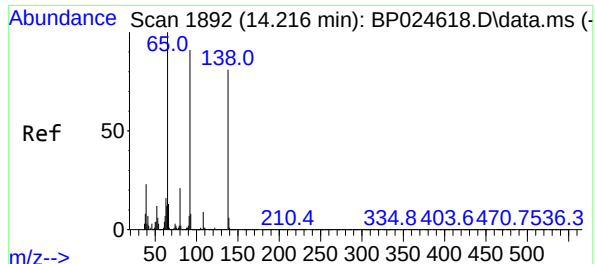
Ion Ratio Lower Upper

154 100

153 113.5 91.0 136.4

152 53.6 42.9 64.3

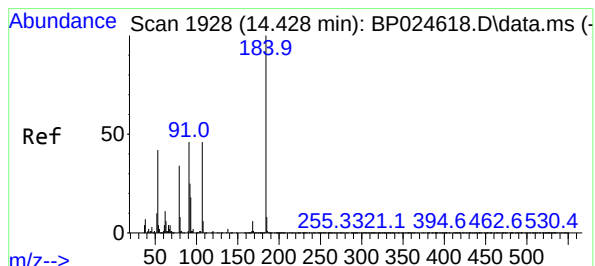
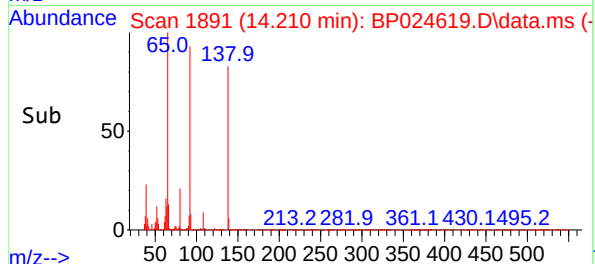
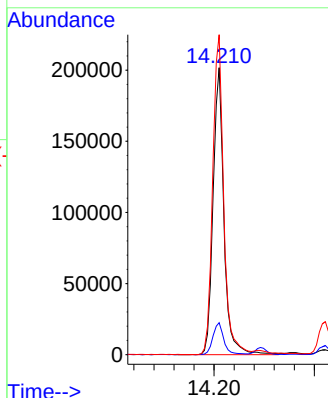
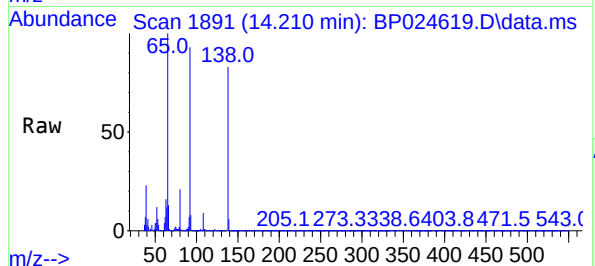




#53
3-Nitroaniline
Concen: 57.71 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

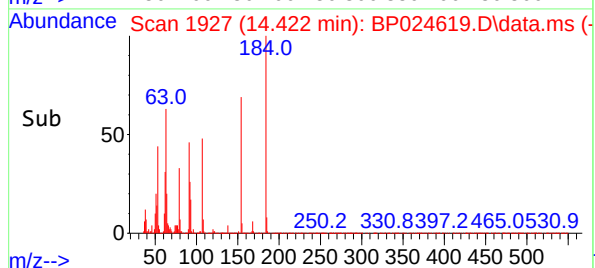
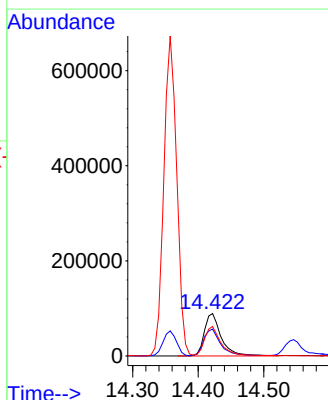
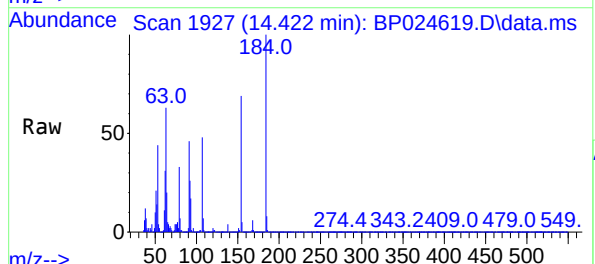
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

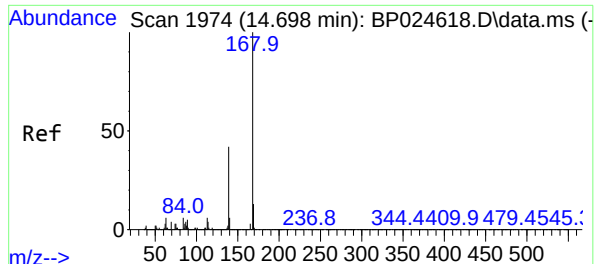
Tgt Ion:138 Resp: 302341
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 111.5 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 51.86 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:184 Resp: 159888
Ion Ratio Lower Upper
184 100
63 63.3 51.3 76.9
154 69.3 53.5 80.3

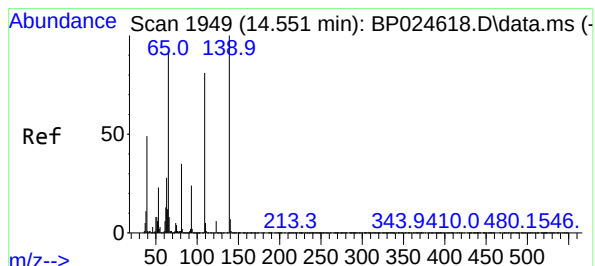
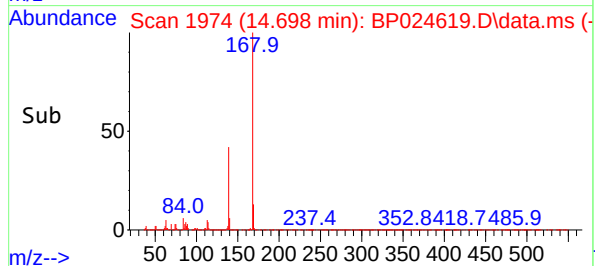
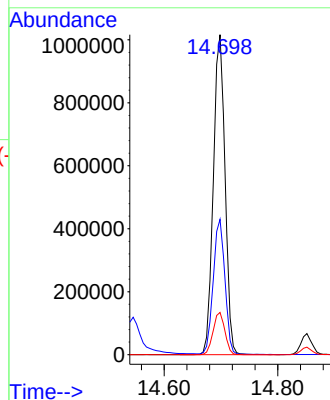
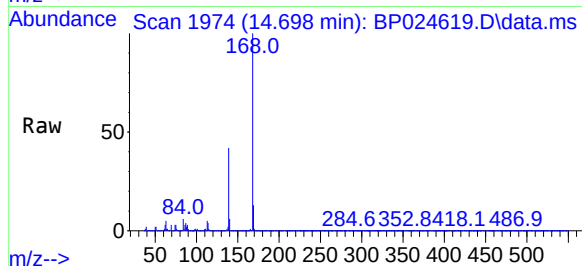




#55
Dibenzofuran
Concen: 52.50 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

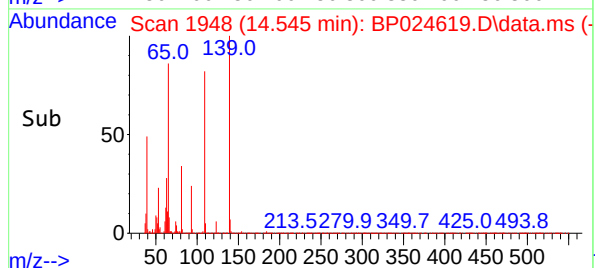
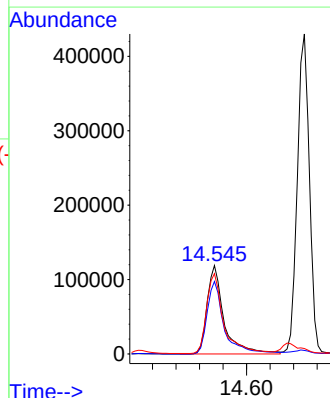
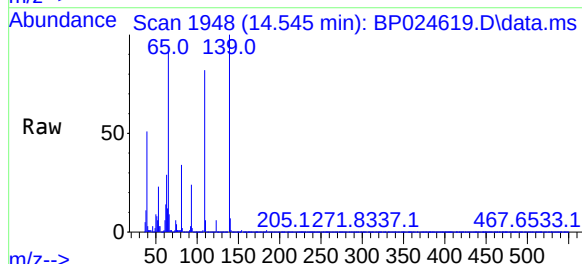
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

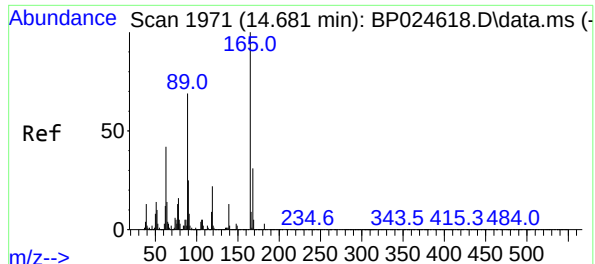
Tgt Ion:168 Resp: 1447333
Ion Ratio Lower Upper
168 100
139 42.3 34.2 51.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 53.99 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:139 Resp: 238294
Ion Ratio Lower Upper
139 100
109 82.0 61.4 101.4
65 90.8 72.2 112.2

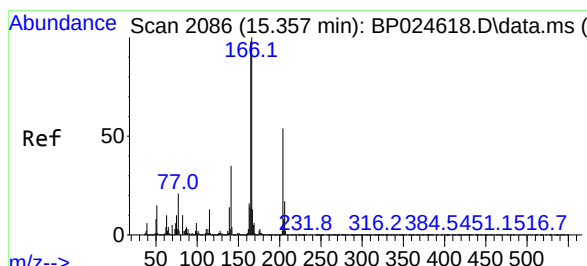
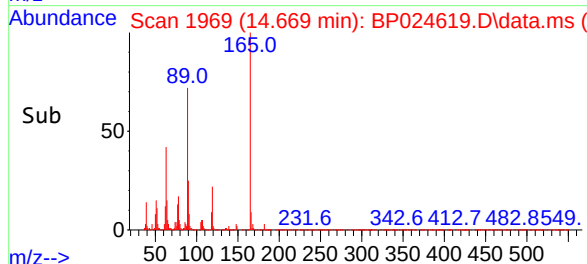
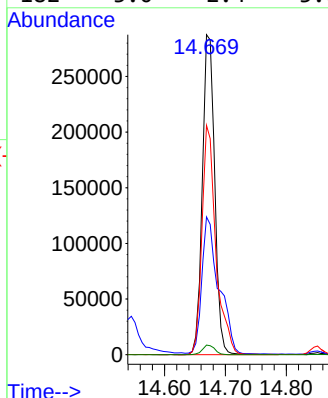
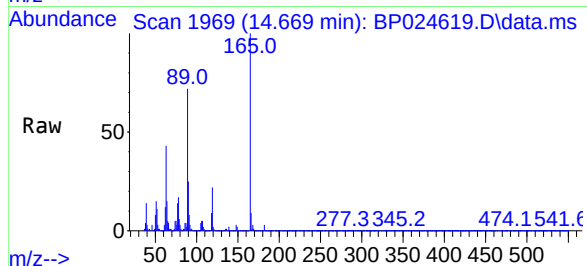




#57
2,4-Dinitrotoluene
Concen: 55.94 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

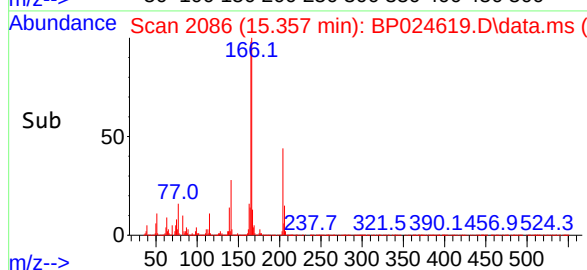
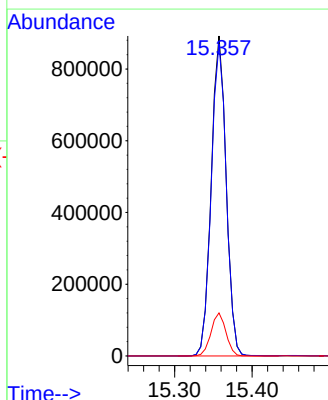
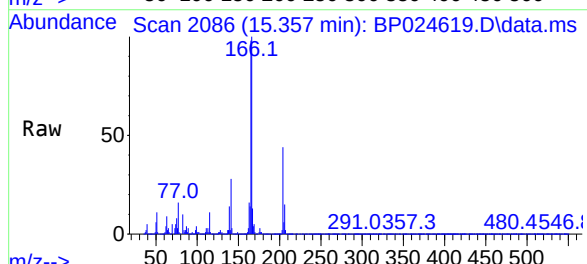
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

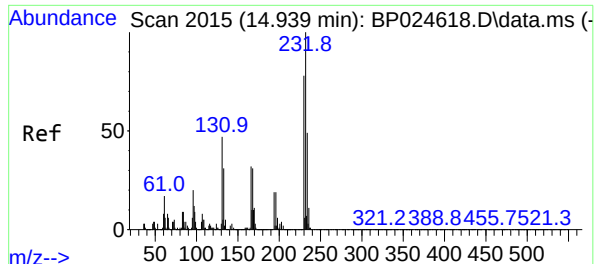
Tgt Ion:165 Resp: 404684
Ion Ratio Lower Upper
165 100
63 43.0 33.8 50.6
89 71.7 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 52.97 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:166 Resp: 1190632
Ion Ratio Lower Upper
166 100
165 97.5 78.5 117.7
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.11 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 341204

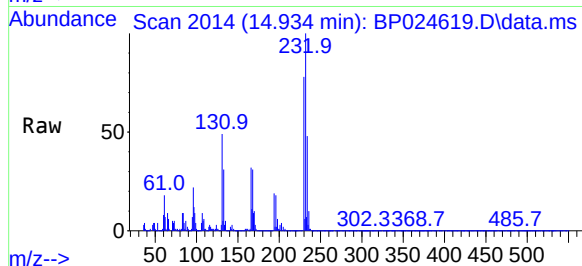
Ion Ratio Lower Upper

232 100

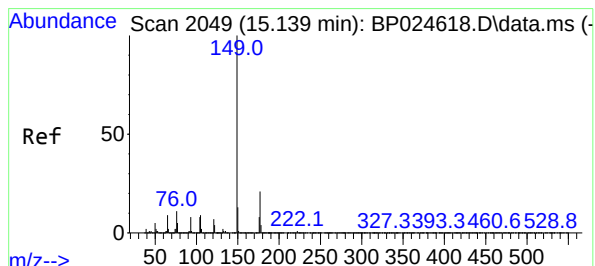
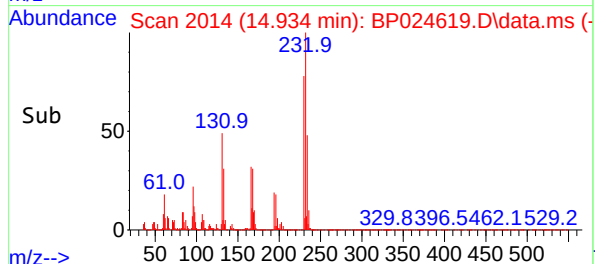
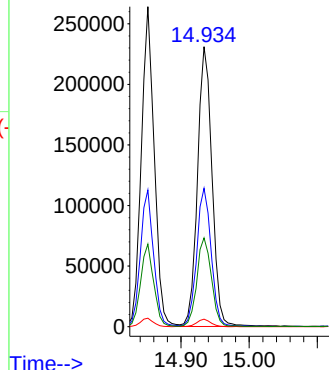
131 49.3 39.5 59.3

130 2.6 2.2 3.4

166 31.8 25.7 38.5



Abundance



#60

Diethylphthalate

Concen: 53.18 ng

RT: 15.134 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

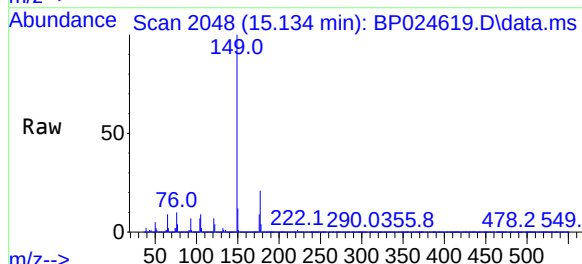
Tgt Ion:149 Resp: 1305791

Ion Ratio Lower Upper

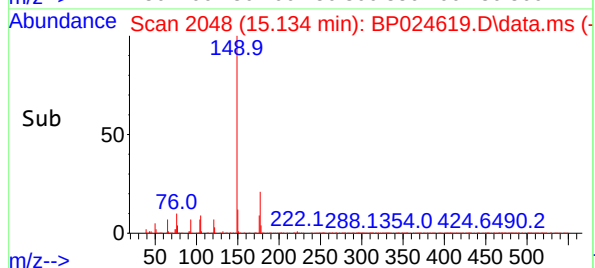
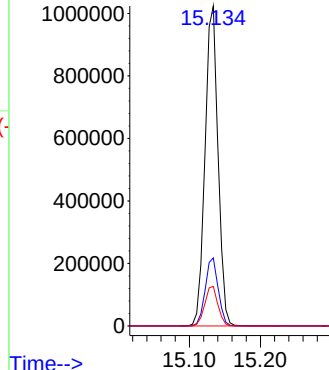
149 100

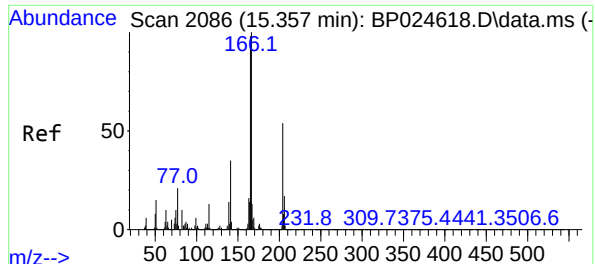
177 21.3 16.7 25.1

150 12.3 10.2 15.2



Abundance

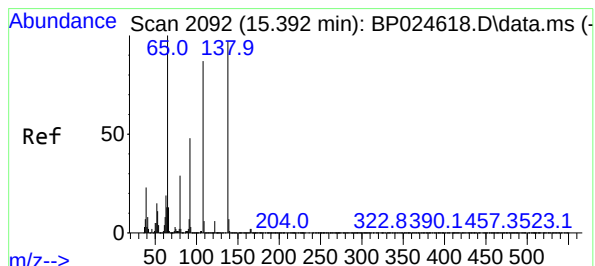
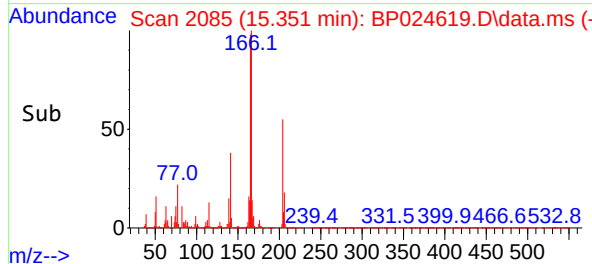
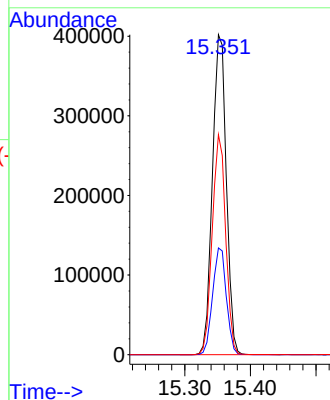
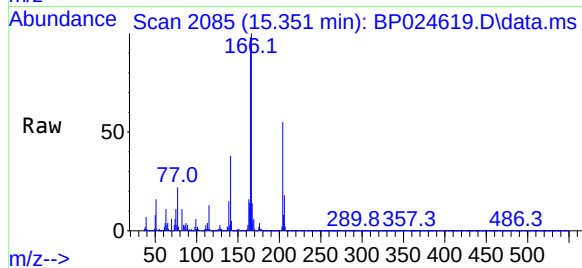




#61
4-Chlorophenyl-phenylether
Concen: 52.67 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

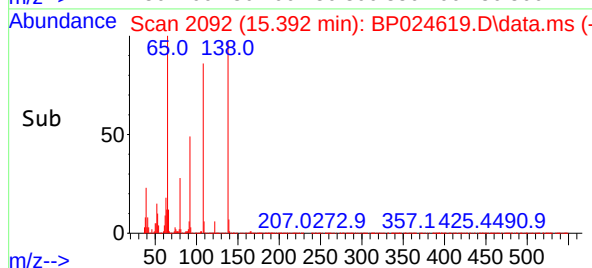
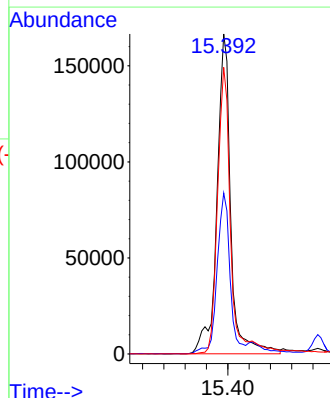
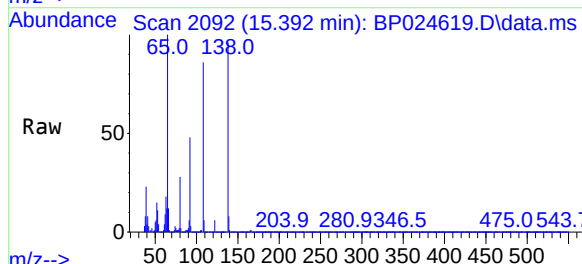
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

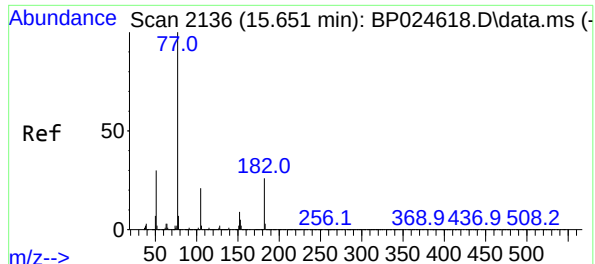
Tgt Ion:204 Resp: 590421
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 68.7 52.9 79.3



#62
4-Nitroaniline
Concen: 58.55 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:138 Resp: 298681
Ion Ratio Lower Upper
138 100
92 50.3 29.2 69.2
108 89.6 69.0 109.0

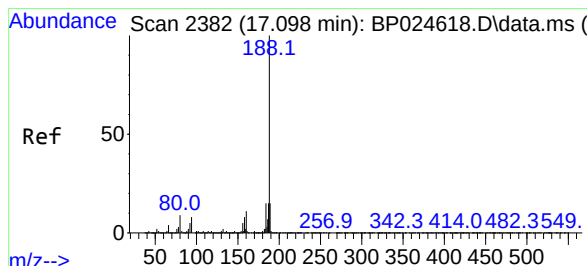
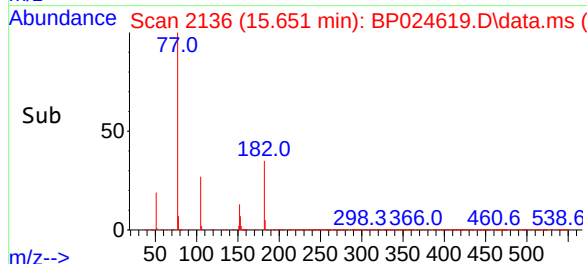
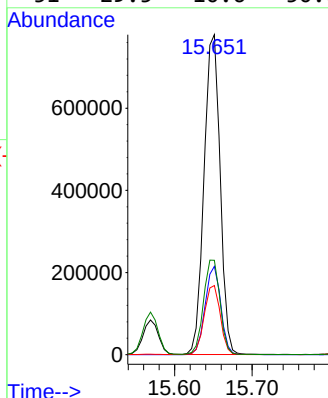
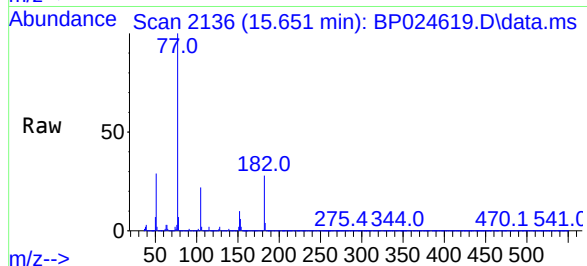




#63
Azobenzene
Concen: 53.39 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

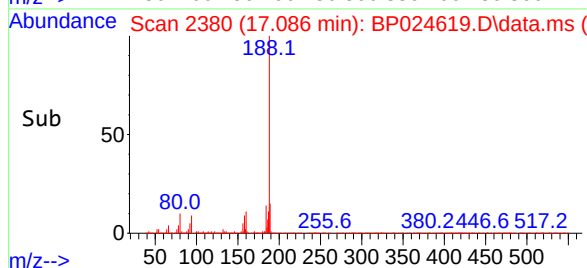
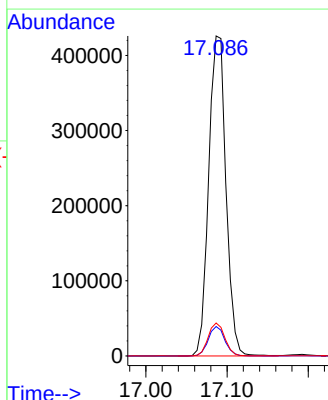
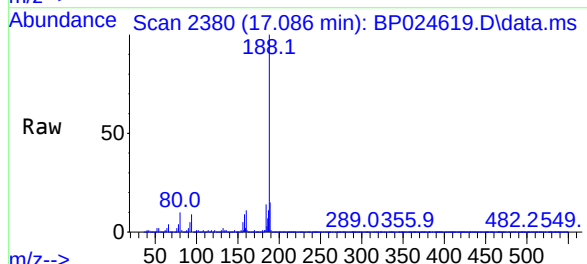
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

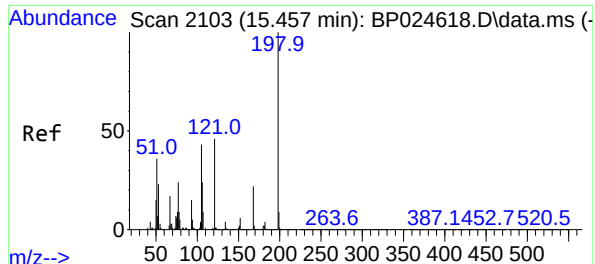
Tgt Ion: 77 Resp: 1121556
Ion Ratio Lower Upper
77 100
182 27.6 5.7 45.7
105 21.6 1.3 41.3
51 29.5 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 188 Resp: 628781
Ion Ratio Lower Upper
188 100
94 9.2 6.5 9.7
80 10.3 7.3 10.9





#65

4,6-Dinitro-2-methylphenol

Concen: 57.64 ng

RT: 15.451 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

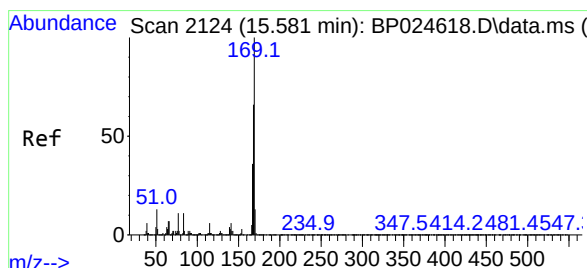
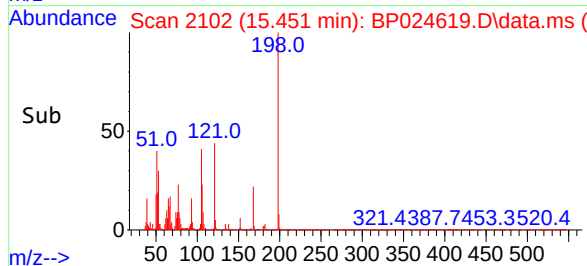
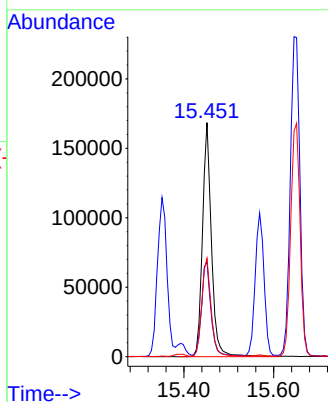
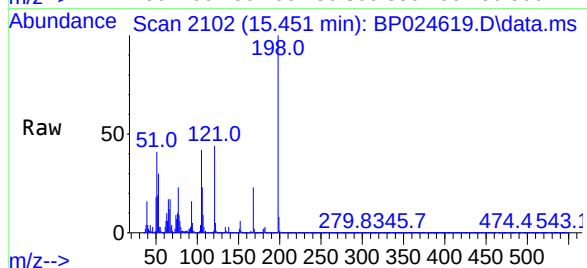
Tgt Ion:198 Resp: 234095

Ion Ratio Lower Upper

198 100

51 40.5 21.1 61.1

105 42.1 23.6 63.6



#66

n-Nitrosodiphenylamine

Concen: 54.28 ng

RT: 15.569 min Scan# 2122

Delta R.T. -0.012 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

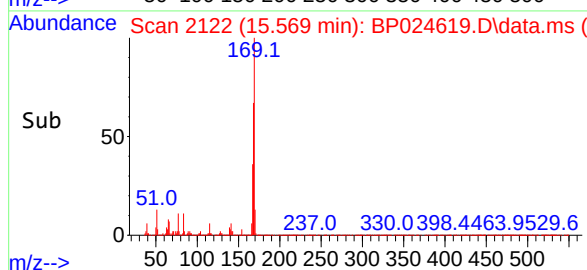
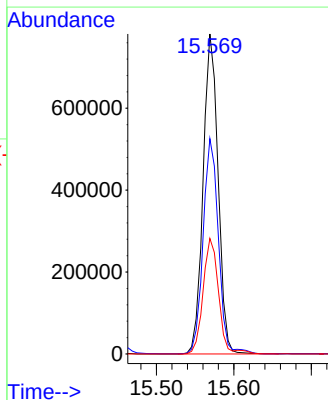
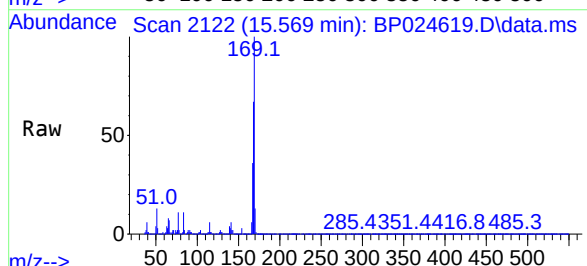
Tgt Ion:169 Resp: 1048396

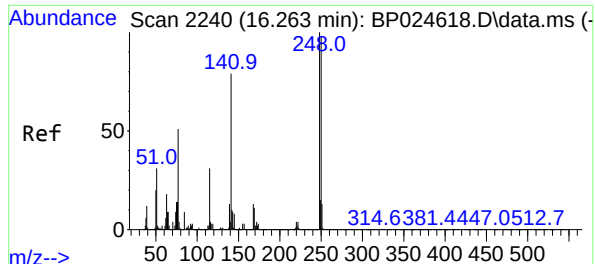
Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

167 36.1 28.6 43.0

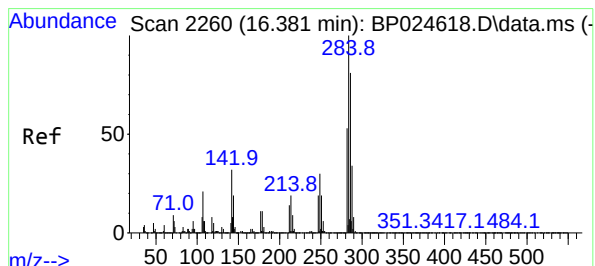
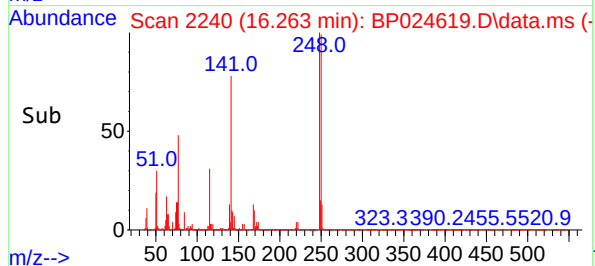
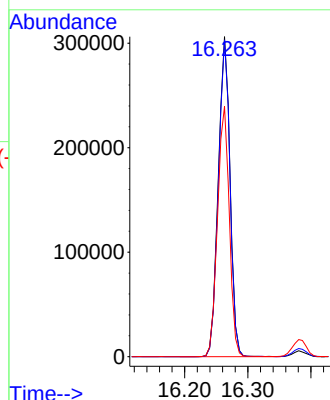
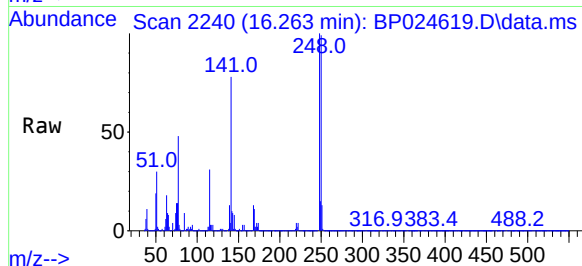




#67
4-Bromophenyl-phenylether
Concen: 53.50 ng
RT: 16.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

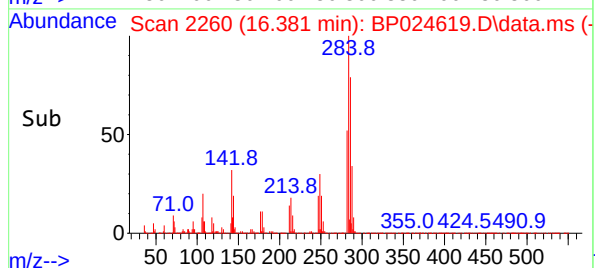
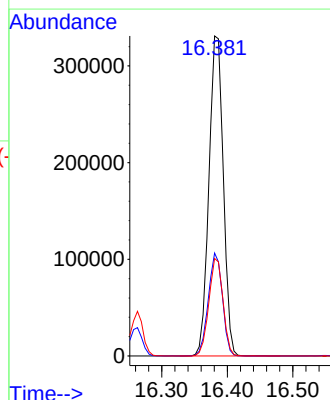
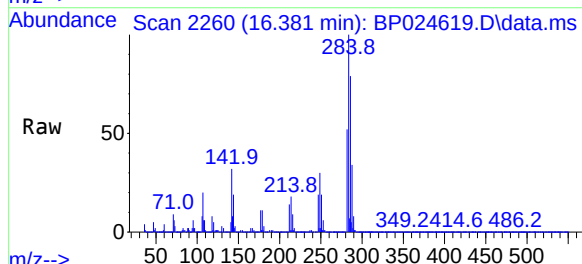
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

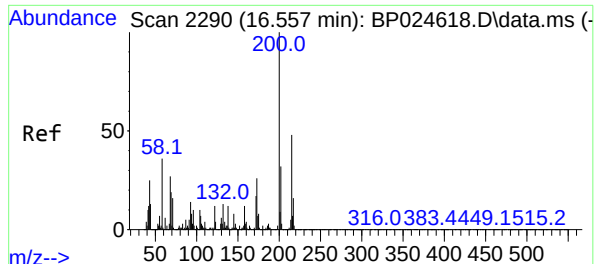
Tgt Ion:248 Resp: 396385
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.4
141 78.2 63.0 94.6



#68
Hexachlorobenzene
Concen: 53.64 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:284 Resp: 504987
Ion Ratio Lower Upper
284 100
142 32.1 25.9 38.9
249 30.4 24.1 36.1

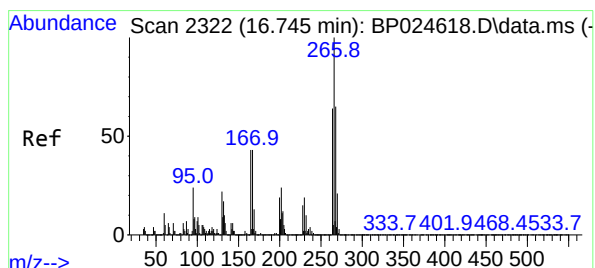
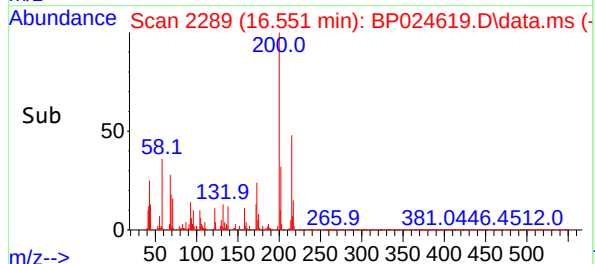
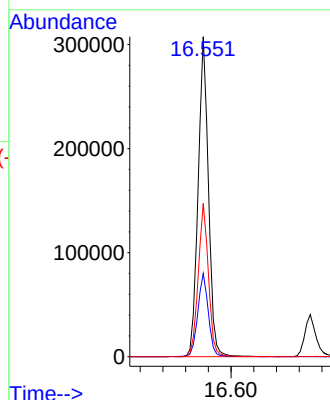
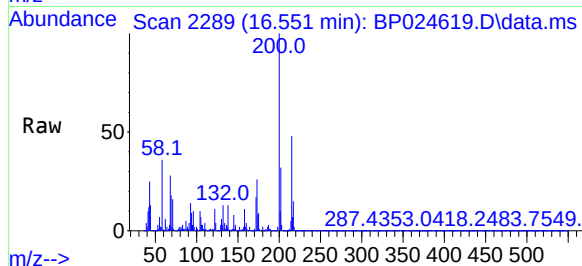




#69
Atrazine
Concen: 55.07 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

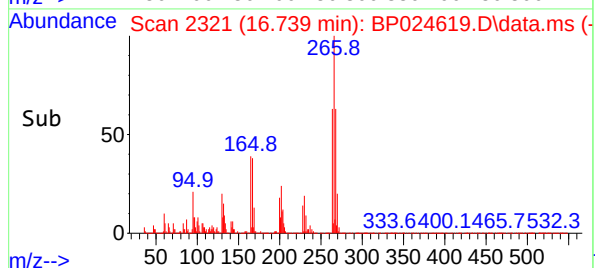
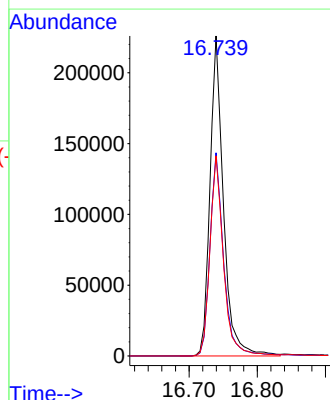
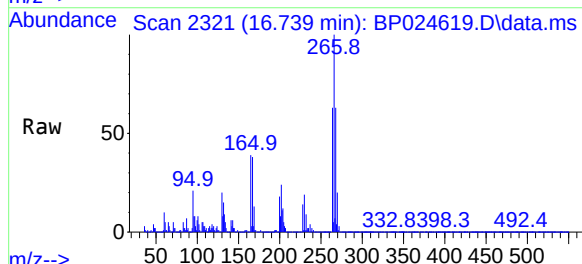
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

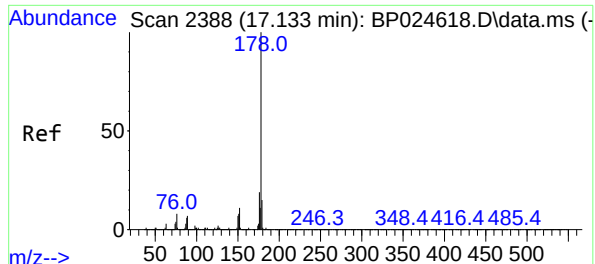
Tgt Ion:200 Resp: 389749
Ion Ratio Lower Upper
200 100
173 26.0 5.9 45.9
215 47.9 28.3 68.3



#70
Pentachlorophenol
Concen: 58.71 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:266 Resp: 310477
Ion Ratio Lower Upper
266 100
268 63.5 52.2 78.4
264 62.6 51.1 76.7

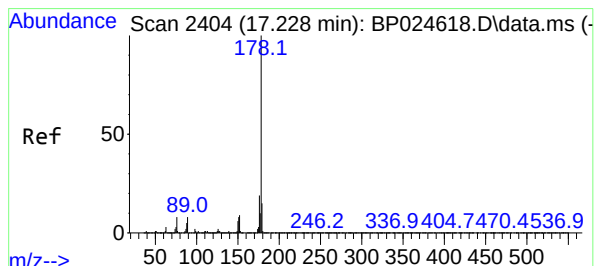
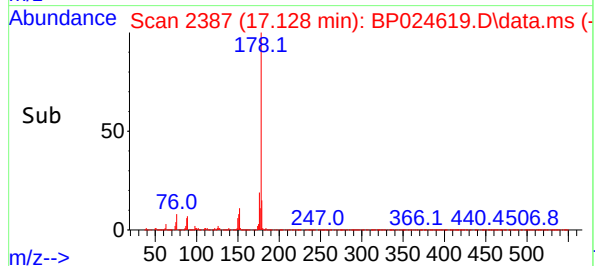
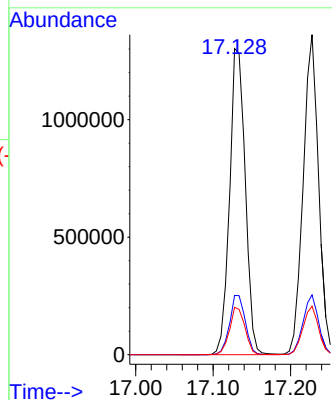
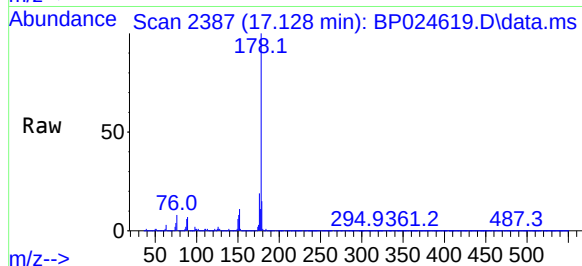




#71
Phenanthrene
Concen: 52.61 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

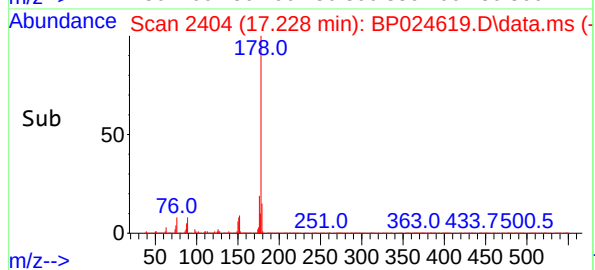
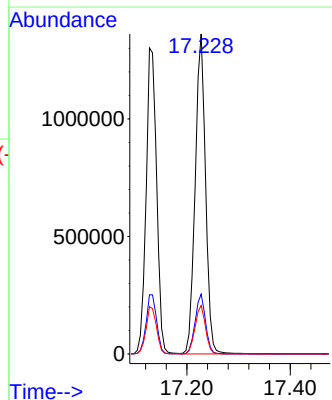
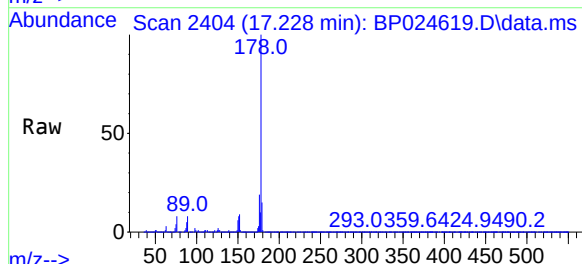
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

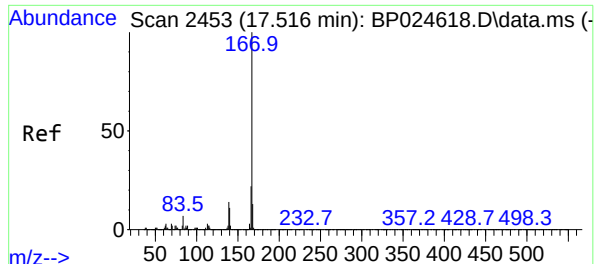
Tgt Ion:178 Resp: 1838891
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 53.87 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:178 Resp: 1894573
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.1 12.2 18.2

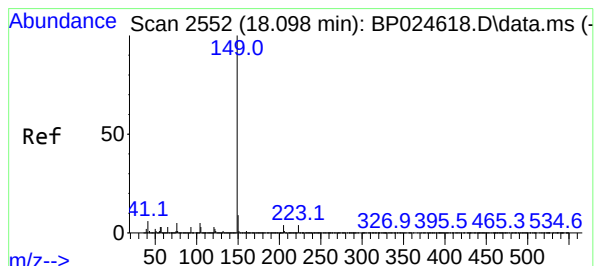
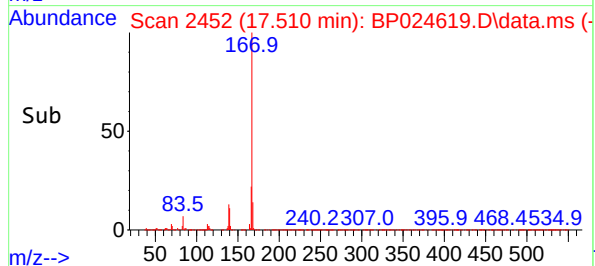
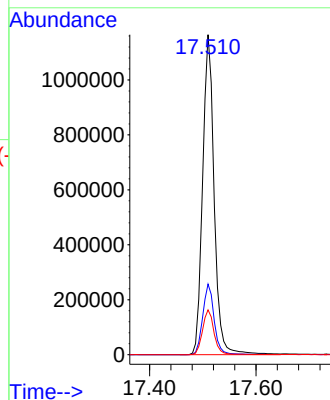
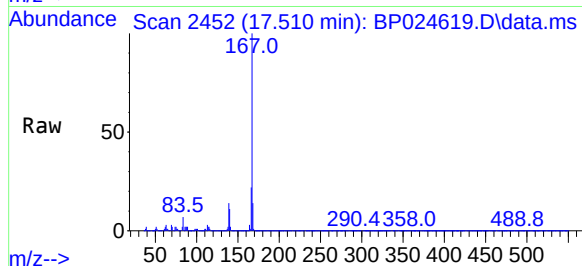




#73
Carbazole
Concen: 55.00 ng
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

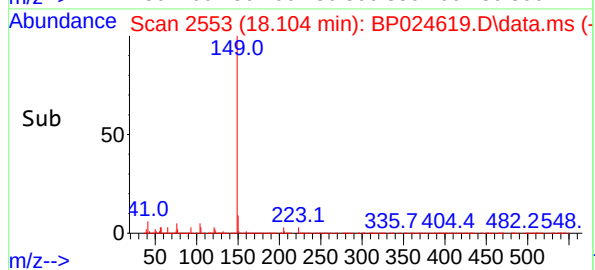
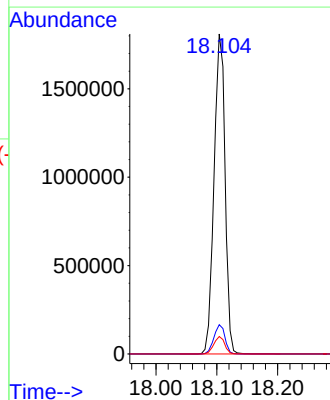
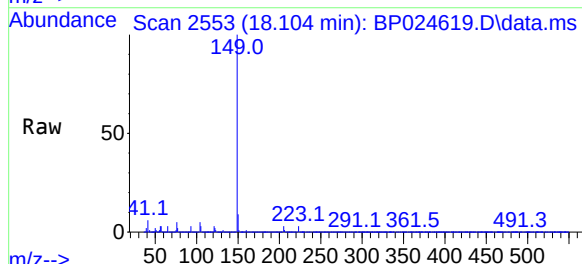
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

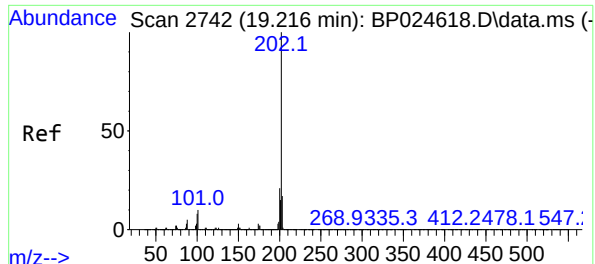
Tgt Ion:167 Resp: 1750681
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 14.0 11.3 16.9



#74
Di-n-butylphthalate
Concen: 55.58 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 2275163
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.4 4.3 6.5

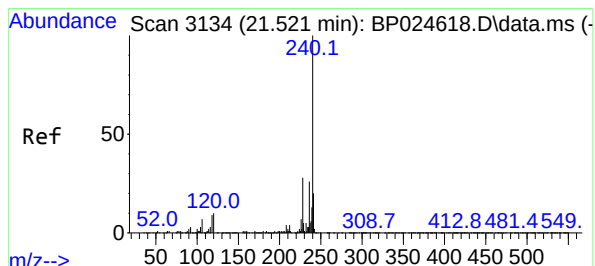
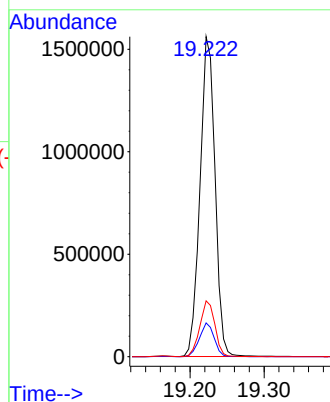
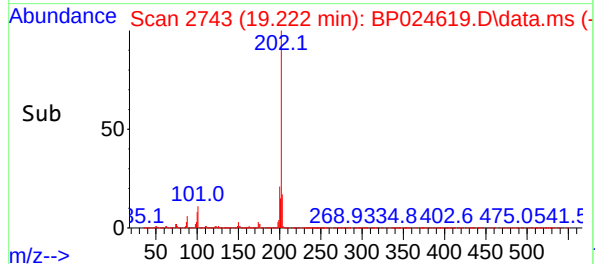
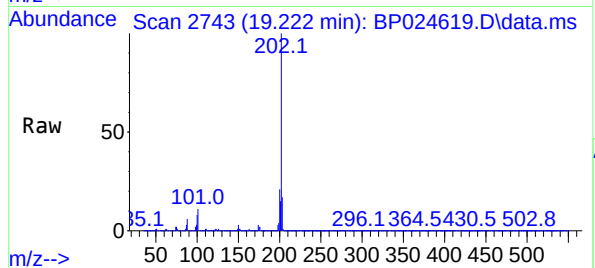




#75
Fluoranthene
Concen: 53.84 ng
RT: 19.222 min Scan# 2199818
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

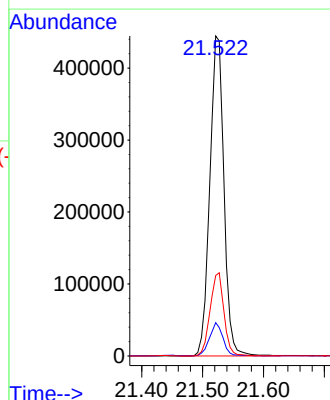
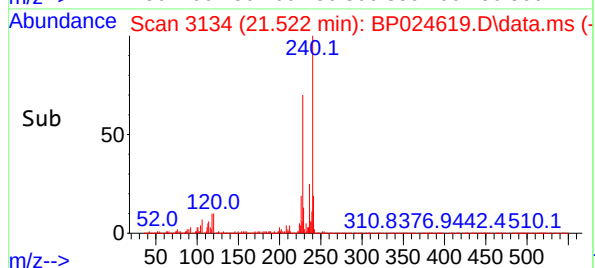
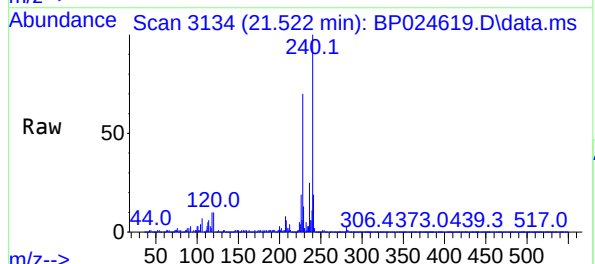
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

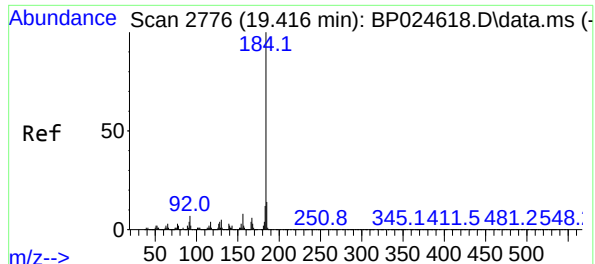
Tgt Ion:202 Resp: 2199818
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:240 Resp: 717340
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 25.1 20.6 31.0

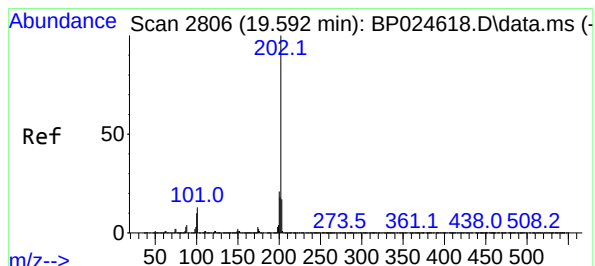
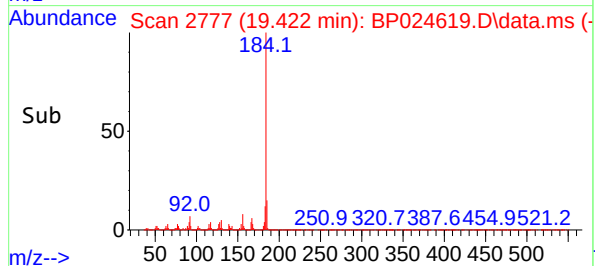
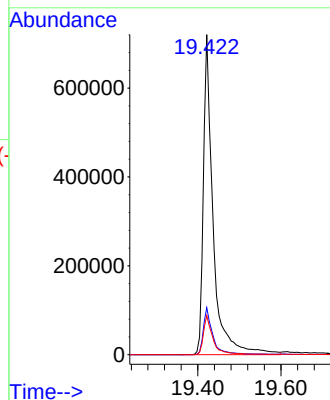
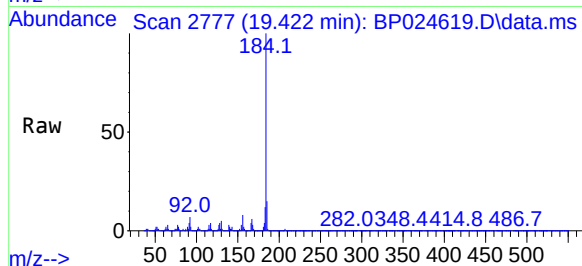




#77
Benzidine
Concen: 59.85 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

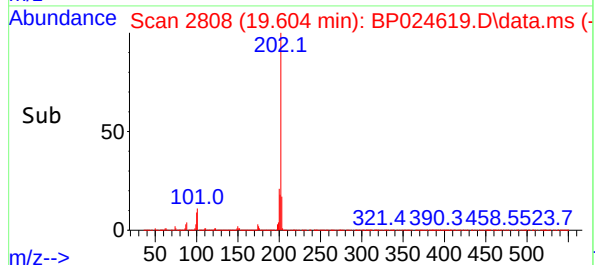
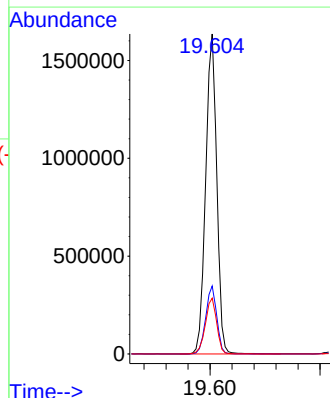
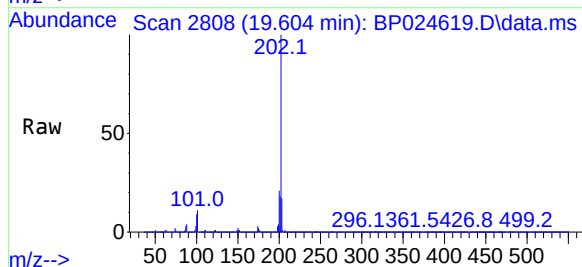
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

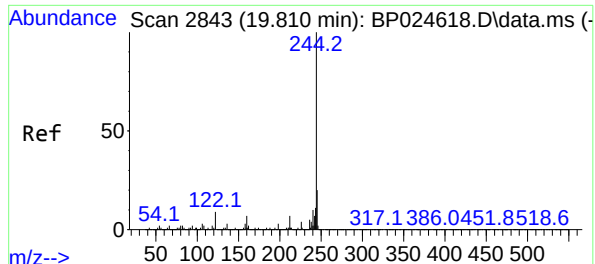
Tgt Ion:184 Resp: 1178505
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 12.2 9.8 14.8



#78
Pyrene
Concen: 53.11 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:202 Resp: 2282702
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.4 13.9 20.9

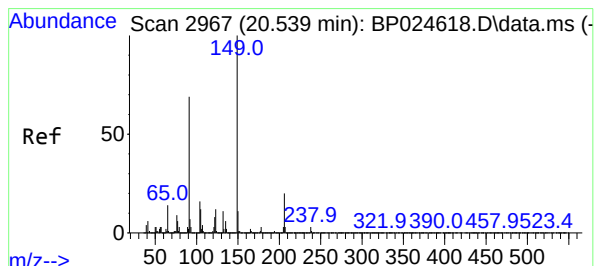
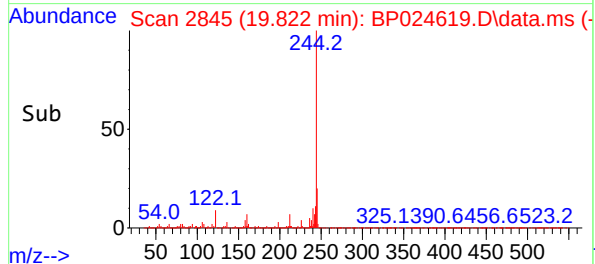
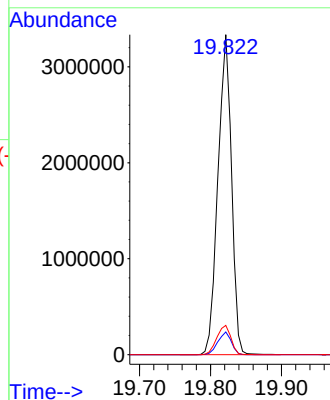
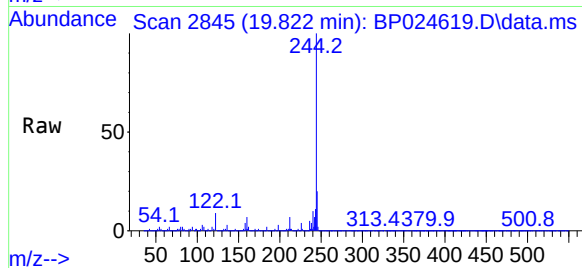




#79
Terphenyl-d14
Concen: 105.15 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

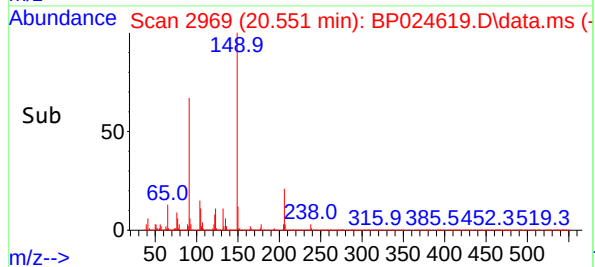
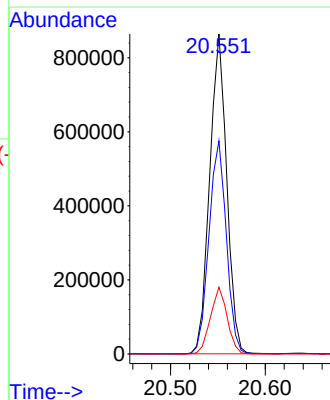
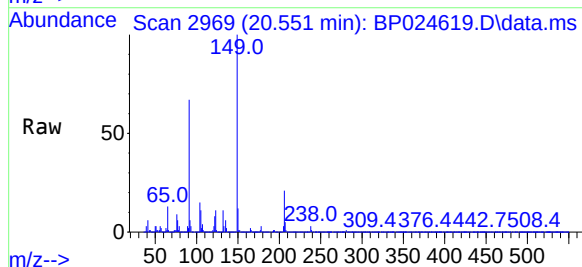
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

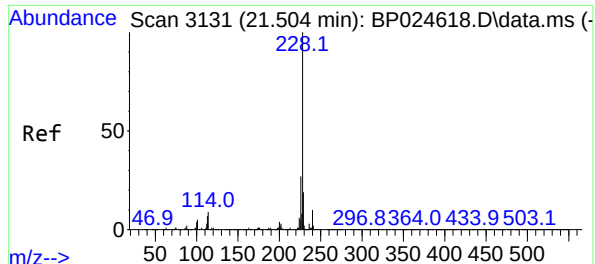
Tgt Ion:244 Resp: 4398872
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.2 7.4 11.0



#80
Butylbenzylphthalate
Concen: 56.68 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1083395
Ion Ratio Lower Upper
149 100
91 66.6 55.4 83.0
206 20.8 16.2 24.2

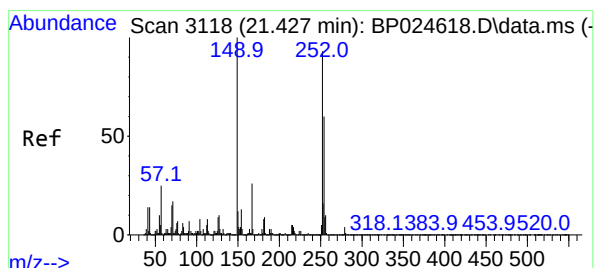
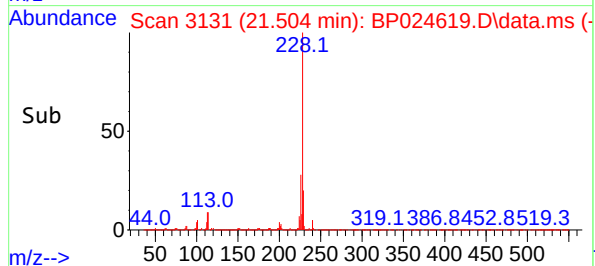
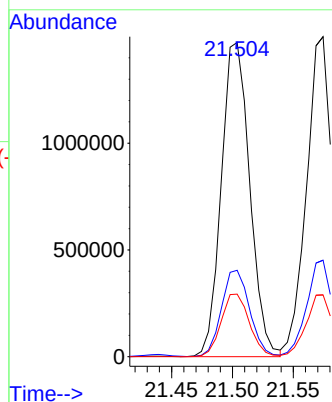
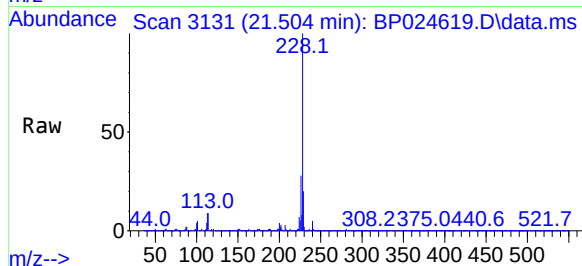




#81
Benzo(a)anthracene
Concen: 53.20 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

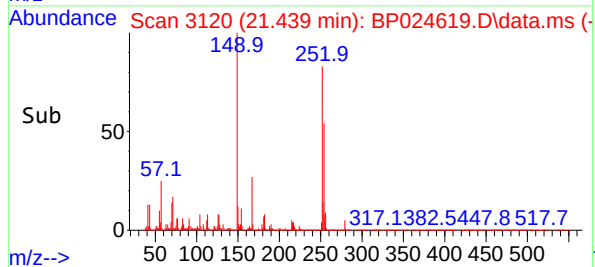
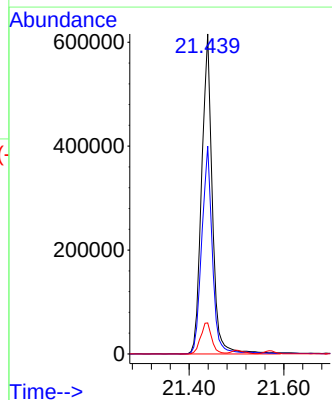
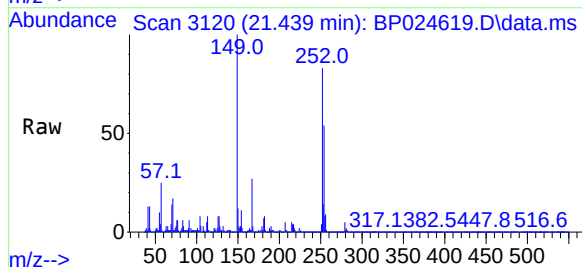
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

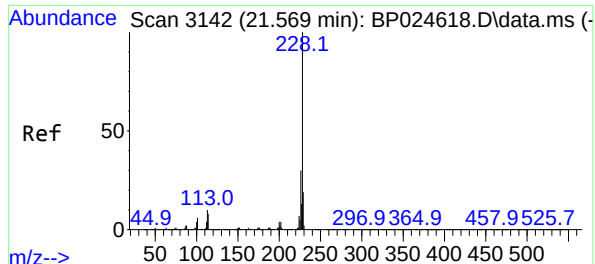
Tgt Ion:228 Resp: 2396398
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 57.80 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 966906
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 9.7 7.7 11.5

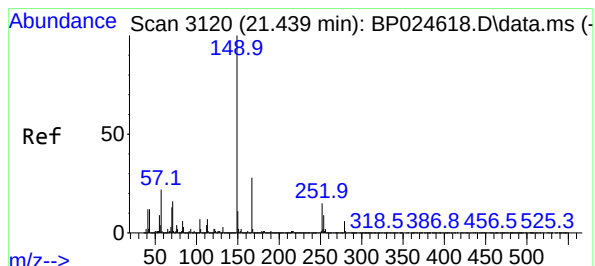
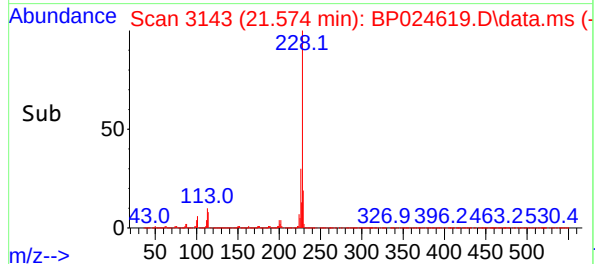
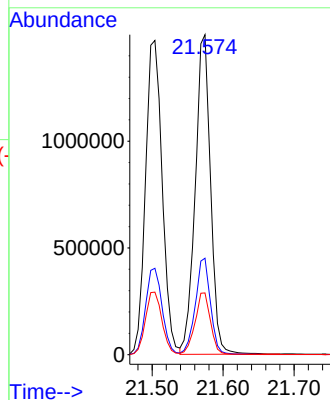
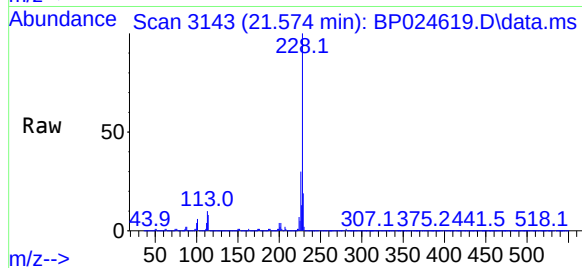




#83
Chrysene
Concen: 52.71 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

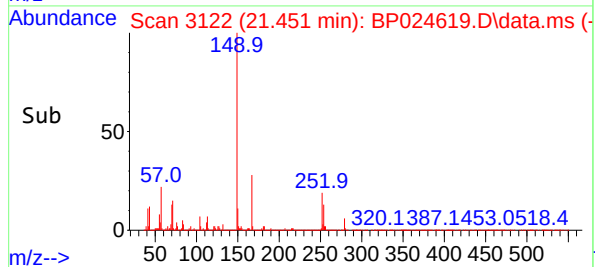
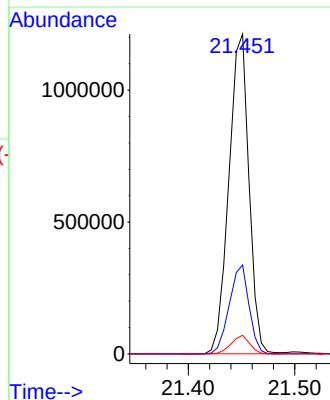
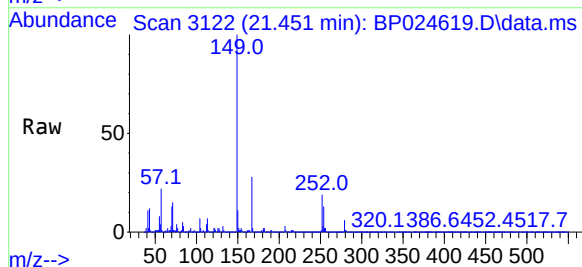
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

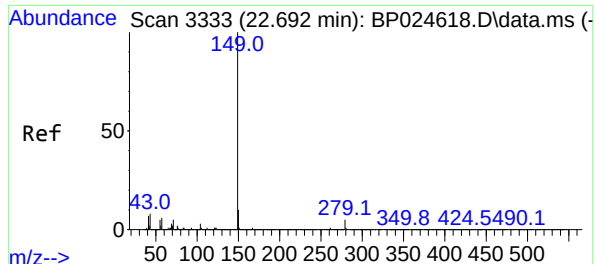
Tgt Ion:228 Resp: 2250800
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 19.3 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.42 ng
RT: 21.451 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1585070
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 5.9 4.6 6.8

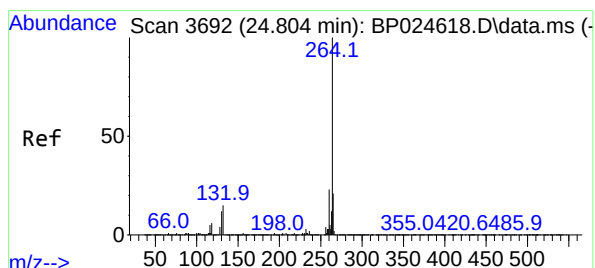
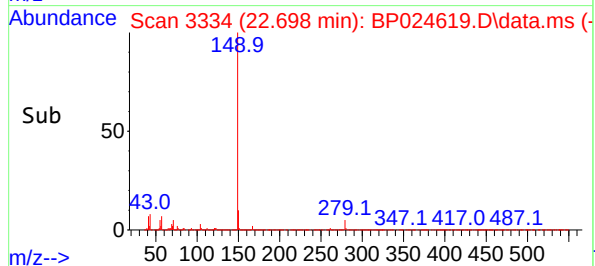
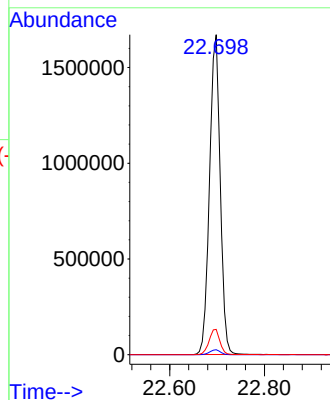
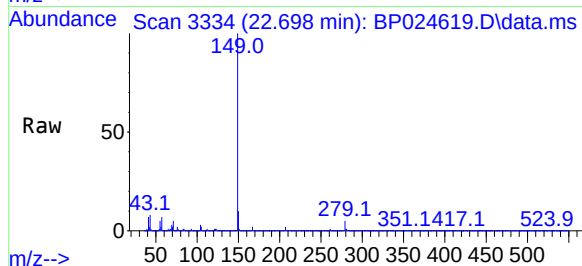




#85
Di-n-octyl phthalate
Concen: 56.91 ng
RT: 22.698 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

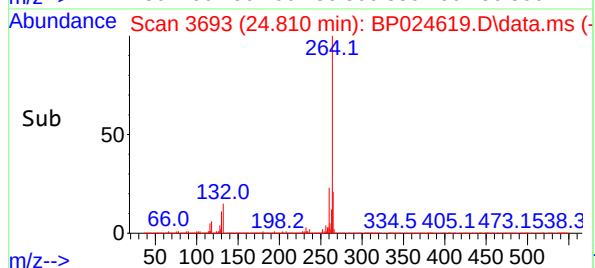
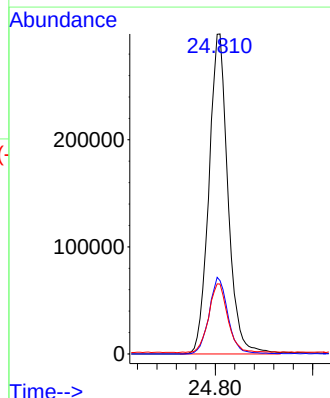
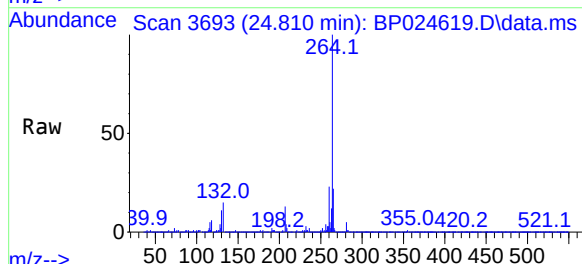
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

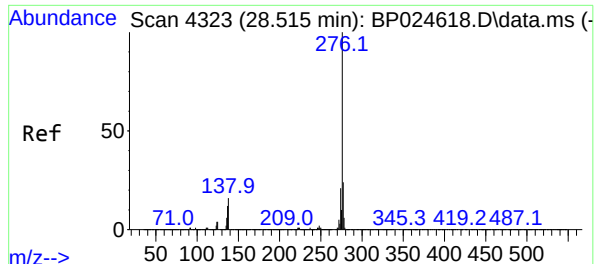
Tgt Ion:149 Resp: 2614856
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.0 6.3 9.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:264 Resp: 811421
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.9 17.0 25.6

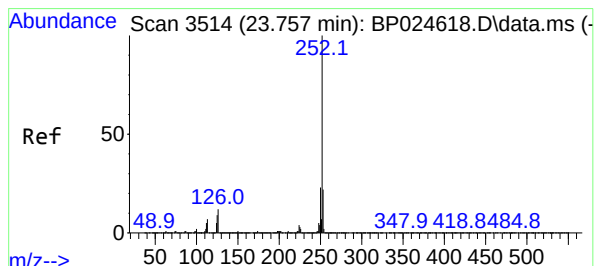
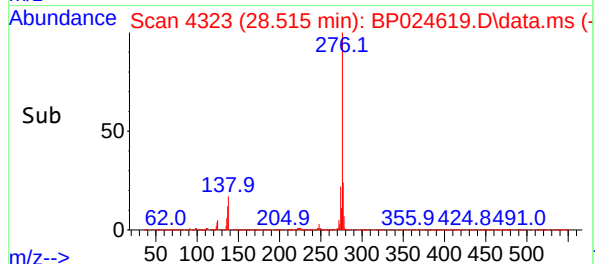
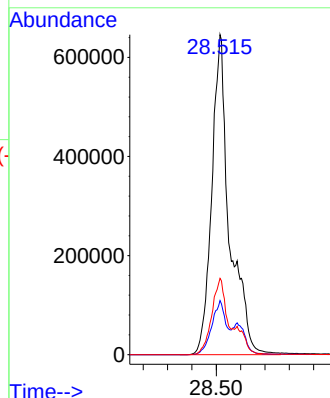
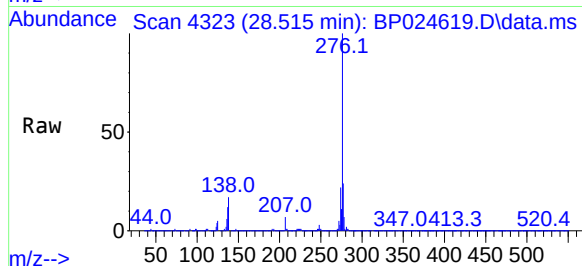




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.06 ng
RT: 28.515 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

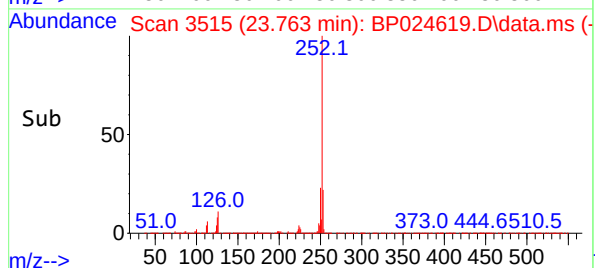
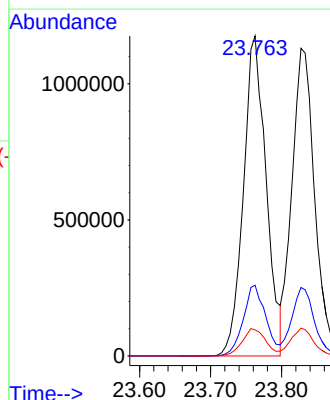
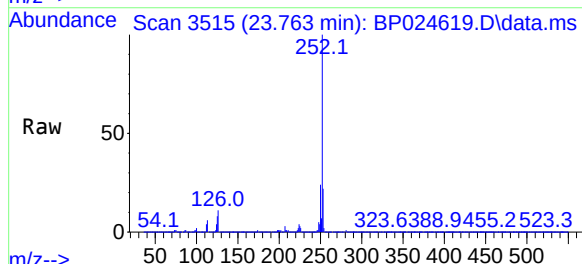
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

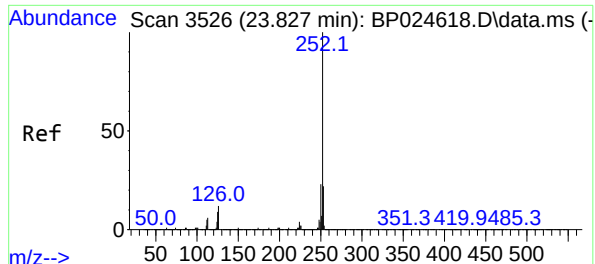
Tgt Ion:276 Resp: 3262830
Ion Ratio Lower Upper
276 100
138 13.6 11.2 16.8
277 19.3 15.7 23.5



#88
Benzo(b)fluoranthene
Concen: 56.25 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 2612438
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 53.34 ng

RT: 23.827 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

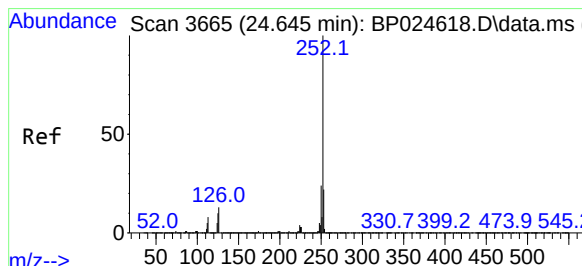
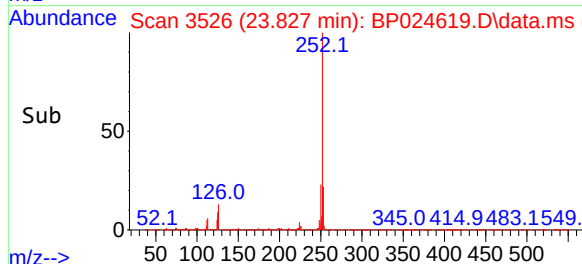
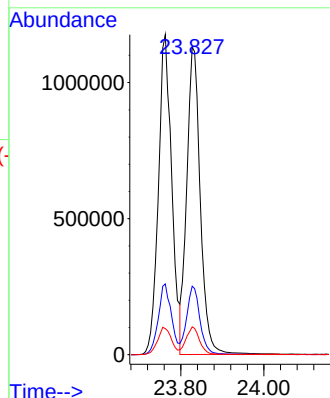
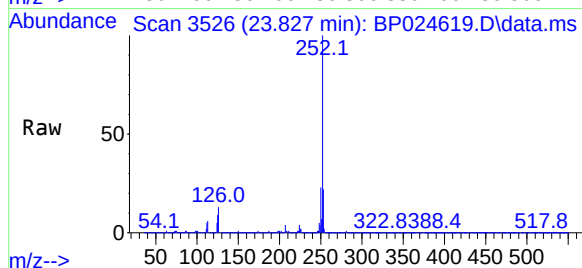
Tgt Ion:252 Resp: 2552663

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 55.51 ng

RT: 24.645 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

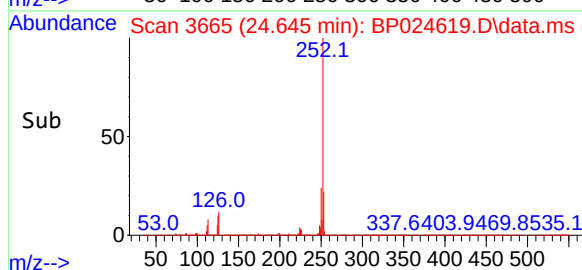
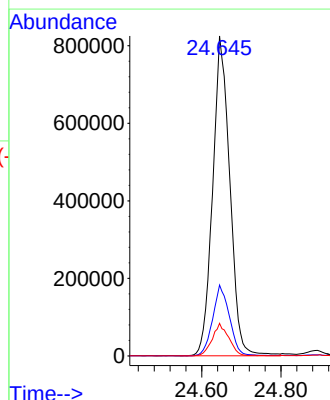
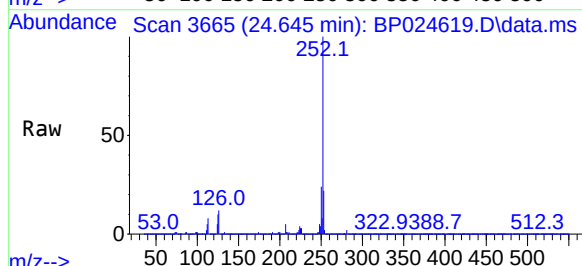
Tgt Ion:252 Resp: 2475976

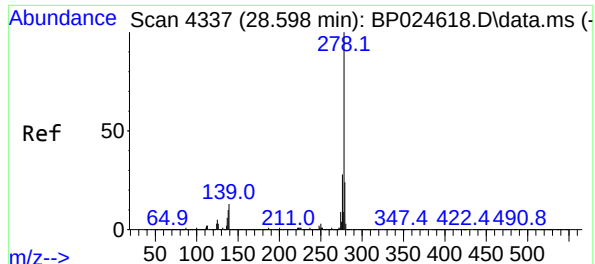
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.2 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 55.60 ng

RT: 28.586 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

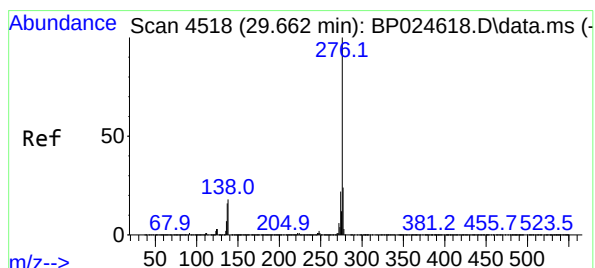
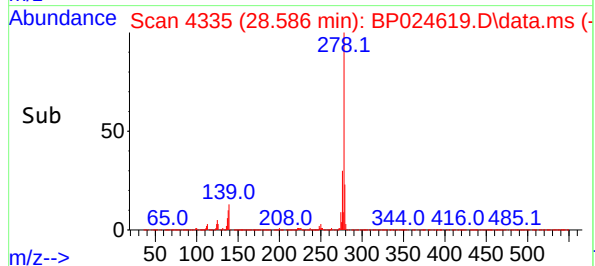
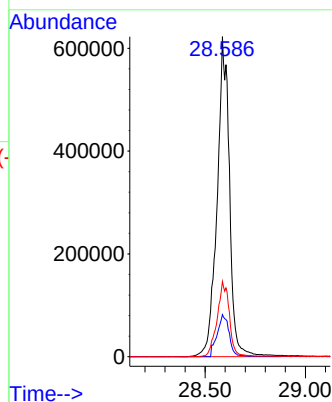
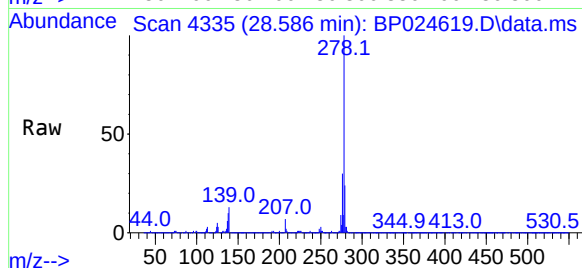
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 2679367

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.2	15.4
279	23.5	19.0	28.4



#92

Benzo(g,h,i)perylene

Concen: 54.79 ng

RT: 29.656 min Scan# 4517

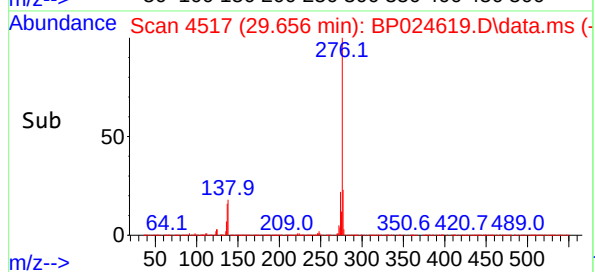
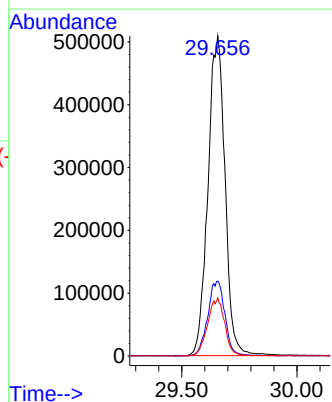
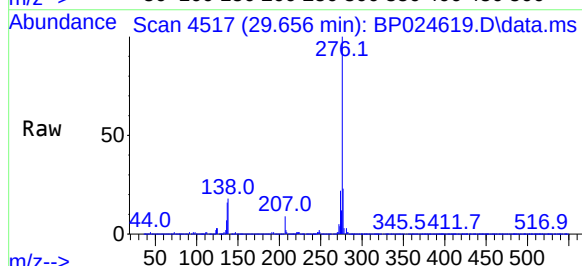
Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:276 Resp: 2625625

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	18.2	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024620.D
 Acq On : 13 May 2025 14:45
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: May 13 16:08:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	106955	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	484921	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	325327	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	646756	20.00	ng	-0.01
76) Chrysene-d12	21.521	240	726281	20.00	ng	0.00
86) Perylene-d12	24.810	264	822943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	784577	125.47	ng	0.00
7) Phenol-d6	6.858	99	1039562	130.26	ng	0.00
23) Nitrobenzene-d5	8.816	82	1188192	123.80	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	696428	126.27	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	2956939	119.08	ng	0.00
79) Terphenyl-d14	19.822	244	5119872	120.88	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	170174	57.95	ng	99
3) Pyridine	3.617	79	419426	64.42	ng	98
4) n-Nitrosodimethylamine	3.528	42	178836	62.22	ng	99
6) Aniline	7.005	93	670773	65.10	ng	100
8) 2-Chlorophenol	7.240	128	459952	64.79	ng	99
9) Benzaldehyde	6.816	77	305987	59.33	ng	98
10) Phenol	6.881	94	535743	65.04	ng	99
11) bis(2-Chloroethyl)ether	7.099	93	416957	61.60	ng	99
12) 1,3-Dichlorobenzene	7.552	146	496139	60.75	ng	99
13) 1,4-Dichlorobenzene	7.699	146	502743	61.20	ng	99
14) 1,2-Dichlorobenzene	8.010	146	490458	61.27	ng	99
15) Benzyl Alcohol	7.910	79	413146	68.12	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	501972	61.93	ng	98
17) 2-Methylphenol	8.110	107	389272	65.89	ng	98
18) Hexachloroethane	8.728	117	191530	60.85	ng	97
19) n-Nitroso-di-n-propyla...	8.463	70	363059	65.76	ng	99
20) 3+4-Methylphenols	8.434	107	543003	67.57	ng	99
22) Acetophenone	8.481	105	744359	61.45	ng	# 98
24) Nitrobenzene	8.857	77	518098	61.34	ng	97
25) Isophorone	9.381	82	1048461	62.98	ng	99
26) 2-Nitrophenol	9.557	139	278764	67.36	ng	99
27) 2,4-Dimethylphenol	9.622	122	462148	63.34	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	610221	61.35	ng	99
29) 2,4-Dichlorophenol	10.093	162	459806	65.03	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	478505	60.05	ng	97
31) Naphthalene	10.487	128	1508460	60.03	ng	100
32) Benzoic acid	9.799	122	319375	60.53	ng	99
33) 4-Chloroaniline	10.599	127	671888	66.26	ng	99
34) Hexachlorobutadiene	10.769	225	303458	58.79	ng	98
35) Caprolactam	11.404	113	175653	68.70	ng	97
36) 4-Chloro-3-methylphenol	11.740	107	559138	64.84	ng	100
37) 2-Methylnaphthalene	12.098	142	1008171	61.96	ng	99
38) 1-Methylnaphthalene	12.316	142	1066290	61.25	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	566530	59.97	ng	100
41) Hexachlorocyclopentadiene	12.445	237	381621	66.62	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	400552	65.46	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024620.D
 Acq On : 13 May 2025 14:45
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

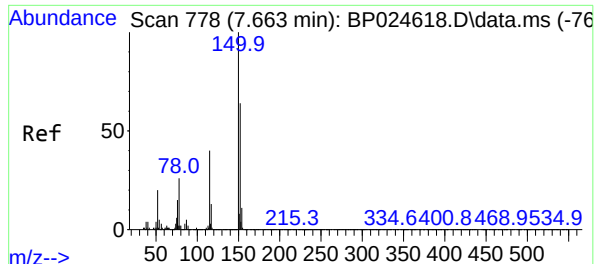
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	436361	64.06	ng	99
46) 1,1'-Biphenyl	13.122	154	1437786	59.80	ng	100
47) 2-Chloronaphthalene	13.163	162	1105298	60.29	ng	100
48) 2-Nitroaniline	13.369	65	354977	65.40	ng	98
49) Acenaphthylene	14.016	152	1884018	61.41	ng	100
50) Dimethylphthalate	13.757	163	1498318	60.42	ng	100
51) 2,6-Dinitrotoluene	13.875	165	328682	62.76	ng	99
52) Acenaphthene	14.363	154	1072483	60.80	ng	100
53) 3-Nitroaniline	14.210	138	361174	67.54	ng	99
54) 2,4-Dinitrophenol	14.428	184	196350	61.10	ng	96
55) Dibenzofuran	14.698	168	1691790	60.13	ng	99
56) 4-Nitrophenol	14.545	139	281293	61.78	ng	98
57) 2,4-Dinitrotoluene	14.675	165	471525	63.87	ng	99
58) Fluorene	15.363	166	1376412	60.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	396678	62.78	ng	99
60) Diethylphthalate	15.134	149	1525628	60.87	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	692230	60.51	ng	99
62) 4-Nitroaniline	15.404	138	354287	68.05	ng	99
63) Azobenzene	15.657	77	1310800	61.14	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	278024	66.55	ng	95
66) n-Nitrosodiphenylamine	15.575	169	1205525	60.68	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	469127	61.56	ng	99
68) Hexachlorobenzene	16.386	284	590615	60.99	ng	99
69) Atrazine	16.557	200	460742	63.29	ng	98
70) Pentachlorophenol	16.739	266	371465	68.29	ng	99
71) Phenanthrene	17.133	178	2183329	60.73	ng	100
72) Anthracene	17.233	178	2210412	61.11	ng	99
73) Carbazole	17.510	167	2042777	62.39	ng	100
74) Di-n-butylphthalate	18.098	149	2644959	62.81	ng	99
75) Fluoranthene	19.222	202	2594532	61.73	ng	100
77) Benzidine	19.422	184	1304259	65.42	ng	99
78) Pyrene	19.598	202	2661811	61.17	ng	100
80) Butylbenzylphthalate	20.551	149	1243403	64.25	ng	100
81) Benzo(a)anthracene	21.504	228	2778689	60.93	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	1114122	65.77	ng	100
83) Chrysene	21.574	228	2588513	59.88	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1822019	64.05	ng	99
85) Di-n-octyl phthalate	22.692	149	2998832	64.47	ng	100
87) Indeno(1,2,3-cd)pyrene	28.533	276	3824922	63.64	ng	# 92
88) Benzo(b)fluoranthene	23.768	252	2922103	62.04	ng	99
89) Benzo(k)fluoranthene	23.845	252	3055252	62.95	ng	100
90) Benzo(a)pyrene	24.657	252	2881508	63.69	ng	100
91) Dibenzo(a,h)anthracene	28.603	278	3137905	64.20	ng	99
92) Benzo(g,h,i)perylene	29.692	276	3065416	63.07	ng	100

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

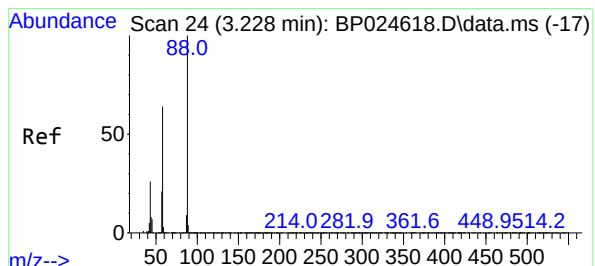
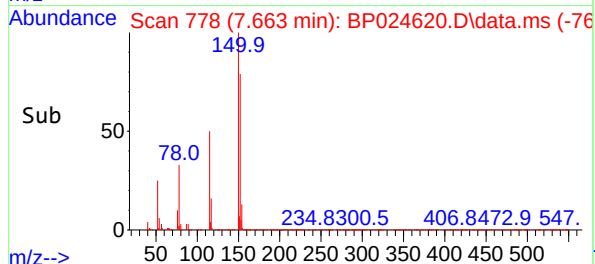
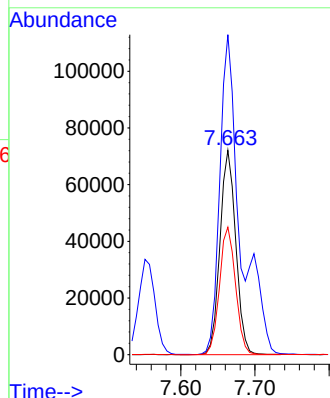
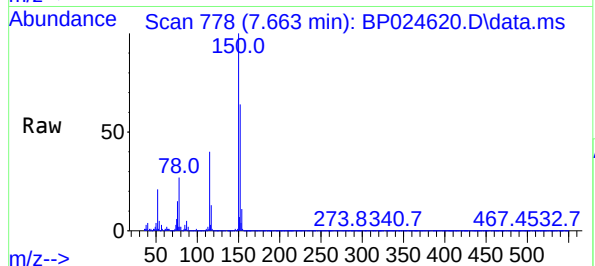
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

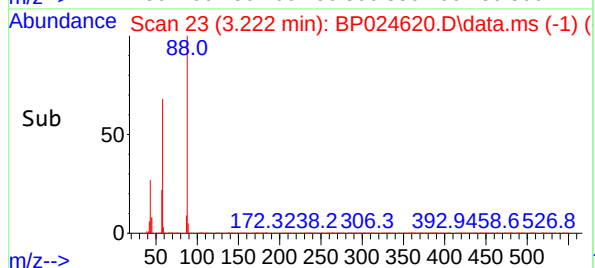
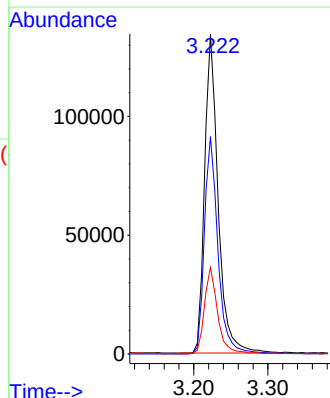
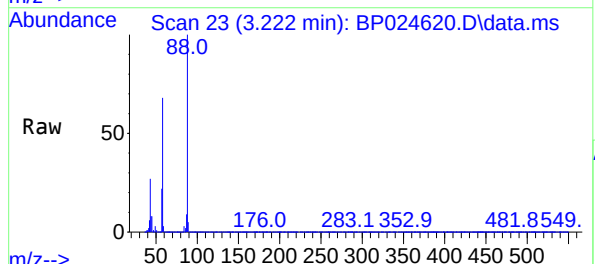
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BNA_P
ClientSampleId :
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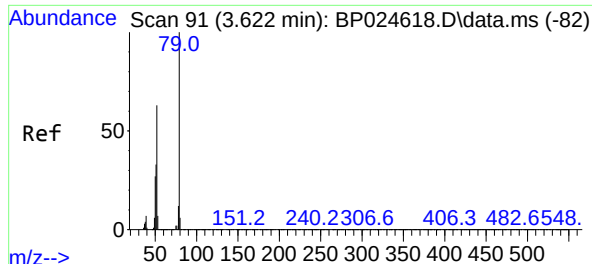
Tgt Ion:152 Resp: 106955
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 62.4 50.1 75.1



#2
1,4-Dioxane
Concen: 57.95 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 88 Resp: 170174
Ion Ratio Lower Upper
88 100
58 68.9 54.0 81.0
43 26.5 21.4 32.0

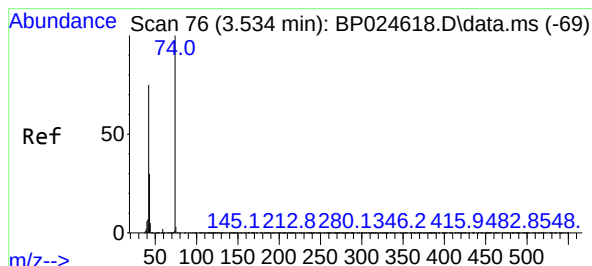
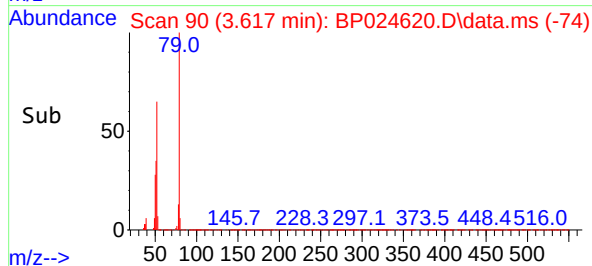
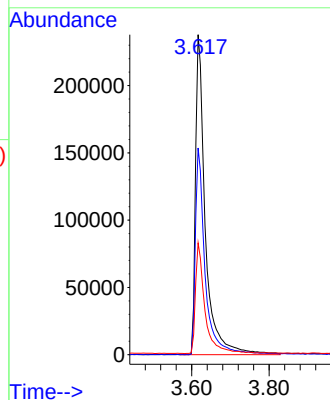
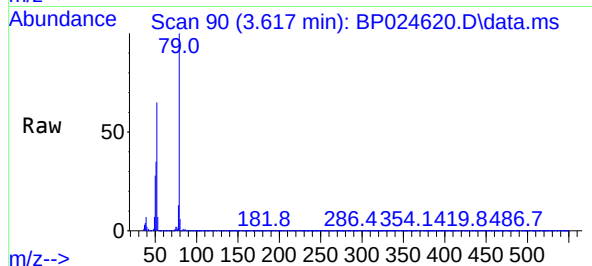




#3
Pyridine
Concen: 64.42 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

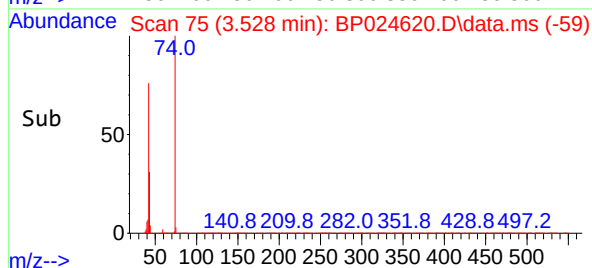
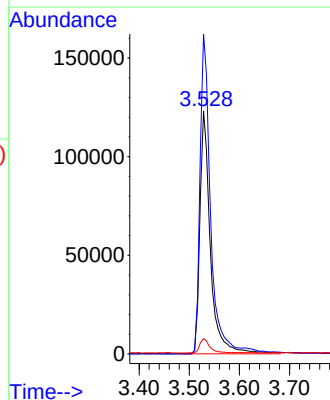
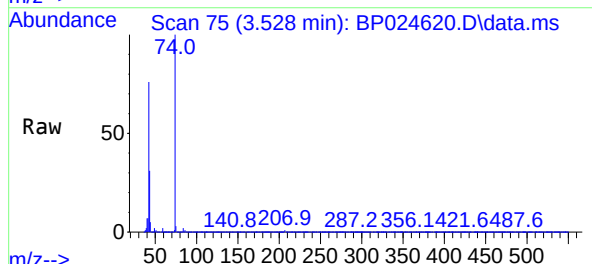
Instrument :
BNA_P
ClientSampleId :
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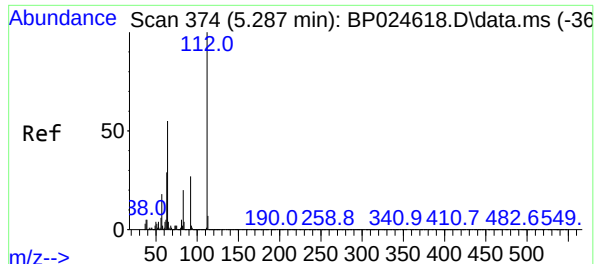
Tgt Ion: 79 Resp: 419426
Ion Ratio Lower Upper
79 100
52 64.6 50.2 75.2
51 34.9 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 62.22 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 42 Resp: 178836
Ion Ratio Lower Upper
42 100
74 131.7 106.2 159.2
44 6.3 5.4 8.2





#5

2-Fluorophenol

Concen: 125.47 ng

RT: 5.281 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

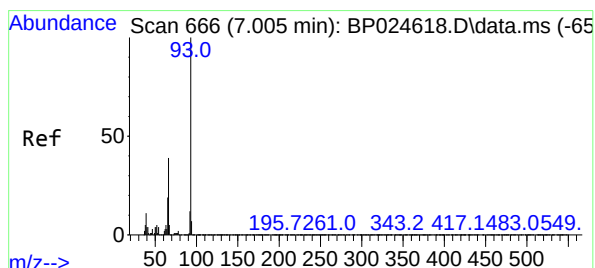
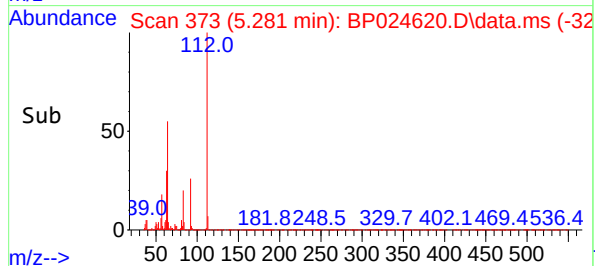
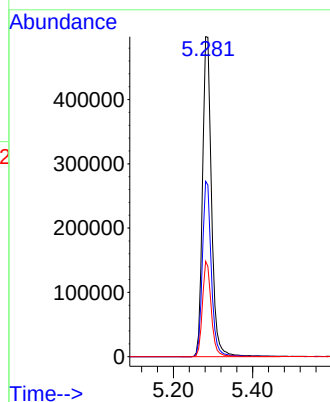
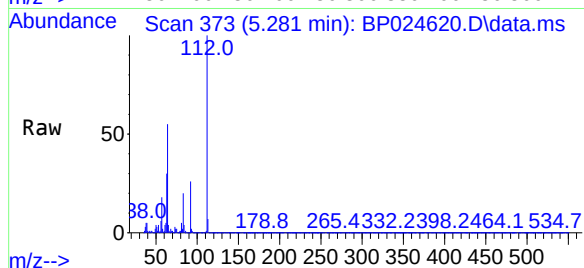
Tgt Ion:112 Resp: 784577

Ion Ratio Lower Upper

112 100

64 54.8 44.1 66.1

63 29.8 23.5 35.3



#6

Aniline

Concen: 65.10 ng

RT: 7.005 min Scan# 666

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

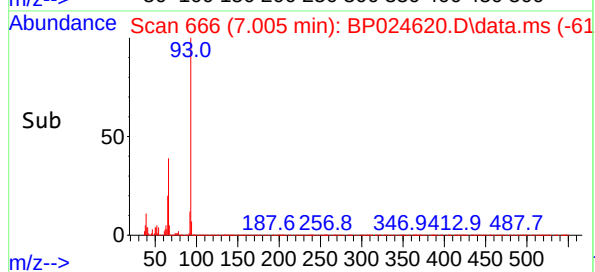
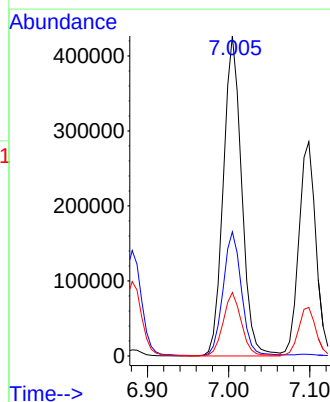
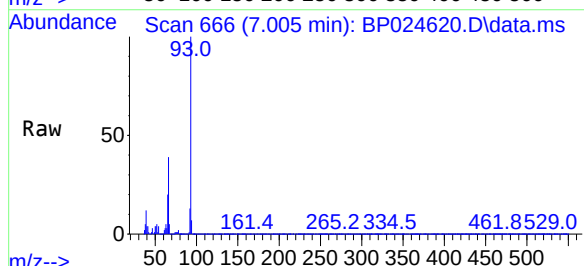
Tgt Ion: 93 Resp: 670773

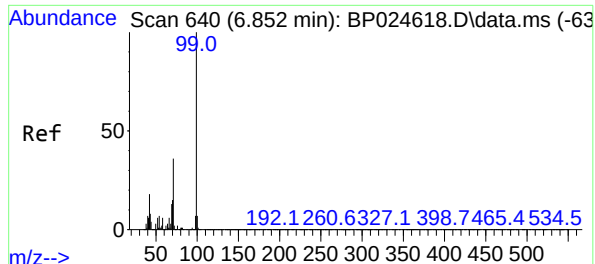
Ion Ratio Lower Upper

93 100

66 38.8 31.0 46.6

65 19.8 15.5 23.3





#7

Phenol-d6

Concen: 130.26 ng

RT: 6.858 min Scan# 64

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

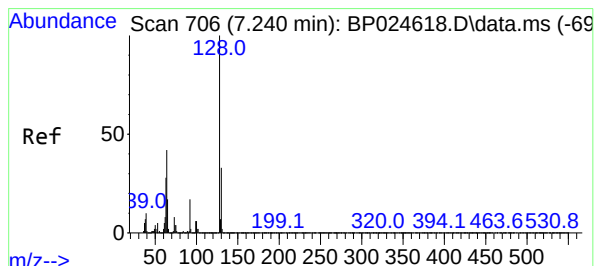
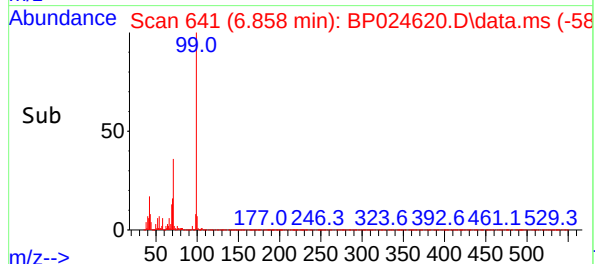
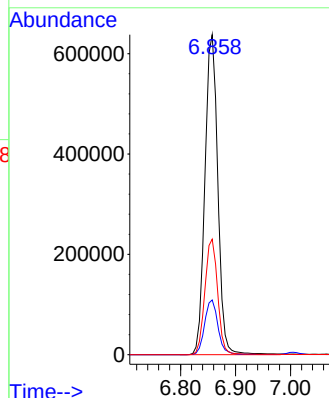
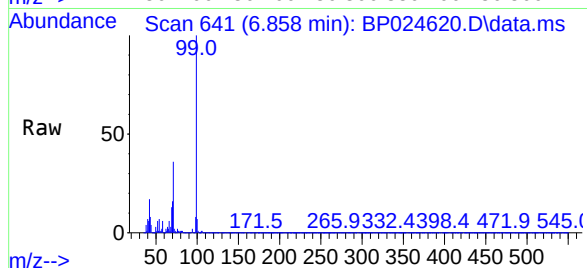
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1039562

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.4	21.6
71	36.1	29.2	43.8



#8

2-Chlorophenol

Concen: 64.79 ng

RT: 7.240 min Scan# 706

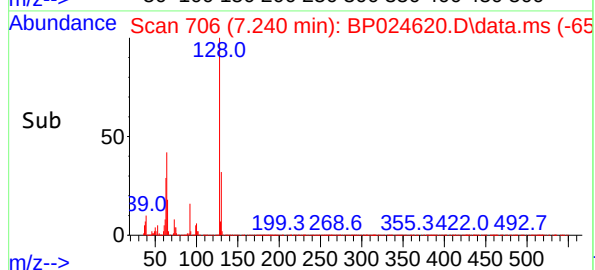
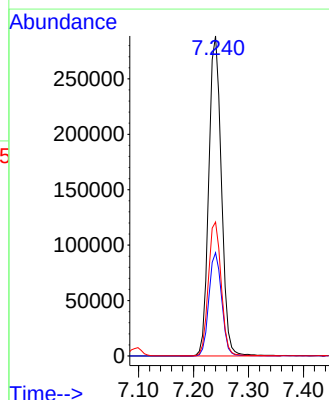
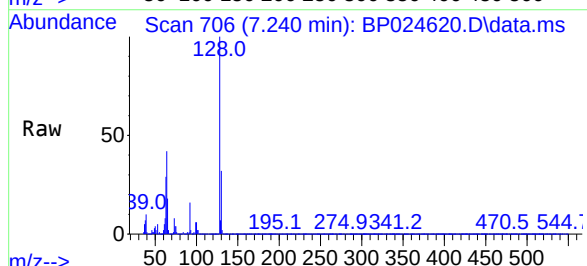
Delta R.T. -0.000 min

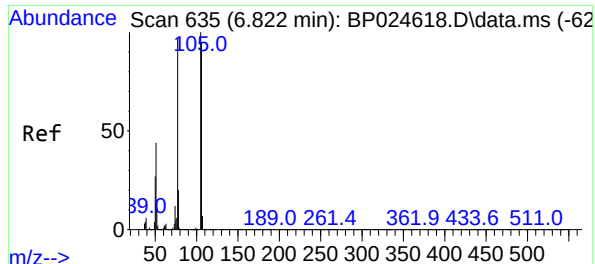
Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:128 Resp: 459952

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	41.9	22.3	62.3

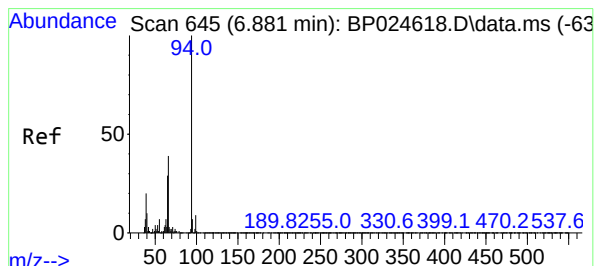
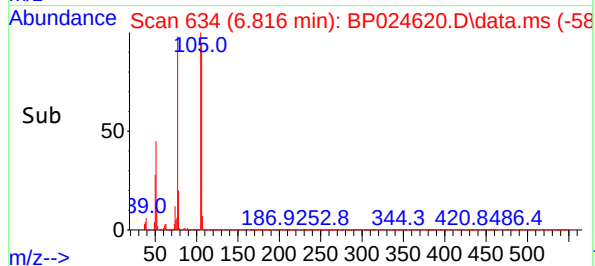
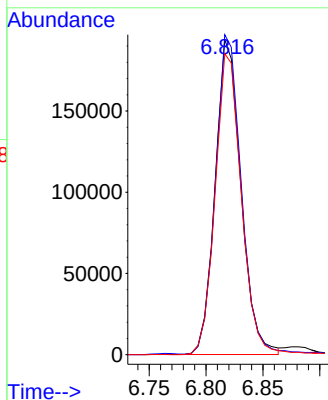
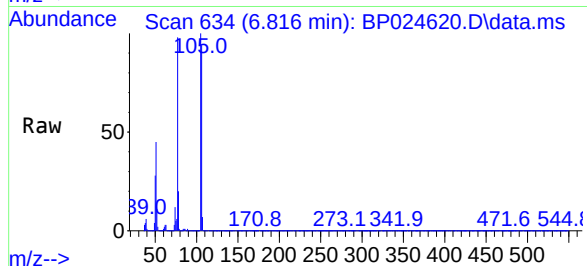




#9
Benzaldehyde
Concen: 59.33 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

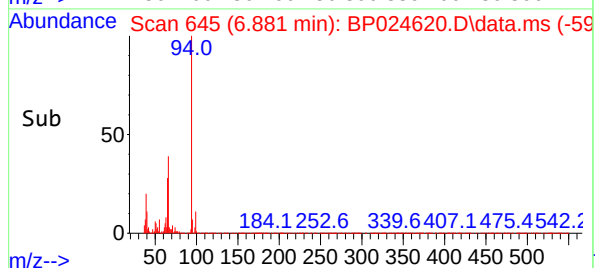
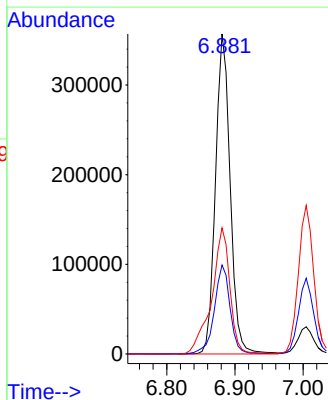
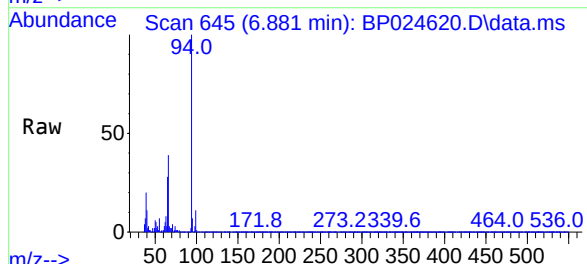
Instrument :
BNA_P
ClientSampleId :
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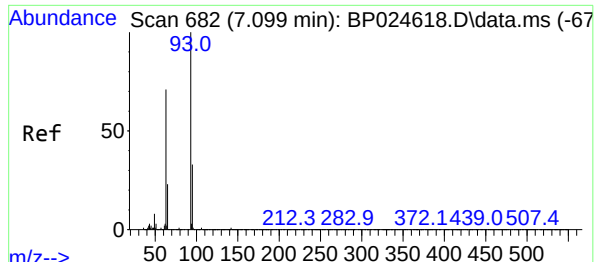
Tgt Ion: 77 Resp: 305987
Ion Ratio Lower Upper
77 100
105 101.6 83.3 123.3
106 95.5 78.0 118.0



#10
Phenol
Concen: 65.04 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 94 Resp: 535743
Ion Ratio Lower Upper
94 100
65 27.8 8.7 48.7
66 39.4 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 61.60 ng

RT: 7.099 min Scan# 682

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

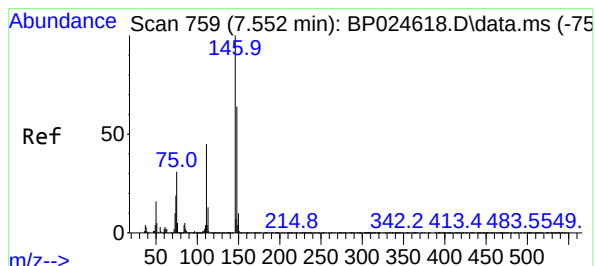
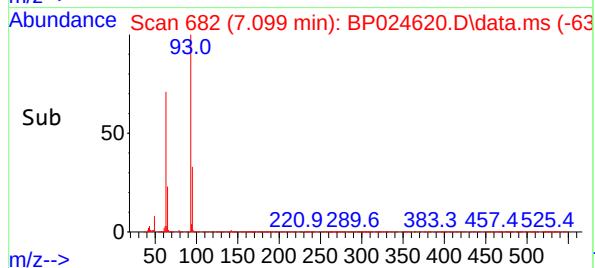
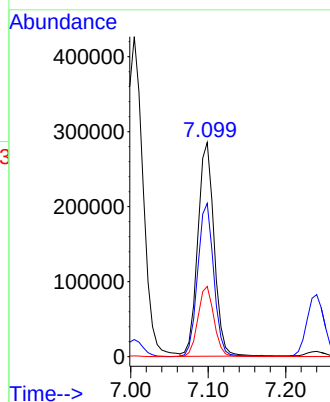
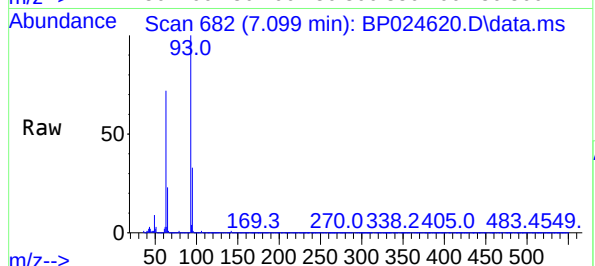
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 416957

Ion	Ratio	Lower	Upper
93	100		
63	71.6	50.6	90.6
95	32.8	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 60.75 ng

RT: 7.552 min Scan# 759

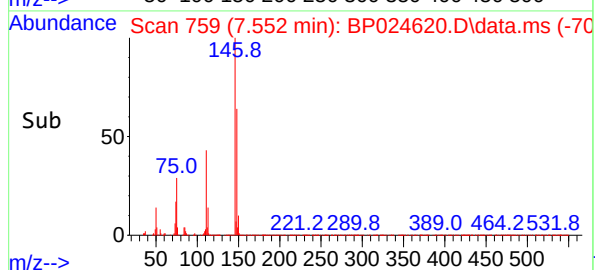
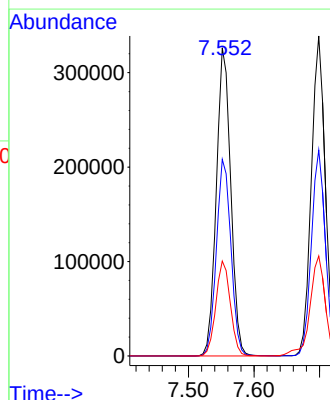
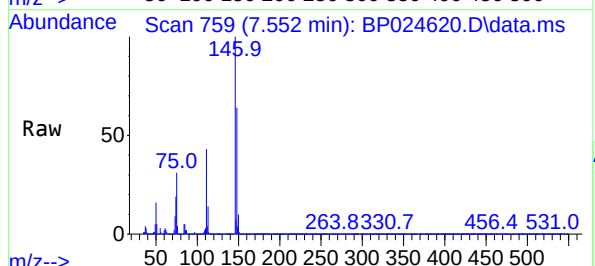
Delta R.T. -0.000 min

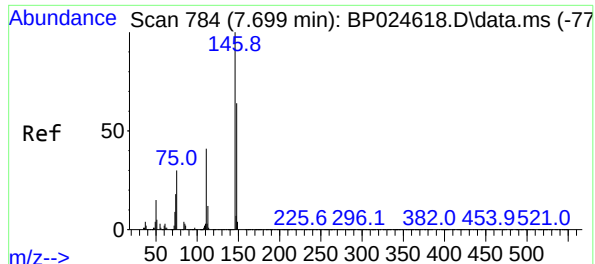
Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion: 146 Resp: 496139

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
75	30.8	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 61.20 ng

RT: 7.699 min Scan# 784

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

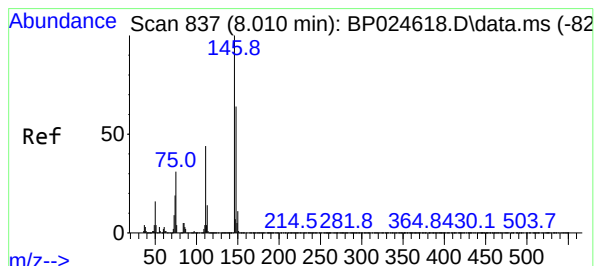
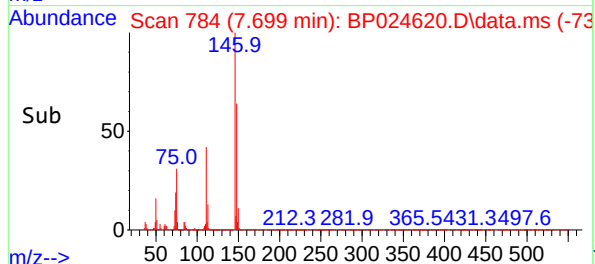
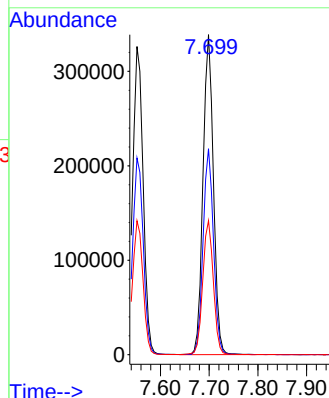
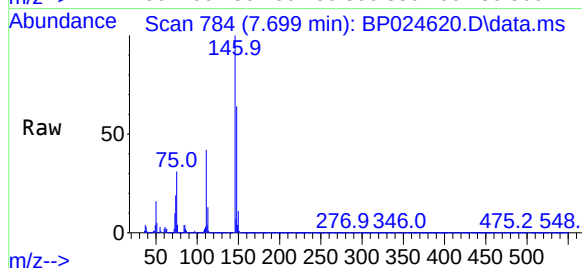
Tgt Ion:146 Resp: 502743

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 41.9 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 61.27 ng

RT: 8.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

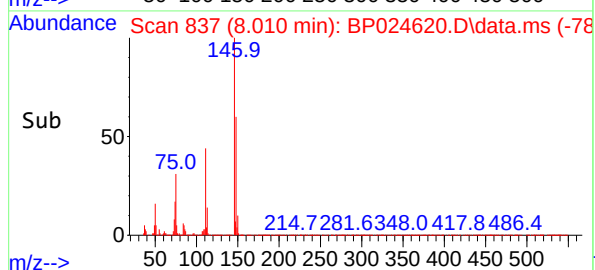
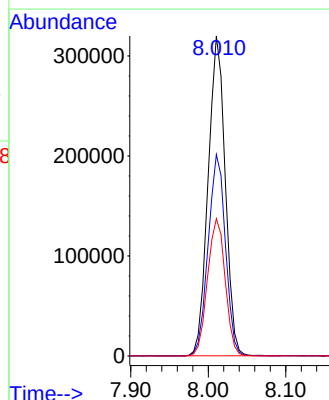
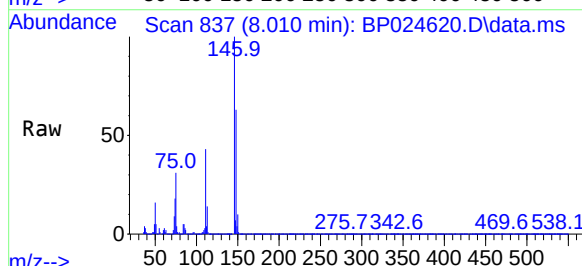
Tgt Ion:146 Resp: 490458

Ion Ratio Lower Upper

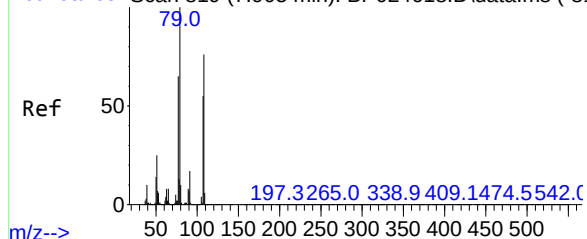
146 100

148 62.9 51.0 76.4

111 42.9 35.2 52.8



Abundance Scan 819 (7.905 min): BP024618.D\data.ms (-81



#15

Benzyl Alcohol

Concen: 68.12 ng

RT: 7.910 min Scan# 819

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

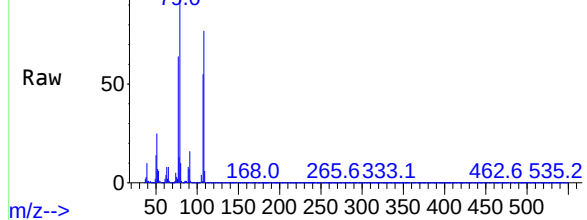
Instrument :

BNA_P

ClientSampleId :

SSTDICC060

m/z--> Abundance Scan 820 (7.910 min): BP024620.D\data.ms



Tgt Ion: 79 Resp: 413146

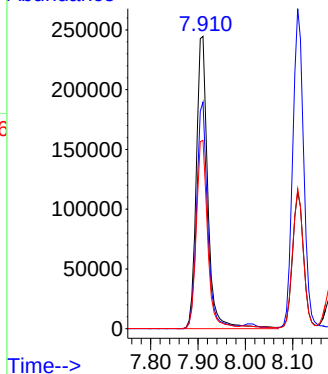
Ion Ratio Lower Upper

79 100

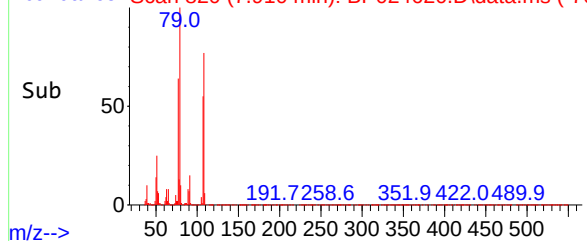
108 77.5 60.8 91.2

77 64.4 51.9 77.9

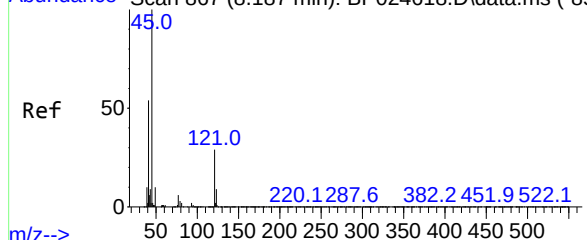
Abundance



Abundance Scan 820 (7.910 min): BP024620.D\data.ms (-76



Abundance Scan 867 (8.187 min): BP024618.D\data.ms (-85



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.93 ng

RT: 8.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion: 45 Resp: 501972

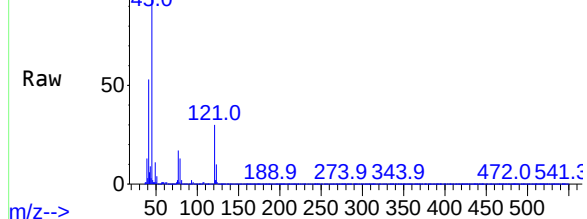
Ion Ratio Lower Upper

45 100

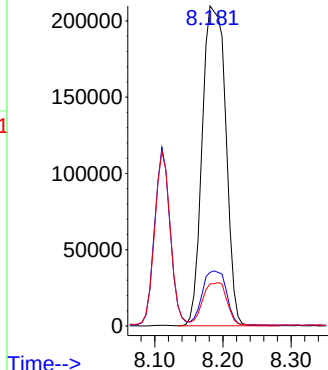
77 16.7 0.0 37.7

79 13.1 0.0 34.0

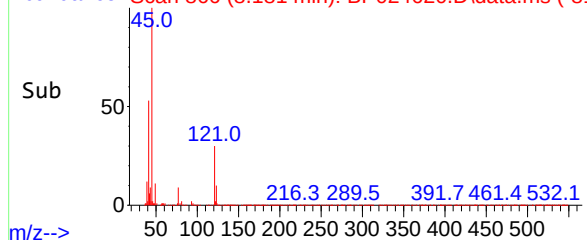
Abundance Scan 866 (8.181 min): BP024620.D\data.ms



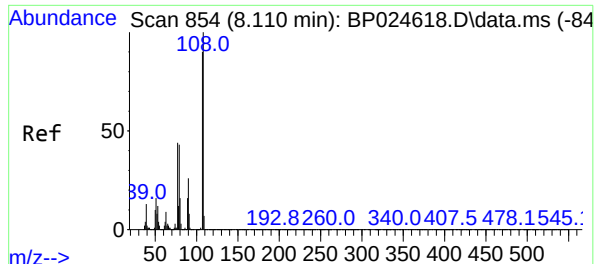
Abundance



Abundance Scan 866 (8.181 min): BP024620.D\data.ms (-81



Time-->



#17

2-Methylphenol

Concen: 65.89 ng

RT: 8.110 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 389272

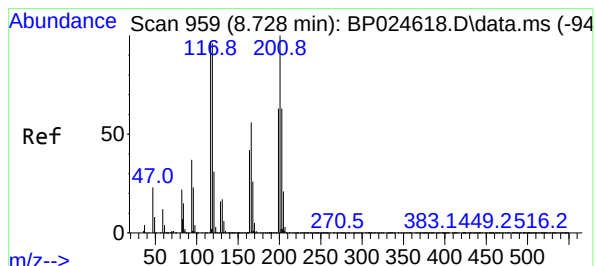
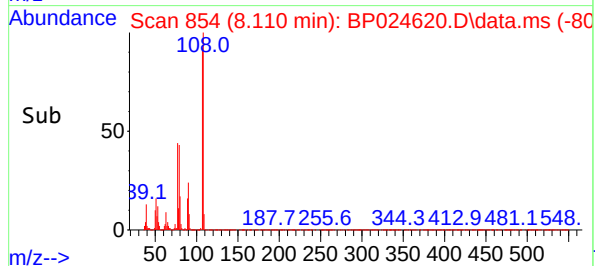
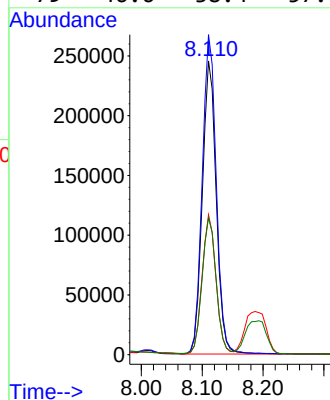
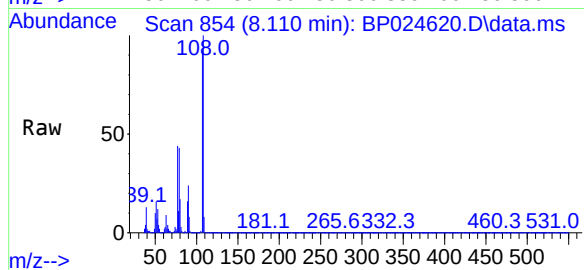
Ion Ratio Lower Upper

107 100

108 109.0 88.9 133.3

77 47.6 39.0 58.6

79 46.6 38.4 57.6



#18

Hexachloroethane

Concen: 60.85 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

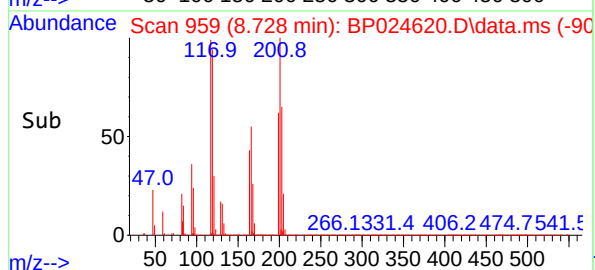
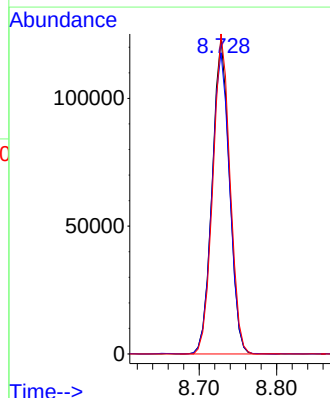
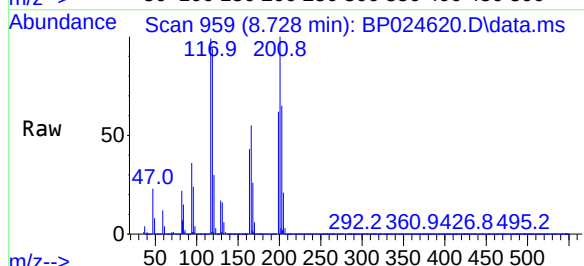
Tgt Ion:117 Resp: 191530

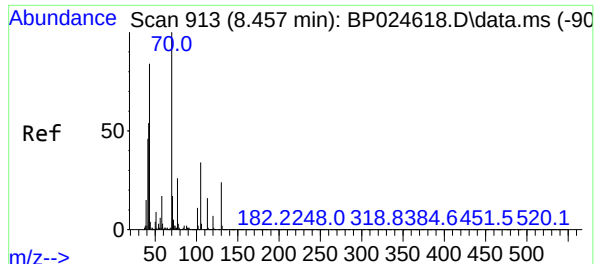
Ion Ratio Lower Upper

117 100

119 95.3 79.4 119.0

201 101.2 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 65.76 ng

RT: 8.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 363059

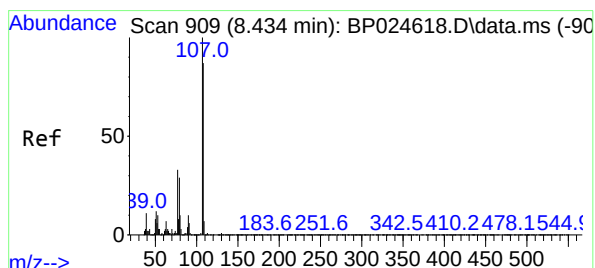
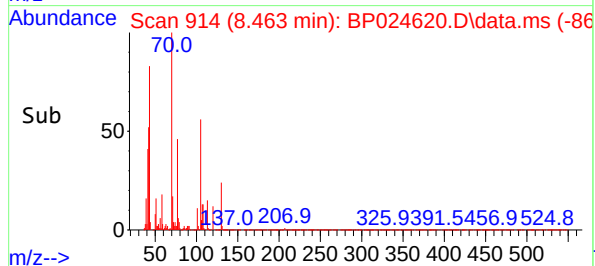
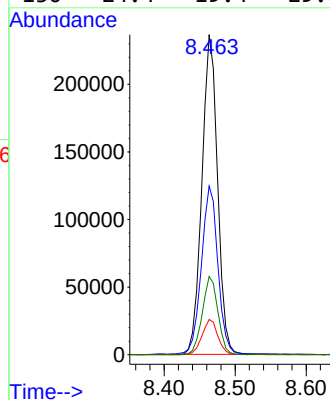
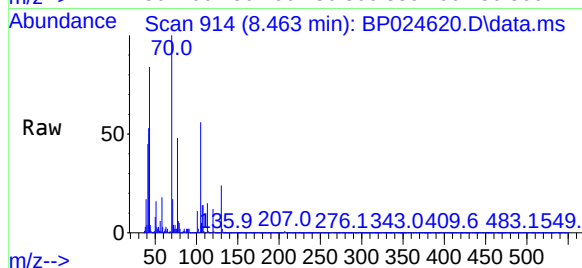
Ion Ratio Lower Upper

70 100

42 52.7 43.0 64.6

101 11.0 8.7 13.1

130 24.4 19.4 29.0



#20

3+4-Methylphenols

Concen: 67.57 ng

RT: 8.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion: 107 Resp: 543003

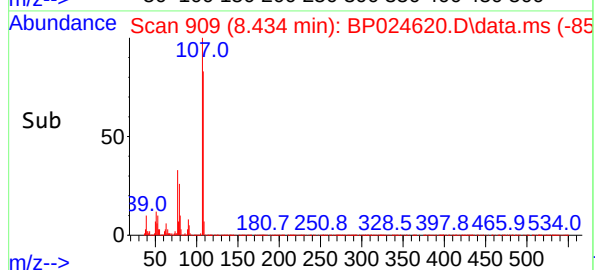
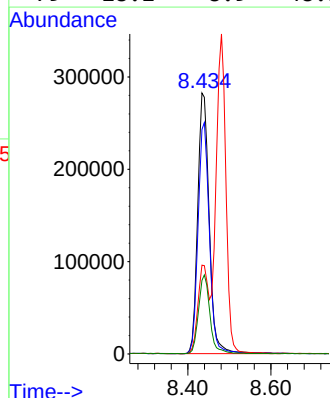
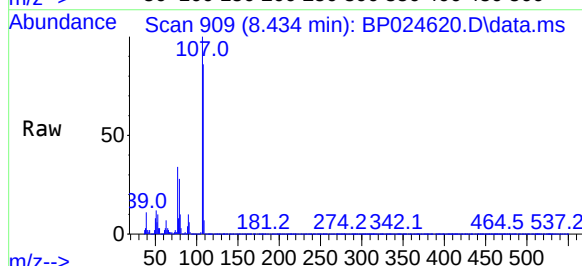
Ion Ratio Lower Upper

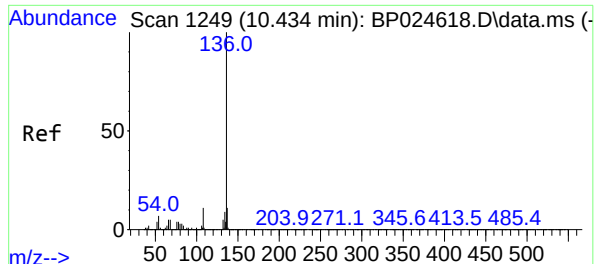
107 100

108 86.0 66.7 106.7

77 34.0 13.1 53.1

79 28.2 8.9 48.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.434 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 484921

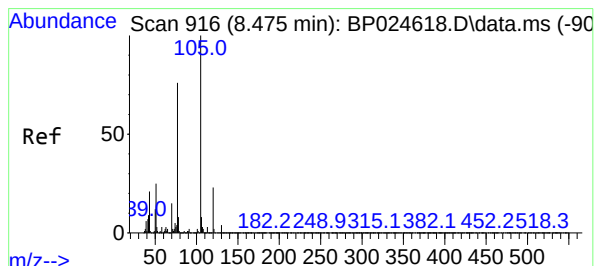
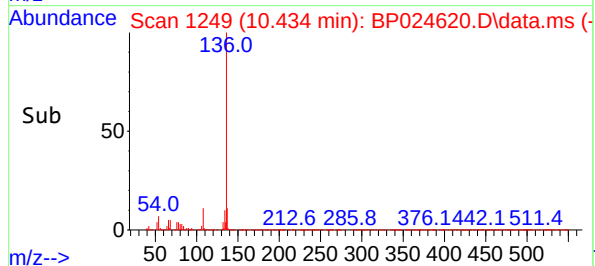
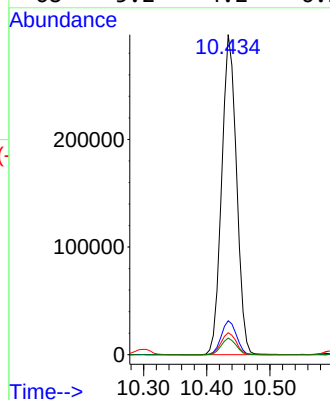
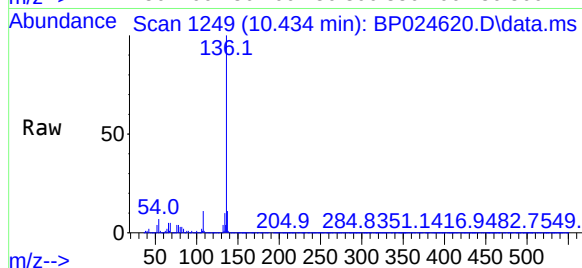
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.8 5.5 8.3

68 5.2 4.2 6.2



#22

Acetophenone

Concen: 61.45 ng

RT: 8.481 min Scan# 917

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:105 Resp: 744359

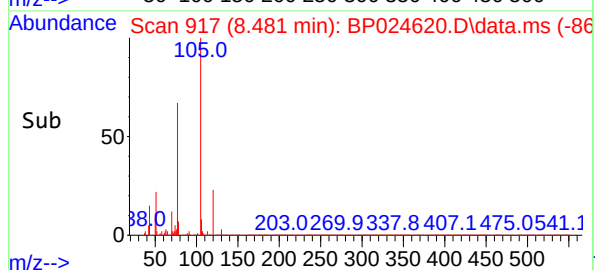
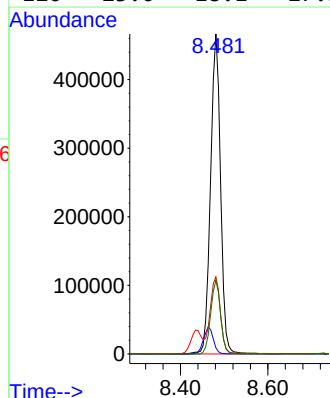
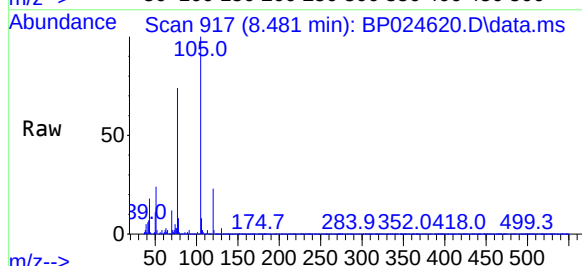
Ion Ratio Lower Upper

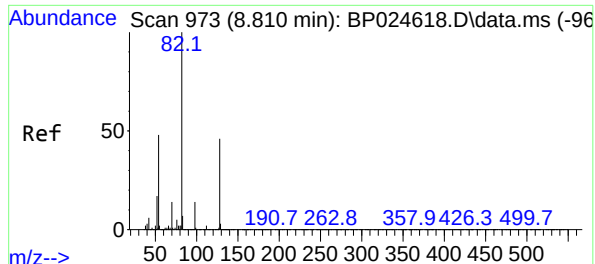
105 100

71 1.9 2.0 3.0#

51 24.1 20.4 30.6

120 23.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 123.80 ng

RT: 8.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

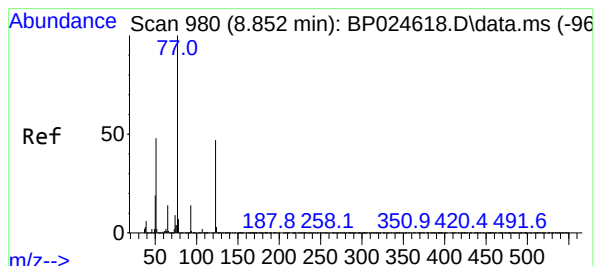
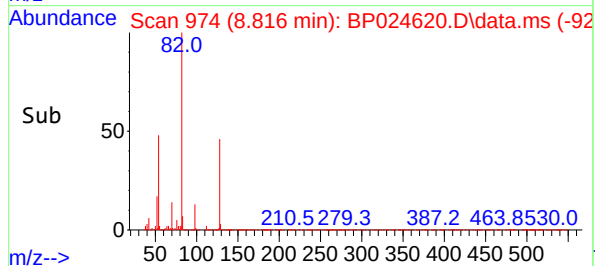
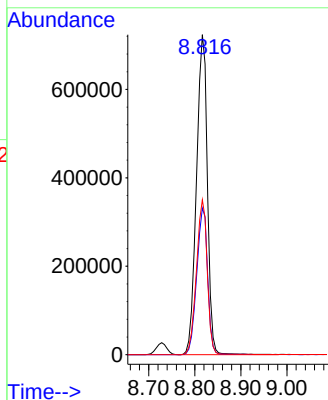
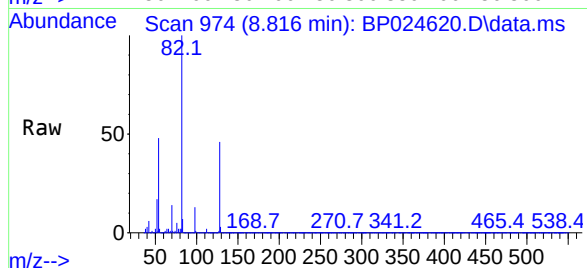
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1188192

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.4
54	48.4	38.7	58.1



#24

Nitrobenzene

Concen: 61.34 ng

RT: 8.857 min Scan# 981

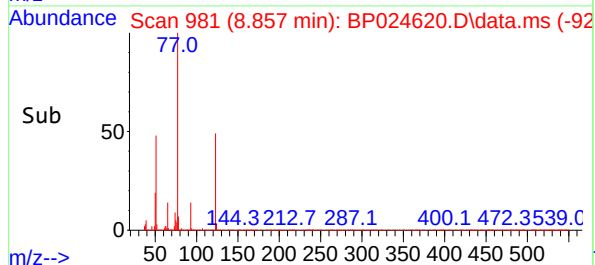
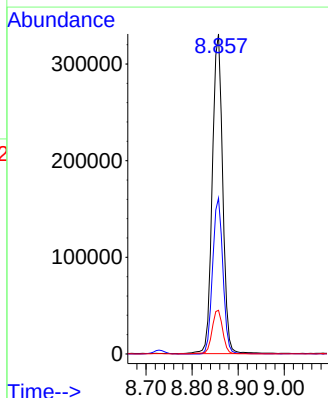
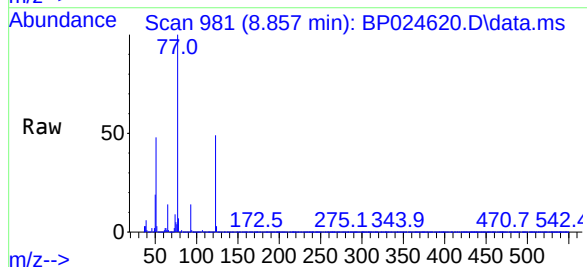
Delta R.T. 0.006 min

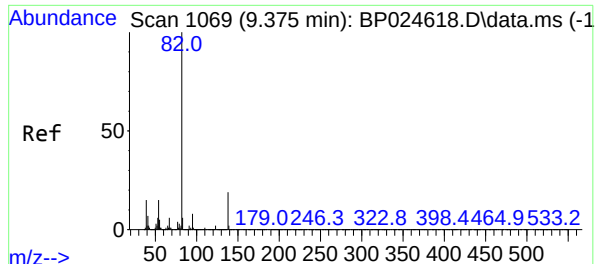
Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion: 77 Resp: 518098

Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.4	56.0
65	13.7	11.3	16.9

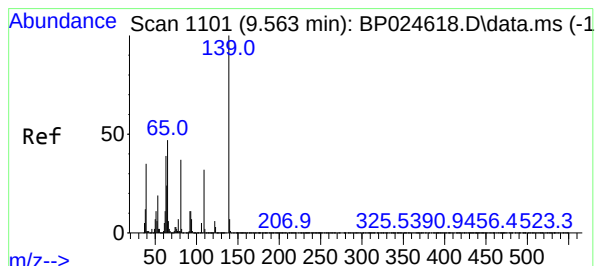
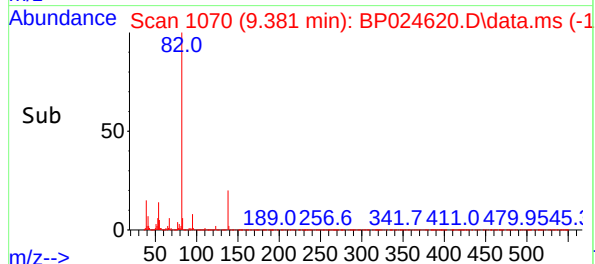
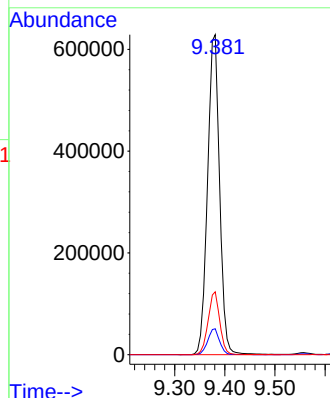
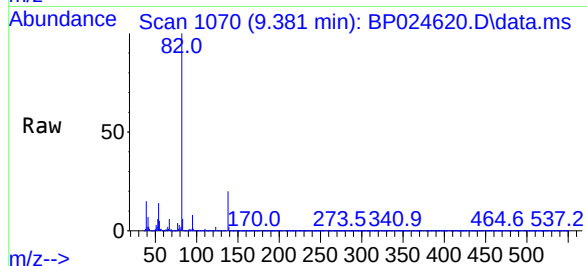




#25
Isophorone
Concen: 62.98 ng
RT: 9.381 min Scan# 1069
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

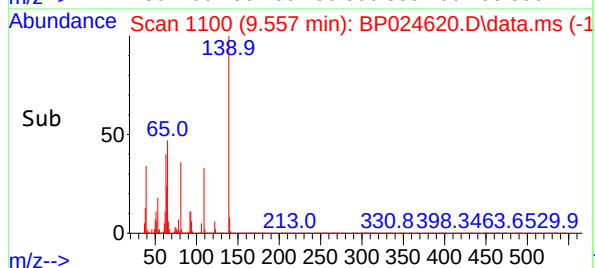
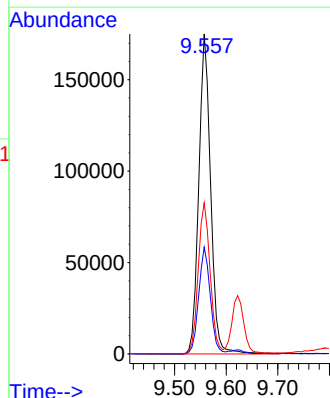
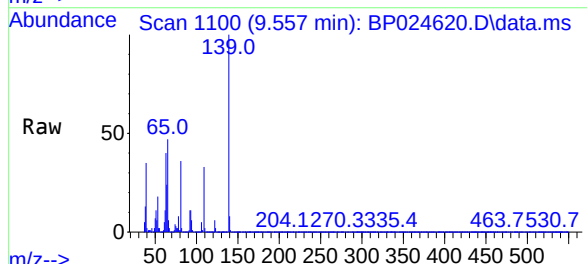
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

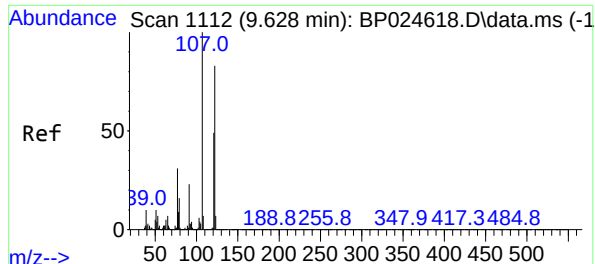
Tgt Ion: 82 Resp: 1048461
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 19.7 15.3 22.9



#26
2-Nitrophenol
Concen: 67.36 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 139 Resp: 278764
Ion Ratio Lower Upper
139 100
109 33.4 25.9 38.9
65 47.3 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 63.34 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

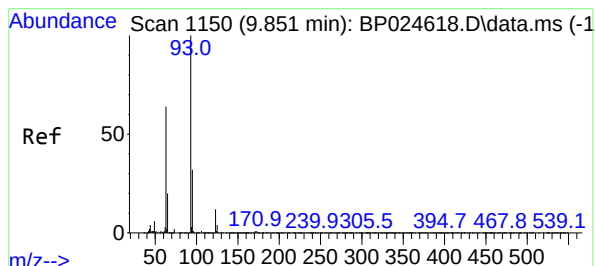
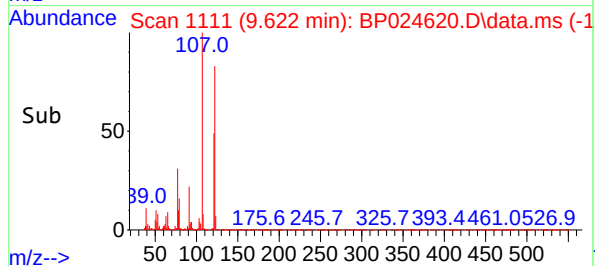
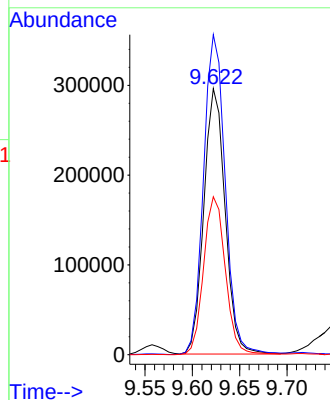
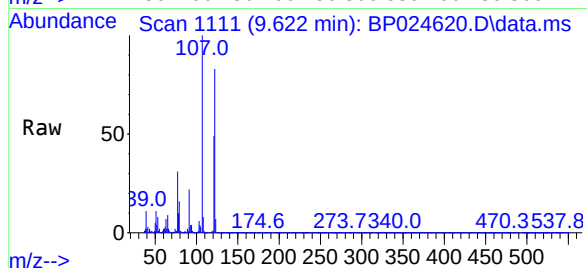
Tgt Ion:122 Resp: 462148

Ion Ratio Lower Upper

122 100

107 120.2 96.2 144.2

121 59.3 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 61.35 ng

RT: 9.851 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

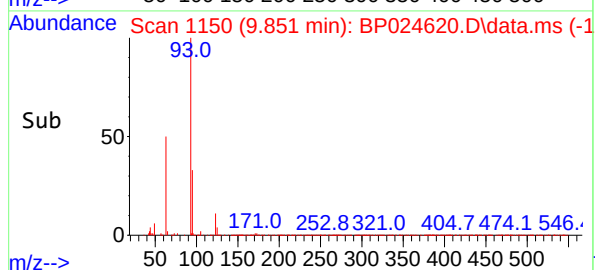
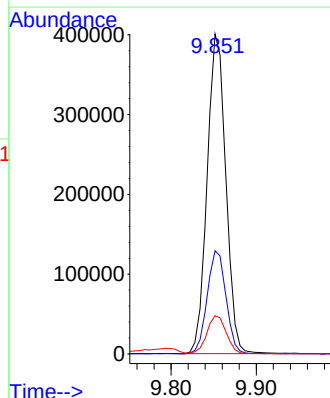
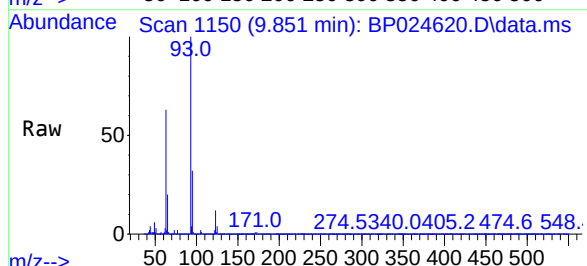
Tgt Ion: 93 Resp: 610221

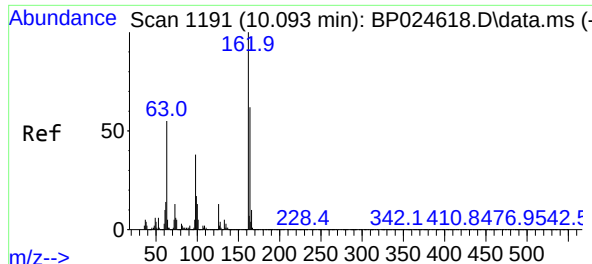
Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

123 11.9 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 65.03 ng

RT: 10.093 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

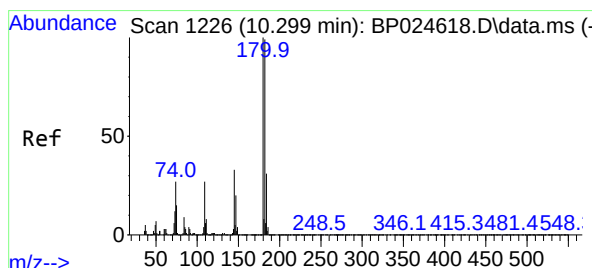
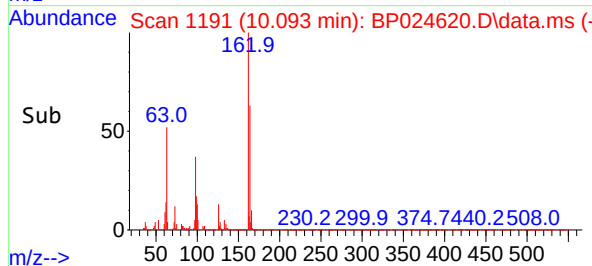
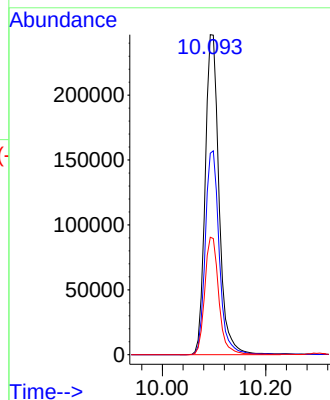
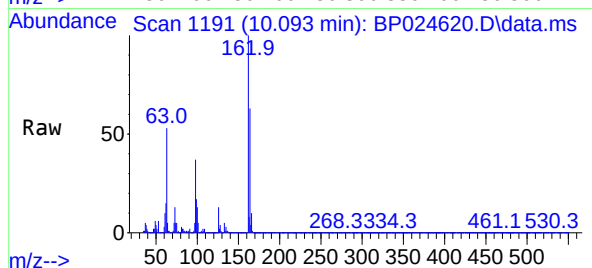
Tgt Ion:162 Resp: 459806

Ion Ratio Lower Upper

162 100

164 62.9 42.3 82.3

98 36.7 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 60.05 ng

RT: 10.299 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

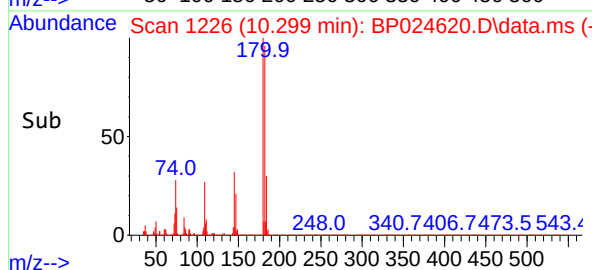
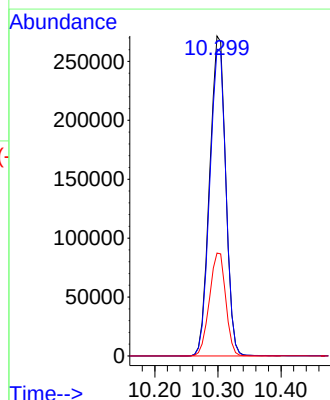
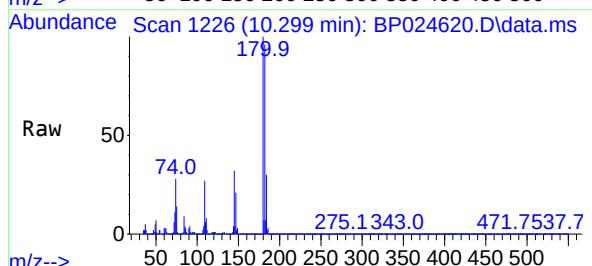
Tgt Ion:180 Resp: 478505

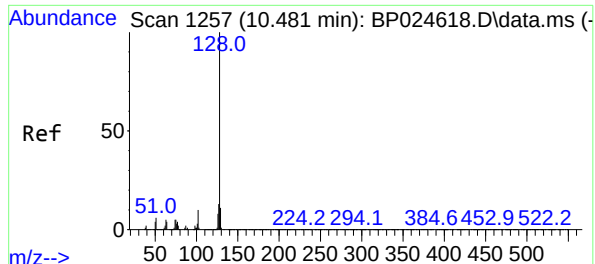
Ion Ratio Lower Upper

180 100

182 95.9 79.0 118.4

145 32.2 26.6 39.8





#31

Naphthalene

Concen: 60.03 ng

RT: 10.487 min Scan# 1141

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

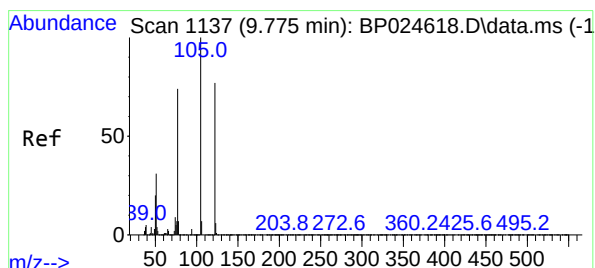
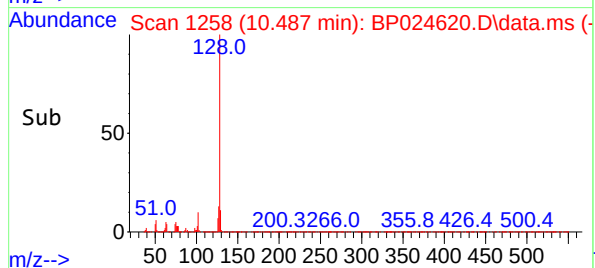
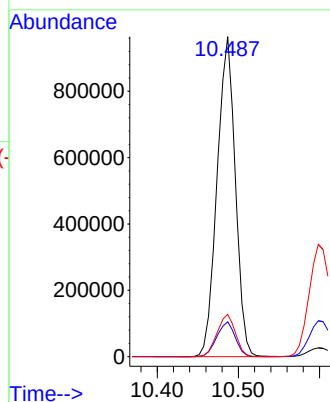
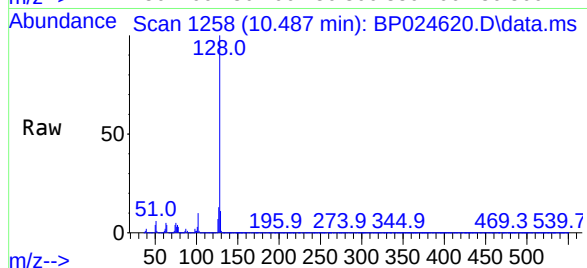
Tgt Ion:128 Resp: 1508460

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 60.53 ng

RT: 9.799 min Scan# 1141

Delta R.T. 0.024 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

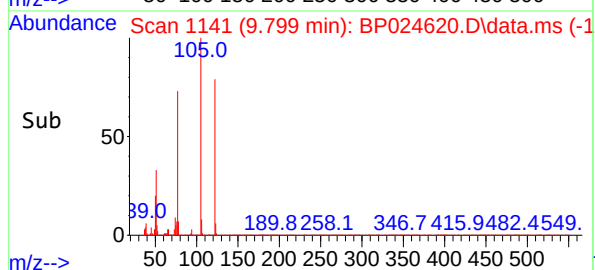
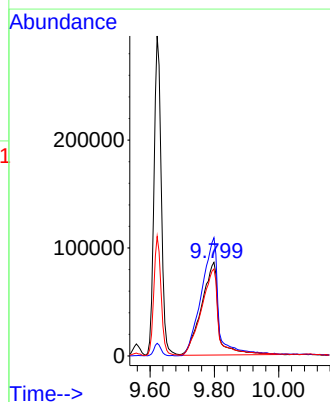
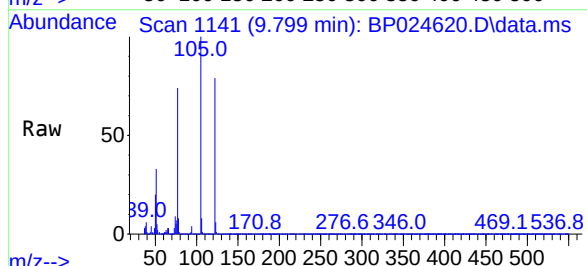
Tgt Ion:122 Resp: 319375

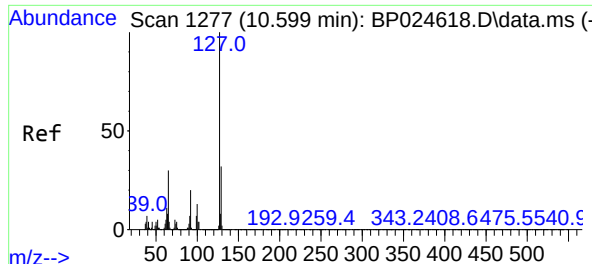
Ion Ratio Lower Upper

122 100

105 126.3 106.9 146.9

77 93.0 75.1 115.1

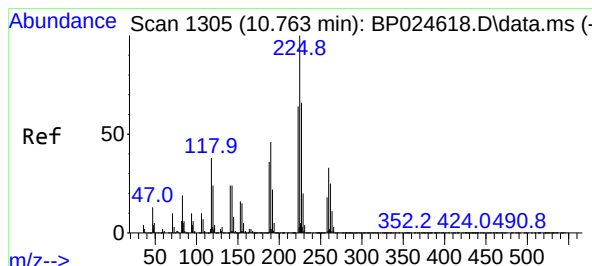
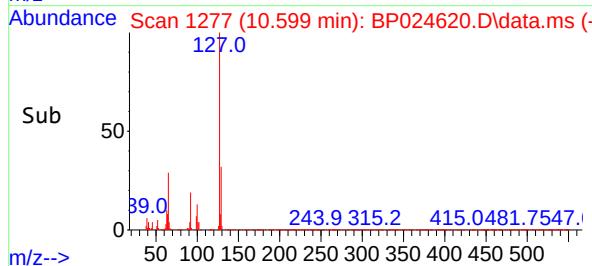
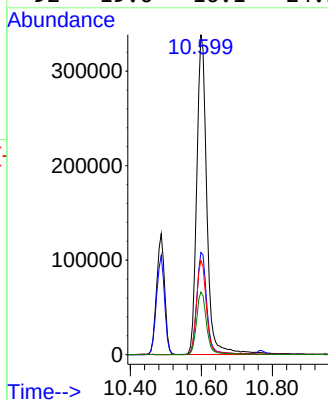
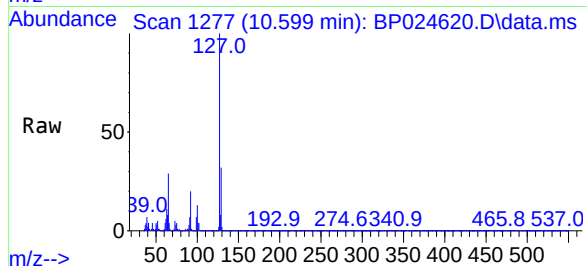




#33
4-Chloroaniline
Concen: 66.26 ng
RT: 10.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

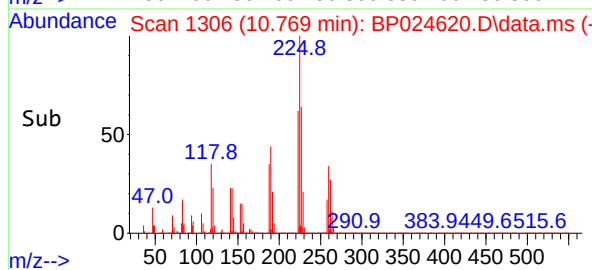
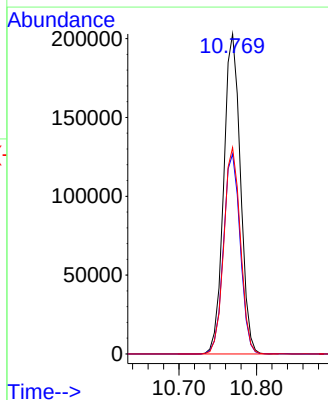
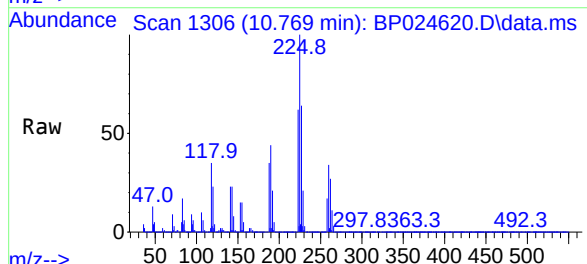
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:	127	Resp:	671888
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	29.4	23.9	35.9
92	19.6	16.1	24.1

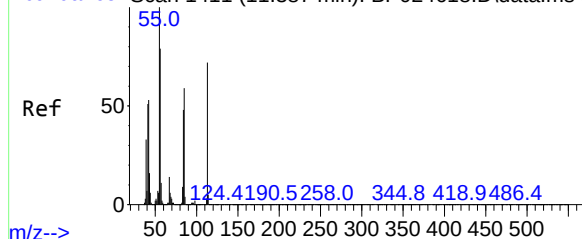


#34
Hexachlorobutadiene
Concen: 58.79 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:	225	Resp:	303458
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.5	53.1	79.7



Abundance Scan 1411 (11.387 min): BP024618.D\data.ms (-



#35

Caprolactam

Concen: 68.70 ng

RT: 11.404 min Scan# 1411

Delta R.T. 0.018 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:113 Resp: 175653

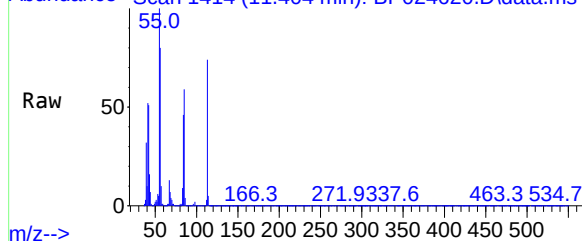
Ion Ratio Lower Upper

113 100

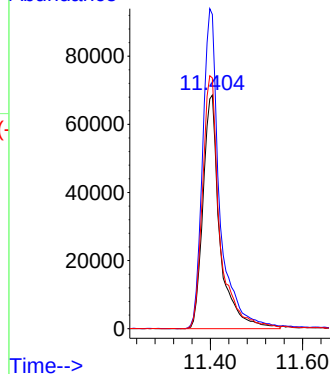
55 134.5 119.0 159.0

56 107.3 90.3 130.3

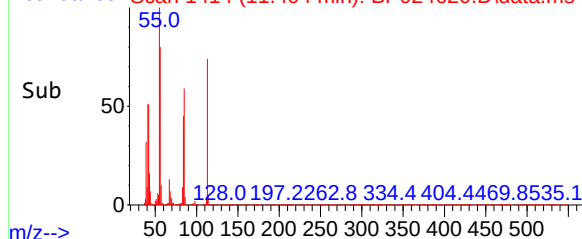
Abundance Scan 1414 (11.404 min): BP024620.D\data.ms



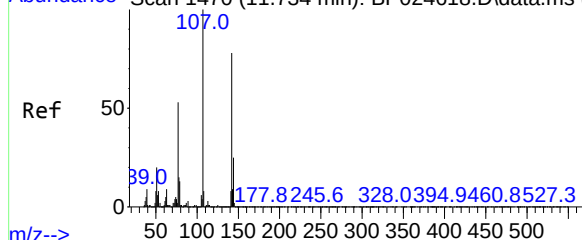
Abundance



Abundance Scan 1414 (11.404 min): BP024620.D\data.ms (-



Abundance Scan 1470 (11.734 min): BP024618.D\data.ms (-



#36

4-Chloro-3-methylphenol

Concen: 64.84 ng

RT: 11.740 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:107 Resp: 559138

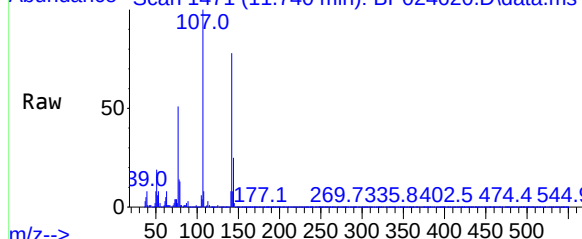
Ion Ratio Lower Upper

107 100

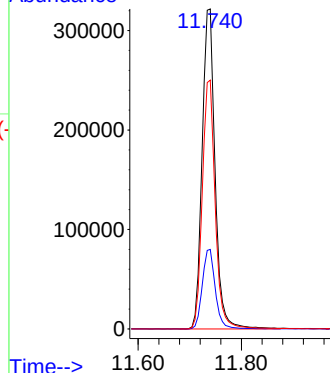
144 24.9 20.1 30.1

142 77.8 62.1 93.1

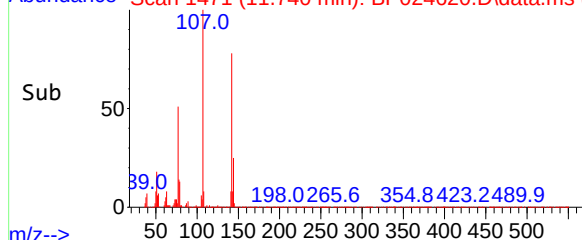
Abundance Scan 1471 (11.740 min): BP024620.D\data.ms

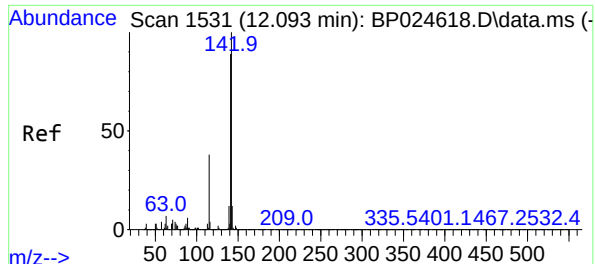


Abundance



Abundance Scan 1471 (11.740 min): BP024620.D\data.ms (-

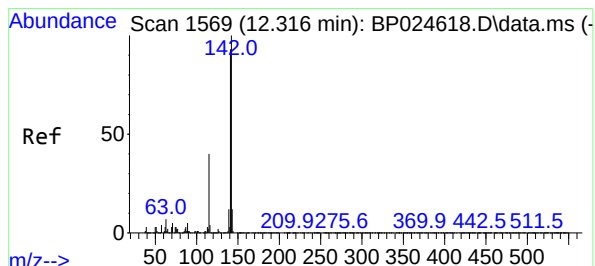
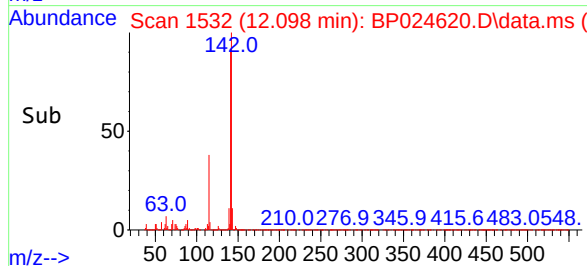
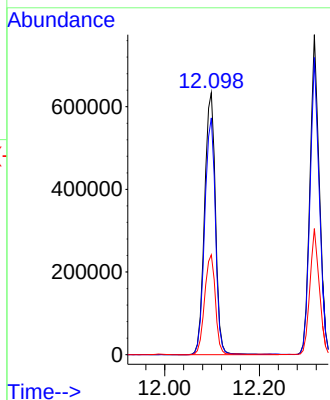
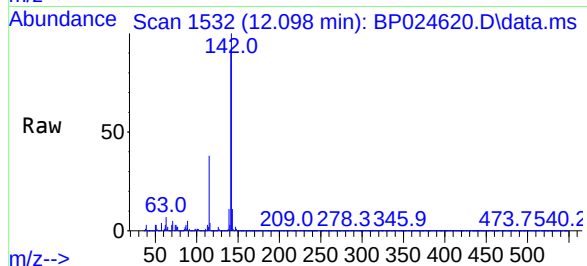




#37
2-Methylnaphthalene
Concen: 61.96 ng
RT: 12.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

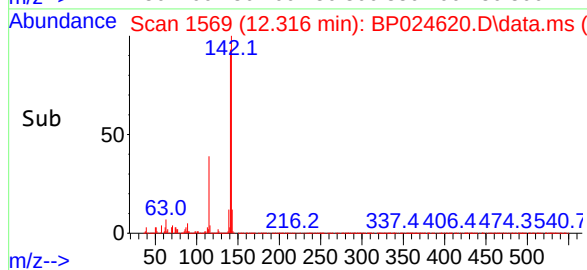
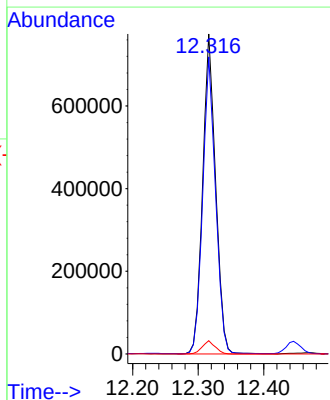
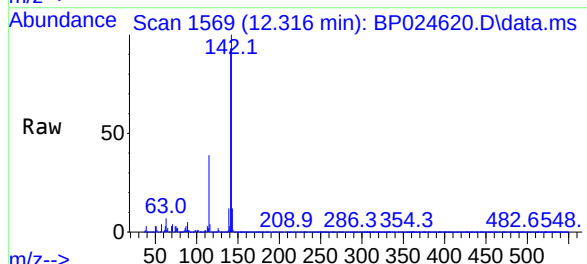
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

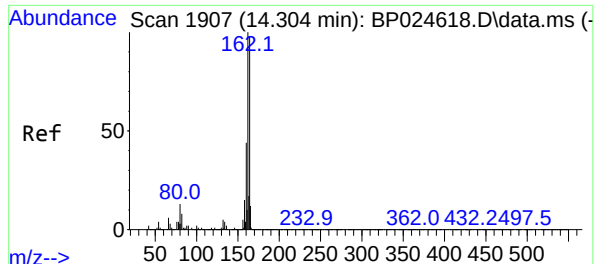
Tgt Ion:142 Resp: 1008171
Ion Ratio Lower Upper
142 100
141 90.4 71.2 106.8
115 38.1 30.6 46.0



#38
1-Methylnaphthalene
Concen: 61.25 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:142 Resp: 1066290
Ion Ratio Lower Upper
142 100
141 92.9 74.7 112.1
116 4.2 3.4 5.2

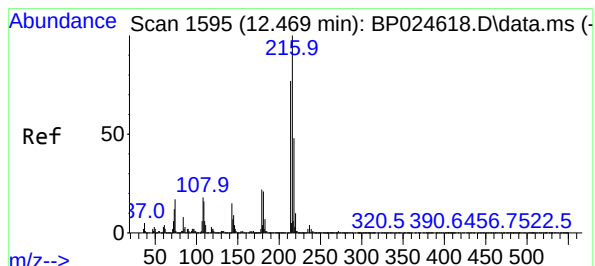
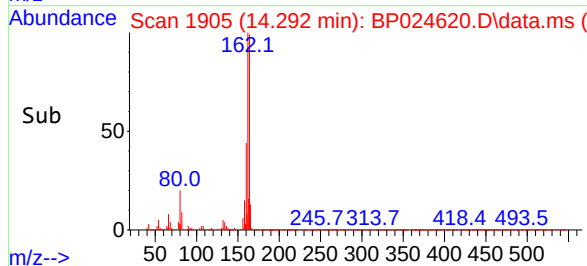
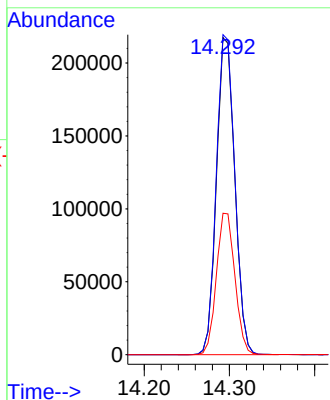
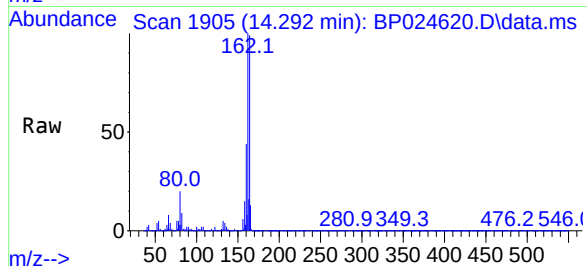




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

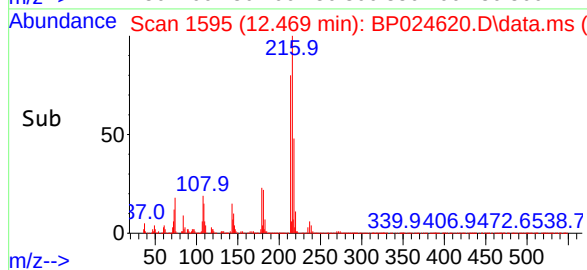
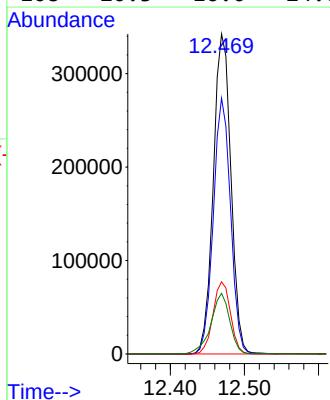
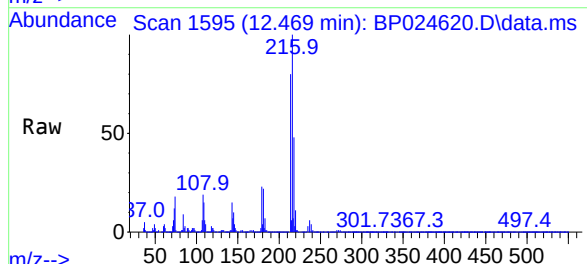
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

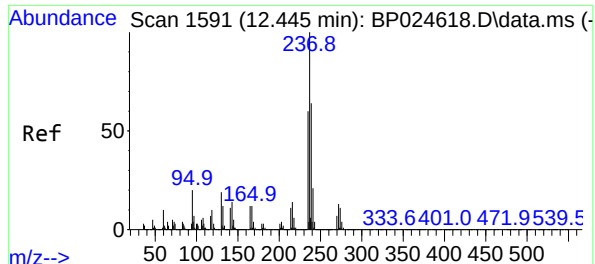
Tgt Ion:164 Resp: 325327
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 44.6 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.97 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:216 Resp: 566530
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 22.4 17.7 26.5
108 20.3 16.0 24.0

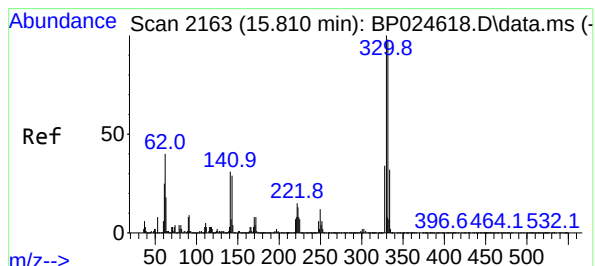
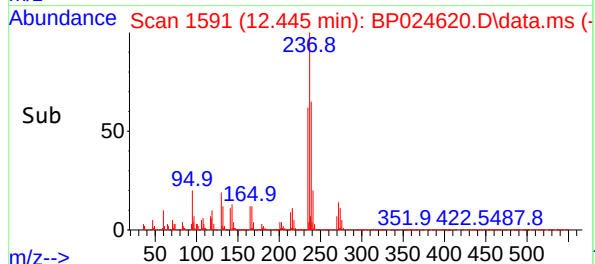
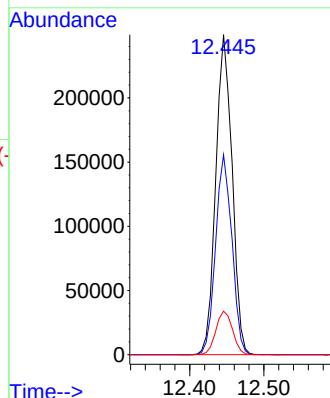
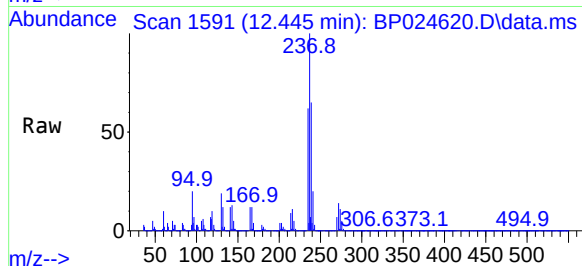




#41
Hexachlorocyclopentadiene
Concen: 66.62 ng
RT: 12.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

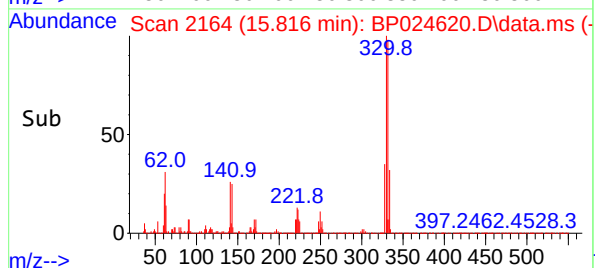
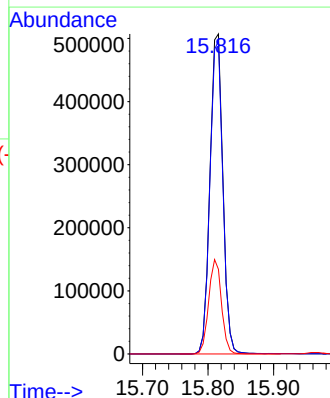
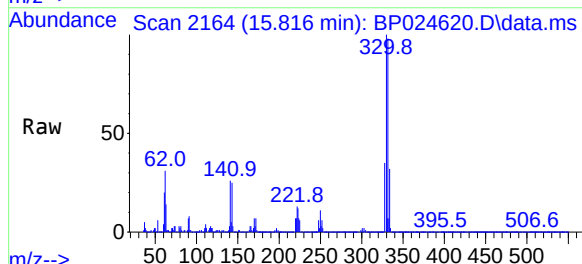
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

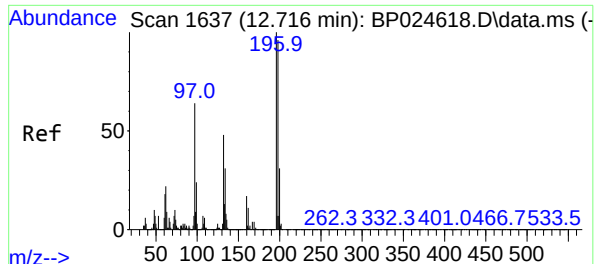
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.4	39.9	79.9
272	13.6	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 126.27 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	29.3	24.3	36.5





#43

2,4,6-Trichlorophenol

Concen: 65.46 ng

RT: 12.716 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

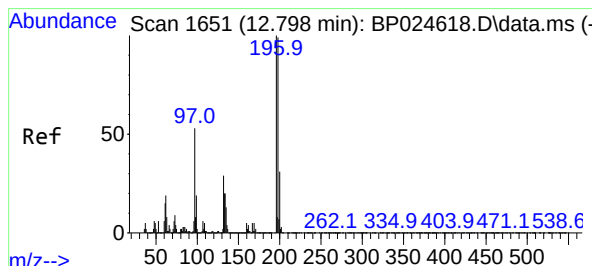
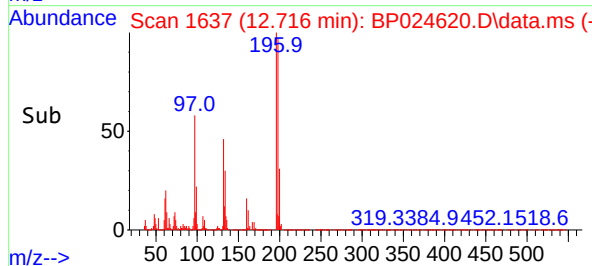
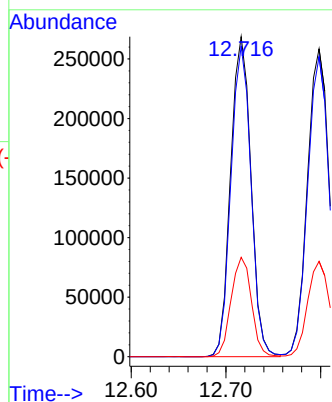
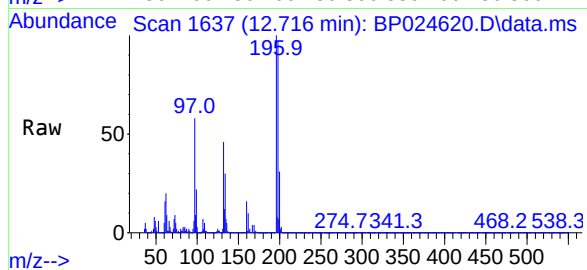
Tgt Ion:196 Resp: 400552

Ion Ratio Lower Upper

196 100

198 97.0 76.9 115.3

200 31.0 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 64.06 ng

RT: 12.798 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:196 Resp: 436361

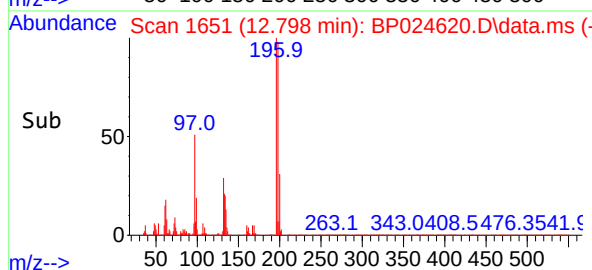
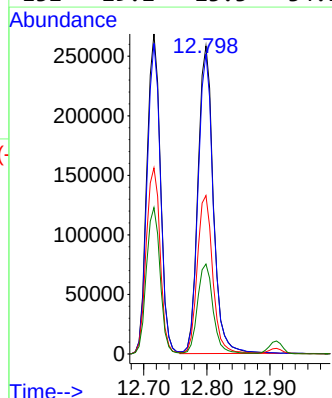
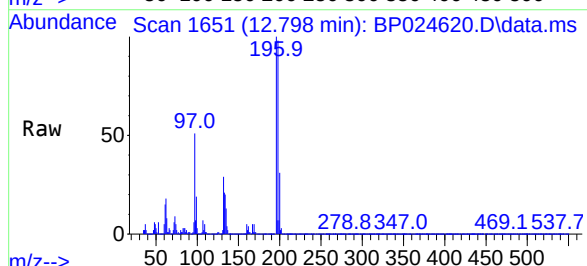
Ion Ratio Lower Upper

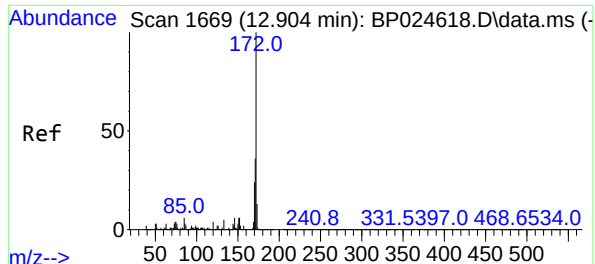
196 100

198 97.5 79.2 118.8

97 51.4 42.3 63.5

132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 119.08 ng

RT: 12.910 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

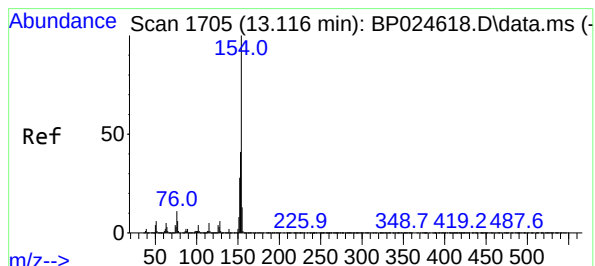
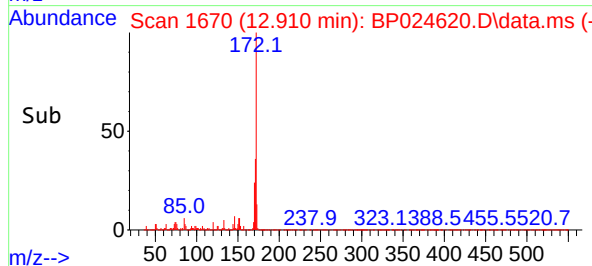
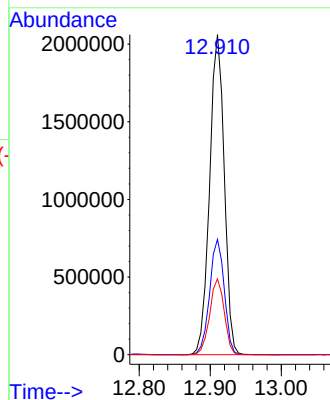
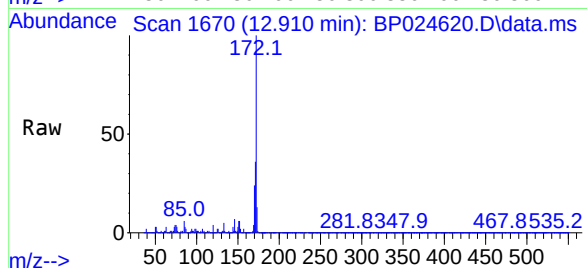
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:172 Resp: 2956939

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.7	18.8	28.2



#46

1,1'-Biphenyl

Concen: 59.80 ng

RT: 13.122 min Scan# 1706

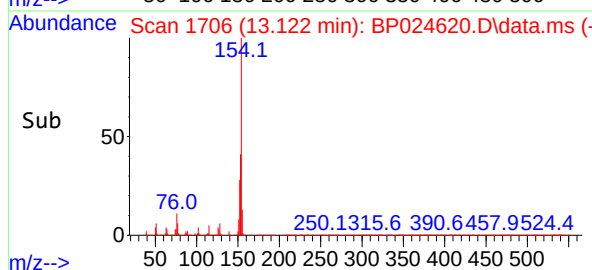
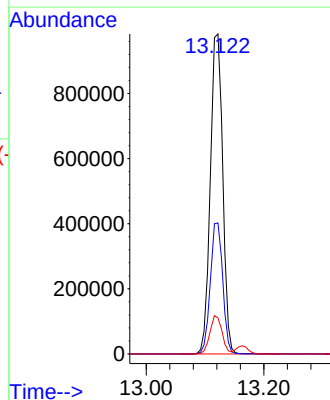
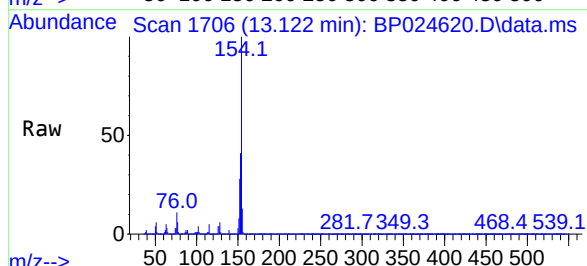
Delta R.T. 0.006 min

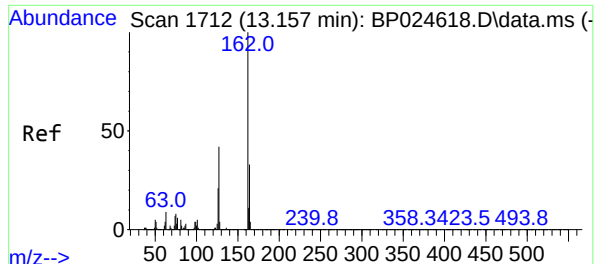
Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:154 Resp: 1437786

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	11.3	0.0	31.5





#47

2-Chloronaphthalene

Concen: 60.29 ng

RT: 13.163 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

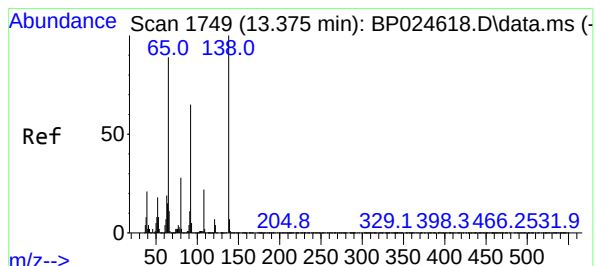
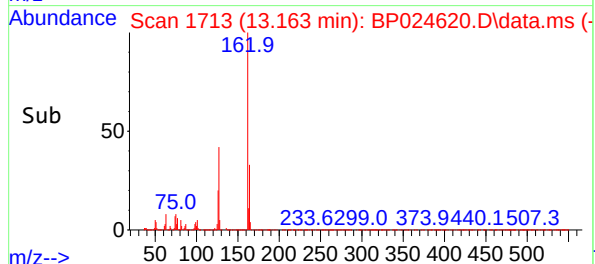
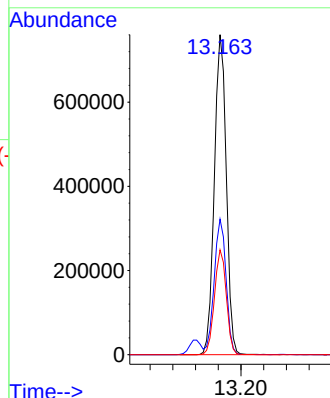
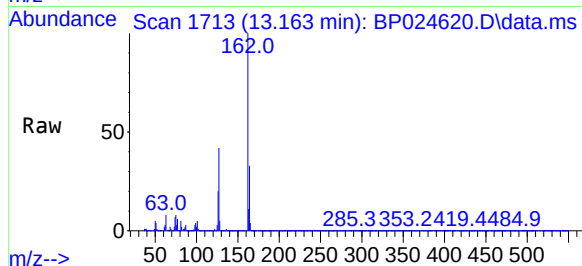
Tgt Ion:162 Resp: 1105298

Ion Ratio Lower Upper

162 100

127 42.3 33.8 50.6

164 32.8 26.0 39.0



#48

2-Nitroaniline

Concen: 65.40 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

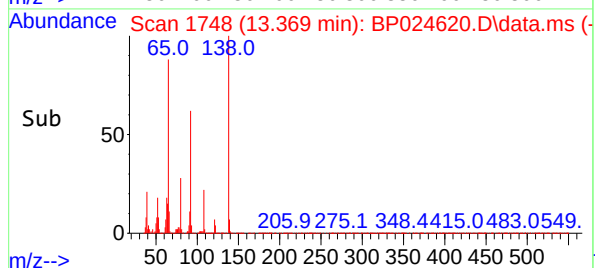
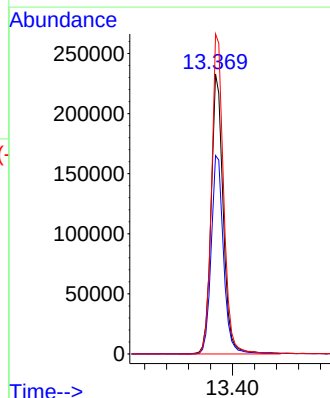
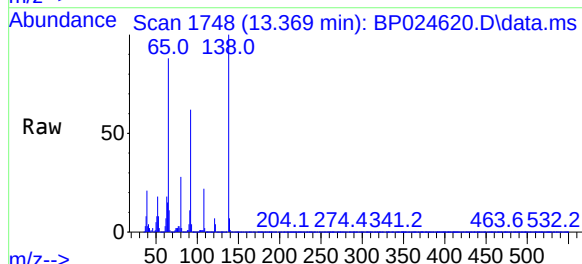
Tgt Ion: 65 Resp: 354977

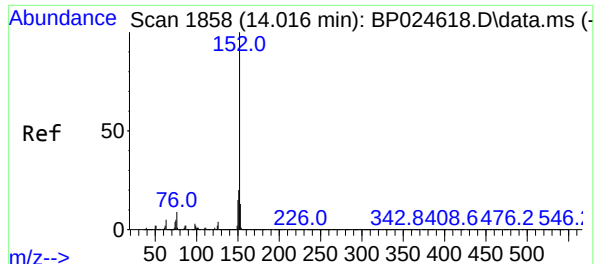
Ion Ratio Lower Upper

65 100

92 70.9 58.7 88.1

138 114.3 90.2 135.2





#49

Acenaphthylene

Concen: 61.41 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

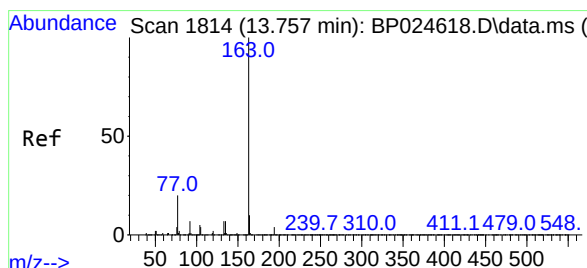
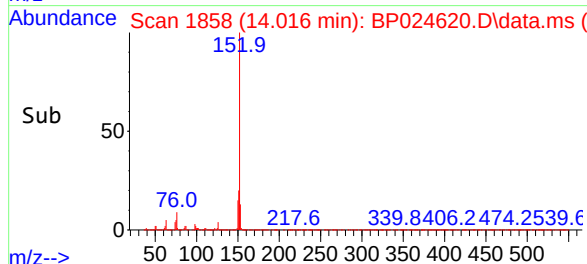
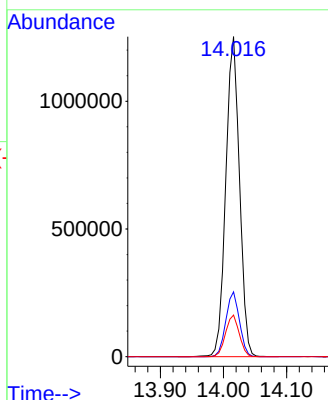
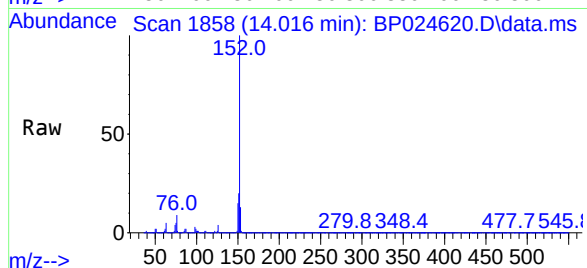
Tgt Ion:152 Resp: 1884018

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 60.42 ng

RT: 13.757 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

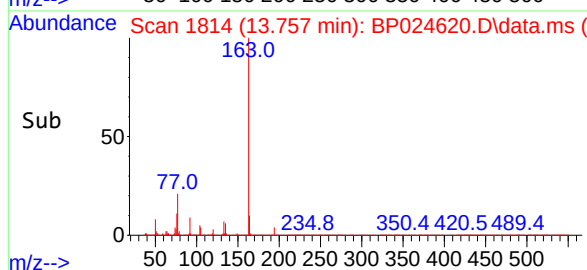
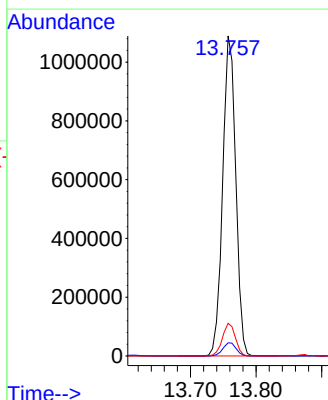
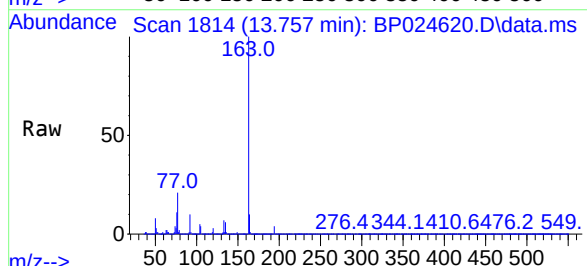
Tgt Ion:163 Resp: 1498318

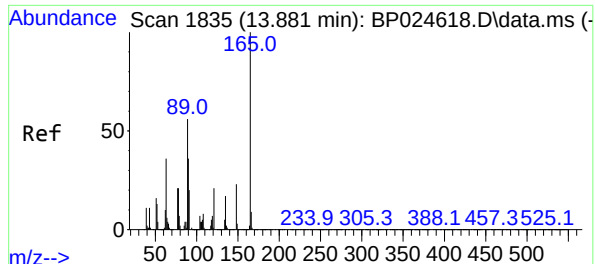
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.1 12.1

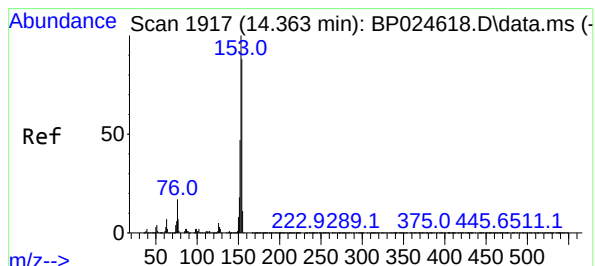
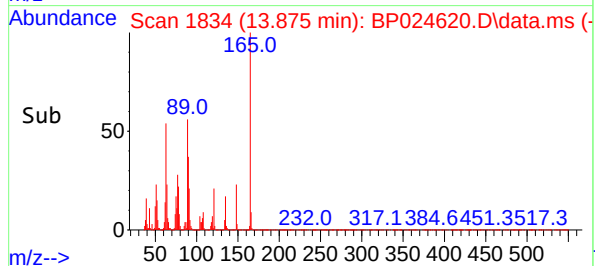
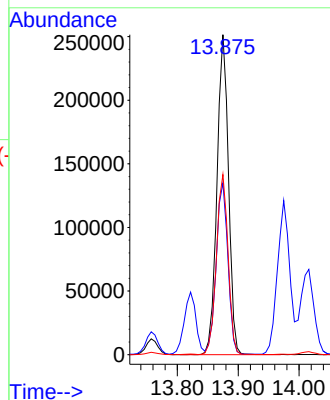
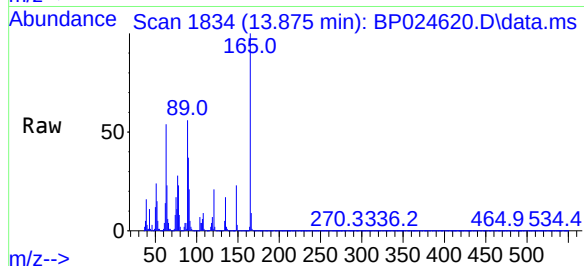




#51
2,6-Dinitrotoluene
Concen: 62.76 ng
RT: 13.875 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

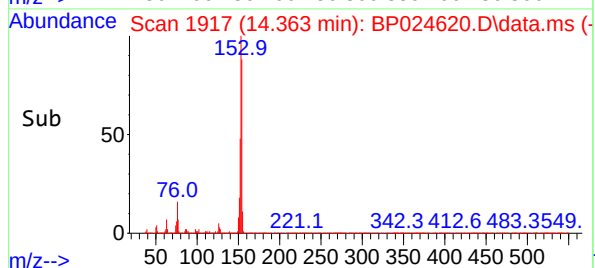
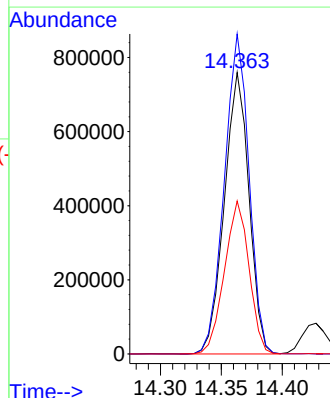
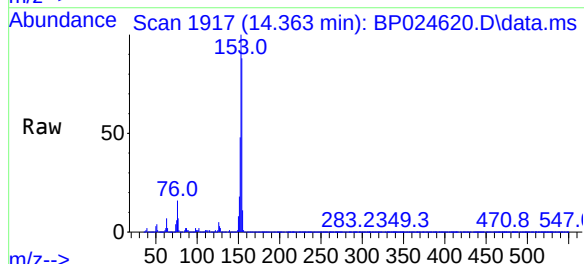
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

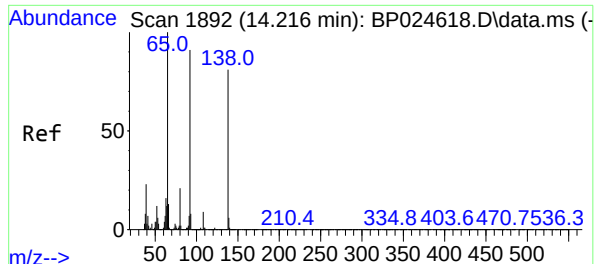
Tgt Ion:165 Resp: 328682
Ion Ratio Lower Upper
165 100
63 53.7 42.4 63.6
89 56.3 44.8 67.2



#52
Acenaphthene
Concen: 60.80 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:154 Resp: 1072483
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 54.4 42.9 64.3

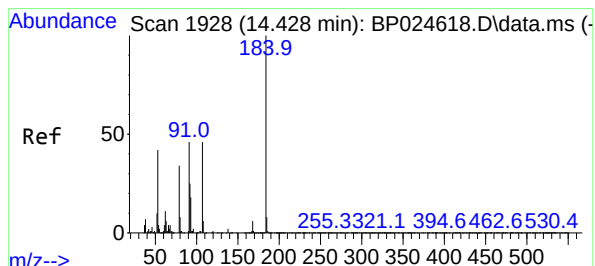
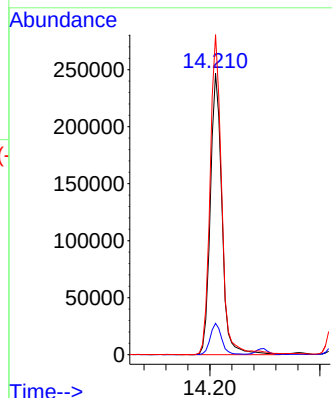
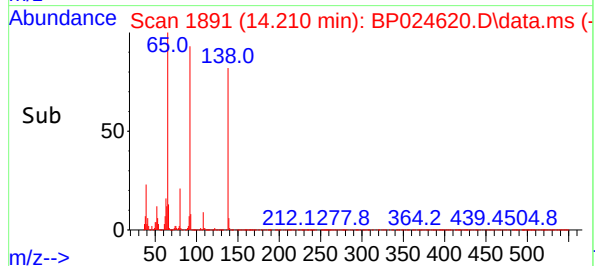
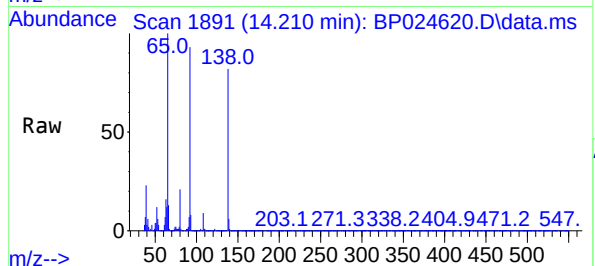




#53
3-Nitroaniline
Concen: 67.54 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

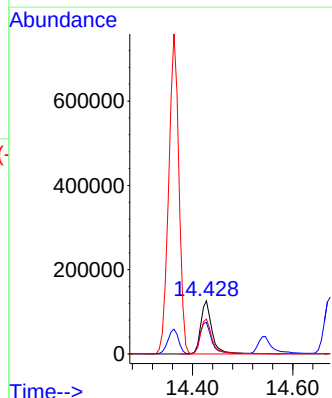
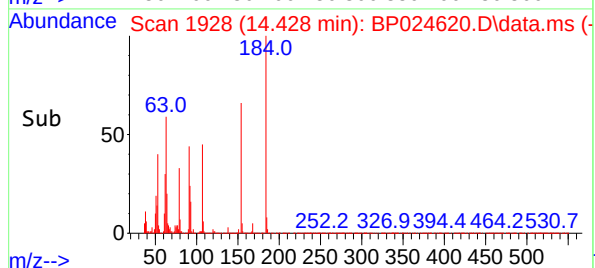
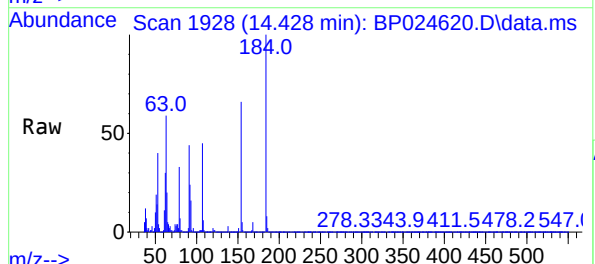
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

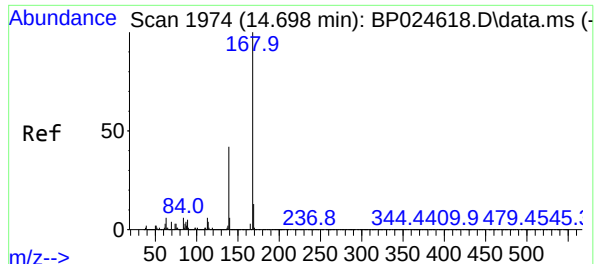
Tgt Ion:138 Resp: 361174
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 113.7 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 61.10 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:184 Resp: 196350
Ion Ratio Lower Upper
184 100
63 59.3 51.3 76.9
154 65.7 53.5 80.3

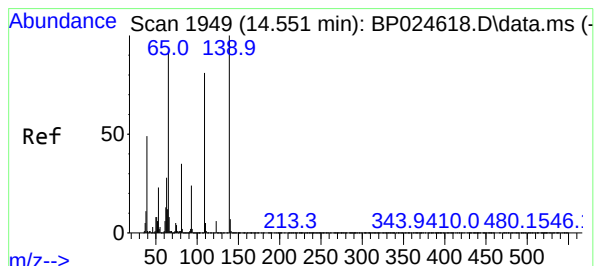
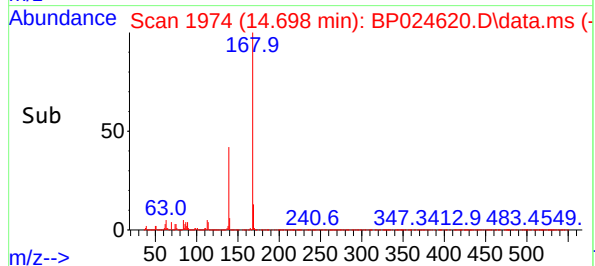
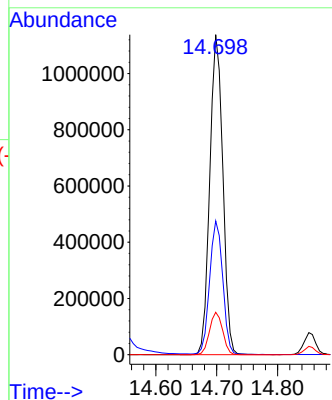
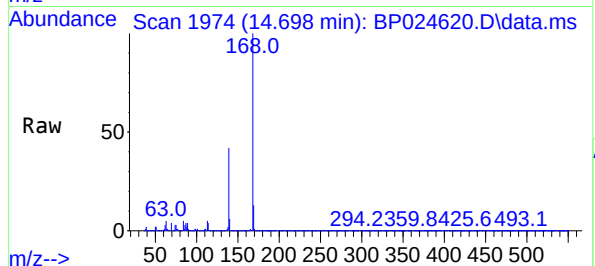




#55
Dibenzofuran
Concen: 60.13 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

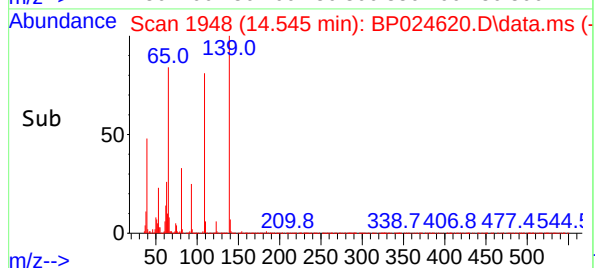
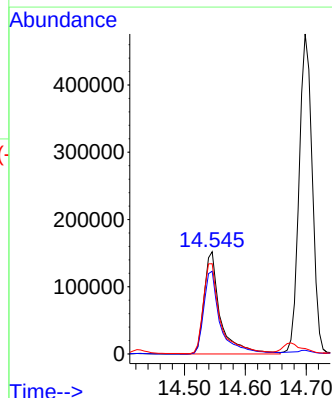
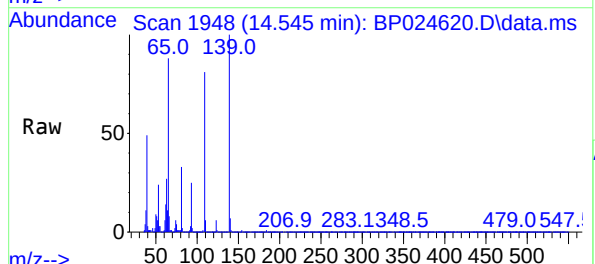
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

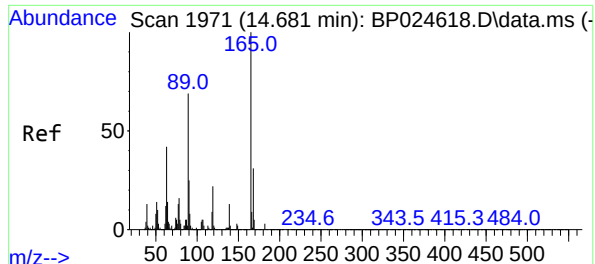
Tgt Ion:168 Resp: 1691790
Ion Ratio Lower Upper
168 100
139 41.8 34.2 51.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 61.78 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:139 Resp: 281293
Ion Ratio Lower Upper
139 100
109 80.9 61.4 101.4
65 88.2 72.2 112.2

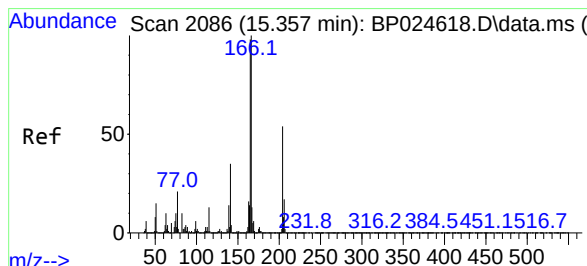
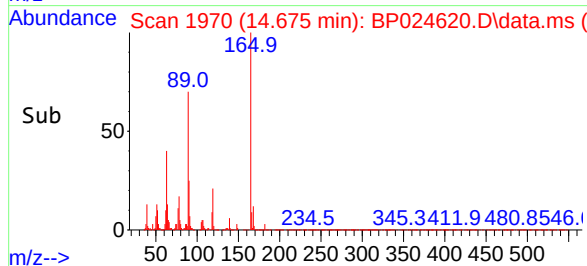
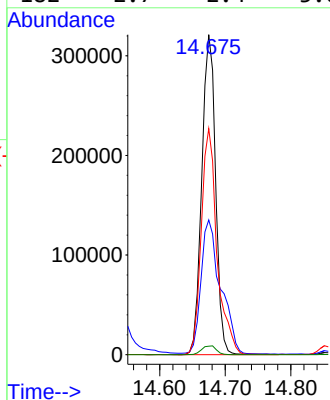
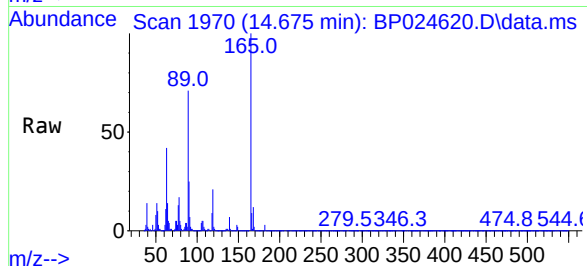




#57
2,4-Dinitrotoluene
Concen: 63.87 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

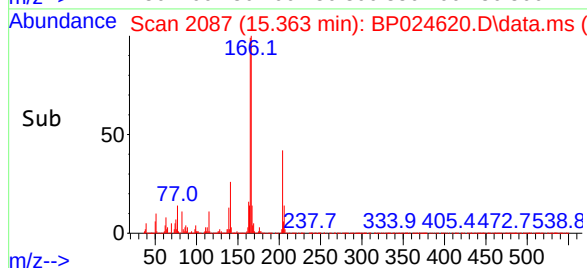
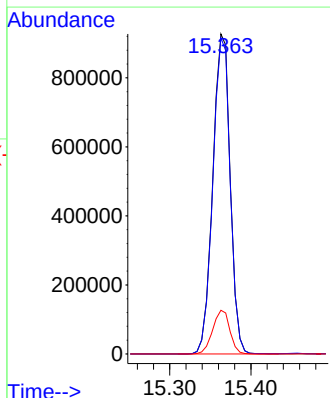
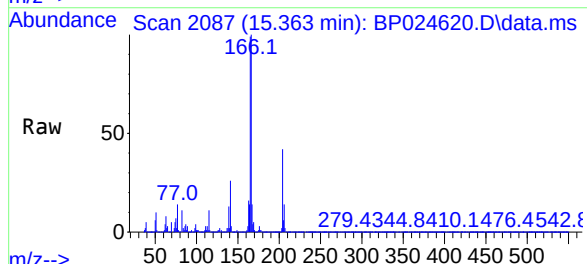
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

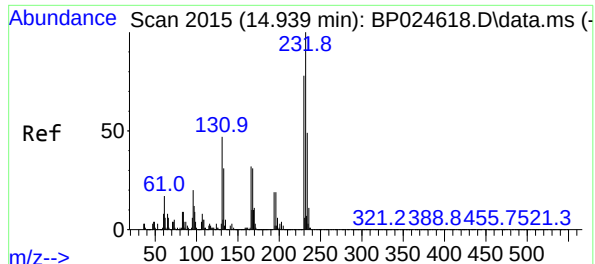
Tgt Ion:165 Resp: 471525
Ion Ratio Lower Upper
165 100
63 42.1 33.8 50.6
89 70.6 55.6 83.4
182 2.7 2.4 3.6



#58
Fluorene
Concen: 60.00 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:166 Resp: 1376412
Ion Ratio Lower Upper
166 100
165 98.8 78.5 117.7
167 13.6 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 62.78 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 396678

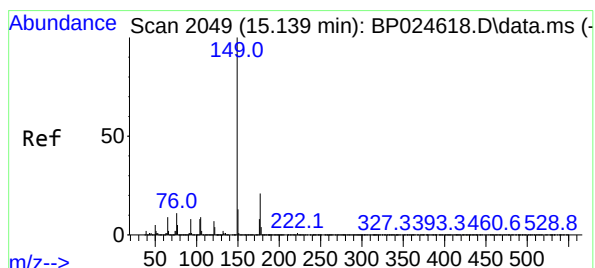
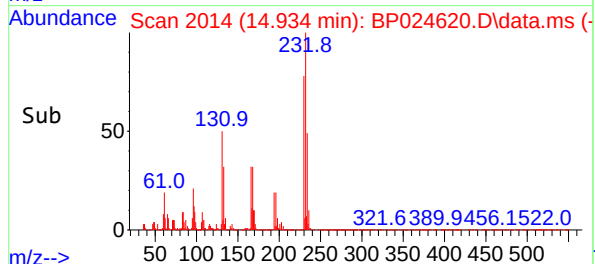
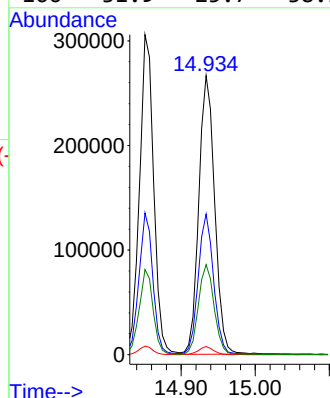
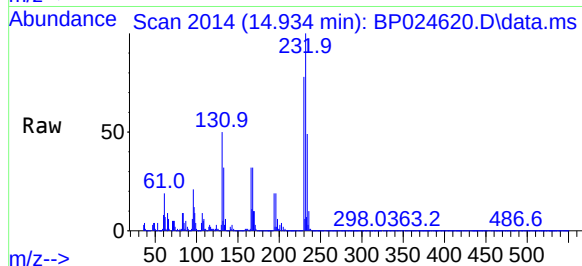
Ion Ratio Lower Upper

232 100

131 49.0 39.5 59.3

130 2.7 2.2 3.4

166 31.9 25.7 38.5



#60

Diethylphthalate

Concen: 60.87 ng

RT: 15.134 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

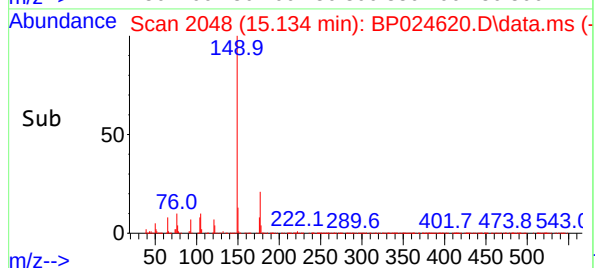
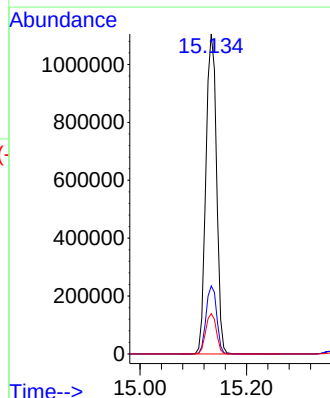
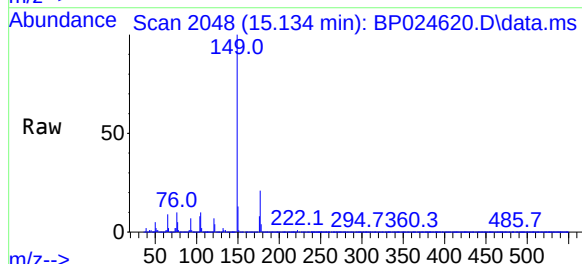
Tgt Ion:149 Resp: 1525628

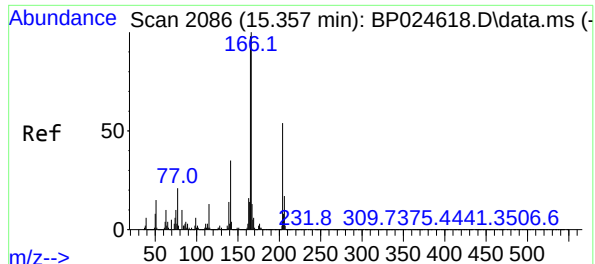
Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

150 12.6 10.2 15.2





#61

4-Chlorophenyl-phenylether

Concen: 60.51 ng

RT: 15.357 min Scan# 2086

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

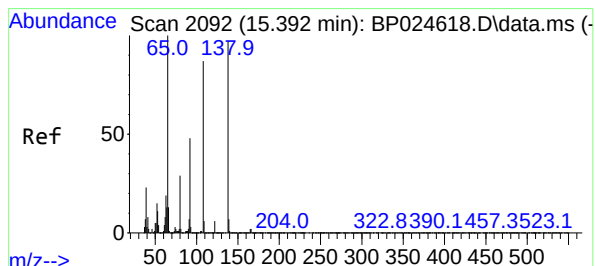
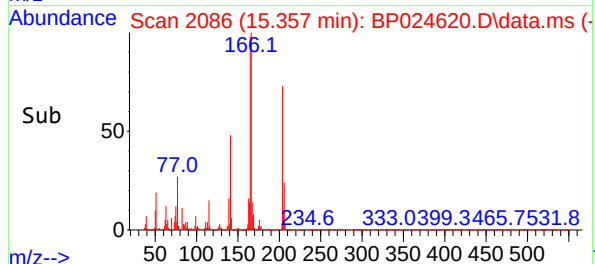
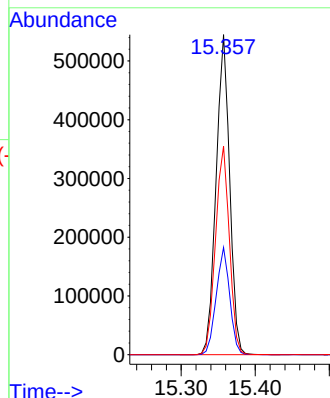
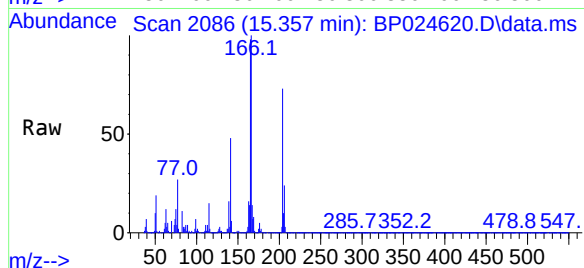
Tgt Ion:204 Resp: 692230

Ion Ratio Lower Upper

204 100

206 33.5 26.0 39.0

141 65.2 52.9 79.3



#62

4-Nitroaniline

Concen: 68.05 ng

RT: 15.404 min Scan# 2094

Delta R.T. 0.012 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

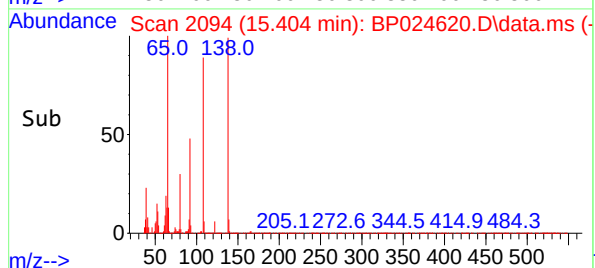
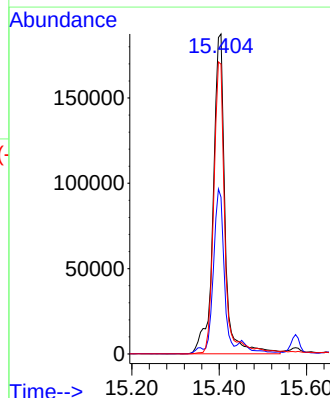
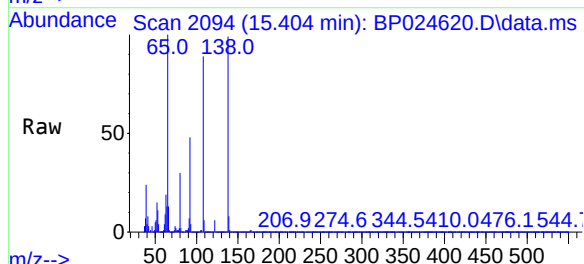
Tgt Ion:138 Resp: 354287

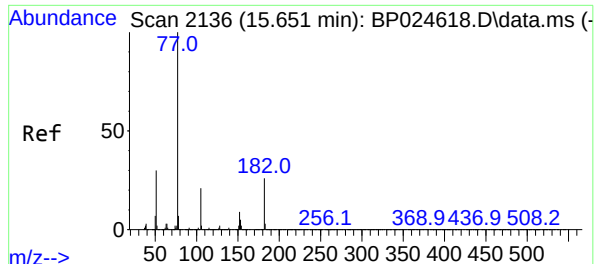
Ion Ratio Lower Upper

138 100

92 49.0 29.2 69.2

108 90.5 69.0 109.0



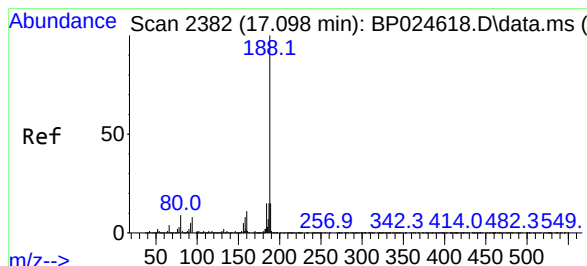
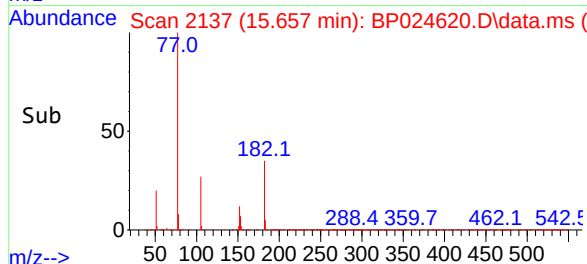
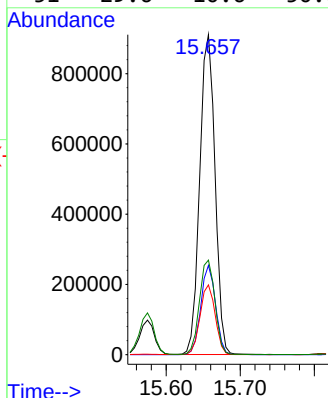
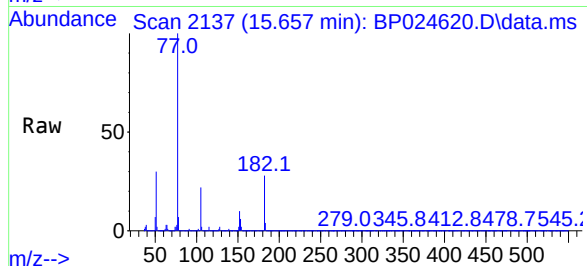


#63
Azobenzene
Concen: 61.14 ng
RT: 15.657 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1310800

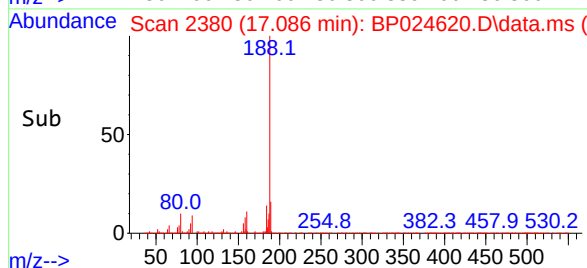
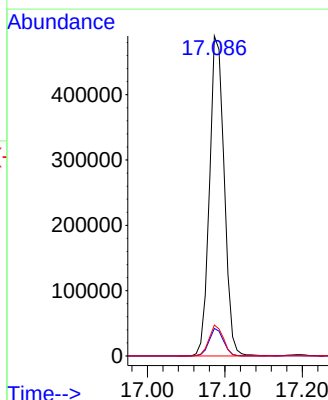
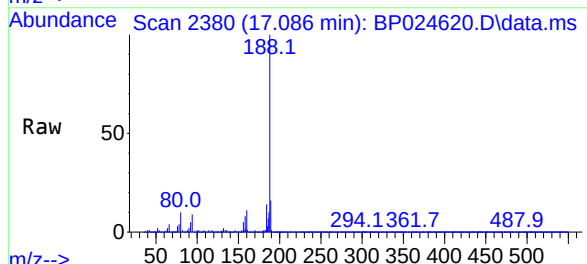
Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.7	45.7
105	21.8	1.3	41.3
51	29.6	10.6	50.6

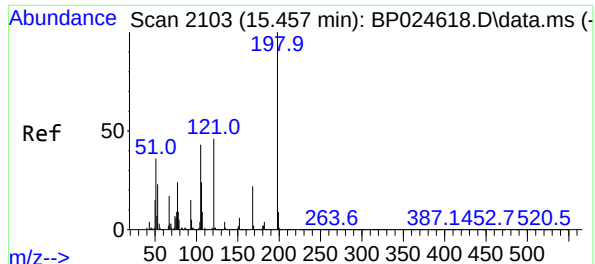


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 188 Resp: 646756

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.5	9.7
80	9.6	7.3	10.9

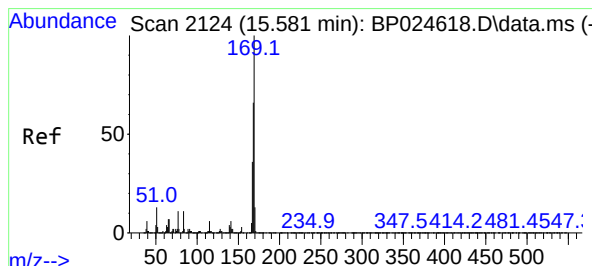
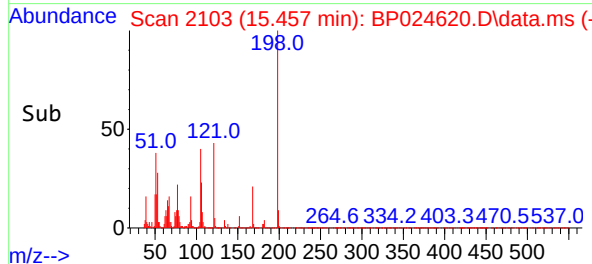
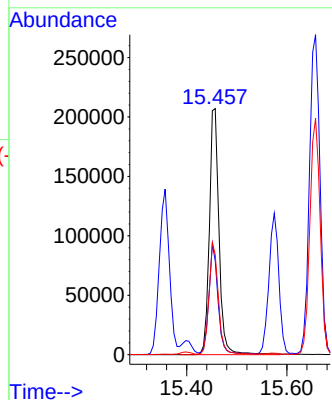
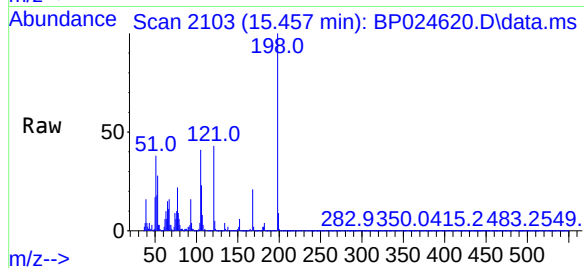




#65
4,6-Dinitro-2-methylphenol
Concen: 66.55 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

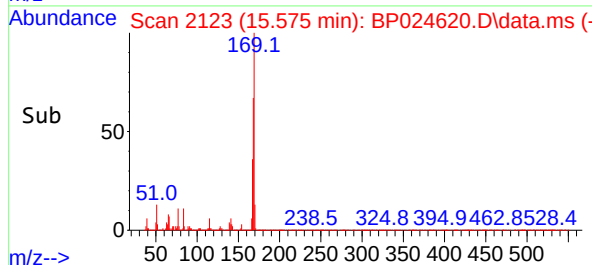
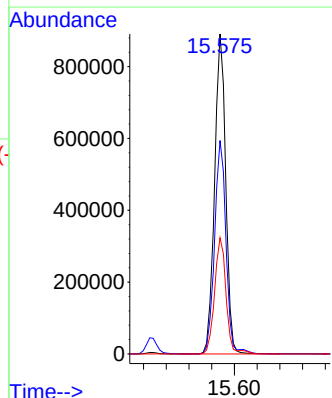
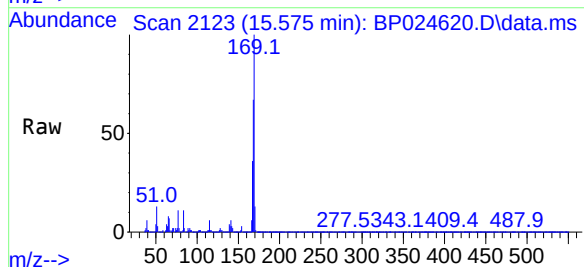
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

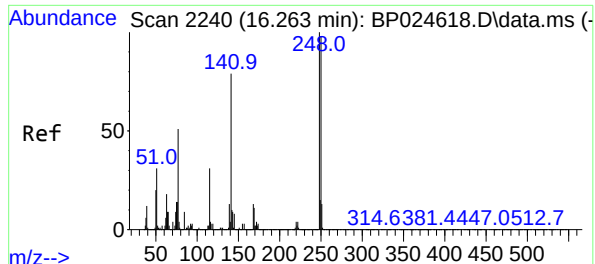
Tgt Ion:198 Resp: 278024
Ion Ratio Lower Upper
198 100
51 38.1 21.1 61.1
105 40.6 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 60.68 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:169 Resp: 1205525
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.3 28.6 43.0

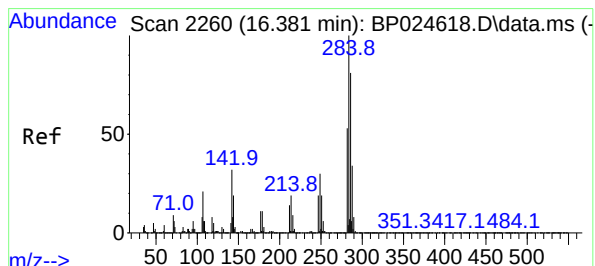
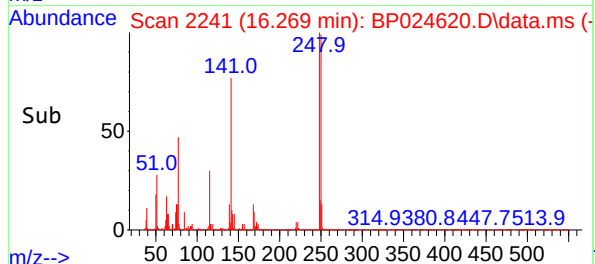
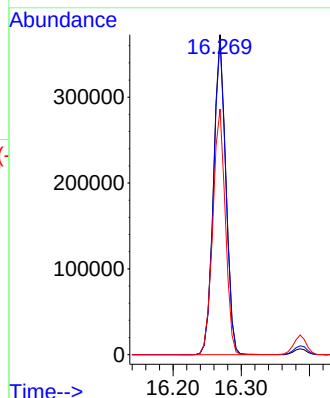
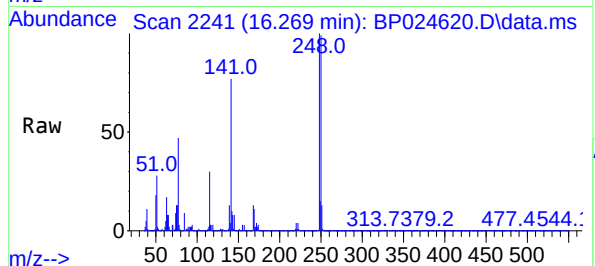




#67
4-Bromophenyl-phenylether
Concen: 61.56 ng
RT: 16.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

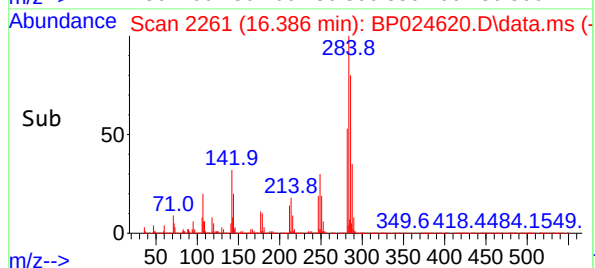
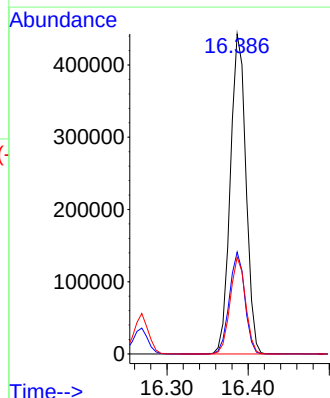
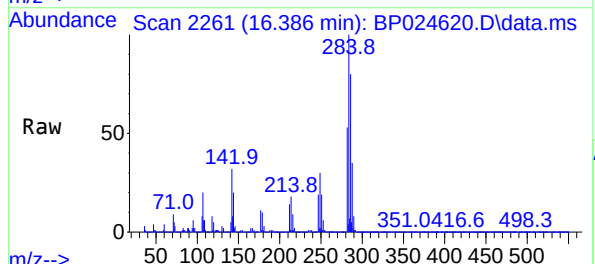
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

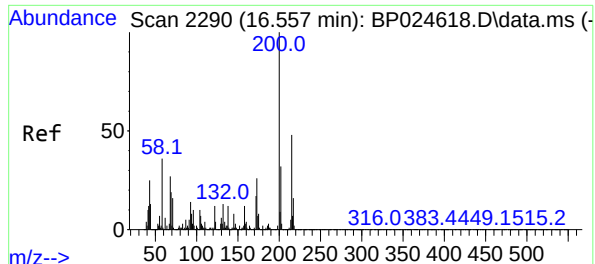
Tgt Ion:248 Resp: 469127
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 76.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 60.99 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:284 Resp: 590615
Ion Ratio Lower Upper
284 100
142 31.9 25.9 38.9
249 30.3 24.1 36.1

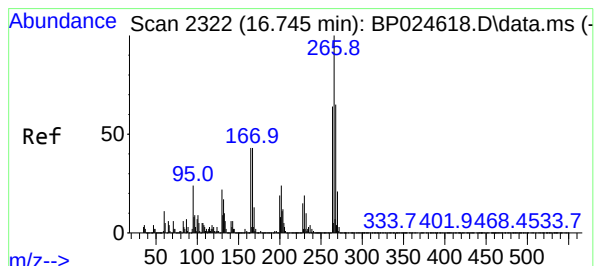
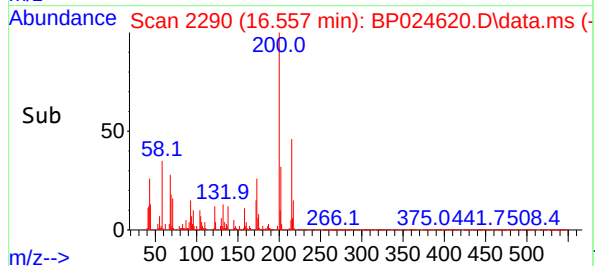
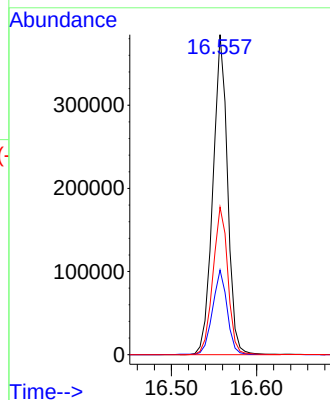
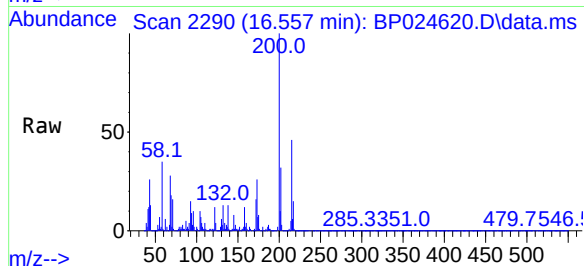




#69
Atrazine
Concen: 63.29 ng
RT: 16.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

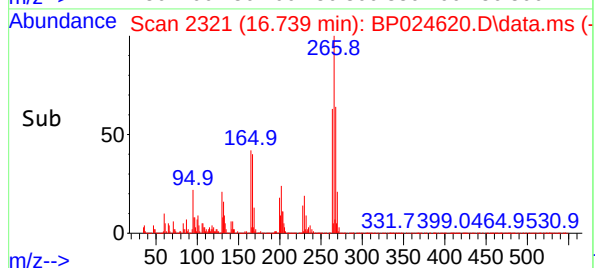
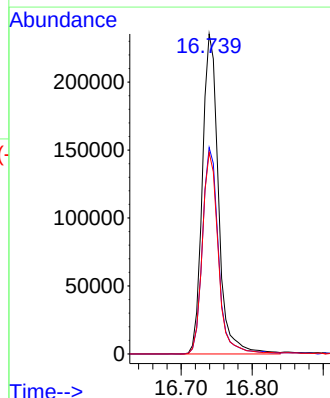
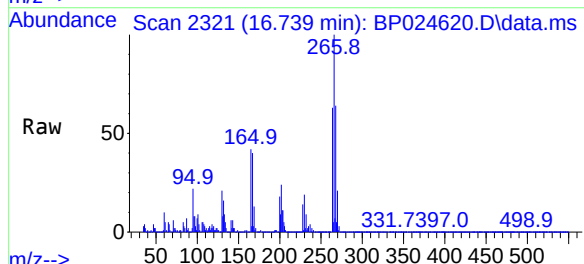
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

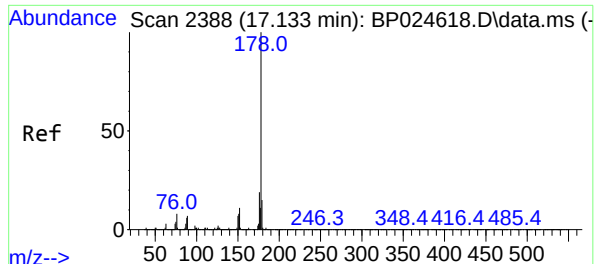
Tgt Ion:200 Resp: 460742
Ion Ratio Lower Upper
200 100
173 26.4 5.9 45.9
215 46.1 28.3 68.3



#70
Pentachlorophenol
Concen: 68.29 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:266 Resp: 371465
Ion Ratio Lower Upper
266 100
268 64.5 52.2 78.4
264 62.9 51.1 76.7

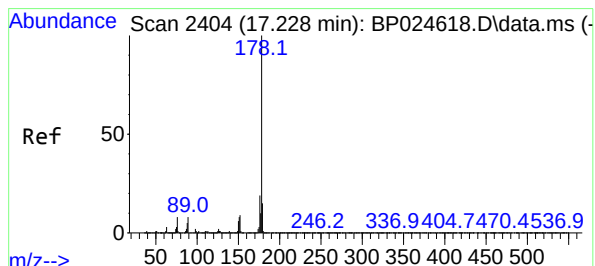
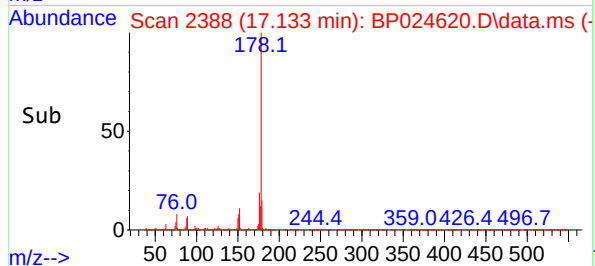
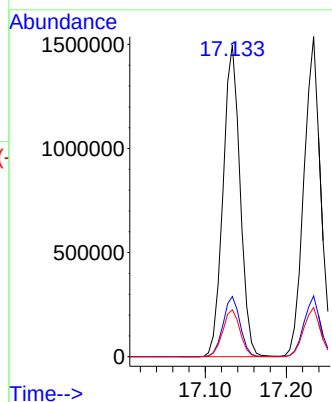
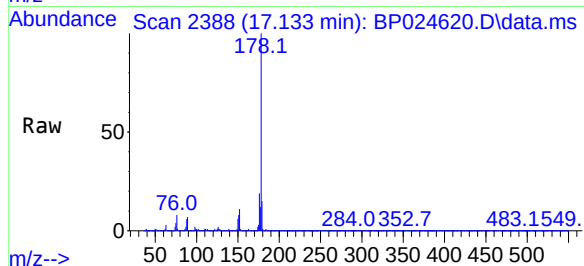




#71
Phenanthrene
Concen: 60.73 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

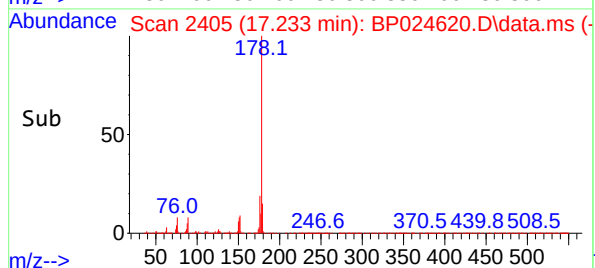
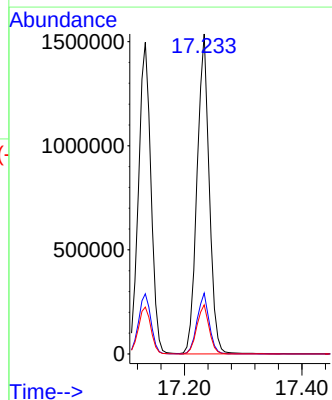
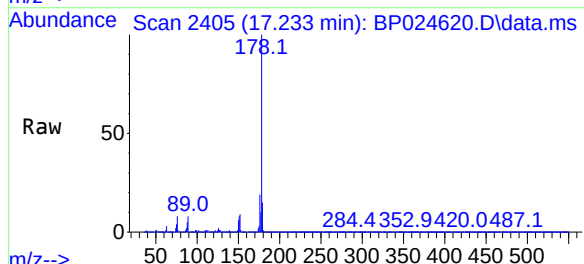
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

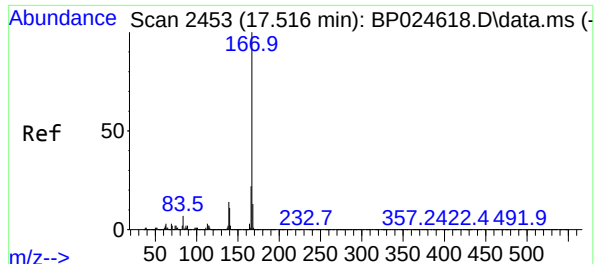
Tgt Ion:178 Resp: 2183329
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.2 18.4



#72
Anthracene
Concen: 61.11 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:178 Resp: 2210412
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.3 12.2 18.2

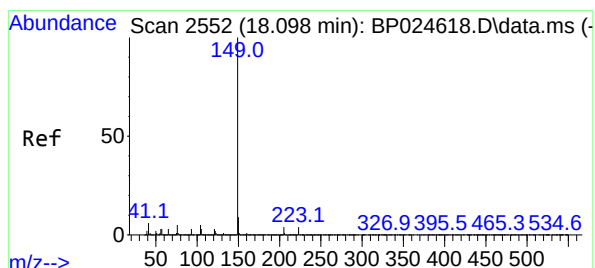
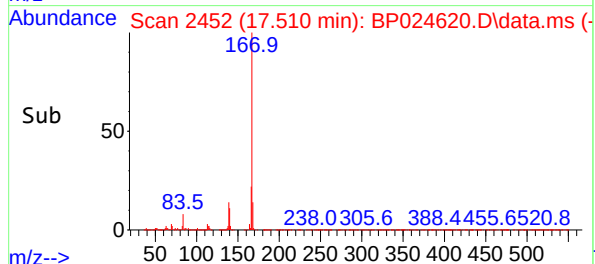
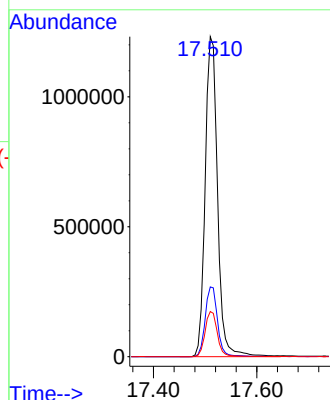
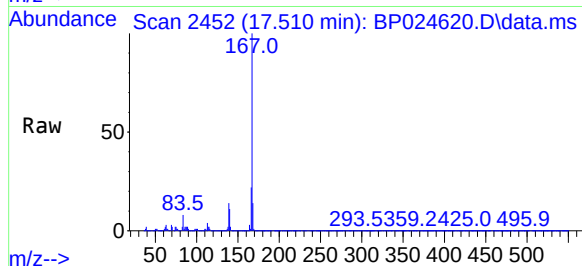




#73
Carbazole
Concen: 62.39 ng
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

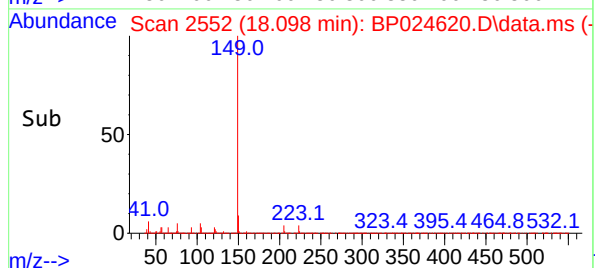
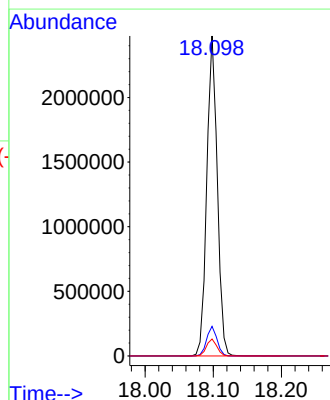
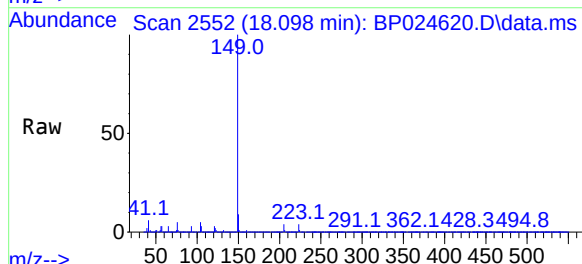
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

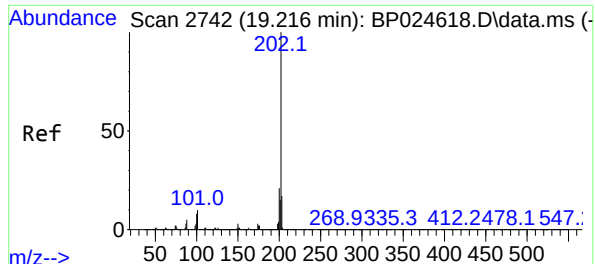
Tgt Ion:167 Resp: 2042777
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 14.1 11.3 16.9



#74
Di-n-butylphthalate
Concen: 62.81 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 2644959
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.3 4.3 6.5

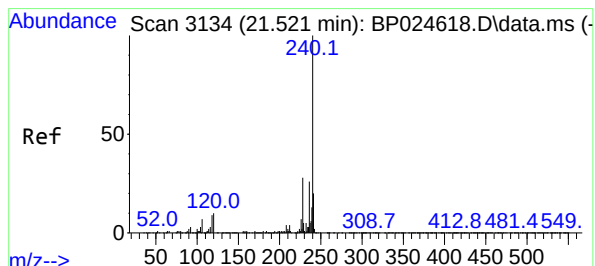
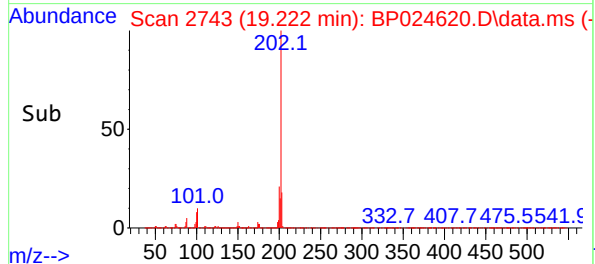
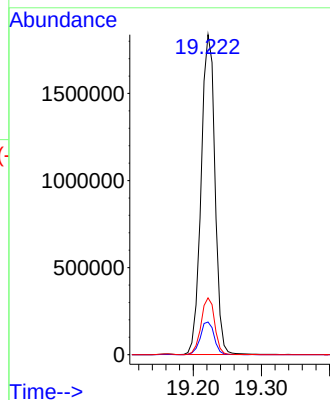
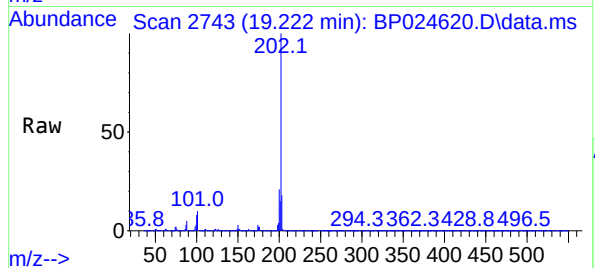




#75
Fluoranthene
Concen: 61.73 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

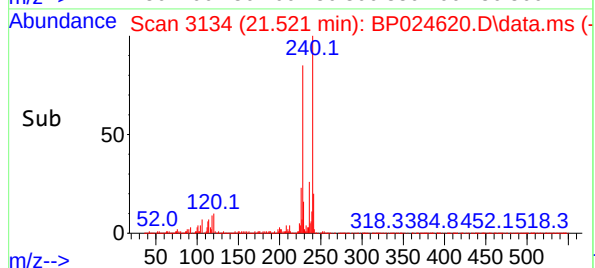
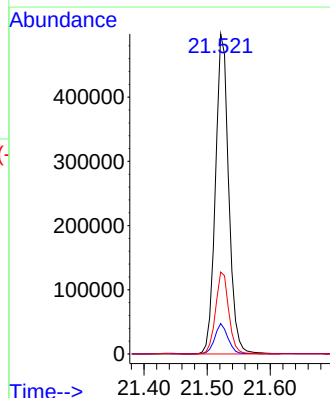
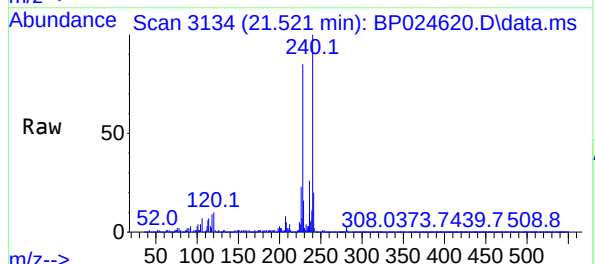
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

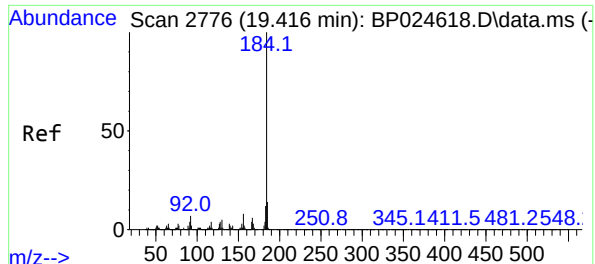
Tgt Ion:202 Resp: 2594532
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.3
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:240 Resp: 726281
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.6 20.6 31.0

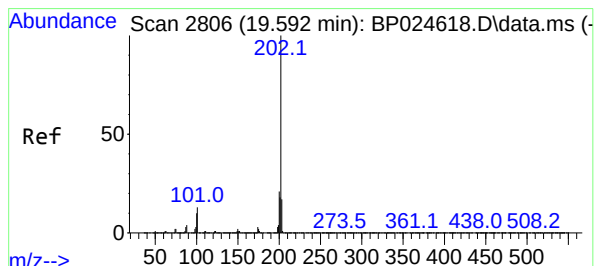
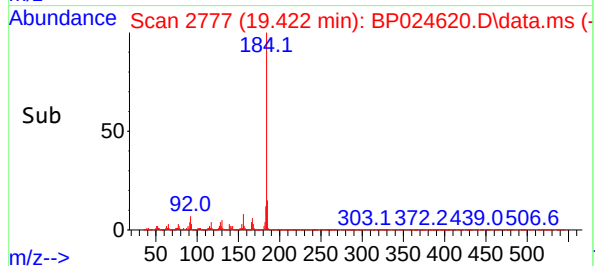
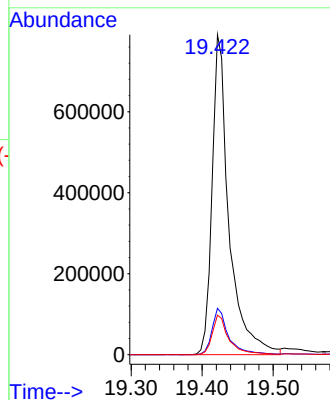
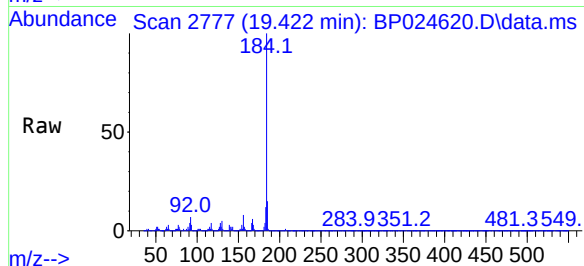




#77
Benzidine
Concen: 65.42 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

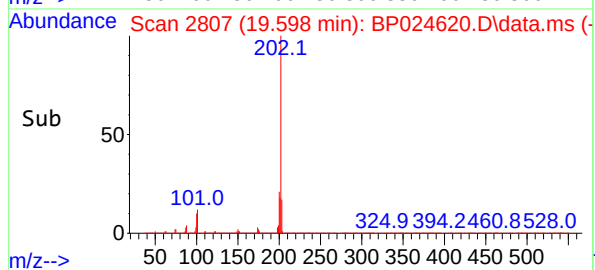
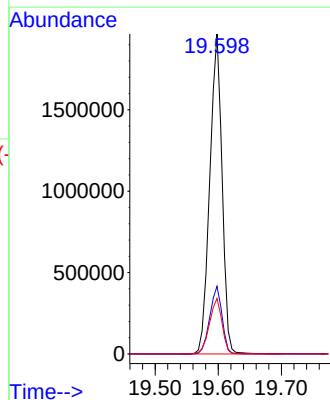
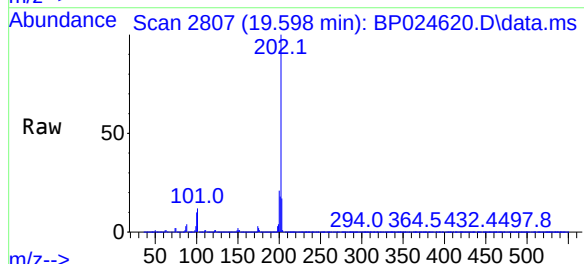
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

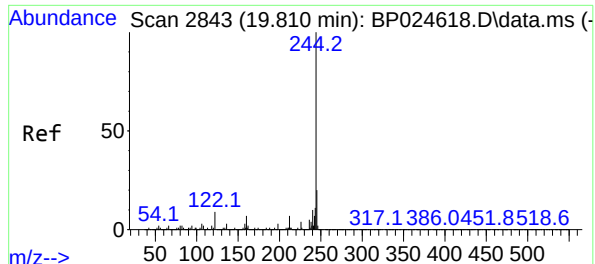
Tgt Ion:184 Resp: 1304259
Ion Ratio Lower Upper
184 100
185 14.5 11.2 16.8
183 12.4 9.8 14.8



#78
Pyrene
Concen: 61.17 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:202 Resp: 2661811
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 13.9 20.9

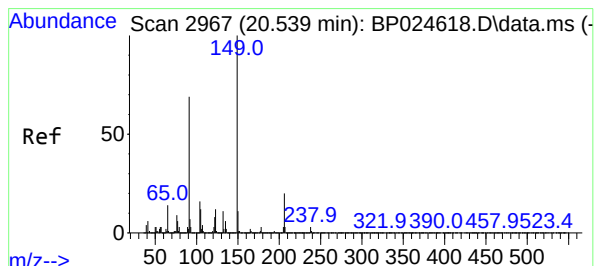
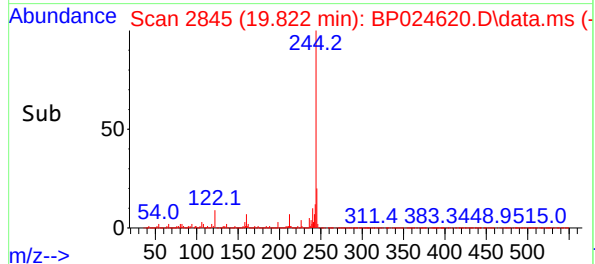
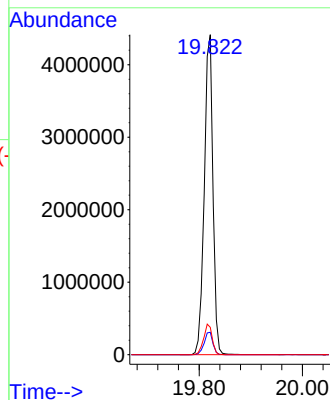
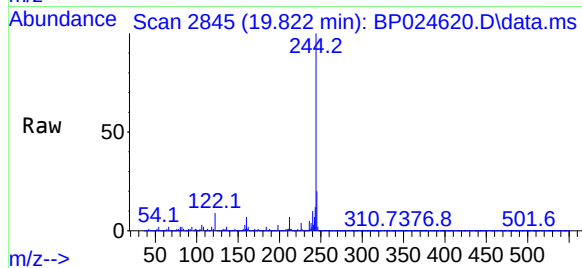




#79
Terphenyl-d14
Concen: 120.88 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

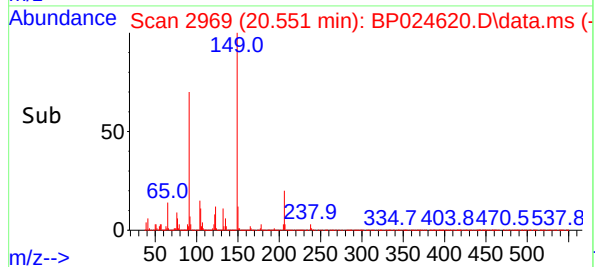
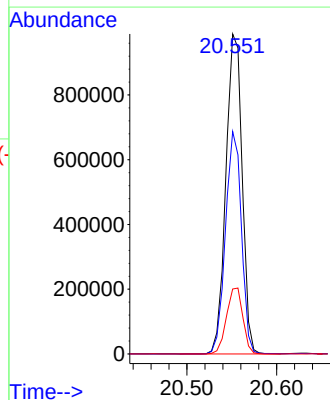
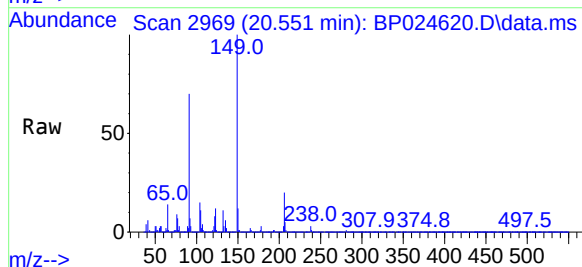
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

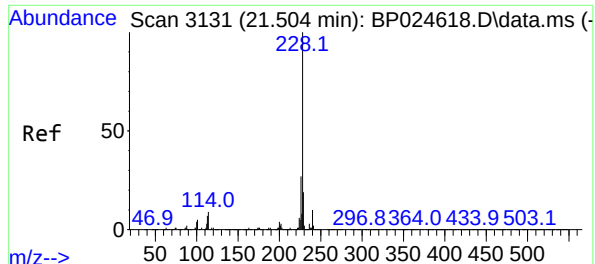
Tgt Ion:244 Resp: 5119872
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 8.6 7.4 11.0



#80
Butylbenzylphthalate
Concen: 64.25 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1243403
Ion Ratio Lower Upper
149 100
91 69.5 55.4 83.0
206 20.3 16.2 24.2

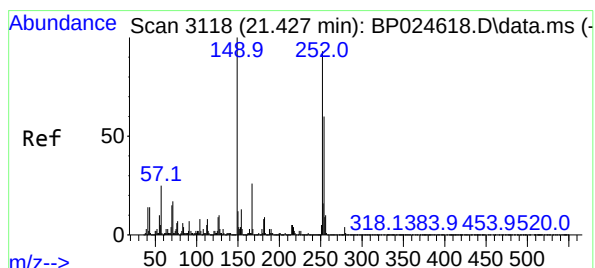
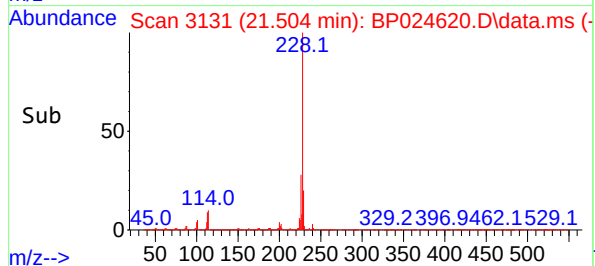
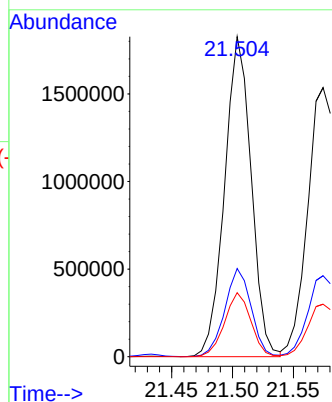
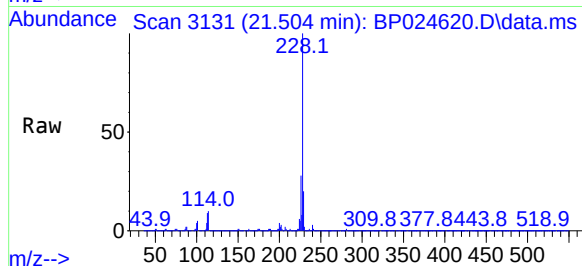




#81
Benzo(a)anthracene
Concen: 60.93 ng
RT: 21.504 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

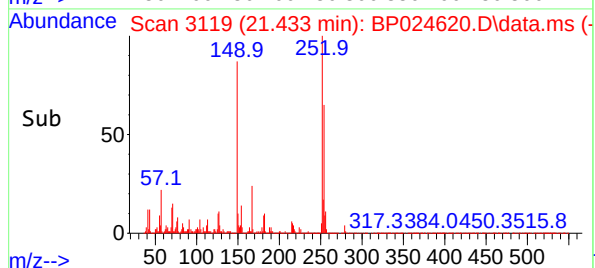
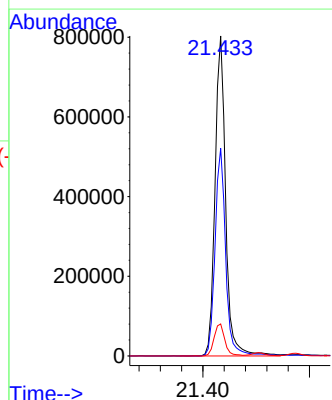
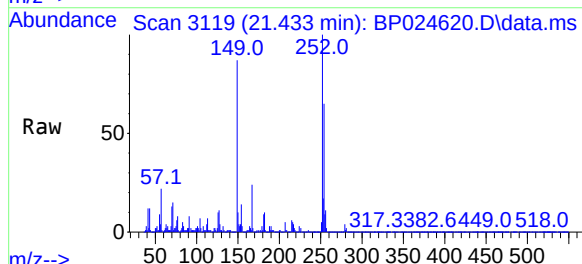
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

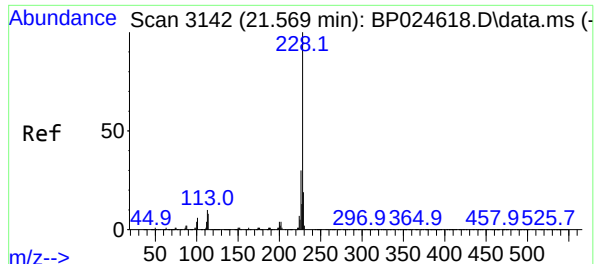
Tgt Ion:228 Resp: 2778689
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 65.77 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 1114122
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 10.0 7.7 11.5





#83

Chrysene

Concen: 59.88 ng

RT: 21.574 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

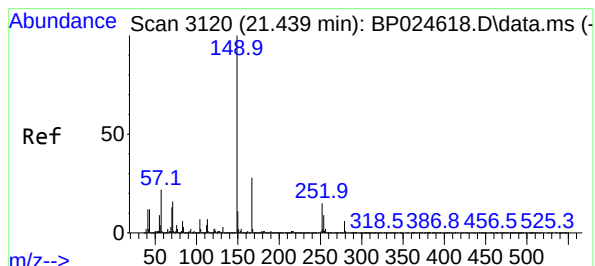
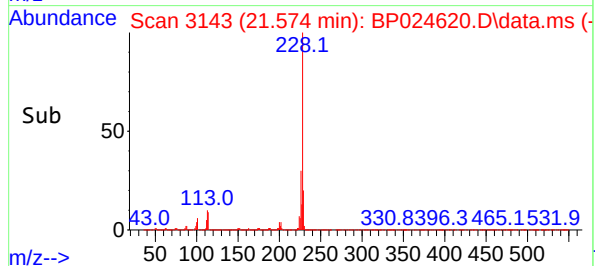
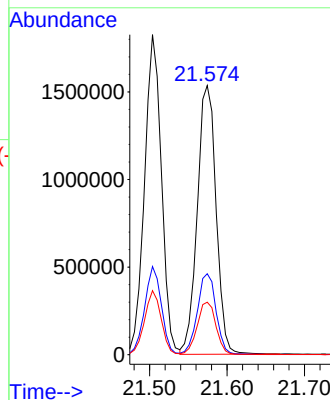
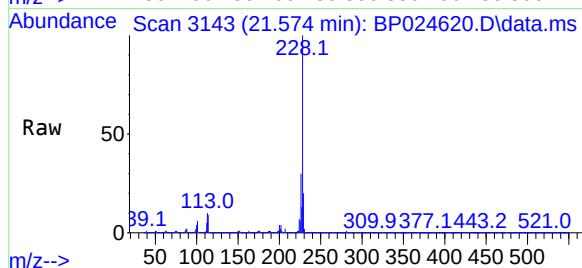
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 2588513

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.5	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.05 ng

RT: 21.445 min Scan# 3121

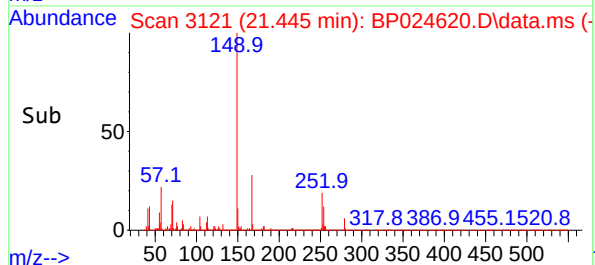
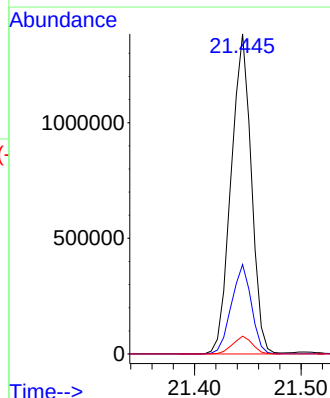
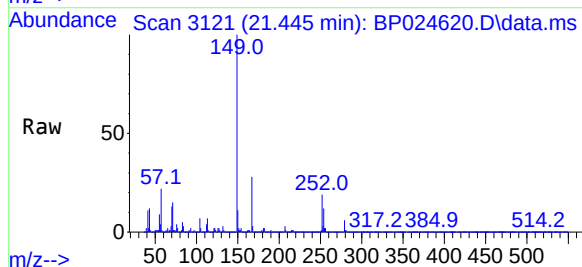
Delta R.T. 0.006 min

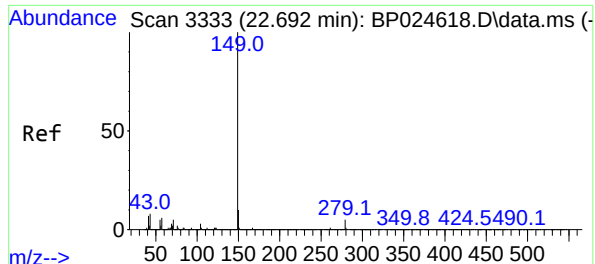
Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1822019

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	5.6	4.6	6.8

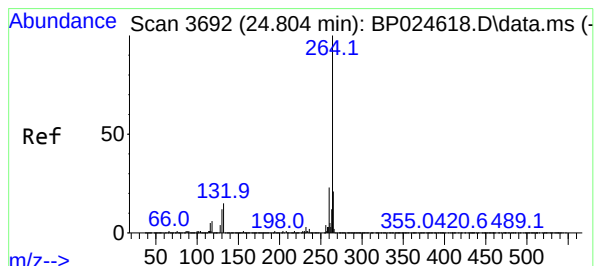
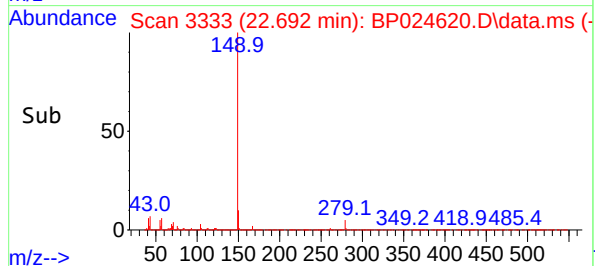
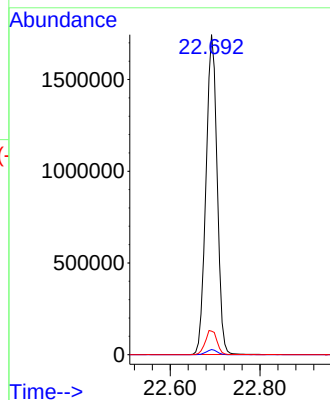
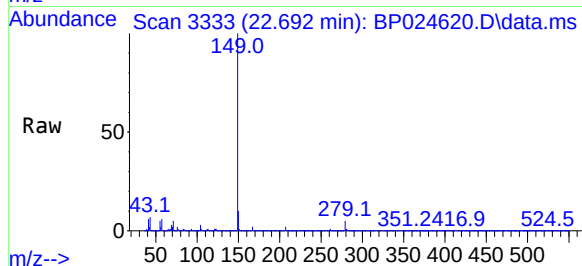




#85
Di-n-octyl phthalate
Concen: 64.47 ng
RT: 22.692 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

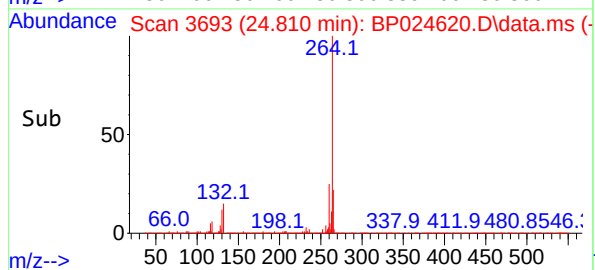
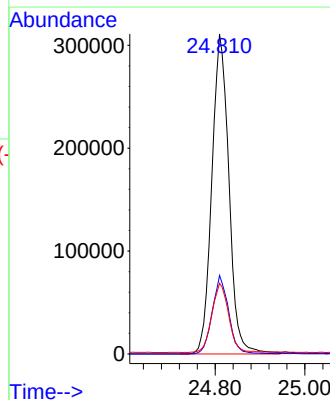
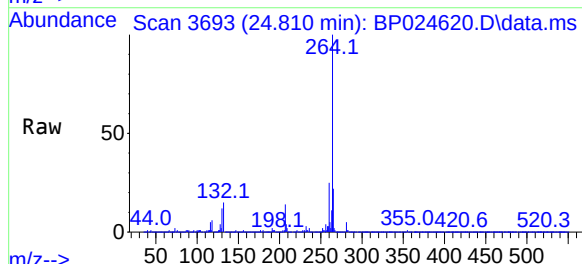
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

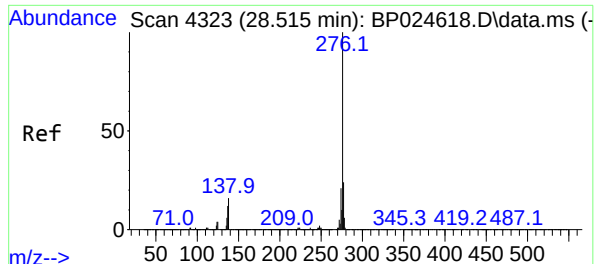
Tgt Ion:149 Resp: 2998832
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.9 6.3 9.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:264 Resp: 822943
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 22.1 17.0 25.6

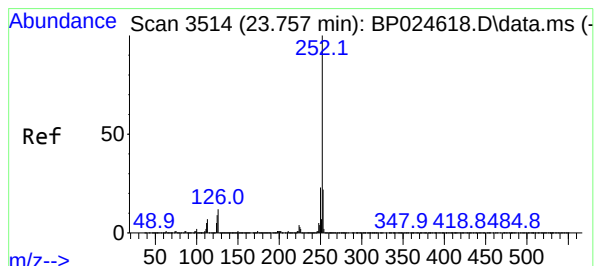
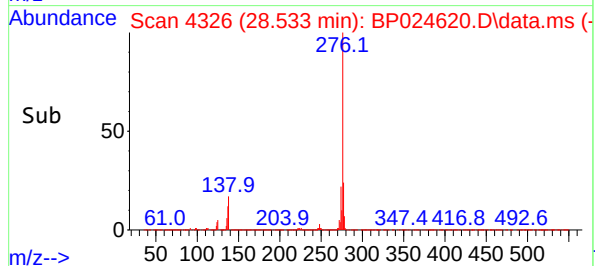
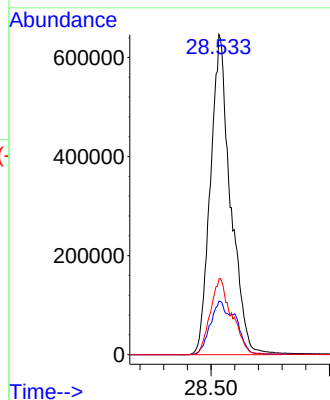
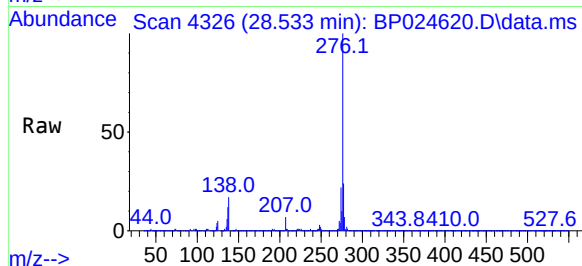




#87
Indeno(1,2,3-cd)pyrene
Concen: 63.64 ng
RT: 28.533 min Scan# 41
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

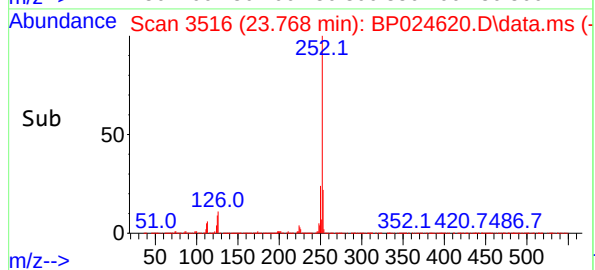
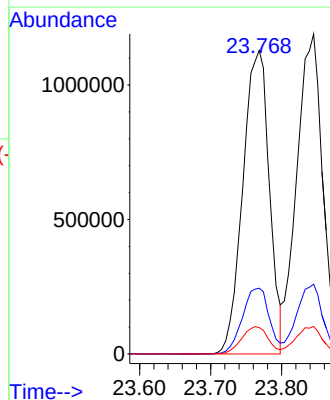
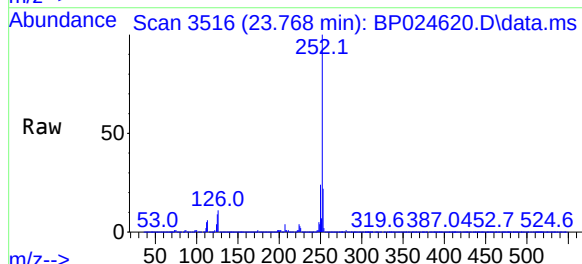
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

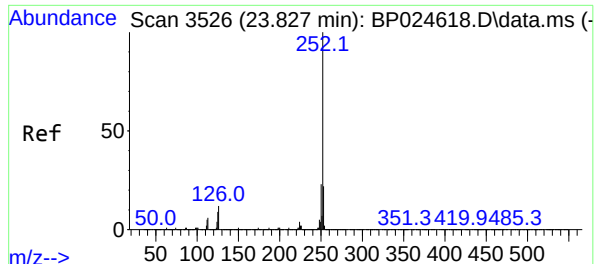
Tgt Ion:276 Resp: 3824922
Ion Ratio Lower Upper
276 100
138 14.4 11.2 16.8
277 25.5 15.7 23.5#



#88
Benzo(b)fluoranthene
Concen: 62.04 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 2922103
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 62.95 ng

RT: 23.845 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

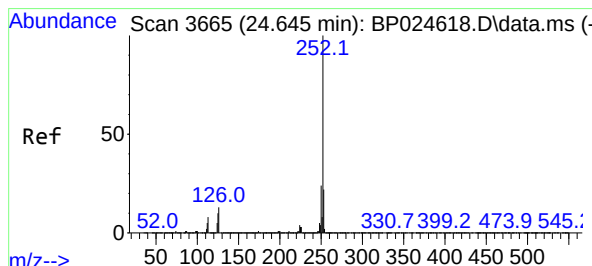
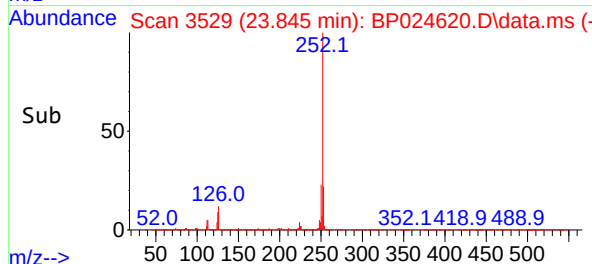
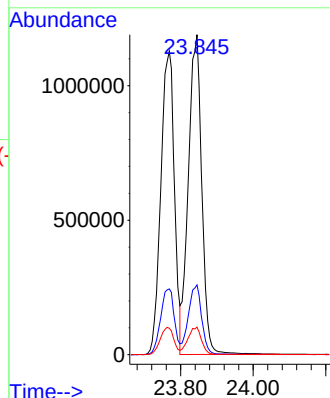
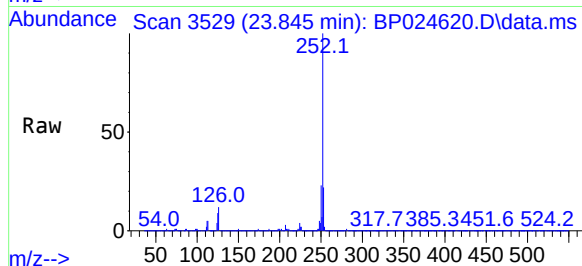
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 3055252

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.6	7.0	10.4



#90

Benzo(a)pyrene

Concen: 63.69 ng

RT: 24.657 min Scan# 3667

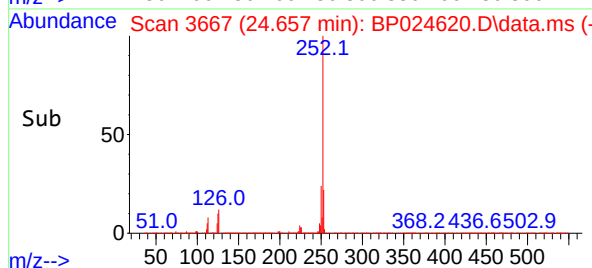
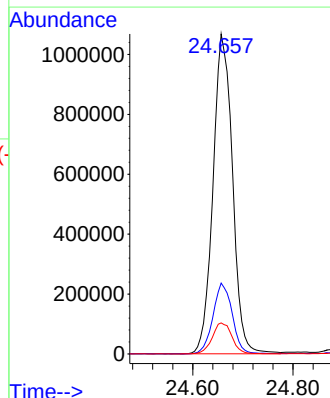
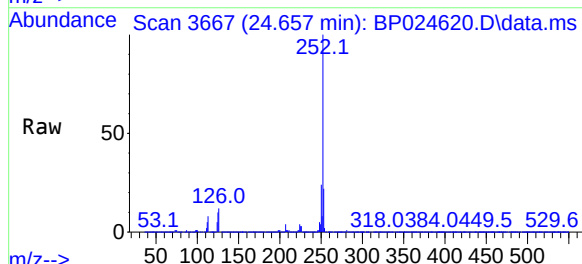
Delta R.T. 0.012 min

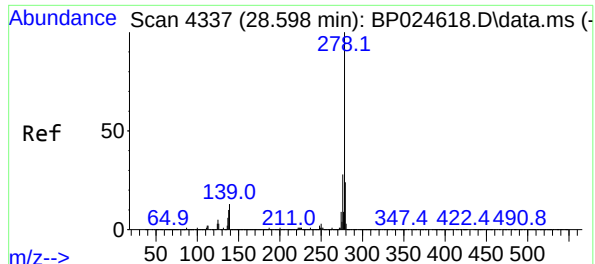
Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 2881508

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.7	8.1	12.1





#91

Dibenzo(a,h)anthracene

Concen: 64.20 ng

RT: 28.603 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

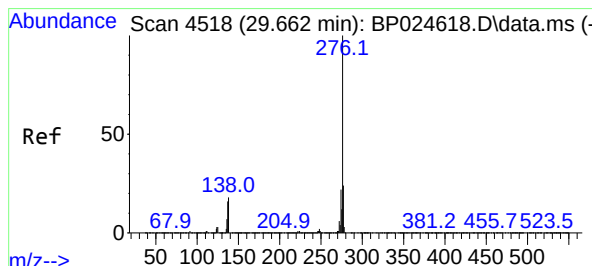
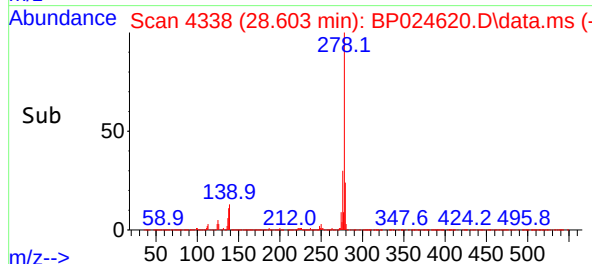
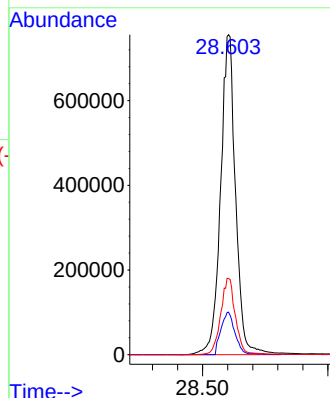
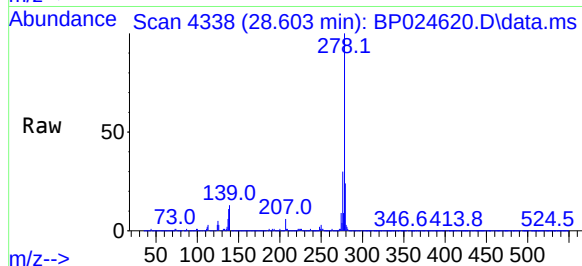
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:278 Resp: 3137905

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.2	15.4
279	23.8	19.0	28.4



#92

Benzo(g,h,i)perylene

Concen: 63.07 ng

RT: 29.692 min Scan# 4523

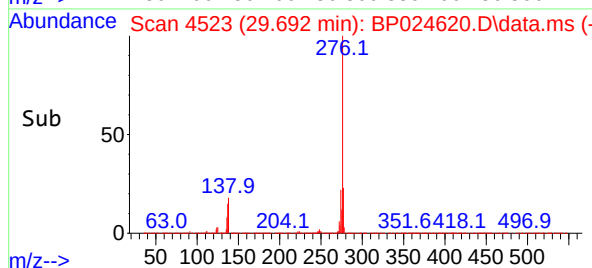
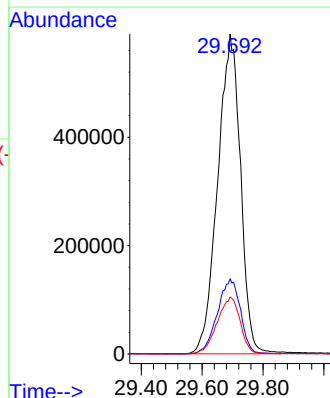
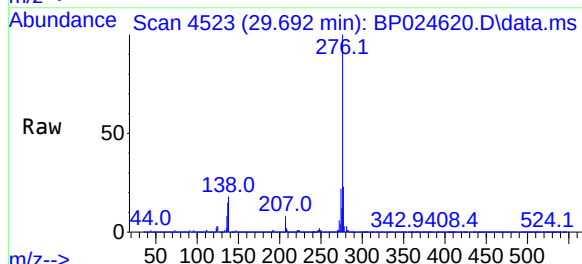
Delta R.T. 0.029 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:276 Resp: 3065416

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	17.8	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024621.D
 Acq On : 13 May 2025 15:26
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:10:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	134481	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	584325	20.00	ng	0.00
39) Acenaphthene-d10	14.298	164	373575	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	713479	20.00	ng	0.00
76) Chrysene-d12	21.516	240	765954	20.00	ng	0.00
86) Perylene-d12	24.804	264	877352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1283582	163.25	ng	0.00
7) Phenol-d6	6.858	99	1670035	166.42	ng	0.00
23) Nitrobenzene-d5	8.822	82	1840183	159.12	ng	0.01
42) 2,4,6-Tribromophenol	15.828	330	1032638	163.05	ng	0.02
45) 2-Fluorobiphenyl	12.910	172	4438179	155.65	ng	0.00
79) Terphenyl-d14	19.816	244	7152255	160.11	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	275790	74.70	ng	99
3) Pyridine	3.622	79	679364	82.98	ng	98
4) n-Nitrosodimethylamine	3.534	42	289012	79.96	ng	100
6) Aniline	7.005	93	1075238	82.99	ng	100
8) 2-Chlorophenol	7.240	128	740005	82.91	ng	99
9) Benzaldehyde	6.822	77	412028	63.54	ng	100
10) Phenol	6.887	94	859122	82.95	ng	100
11) bis(2-Chloroethyl)ether	7.099	93	670572	78.79	ng	100
12) 1,3-Dichlorobenzene	7.552	146	795953	77.51	ng	100
13) 1,4-Dichlorobenzene	7.699	146	802182	77.67	ng	98
14) 1,2-Dichlorobenzene	8.010	146	779316	77.43	ng	99
15) Benzyl Alcohol	7.910	79	664684	87.16	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	782240	76.75	ng	98
17) 2-Methylphenol	8.110	107	620901	83.58	ng	99
18) Hexachloroethane	8.728	117	306812	77.52	ng	97
19) n-Nitroso-di-n-propyla...	8.469	70	551845	79.50	ng	98
20) 3+4-Methylphenols	8.440	107	852078	84.32	ng	99
22) Acetophenone	8.481	105	1147610	78.62	ng	# 99
24) Nitrobenzene	8.857	77	804153	79.02	ng	98
25) Isophorone	9.381	82	1593235	79.42	ng	100
26) 2-Nitrophenol	9.557	139	442185	88.67	ng	98
27) 2,4-Dimethylphenol	9.628	122	722439	82.17	ng	100
28) bis(2-Chloroethoxy)met...	9.857	93	946615	78.98	ng	99
29) 2,4-Dichlorophenol	10.099	162	721701	84.70	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	755529	78.69	ng	98
31) Naphthalene	10.487	128	2354789	77.77	ng	100
32) Benzoic acid	9.828	122	525308	80.15	ng	99
33) 4-Chloroaniline	10.599	127	1033865	84.61	ng	99
34) Hexachlorobutadiene	10.769	225	481140	77.35	ng	97
35) Caprolactam	11.416	113	257252	83.50	ng	96
36) 4-Chloro-3-methylphenol	11.734	107	838983	80.74	ng	99
37) 2-Methylnaphthalene	12.093	142	1529445	78.01	ng	100
38) 1-Methylnaphthalene	12.322	142	1613775	76.92	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	875750	80.73	ng	100
41) Hexachlorocyclopentadiene	12.446	237	628436	95.54	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	601332	85.58	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024621.D
 Acq On : 13 May 2025 15:26
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:10:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

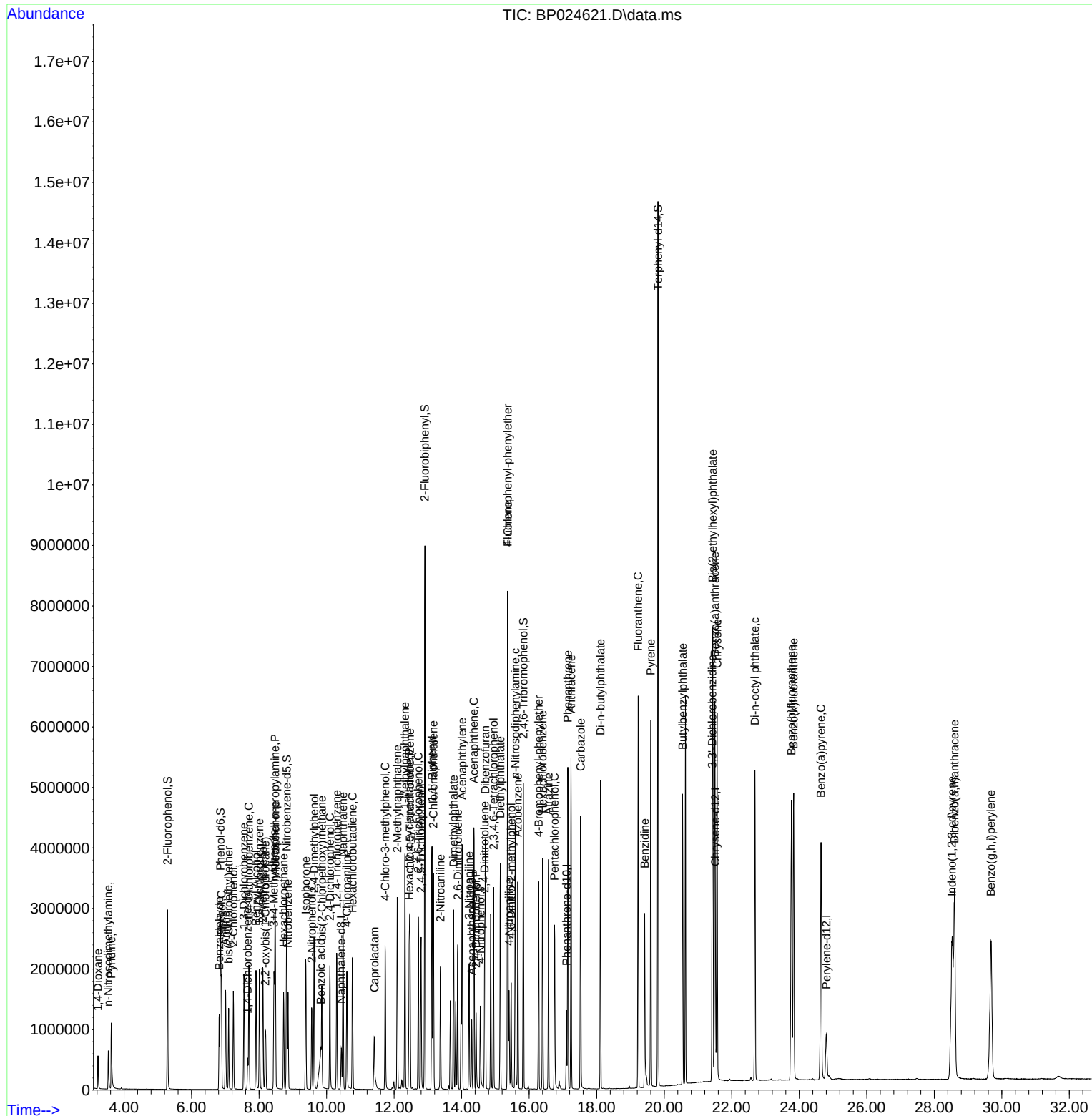
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	657399	84.05	ng	97
46) 1,1'-Biphenyl	13.122	154	2175624	78.79	ng	100
47) 2-Chloronaphthalene	13.163	162	1662979	78.99	ng	99
48) 2-Nitroaniline	13.375	65	512458	82.22	ng	97
49) Acenaphthylene	14.016	152	2773742	78.73	ng	99
50) Dimethylphthalate	13.763	163	2182359	76.64	ng	100
51) 2,6-Dinitrotoluene	13.887	165	476606	79.26	ng	97
52) Acenaphthene	14.363	154	1572103	77.62	ng	99
53) 3-Nitroaniline	14.222	138	522849	85.15	ng	100
54) 2,4-Dinitrophenol	14.428	184	300458	79.29	ng	98
55) Dibenzofuran	14.704	168	2477374	76.68	ng	99
56) 4-Nitrophenol	14.557	139	409954	77.27	ng	98
57) 2,4-Dinitrotoluene	14.681	165	678287	80.01	ng	97
58) Fluorene	15.363	166	2003709	76.06	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	588947	81.17	ng	98
60) Diethylphthalate	15.145	149	2193488	76.22	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	997863	75.96	ng	99
62) 4-Nitroaniline	15.404	138	509582	85.24	ng	99
63) Azobenzene	15.663	77	1858146	75.47	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	401011	87.01	ng	98
66) n-Nitrosodiphenylamine	15.587	169	1711679	78.10	ng	99
67) 4-Bromophenyl-phenylether	16.281	248	684619	81.43	ng	98
68) Hexachlorobenzene	16.398	284	856547	80.18	ng	99
69) Atrazine	16.575	200	645877	80.42	ng	99
70) Pentachlorophenol	16.751	266	548492	91.41	ng	99
71) Phenanthrene	17.145	178	3091665	77.95	ng	99
72) Anthracene	17.239	178	3161669	79.23	ng	99
73) Carbazole	17.522	167	2892236	80.08	ng	99
74) Di-n-butylphthalate	18.110	149	3747927	80.68	ng	99
75) Fluoranthene	19.228	202	3629085	78.27	ng	99
77) Benzidine	19.422	184	1678507	79.83	ng	100
78) Pyrene	19.604	202	3747276	81.65	ng	99
80) Butylbenzylphthalate	20.545	149	1741954	85.34	ng	98
81) Benzo(a)anthracene	21.498	228	3829787	79.63	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	1575691	88.21	ng	100
83) Chrysene	21.569	228	3615014	79.29	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2577445	85.91	ng	99
85) Di-n-octyl phthalate	22.686	149	4341653	88.50	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	5243999m	81.85	ng	
88) Benzo(b)fluoranthene	23.768	252	4173798	83.11	ng	99
89) Benzo(k)fluoranthene	23.833	252	4160268	80.40	ng	100
90) Benzo(a)pyrene	24.645	252	3988360	82.69	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	4338518	83.26	ng	99
92) Benzo(g,h,i)perylene	29.680	276	4253459	82.08	ng	99

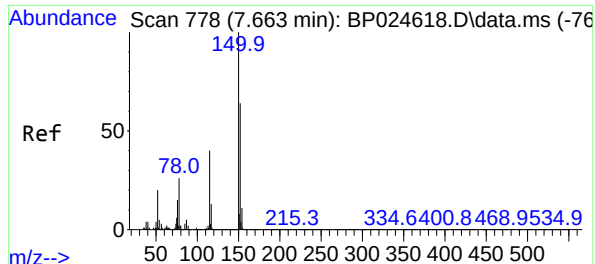
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/14/2025





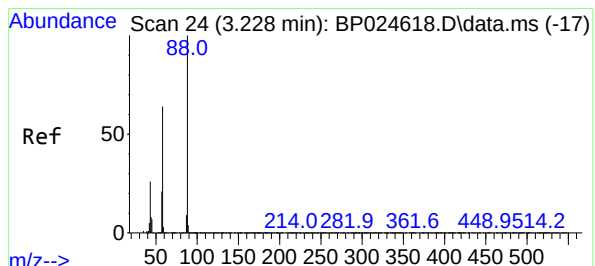
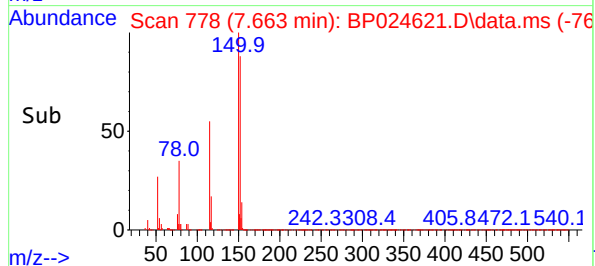
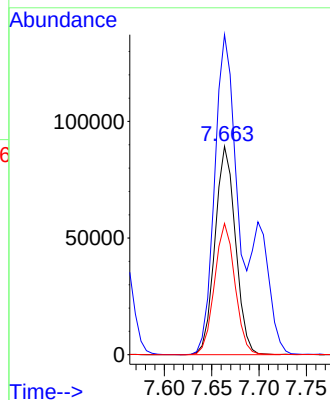
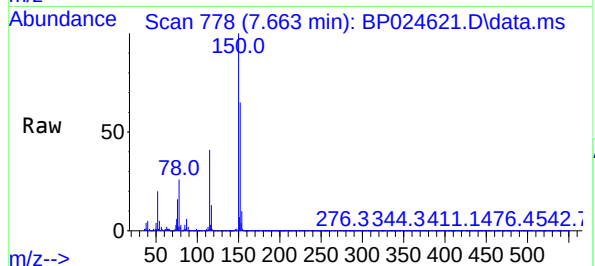
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 152 Resp: 13448
Ion Ratio Lower Upper
152 100
150 153.6 125.9 188.9
115 63.0 50.1 75.1

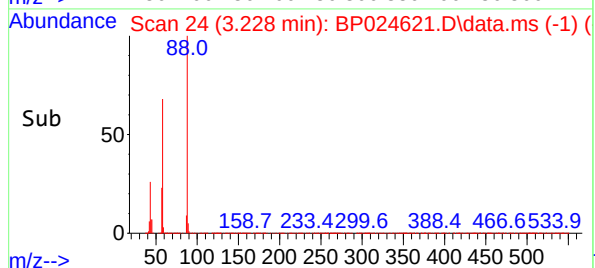
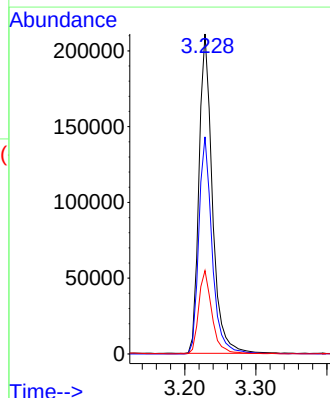
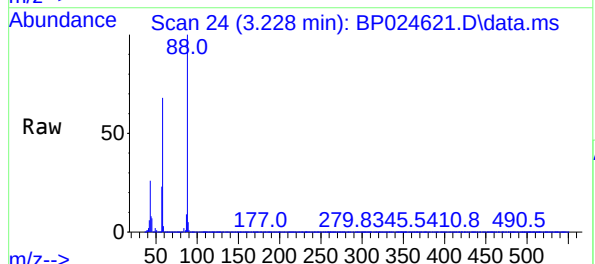
Manual Integrations
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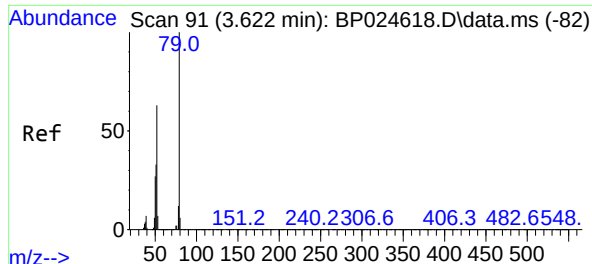
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 74.70 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

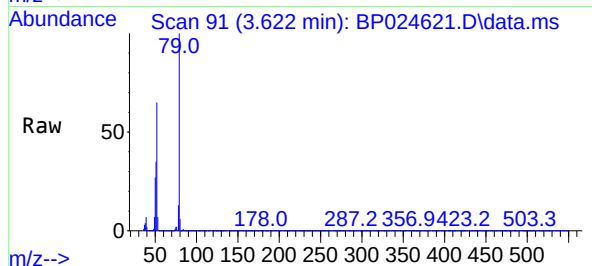
Tgt Ion: 88 Resp: 275790
Ion Ratio Lower Upper
88 100
58 68.0 54.0 81.0
43 26.1 21.4 32.0





#3
Pyridine
Concen: 82.98 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

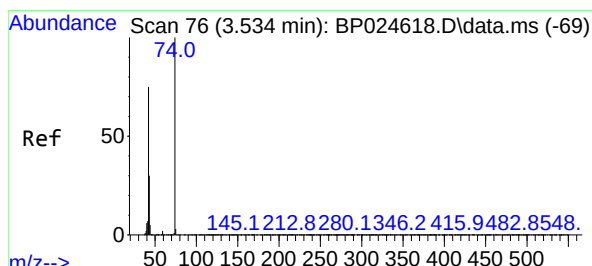
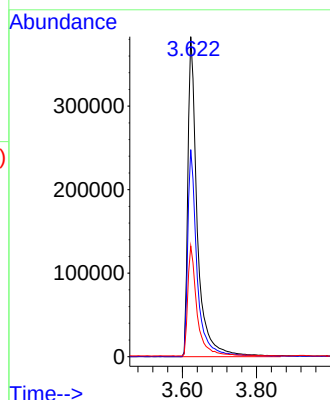
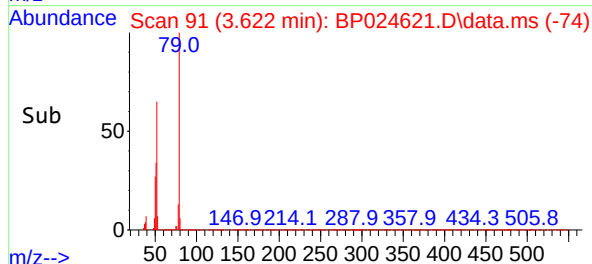
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



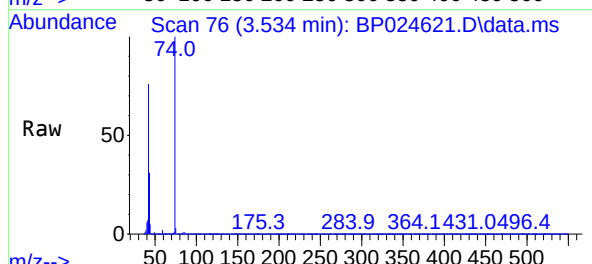
Tgt Ion: 79 Resp: 679364
Ion Ratio Lower Upper
79 100
52 64.7 50.2 75.2
51 34.6 26.8 40.2

Manual Integrations
APPROVED

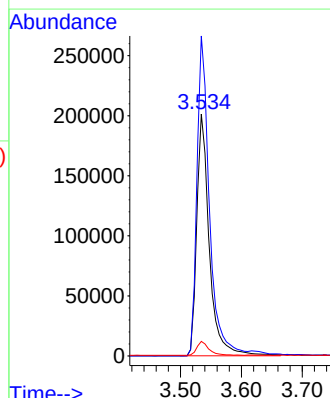
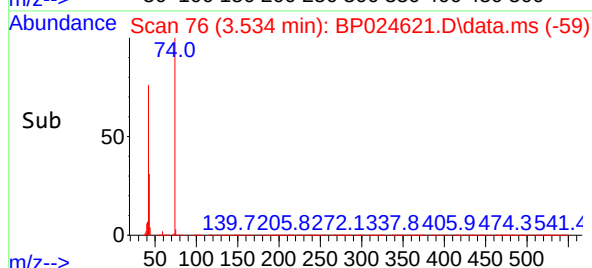
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

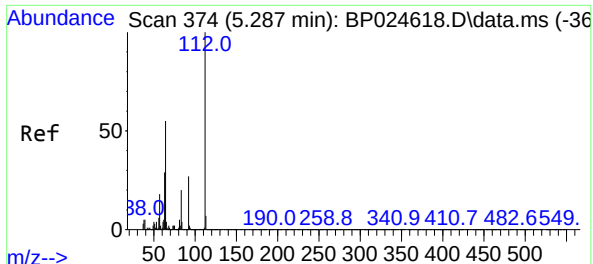


#4
n-Nitrosodimethylamine
Concen: 79.96 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



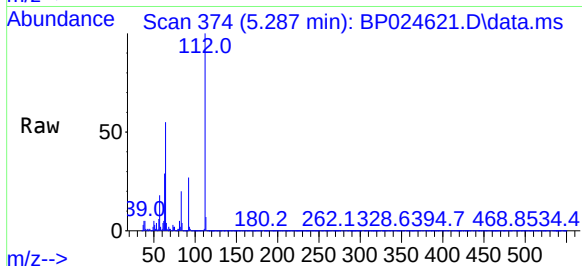
Tgt Ion: 42 Resp: 289012
Ion Ratio Lower Upper
42 100
74 132.2 106.2 159.2
44 6.0 5.4 8.2





#5
2-Fluorophenol
Concen: 163.25 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

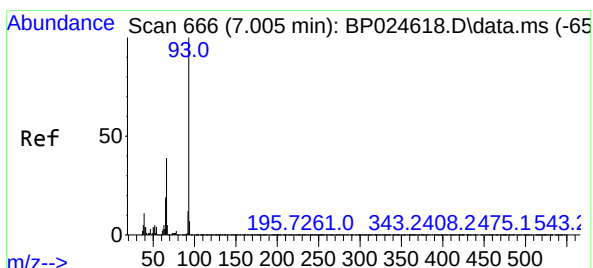
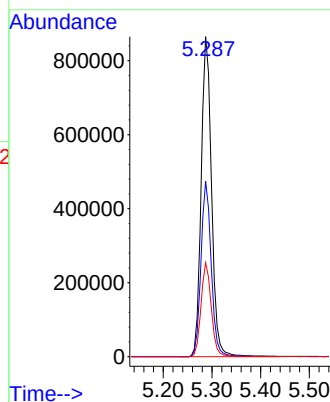
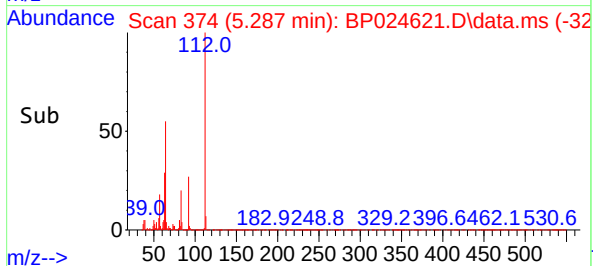
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 128358
Ion Ratio Lower Upper
112 100
64 54.8 44.1 66.1
63 29.4 23.5 35.3

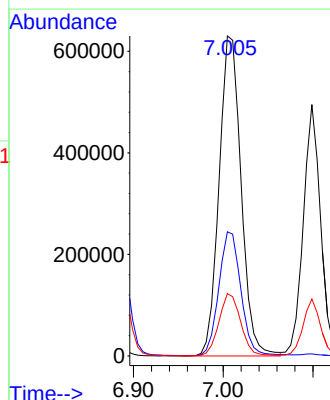
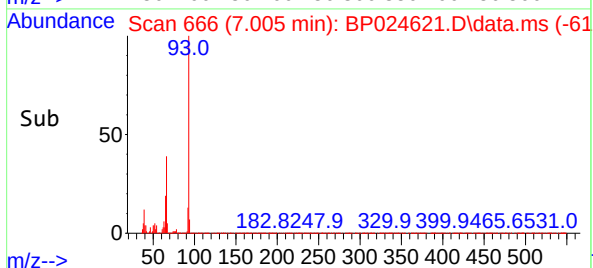
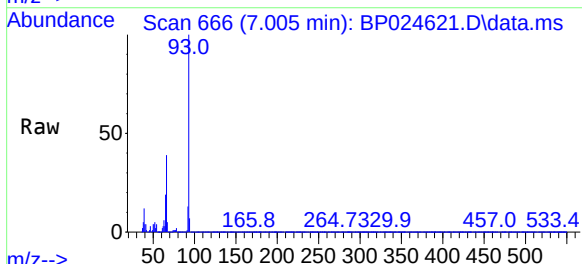
Manual Integrations
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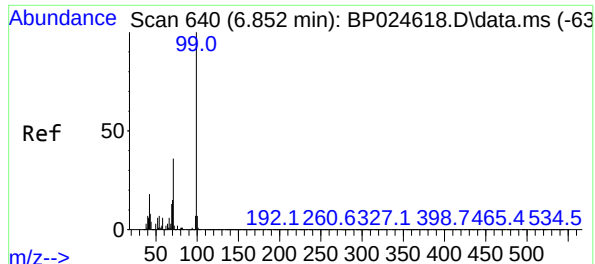
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 82.99 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 93 Resp: 1075238
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.5 15.5 23.3





#7

Phenol-d6

Concen: 166.42 ng

RT: 6.858 min Scan# 640

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 1670035

Ion Ratio Lower Upper

99 100

42 17.4 14.4 21.6

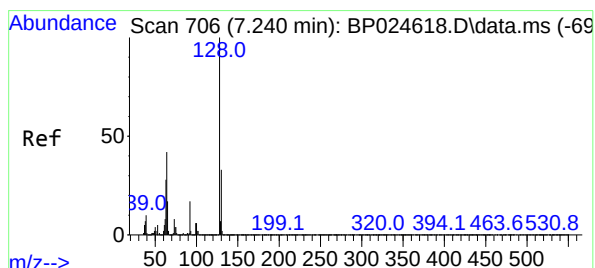
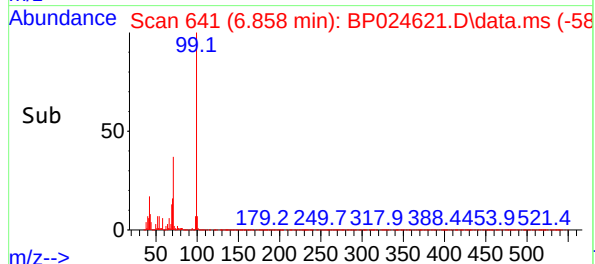
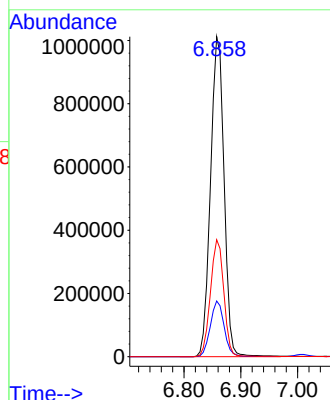
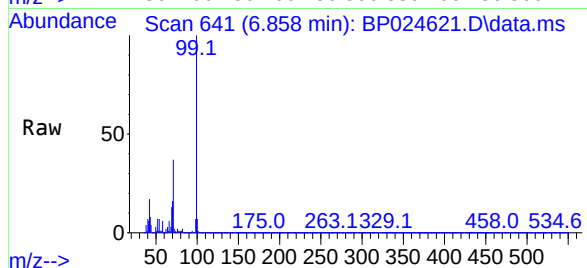
71 36.6 29.2 43.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#8

2-Chlorophenol

Concen: 82.91 ng

RT: 7.240 min Scan# 706

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

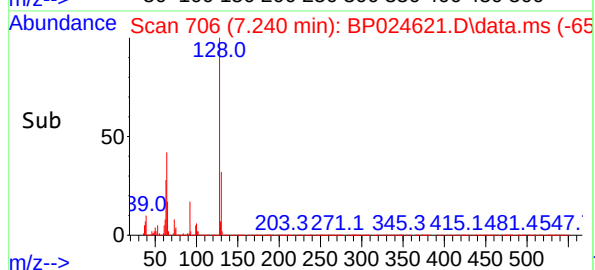
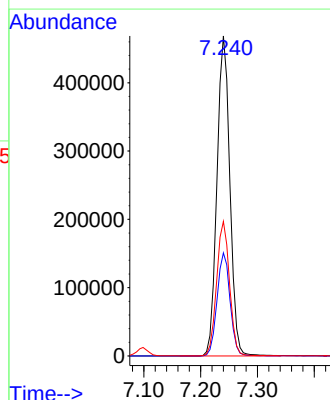
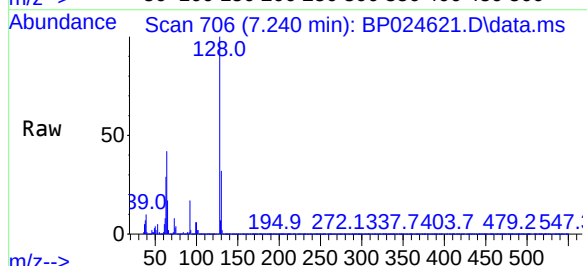
Tgt Ion:128 Resp: 740005

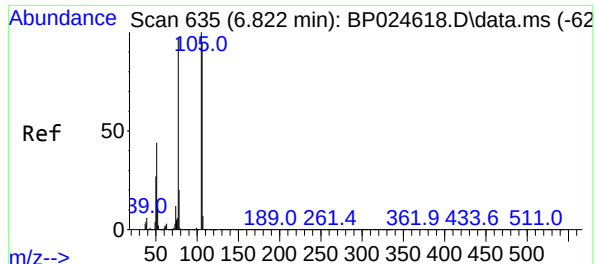
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 42.1 22.3 62.3





#9

Benzaldehyde

Concen: 63.54 ng

RT: 6.822 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 412028

Ion Ratio Lower Upper

77 100

105 103.1 83.3 123.3

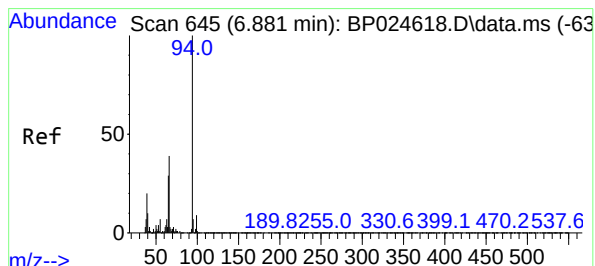
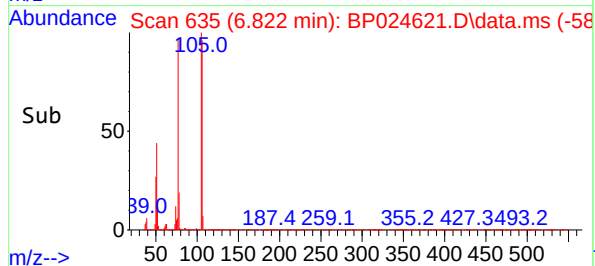
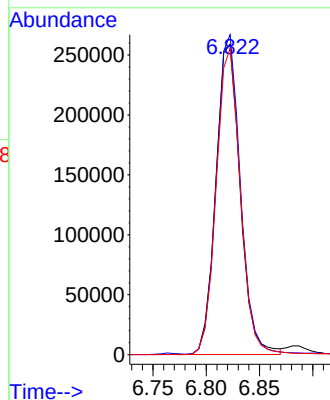
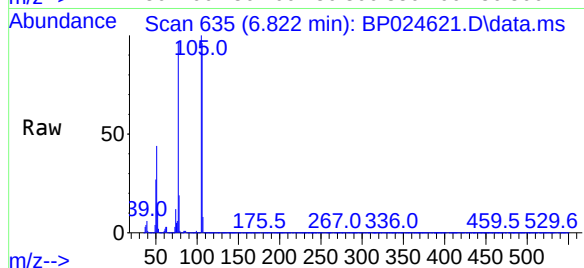
106 98.7 78.0 118.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#10

Phenol

Concen: 82.95 ng

RT: 6.887 min Scan# 646

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

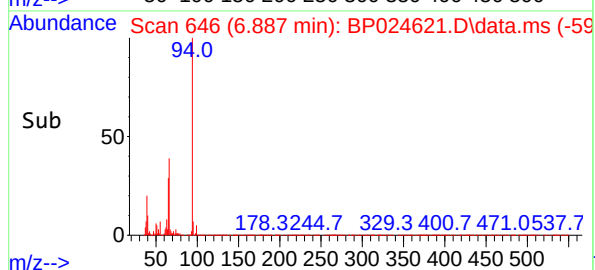
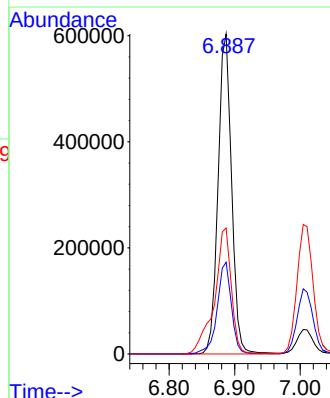
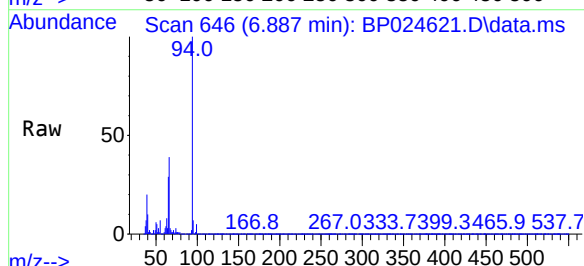
Tgt Ion: 94 Resp: 859122

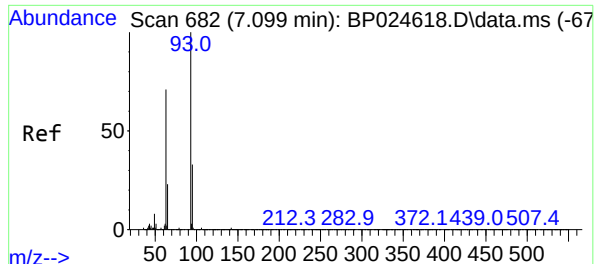
Ion Ratio Lower Upper

94 100

65 28.6 8.7 48.7

66 39.3 19.4 59.4





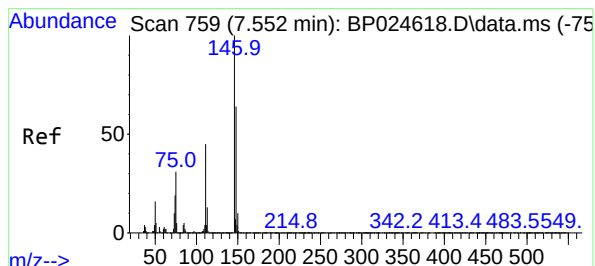
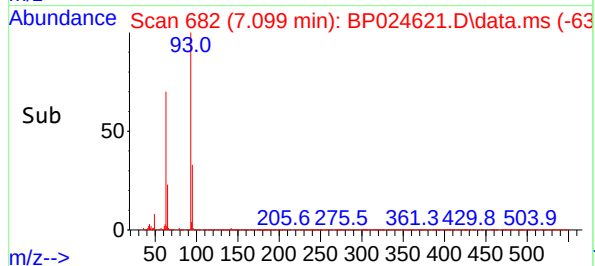
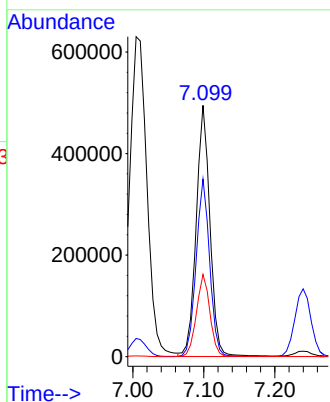
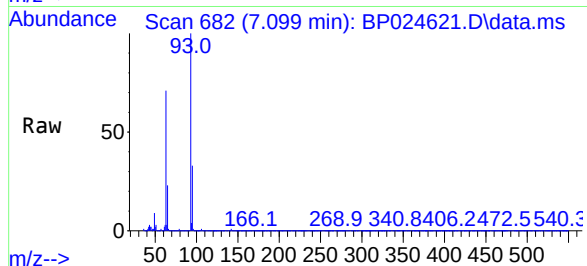
#11
bis(2-Chloroethyl)ether
Concen: 78.79 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 670572
Ion Ratio Lower Upper
93 100
63 70.6 50.6 90.6
95 32.7 12.9 52.9

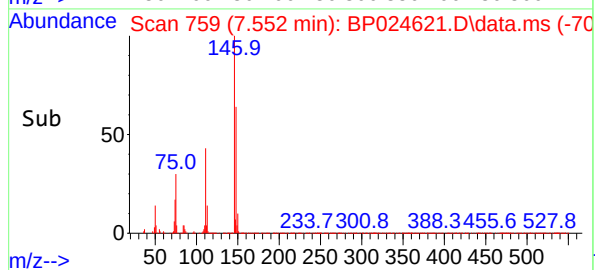
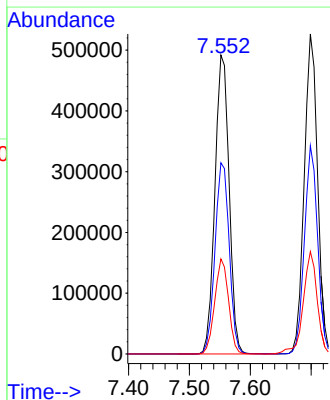
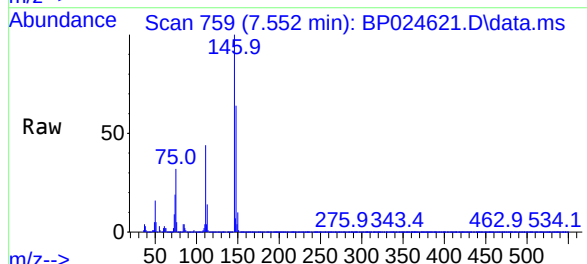
Manual Integrations
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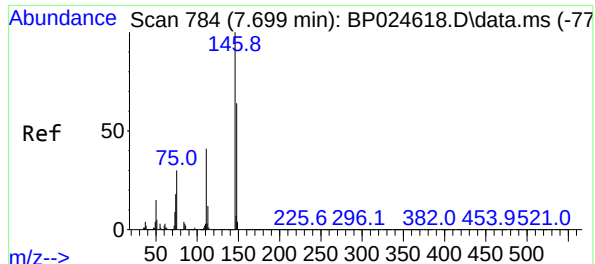
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#12
1,3-Dichlorobenzene
Concen: 77.51 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 795953
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
75 31.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 77.67 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 80218

Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.6

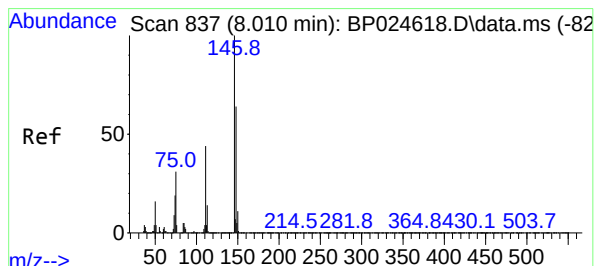
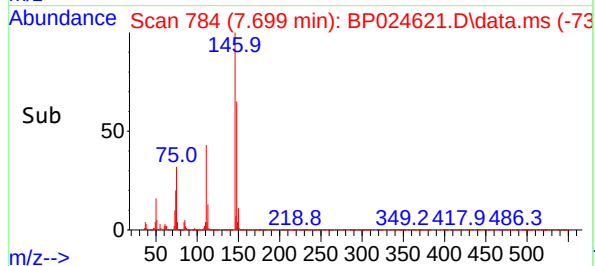
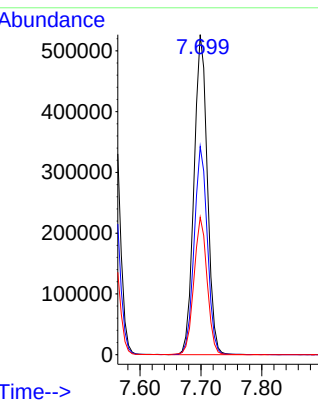
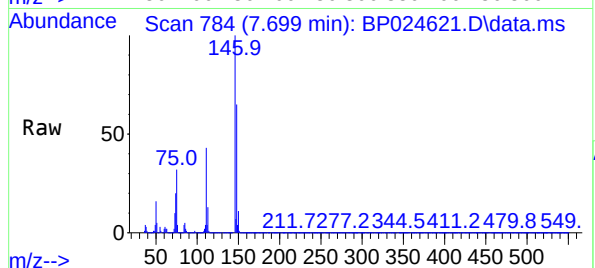
111 43.0 33.0 49.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 77.43 ng

RT: 8.010 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

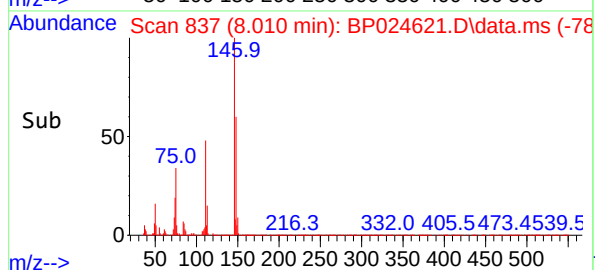
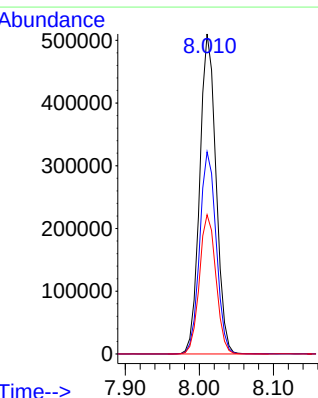
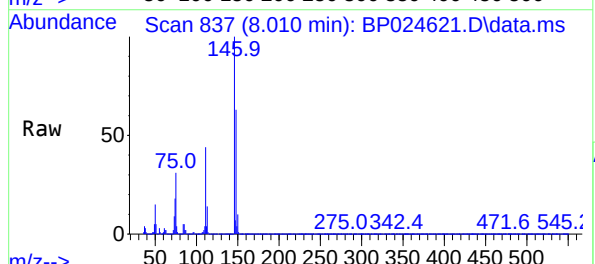
Tgt Ion:146 Resp: 779316

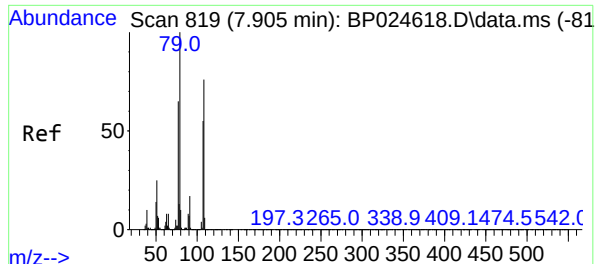
Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.4

111 43.5 35.2 52.8





#15

Benzyl Alcohol

Concen: 87.16 ng

RT: 7.910 min Scan# 819

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 664684

Ion Ratio Lower Upper

79 100

108 76.7 60.8 91.2

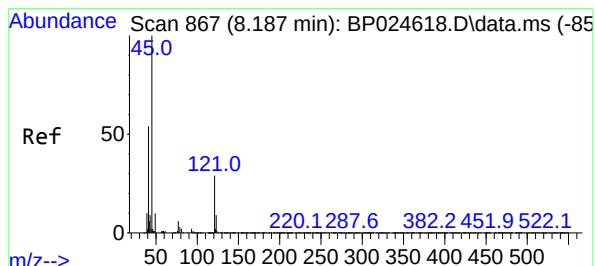
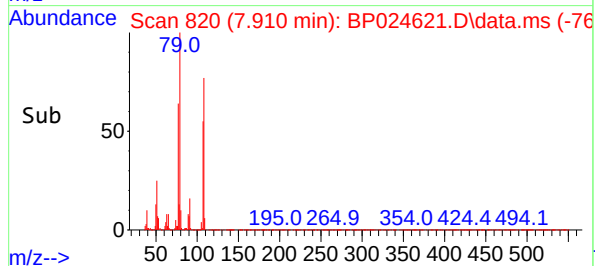
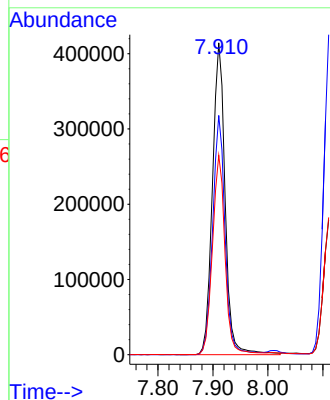
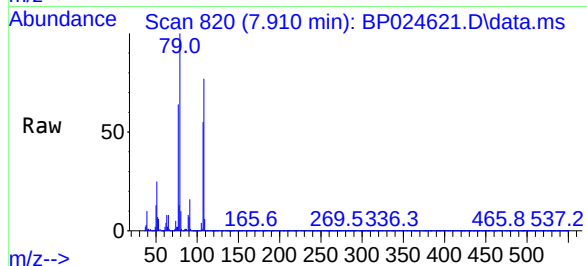
77 63.9 51.9 77.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 76.75 ng

RT: 8.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

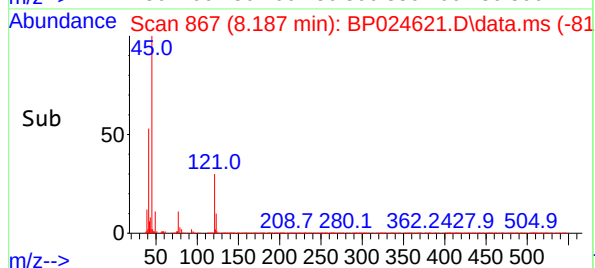
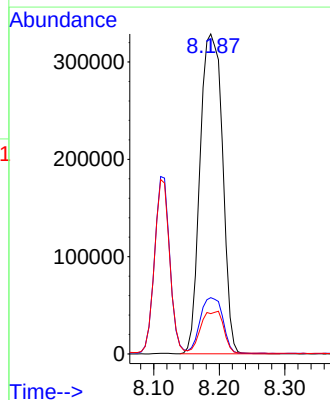
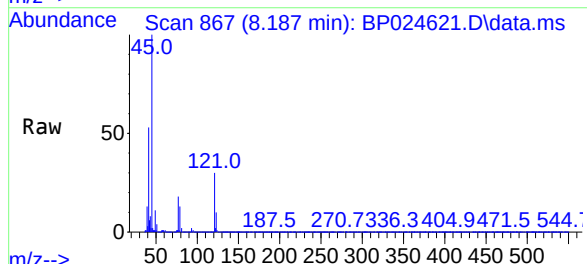
Tgt Ion: 45 Resp: 782240

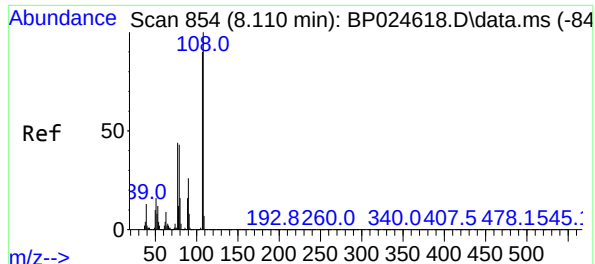
Ion Ratio Lower Upper

45 100

77 17.6 0.0 37.7

79 12.6 0.0 34.0





#17

2-Methylphenol

Concen: 83.58 ng

RT: 8.110 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 62090

Ion Ratio Lower Upper

107 100

108 110.9 88.9 133.3

77 47.6 39.0 58.6

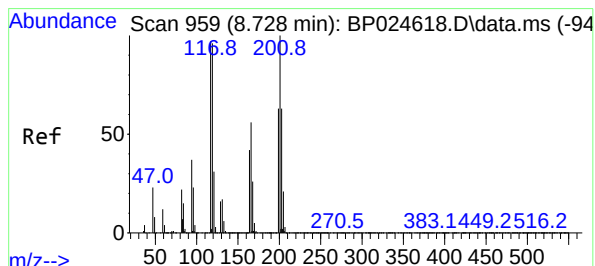
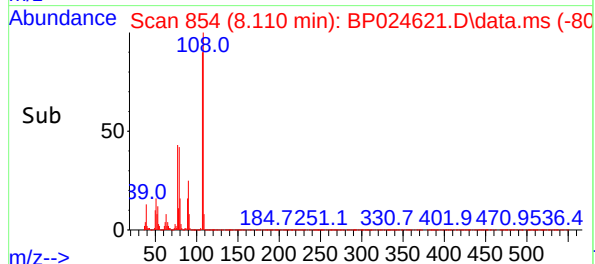
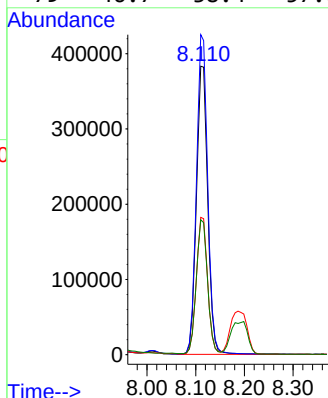
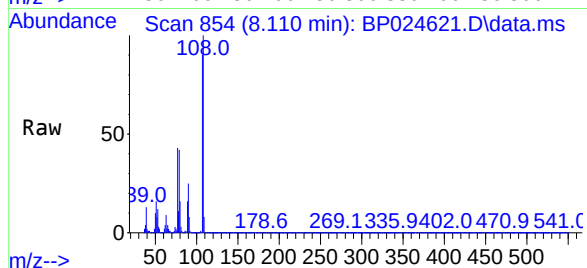
79 46.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 77.52 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

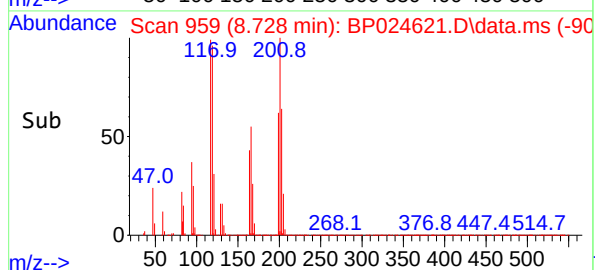
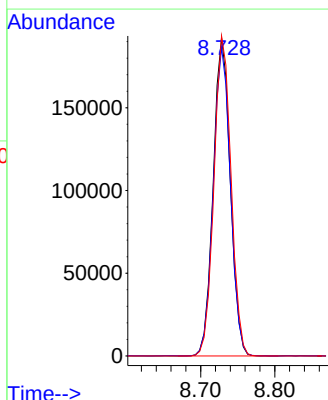
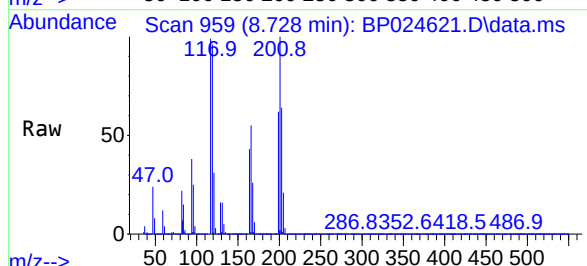
Tgt Ion:117 Resp: 306812

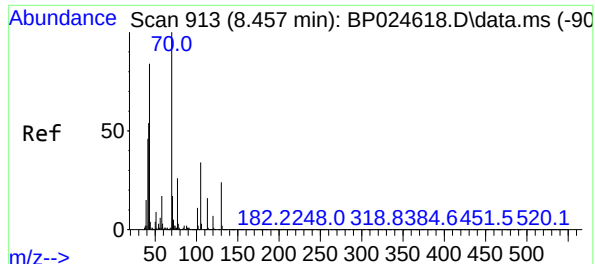
Ion Ratio Lower Upper

117 100

119 96.9 79.4 119.0

201 100.5 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 79.50 ng

RT: 8.469 min Scan# 913

Delta R.T. 0.012 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 55184

Ion Ratio Lower Upper

70 100

42 54.6 43.0 64.6

101 11.2 8.7 13.1

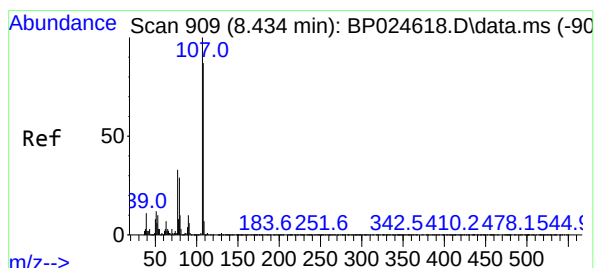
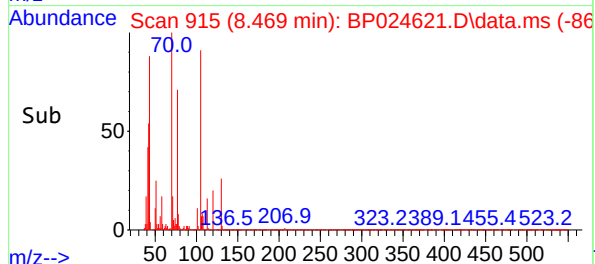
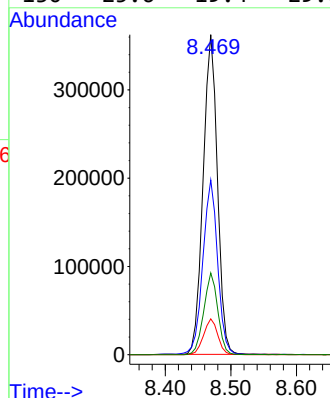
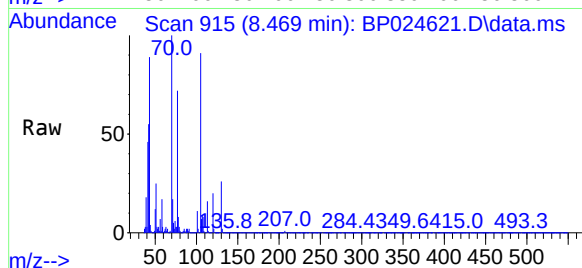
130 25.6 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 84.32 ng

RT: 8.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 852078

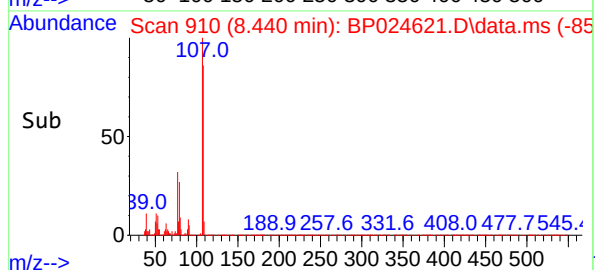
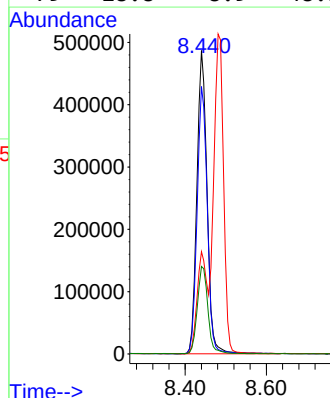
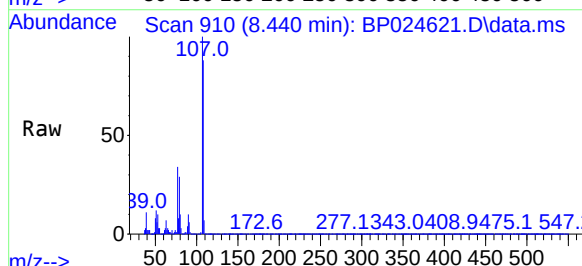
Ion Ratio Lower Upper

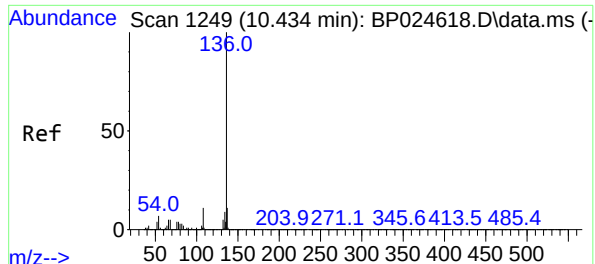
107 100

108 88.1 66.7 106.7

77 33.7 13.1 53.1

79 28.8 8.9 48.9





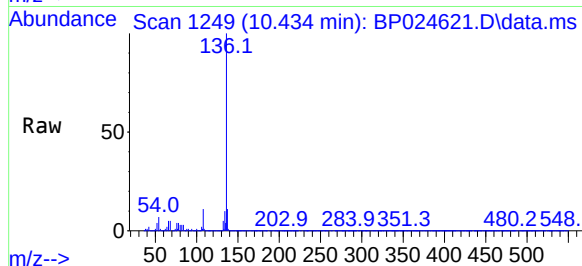
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

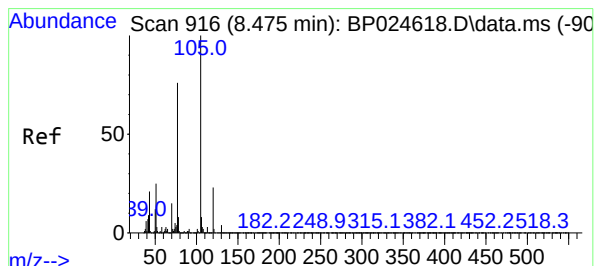
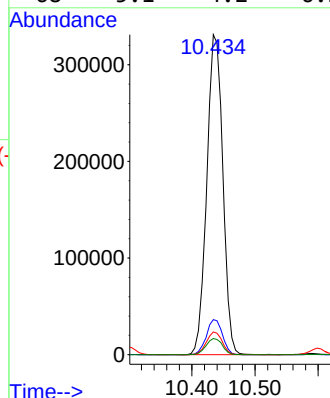
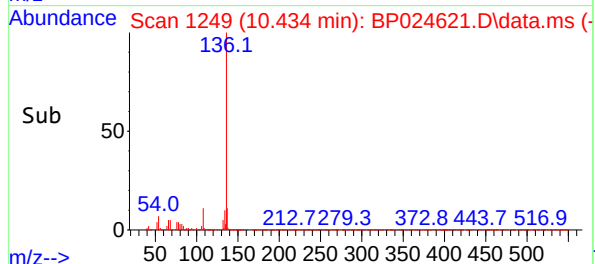


Tgt Ion:136 Resp: 584329
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.1 5.5 8.3
68 5.1 4.2 6.2

Manual Integrations

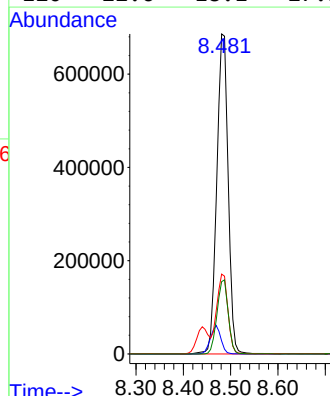
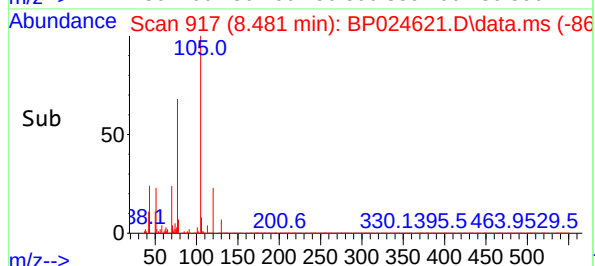
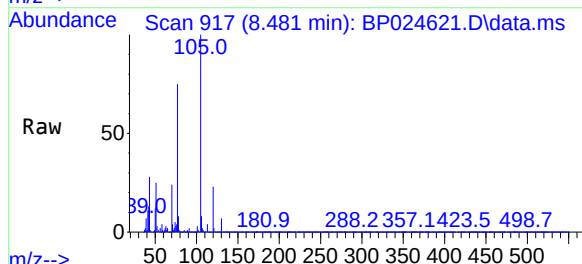
APPROVED

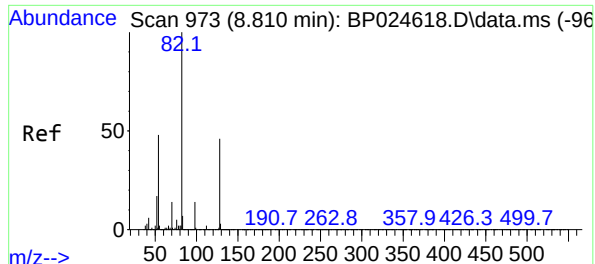
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#22
Acetophenone
Concen: 78.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

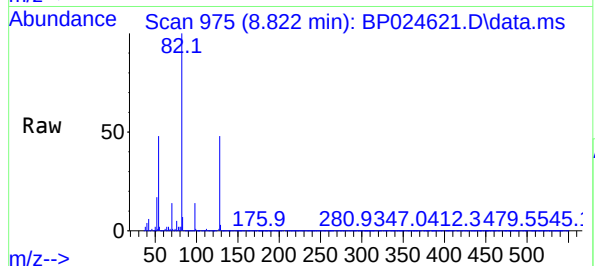
Tgt Ion:105 Resp: 1147610
Ion Ratio Lower Upper
105 100
71 4.0 2.0 3.0#
51 25.0 20.4 30.6
120 22.6 18.1 27.1





#23
Nitrobenzene-d5
Concen: 159.12 ng
RT: 8.822 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

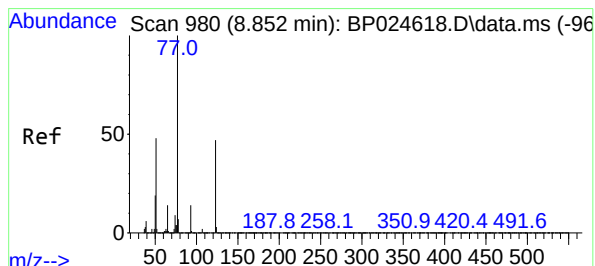
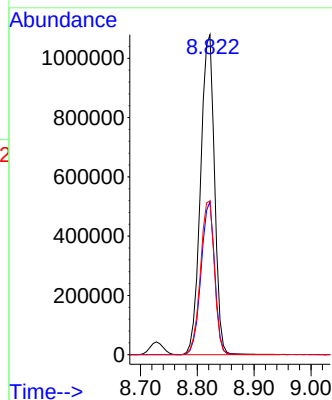
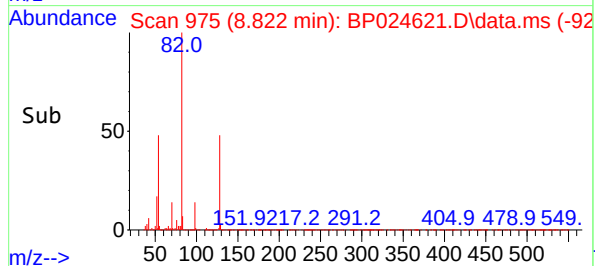
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 184018
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.4
54 48.0 38.7 58.1

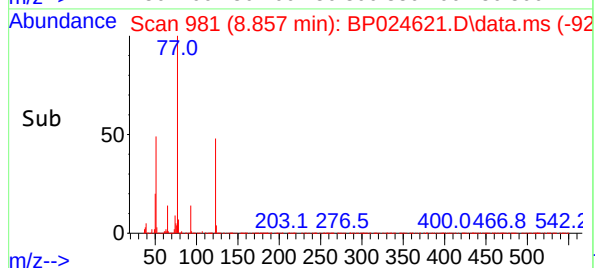
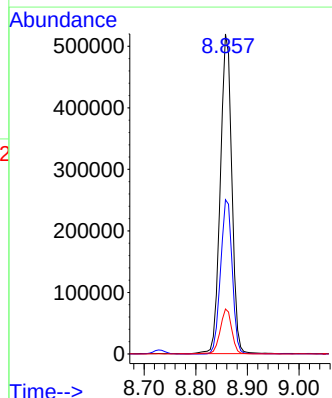
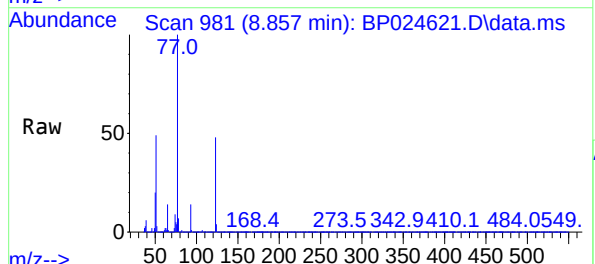
Manual Integrations
APPROVED

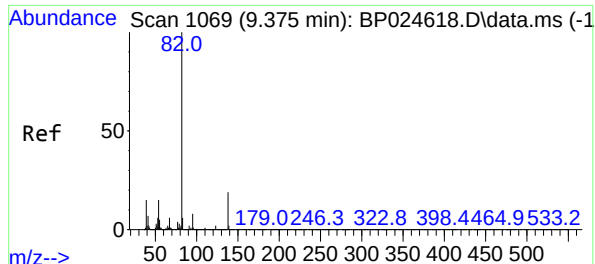
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#24
Nitrobenzene
Concen: 79.02 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

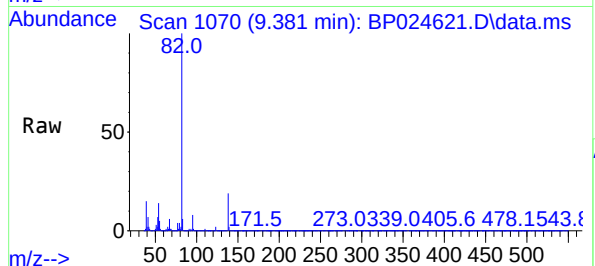
Tgt Ion: 77 Resp: 804153
Ion Ratio Lower Upper
77 100
123 48.2 37.4 56.0
65 14.0 11.3 16.9





#25
Isophorone
Concen: 79.42 ng
RT: 9.381 min Scan# 1069
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

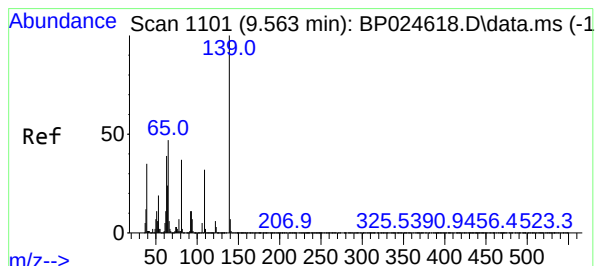
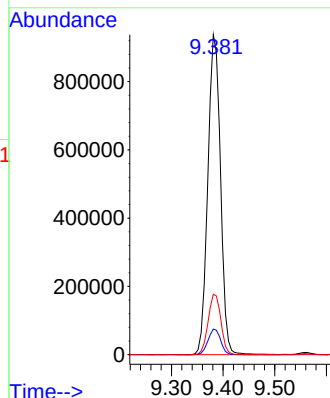
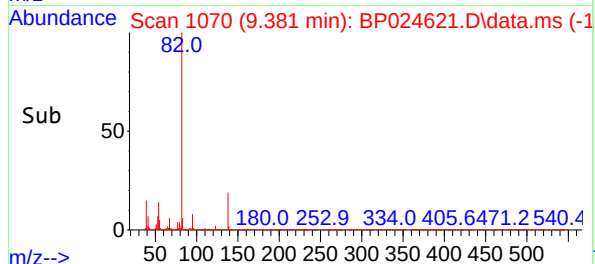
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 159323
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 18.9 15.3 22.9

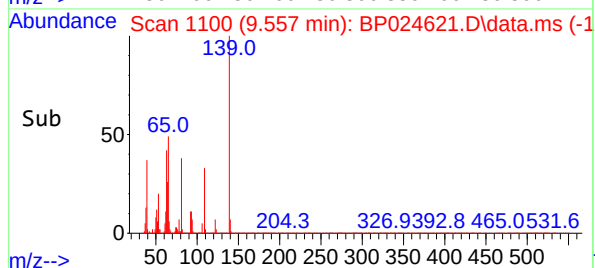
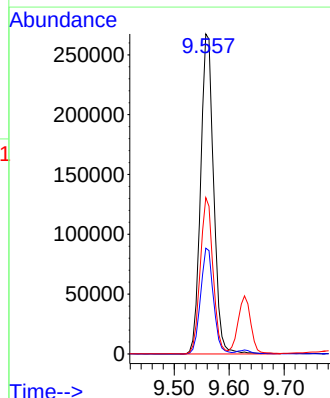
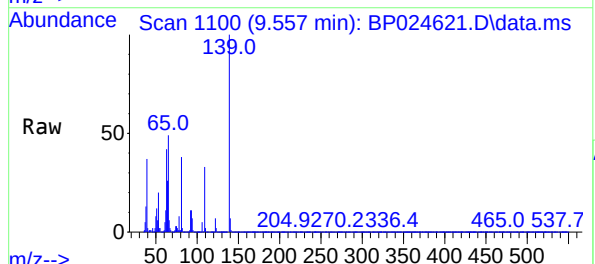
Manual Integrations
APPROVED

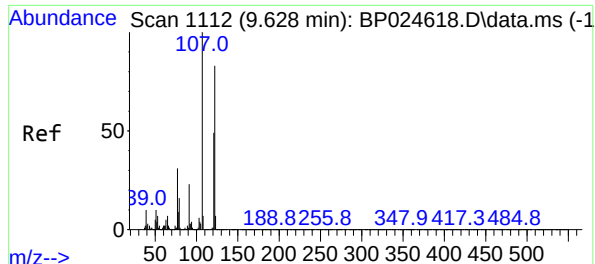
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 88.67 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 442185
Ion Ratio Lower Upper
139 100
109 33.1 25.9 38.9
65 48.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 82.17 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 722439

Ion Ratio Lower Upper

122 100

107 120.6 96.2 144.2

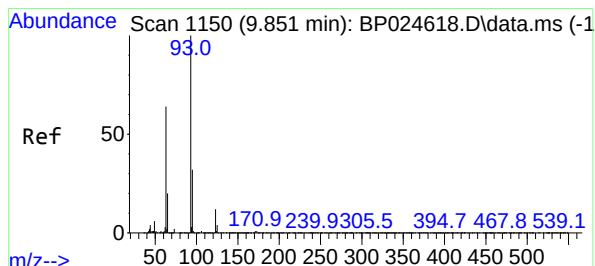
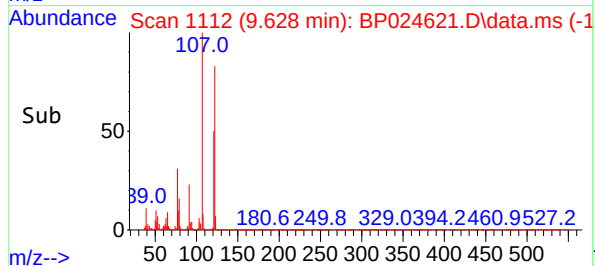
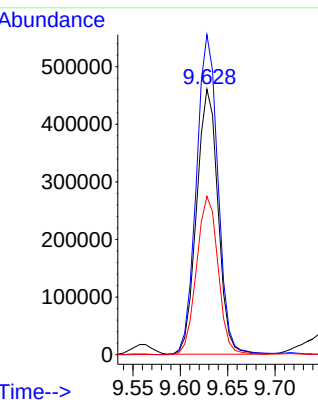
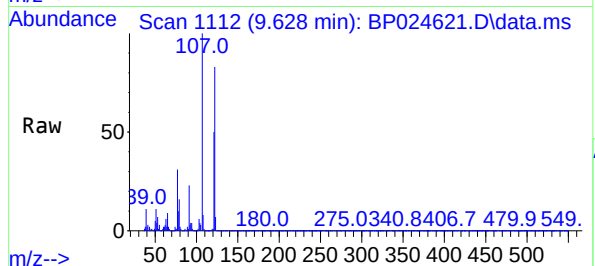
121 59.7 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 78.98 ng

RT: 9.857 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

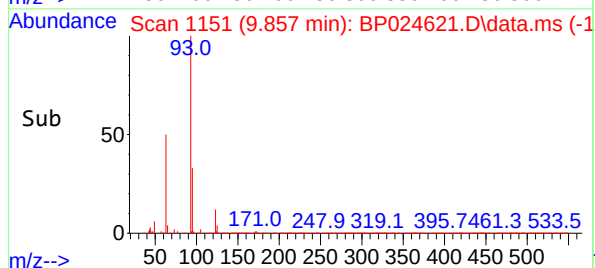
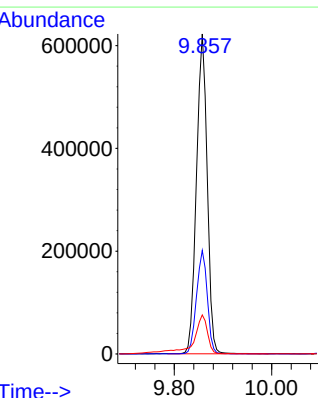
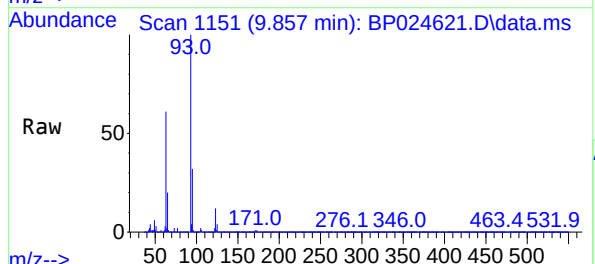
Tgt Ion: 93 Resp: 946615

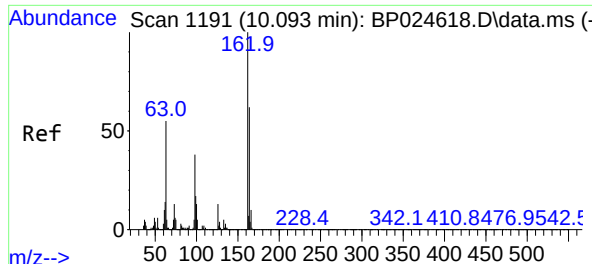
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 84.70 ng

RT: 10.099 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 72170

Ion Ratio Lower Upper

162 100

164 65.1 42.3 82.3

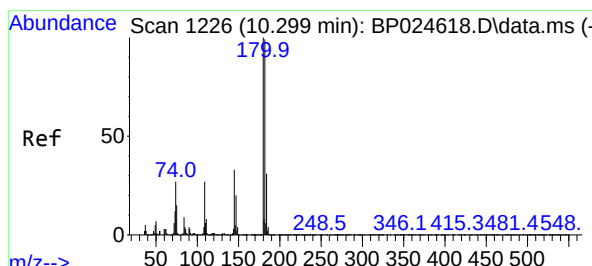
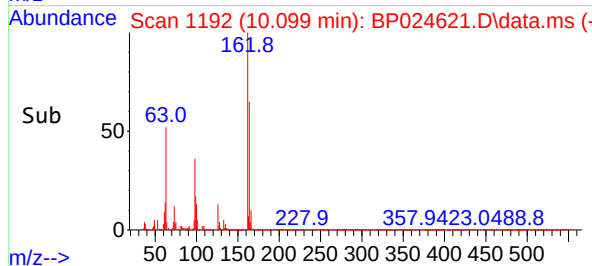
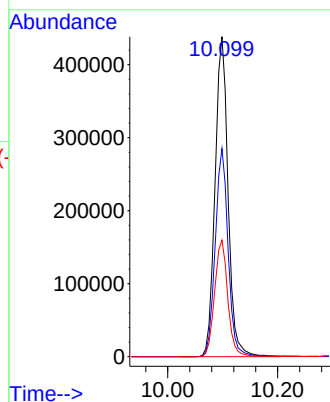
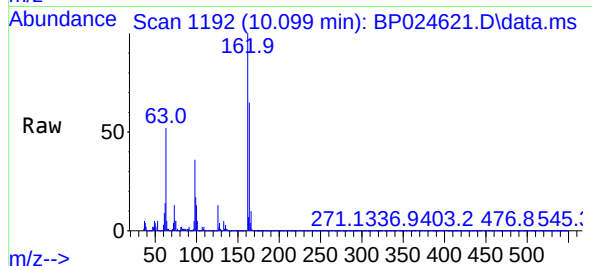
98 36.5 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 78.69 ng

RT: 10.299 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

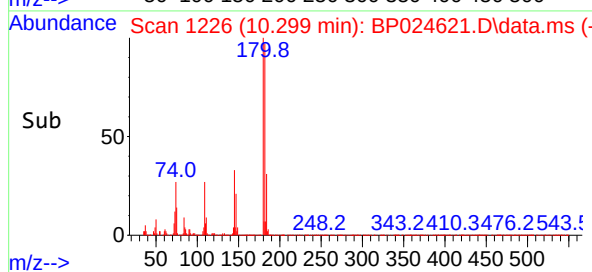
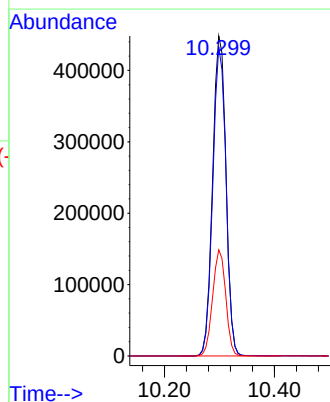
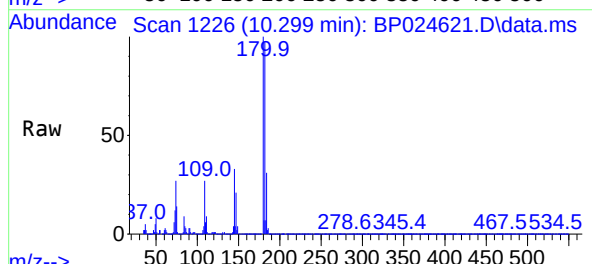
Tgt Ion:180 Resp: 755529

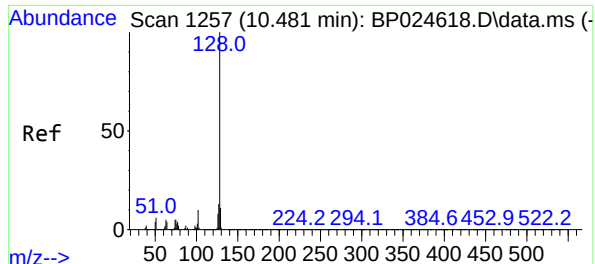
Ion Ratio Lower Upper

180 100

182 96.5 79.0 118.4

145 33.1 26.6 39.8





#31
Naphthalene
Concen: 77.77 ng
RT: 10.487 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

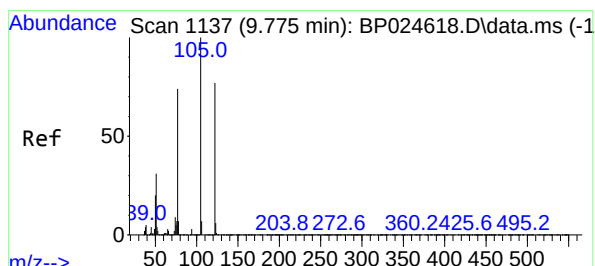
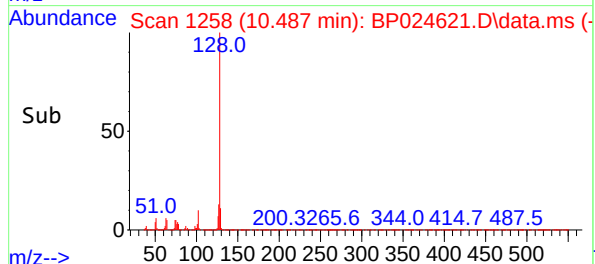
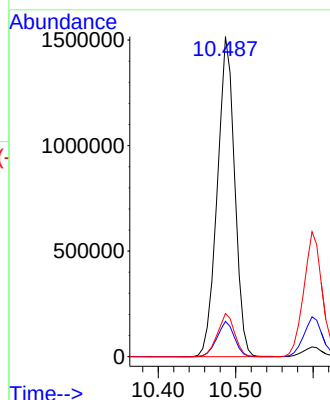
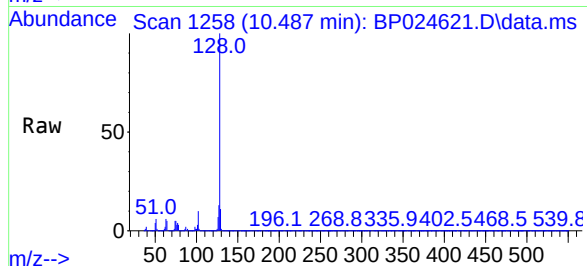
SSTDICC080

Tgt Ion:128 Resp: 2354789
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1

Manual Integrations

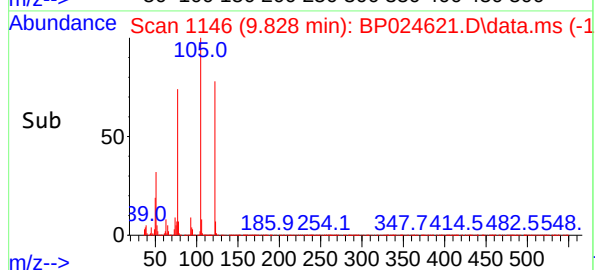
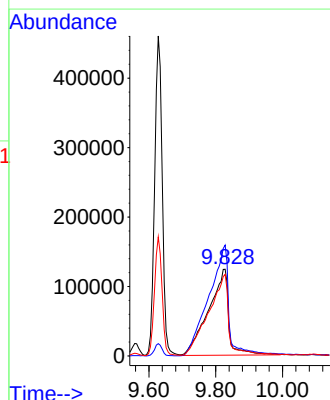
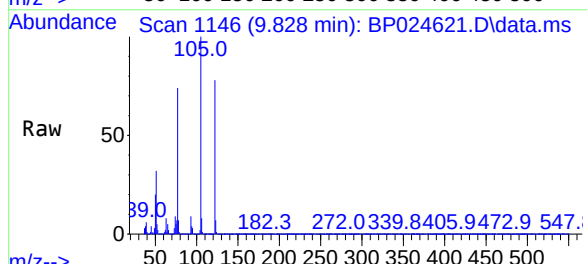
APPROVED

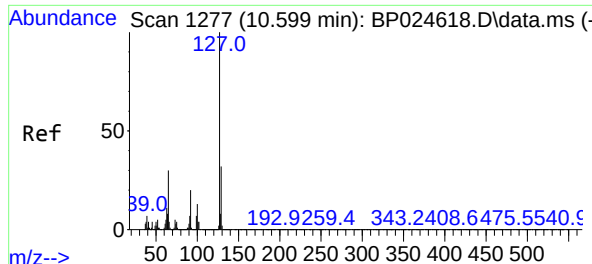
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#32
Benzoic acid
Concen: 80.15 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.053 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

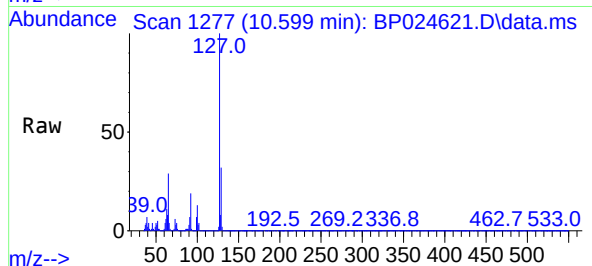
Tgt Ion:122 Resp: 525308
Ion Ratio Lower Upper
122 100
105 127.9 106.9 146.9
77 94.2 75.1 115.1





#33
4-Chloroaniline
Concen: 84.61 ng
RT: 10.599 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

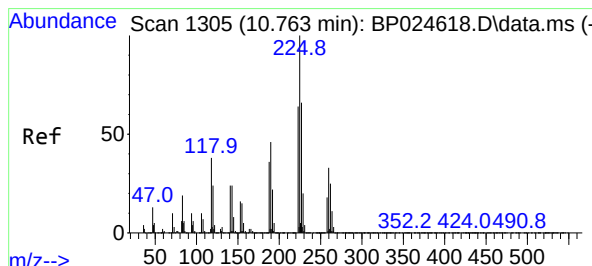
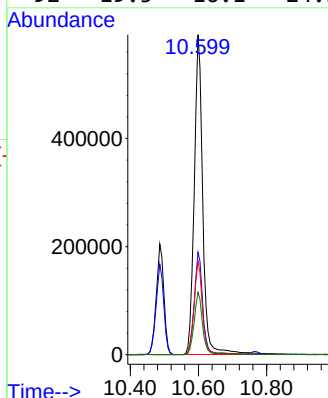
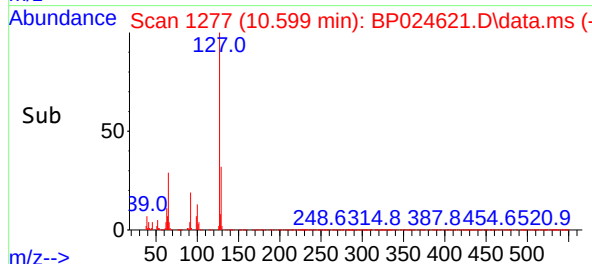
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:127 Resp: 103386
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6
65 29.1 23.9 35.9
92 19.5 16.1 24.1

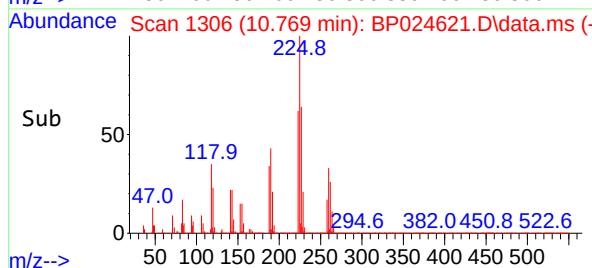
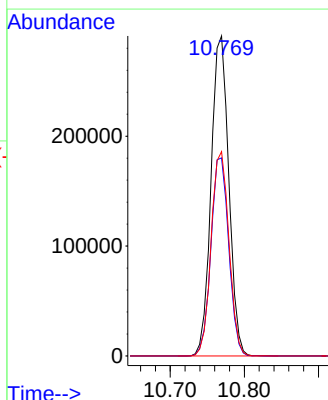
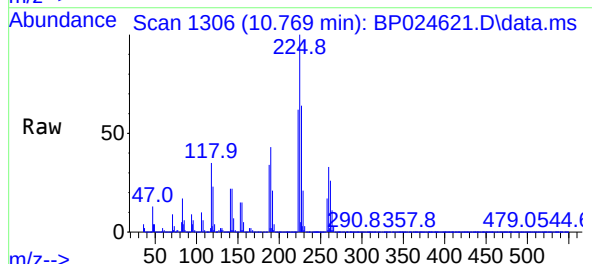
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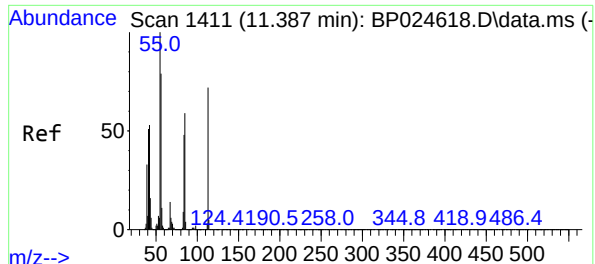
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#34
Hexachlorobutadiene
Concen: 77.35 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:225 Resp: 481140
Ion Ratio Lower Upper
225 100
223 61.9 51.0 76.6
227 63.8 53.1 79.7





#35

Caprolactam

Concen: 83.50 ng

RT: 11.416 min Scan# 1411

Delta R.T. 0.029 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:113 Resp: 25725

Ion Ratio Lower Upper

113 100

55 133.3 119.0 159.0

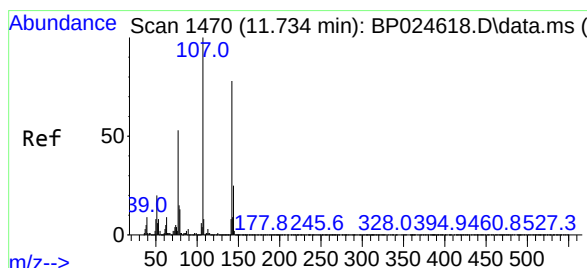
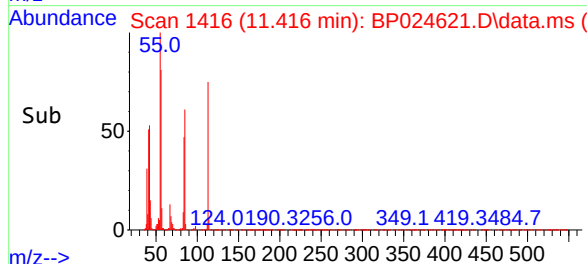
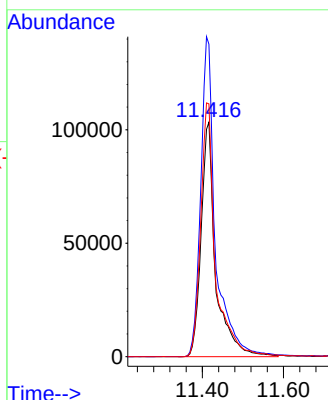
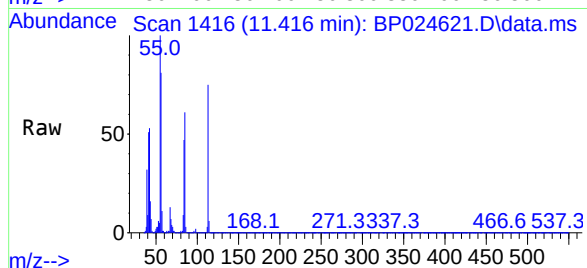
56 107.8 90.3 130.3

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#36

4-Chloro-3-methylphenol

Concen: 80.74 ng

RT: 11.734 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

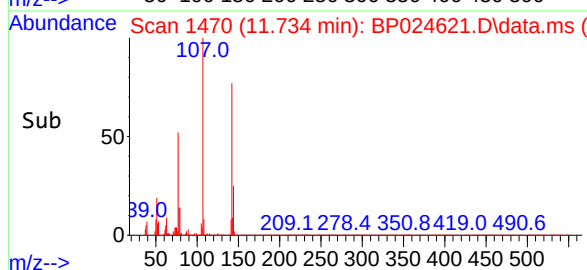
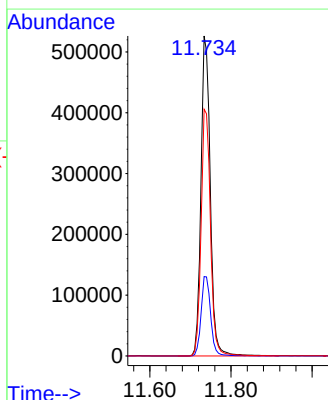
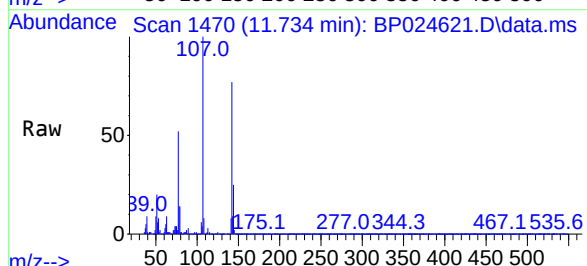
Tgt Ion:107 Resp: 838983

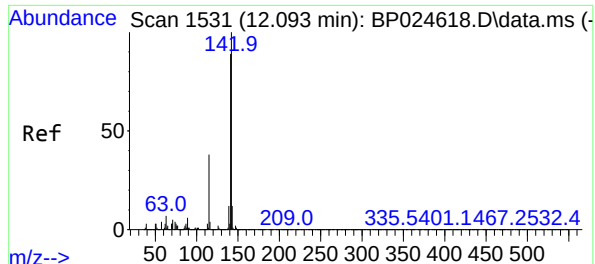
Ion Ratio Lower Upper

107 100

144 24.8 20.1 30.1

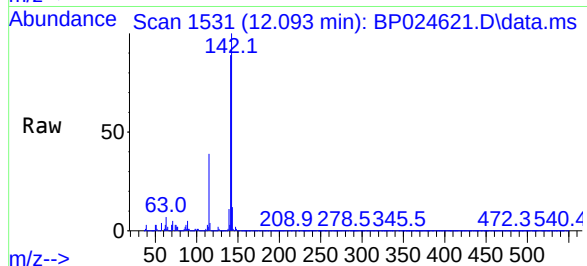
142 77.1 62.1 93.1





#37
2-Methylnaphthalene
Concen: 78.01 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

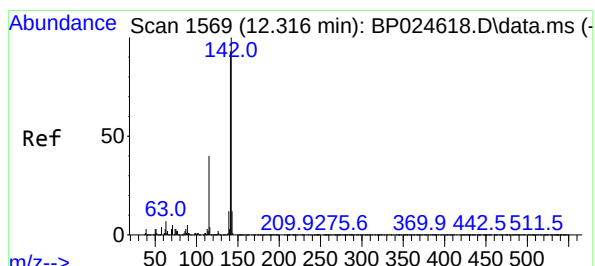
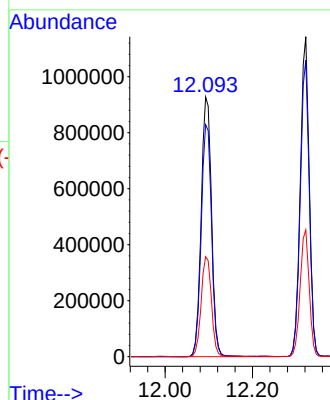
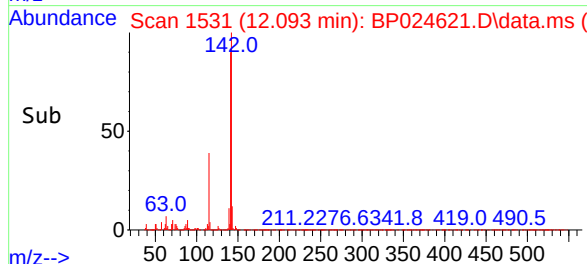
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



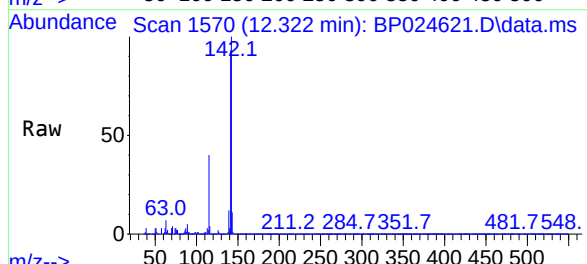
Tgt Ion:142 Resp: 152944
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8
115 38.5 30.6 46.0

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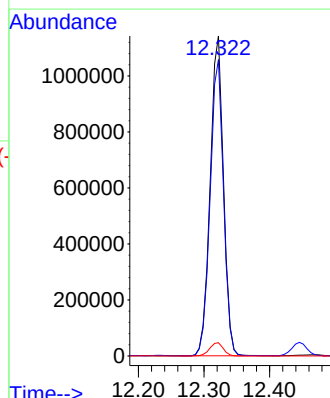
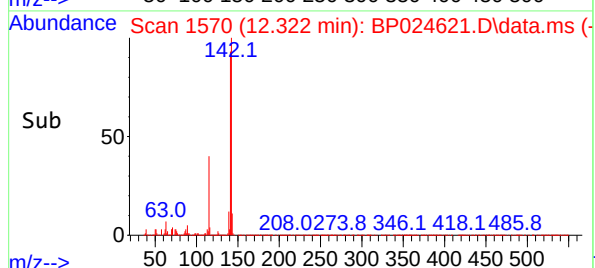
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

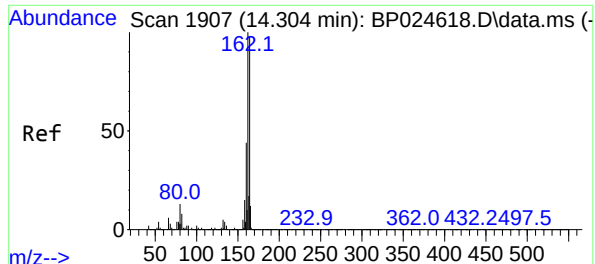


#38
1-Methylnaphthalene
Concen: 76.92 ng
RT: 12.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



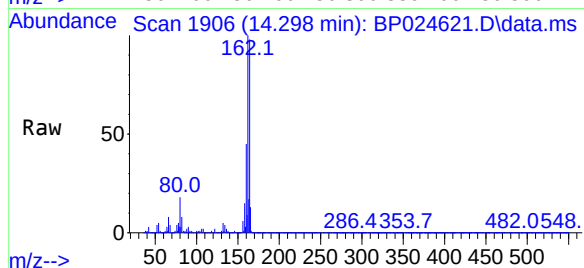
Tgt Ion:142 Resp: 1613775
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1
116 4.1 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

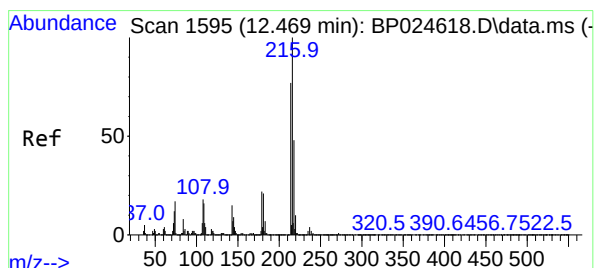
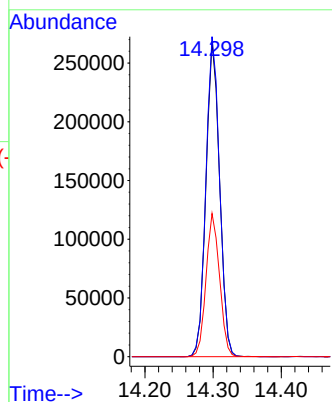
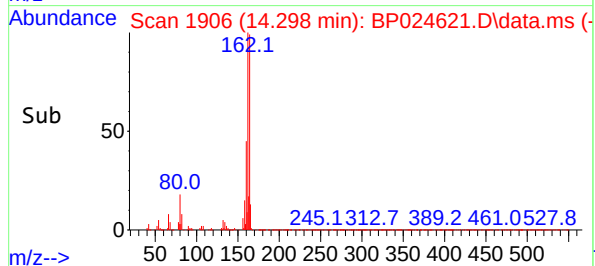
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:164 Resp: 373579
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 45.5 36.3 54.5

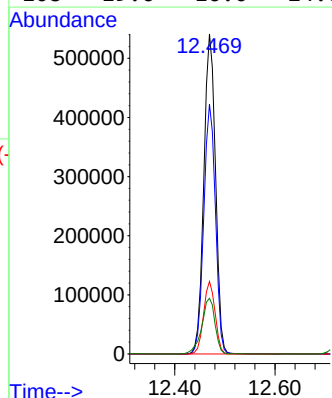
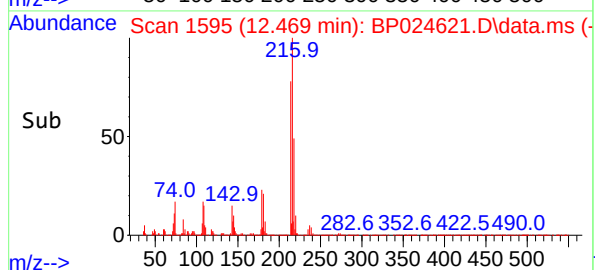
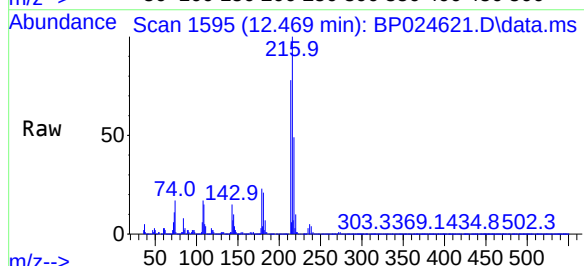
Manual Integrations
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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

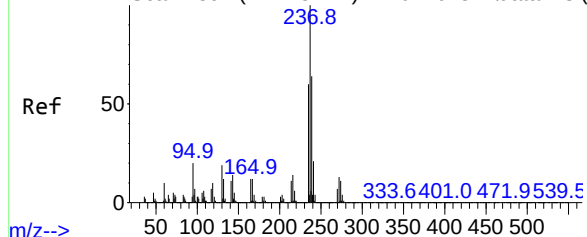


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.73 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:216 Resp: 875750
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 22.4 17.7 26.5
108 19.6 16.0 24.0



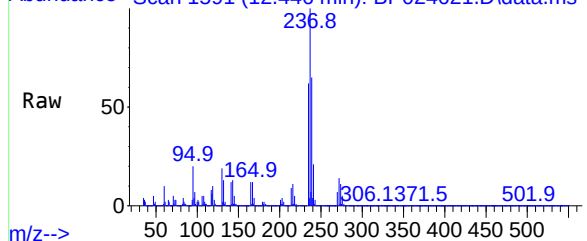
Abundance Scan 1591 (12.445 min): BP024618.D\data.ms (-



#41
Hexachlorocyclopentadiene
Concen: 95.54 ng
RT: 12.446 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Abundance Scan 1591 (12.446 min): BP024621.D\data.ms

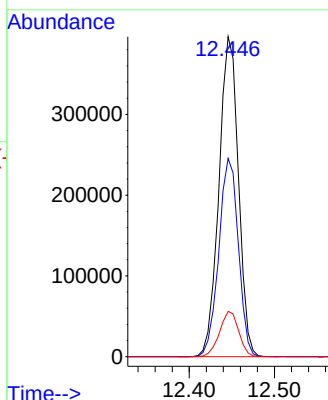
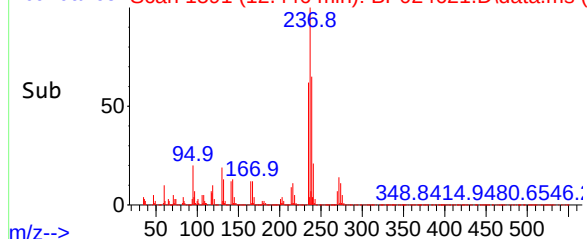


Tgt Ion: 237 Resp: 628430
Ion Ratio Lower Upper
237 100
235 61.9 39.9 79.9
272 14.1 0.0 33.2

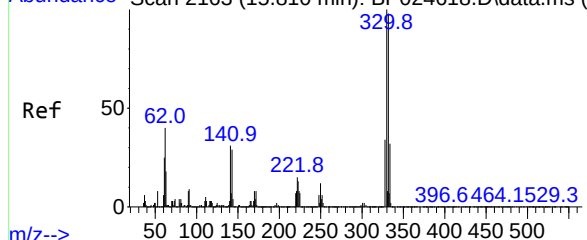
Manual Integrations
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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Abundance Scan 1591 (12.446 min): BP024621.D\data.ms (-

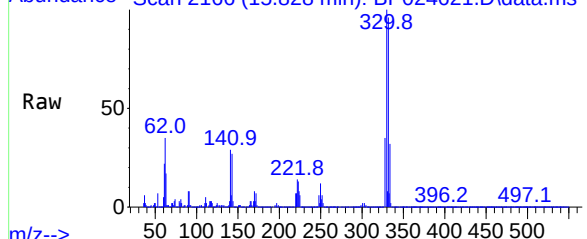


Abundance Scan 2163 (15.810 min): BP024618.D\data.ms (-



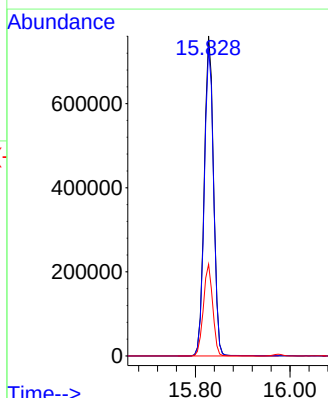
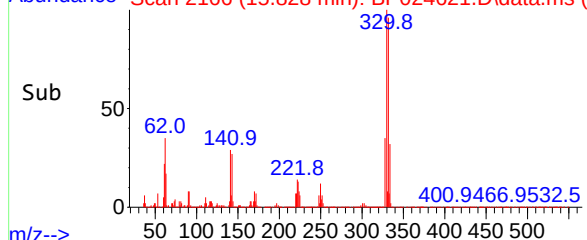
#42
2,4,6-Tribromophenol
Concen: 163.05 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

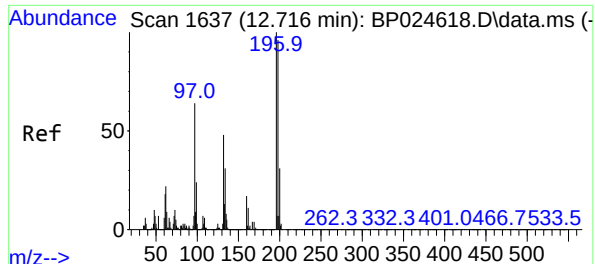
Abundance Scan 2166 (15.828 min): BP024621.D\data.ms



Tgt Ion: 330 Resp: 1032638
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 28.8 24.3 36.5

Abundance Scan 2166 (15.828 min): BP024621.D\data.ms (-





#43

2,4,6-Trichlorophenol

Concen: 85.58 ng

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 60133

Ion Ratio Lower Upper

196 100

198 94.9 76.9 115.3

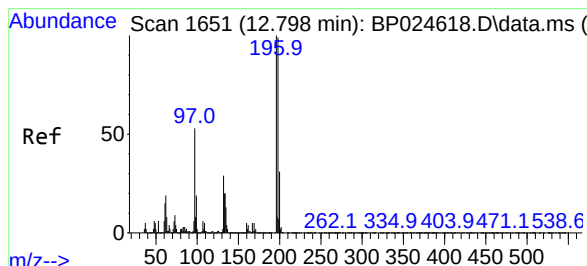
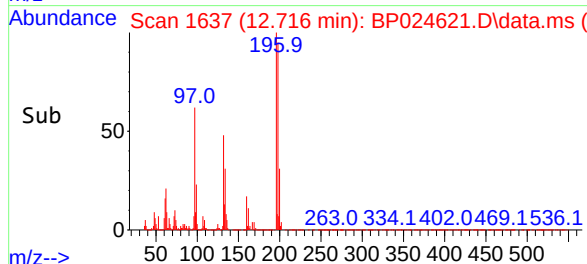
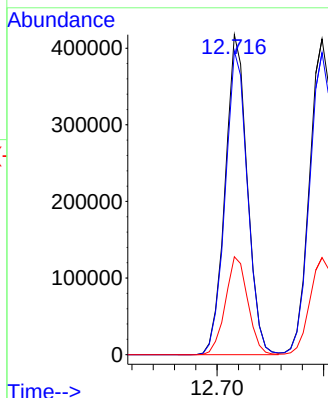
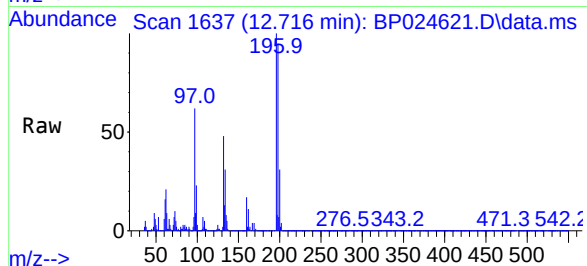
200 30.6 25.2 37.8

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#44

2,4,5-Trichlorophenol

Concen: 84.05 ng

RT: 12.798 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Tgt Ion:196 Resp: 657399

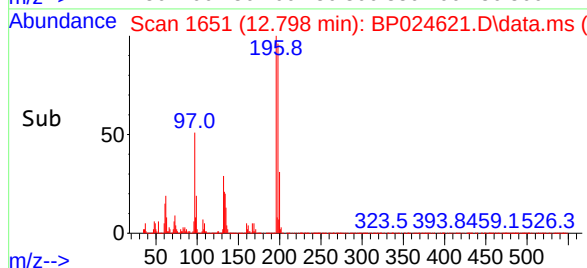
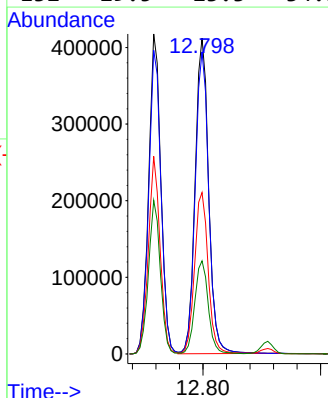
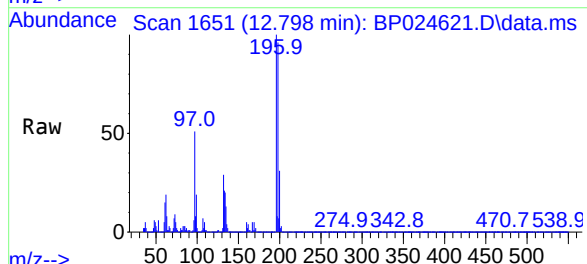
Ion Ratio Lower Upper

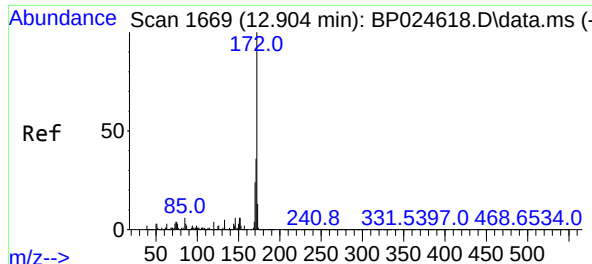
196 100

198 95.7 79.2 118.8

97 51.1 42.3 63.5

132 29.5 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 155.65 ng
RT: 12.910 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

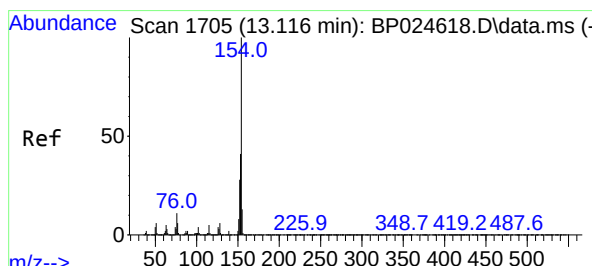
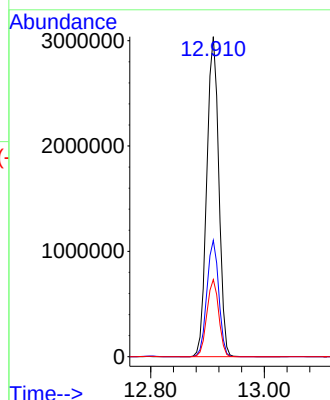
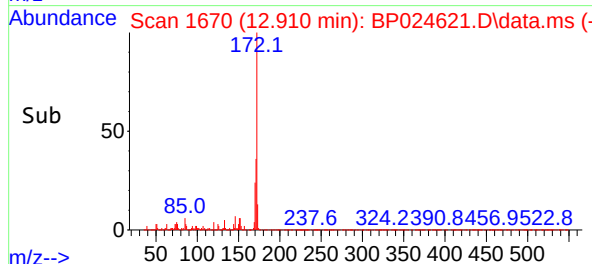
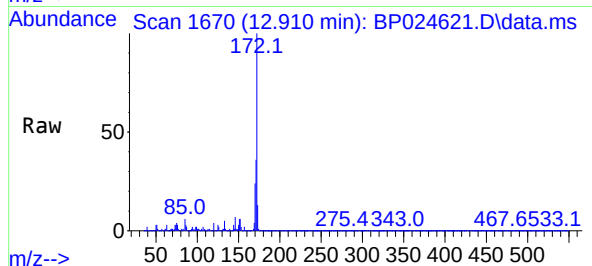
SSTDICC080

Tgt Ion:172 Resp: 4438179
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.1 18.8 28.2

Manual Integrations

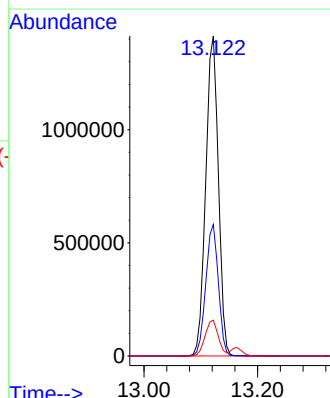
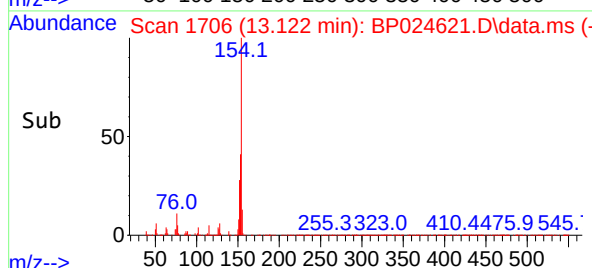
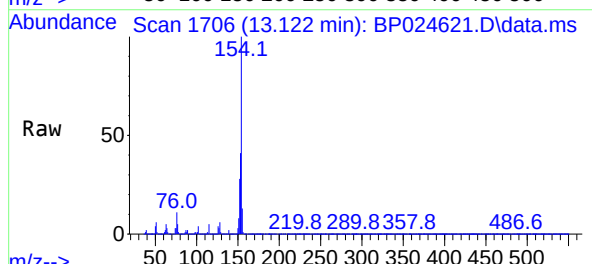
APPROVED

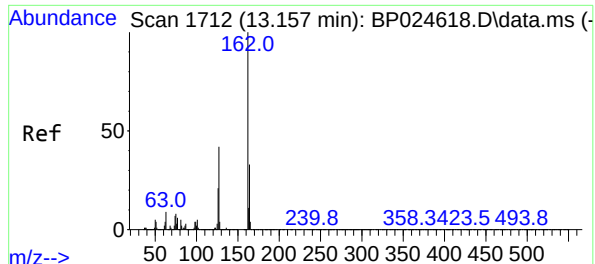
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 78.79 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:154 Resp: 2175624
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 11.2 0.0 31.5





#47
2-Chloronaphthalene
Concen: 78.99 ng
RT: 13.163 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

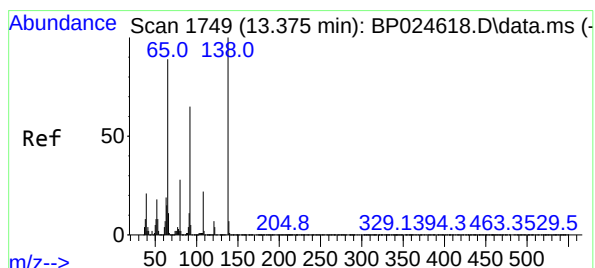
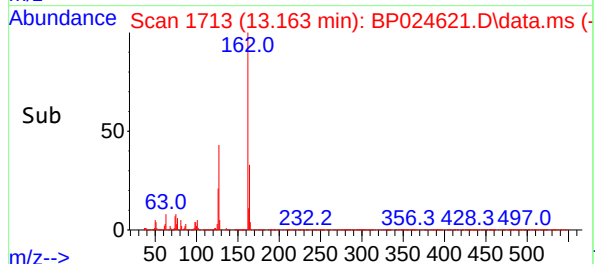
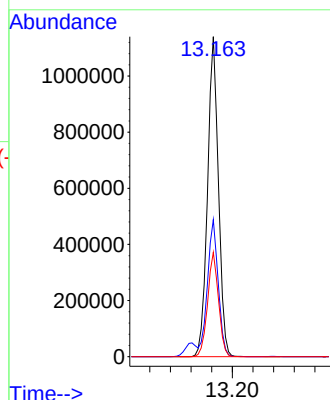
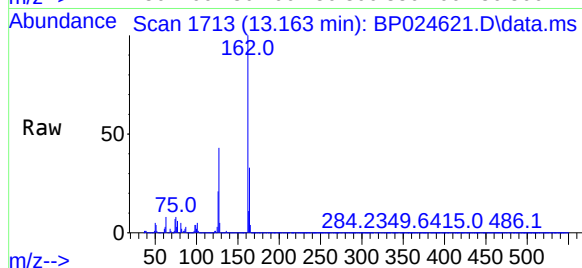
SSTDICC080

Tgt Ion:162 Resp: 1662979
Ion Ratio Lower Upper
162 100
127 42.8 33.8 50.6
164 32.6 26.0 39.0

Manual Integrations

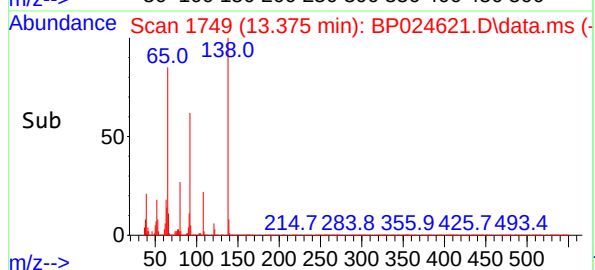
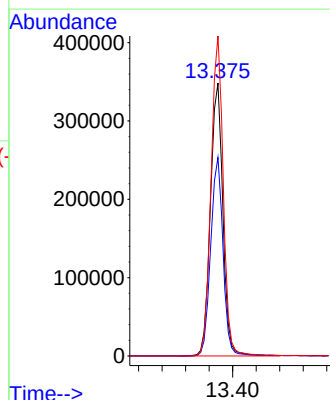
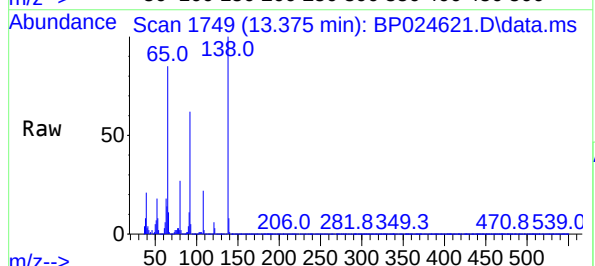
APPROVED

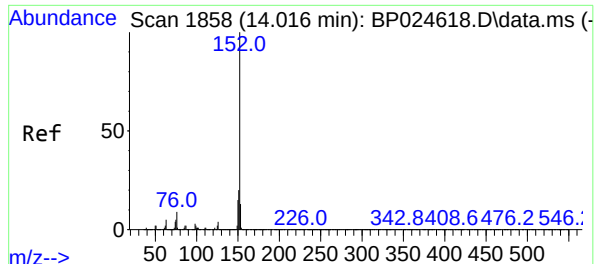
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#48
2-Nitroaniline
Concen: 82.22 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 65 Resp: 512458
Ion Ratio Lower Upper
65 100
92 72.7 58.7 88.1
138 117.2 90.2 135.2





#49

Acenaphthylene

Concen: 78.73 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 277374

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

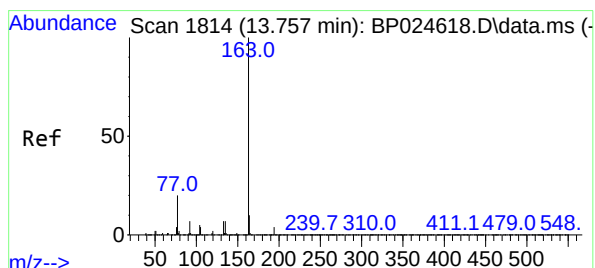
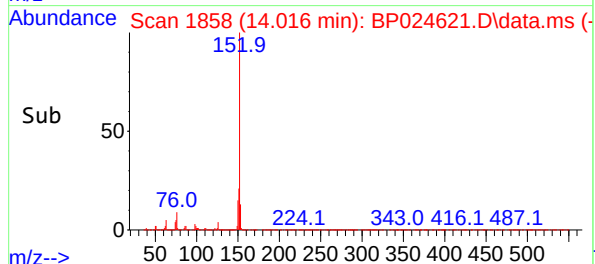
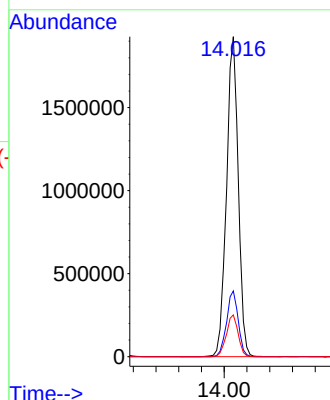
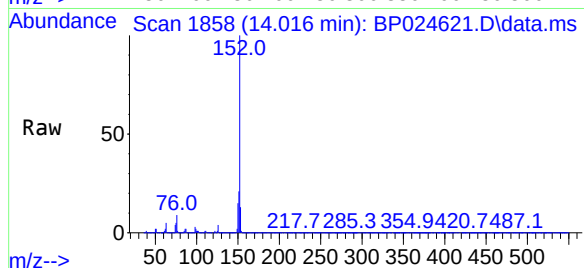
153 13.1 10.2 15.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#50

Dimethylphthalate

Concen: 76.64 ng

RT: 13.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

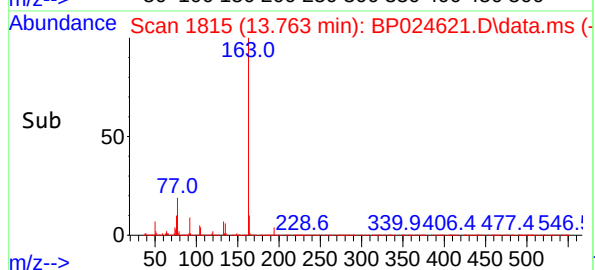
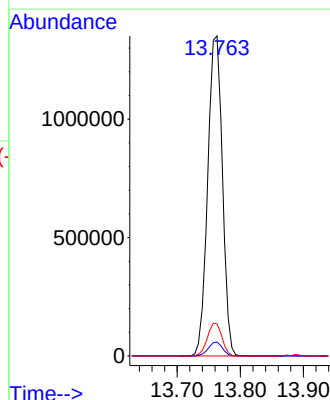
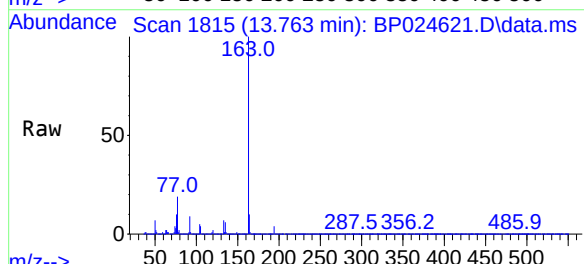
Tgt Ion:163 Resp: 2182359

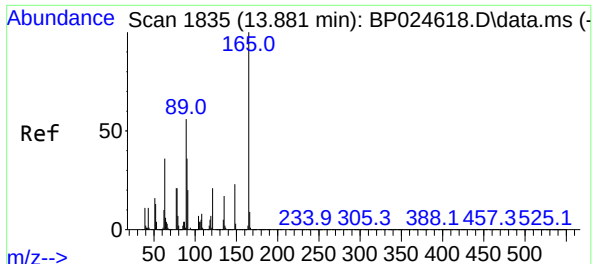
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.0 8.1 12.1





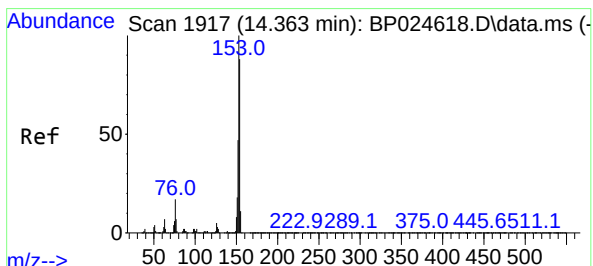
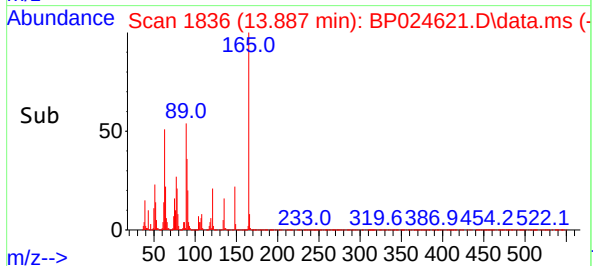
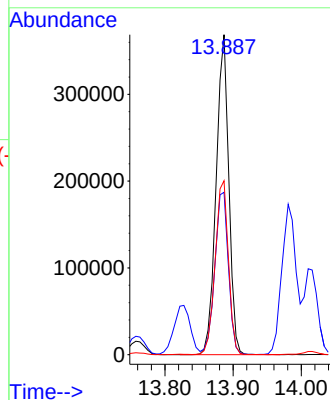
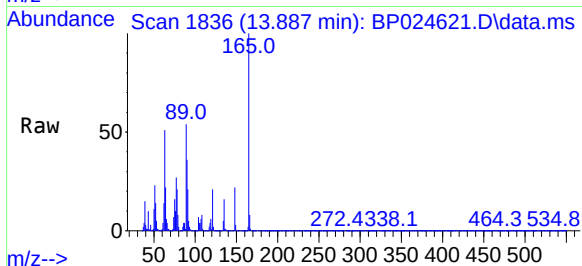
#51
2,6-Dinitrotoluene
Concen: 79.26 ng
RT: 13.887 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 476600
Ion Ratio Lower Upper
165 100
63 50.8 42.4 63.6
89 54.4 44.8 67.2

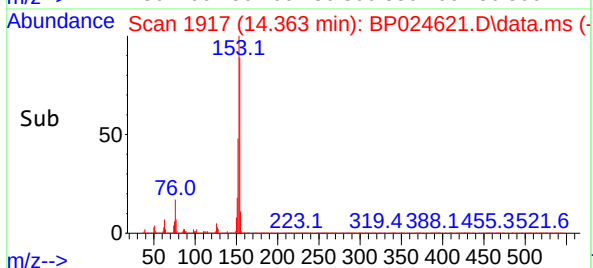
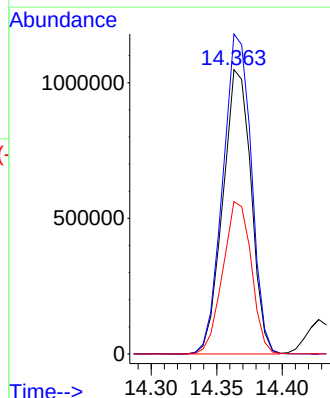
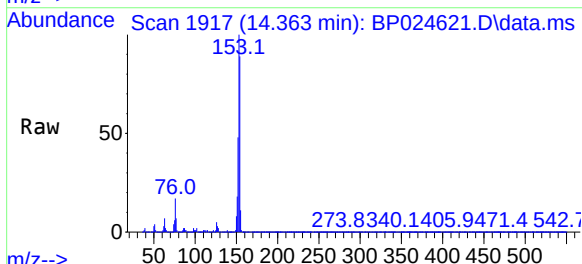
Manual Integrations
APPROVED

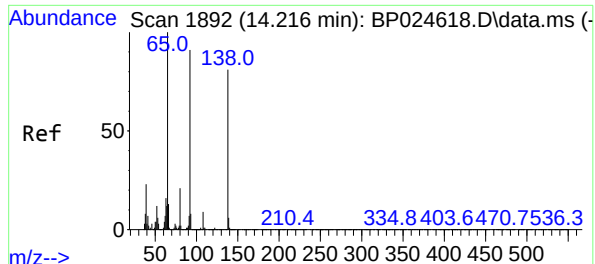
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#52
Acenaphthene
Concen: 77.62 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

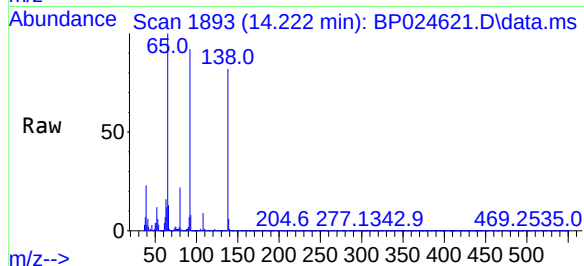
Tgt Ion:154 Resp: 1572103
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.4
152 53.6 42.9 64.3





#53
3-Nitroaniline
Concen: 85.15 ng
RT: 14.222 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

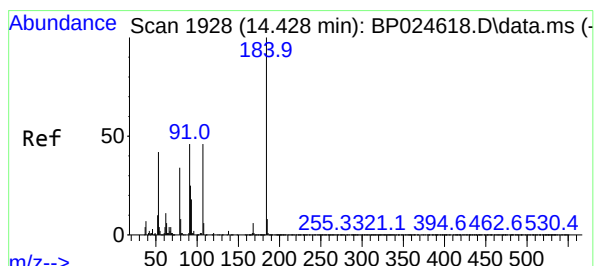
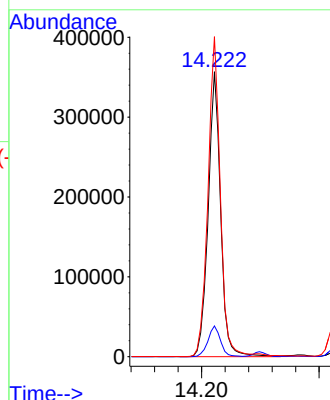
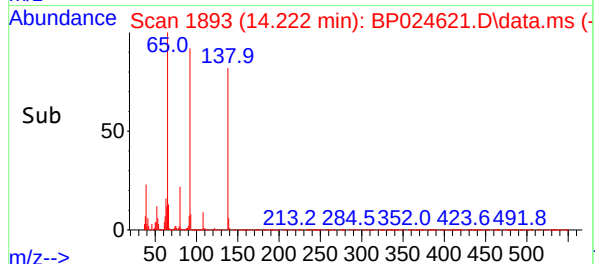
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 522849
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 112.3 90.1 135.1

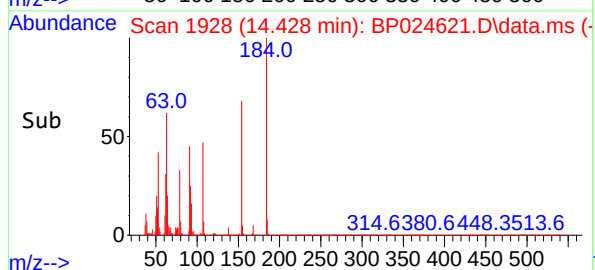
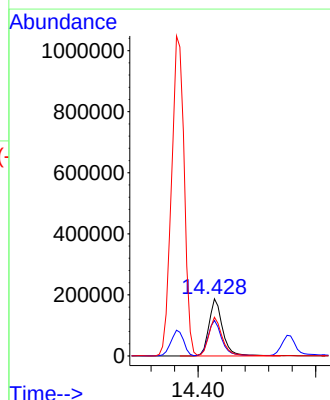
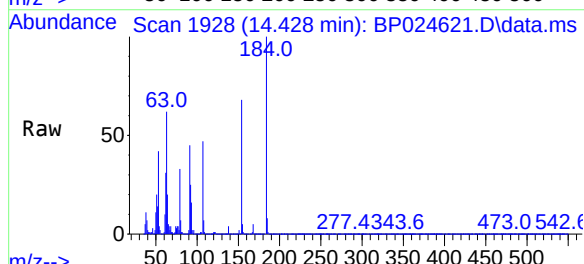
Manual Integrations
APPROVED

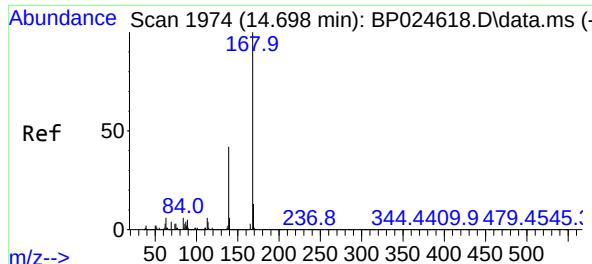
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#54
2,4-Dinitrophenol
Concen: 79.29 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

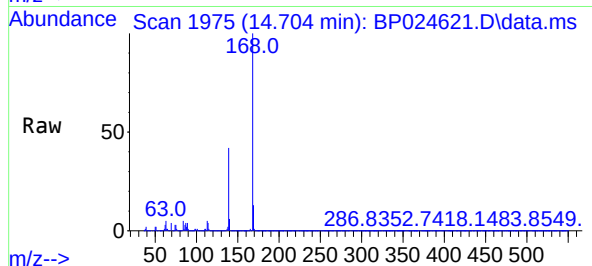
Tgt Ion:184 Resp: 300458
Ion Ratio Lower Upper
184 100
63 62.1 51.3 76.9
154 67.9 53.5 80.3





#55
Dibenzenofuran
Concen: 76.68 ng
RT: 14.704 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

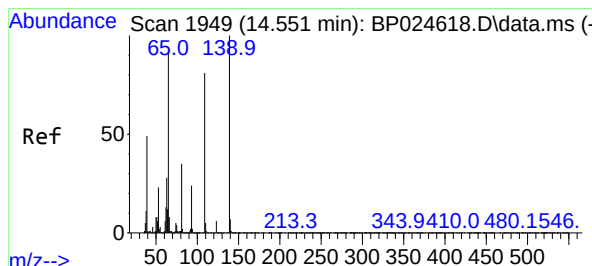
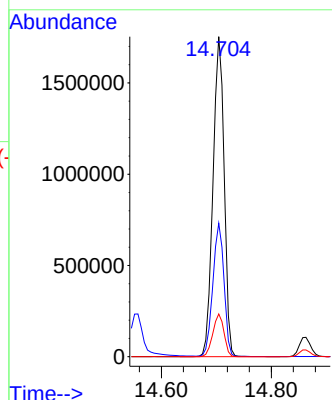
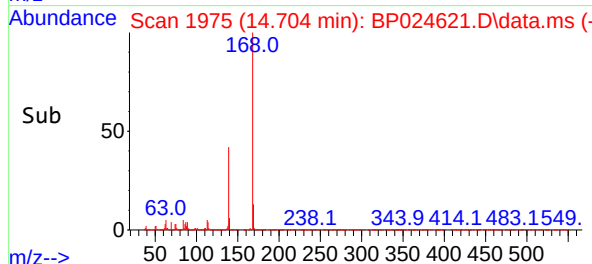
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 2477374
Ion Ratio Lower Upper
168 100
139 41.7 34.2 51.4
169 13.4 10.8 16.2

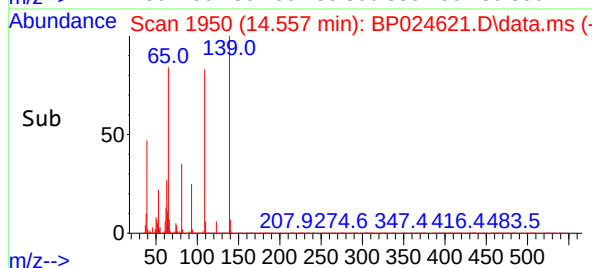
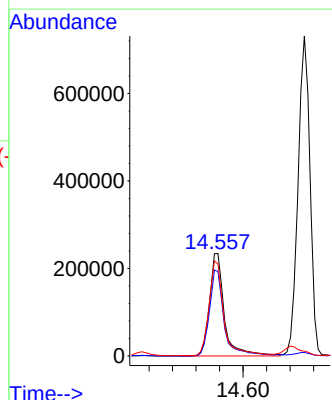
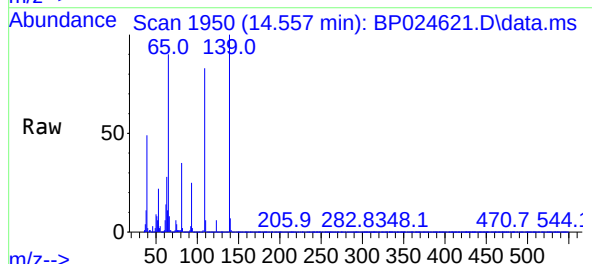
Manual Integrations
APPROVED

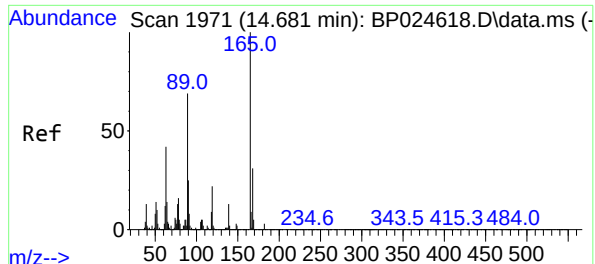
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#56
4-Nitrophenol
Concen: 77.27 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 409954
Ion Ratio Lower Upper
139 100
109 82.6 61.4 101.4
65 89.8 72.2 112.2





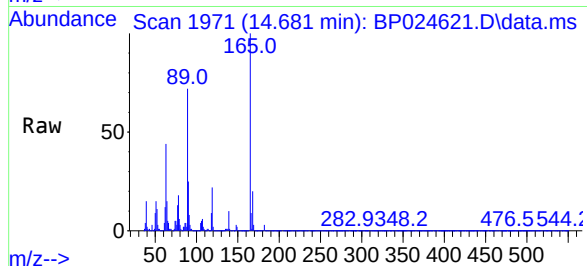
#57
2,4-Dinitrotoluene
Concen: 80.01 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

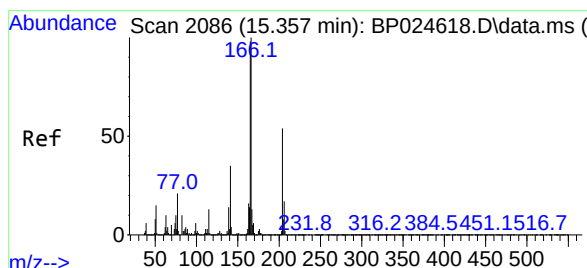
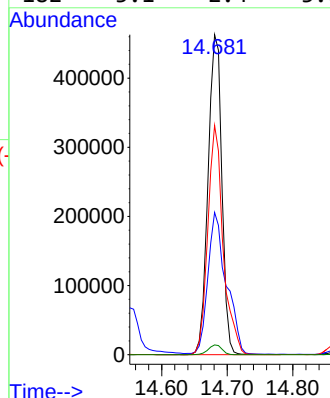
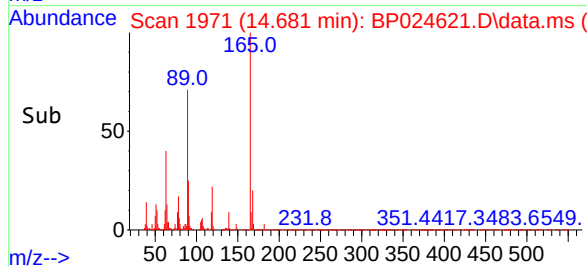


Tgt Ion:165 Resp: 67828
Ion Ratio Lower Upper
165 100
63 44.4 33.8 50.6
89 71.6 55.6 83.4
182 3.1 2.4 3.6

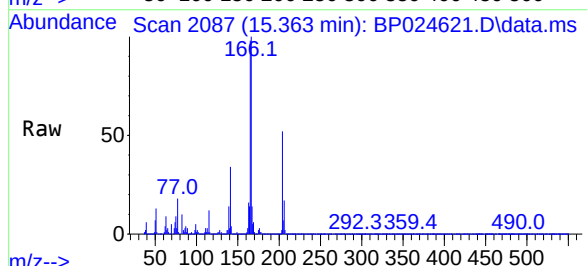
Manual Integrations

APPROVED

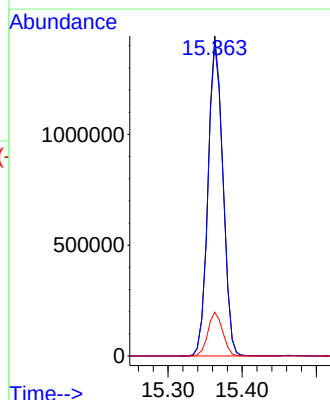
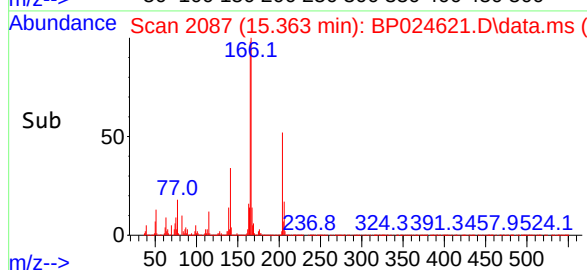
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

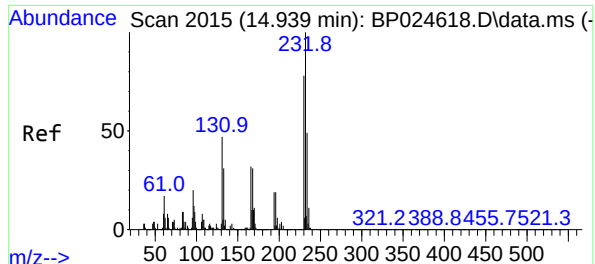


#58
Fluorene
Concen: 76.06 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



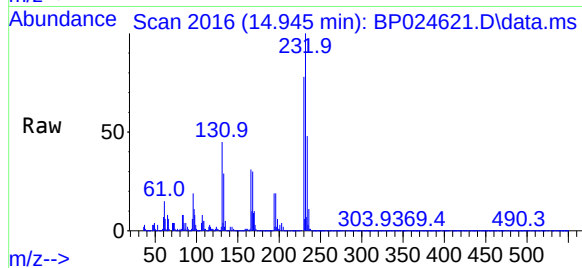
Tgt Ion:166 Resp: 2003709
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 81.17 ng
RT: 14.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

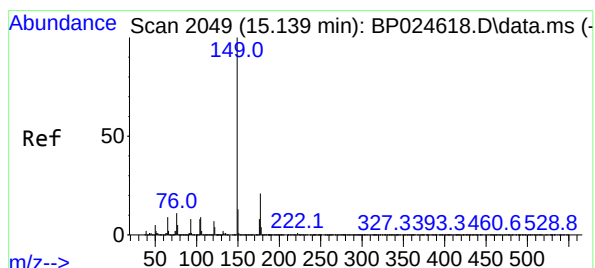
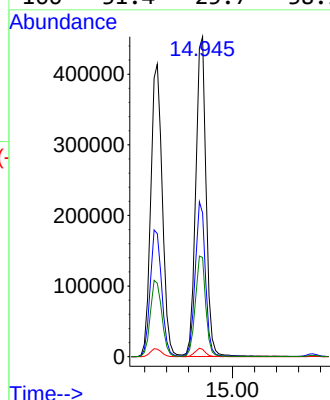
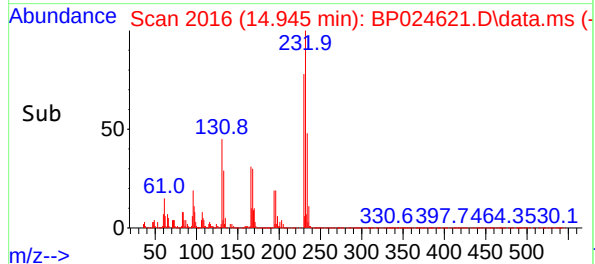
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 58894
Ion Ratio Lower Upper
232 100
131 48.1 39.5 59.3
130 2.6 2.2 3.4
166 31.4 25.7 38.5

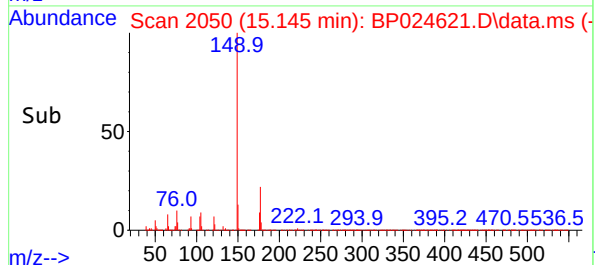
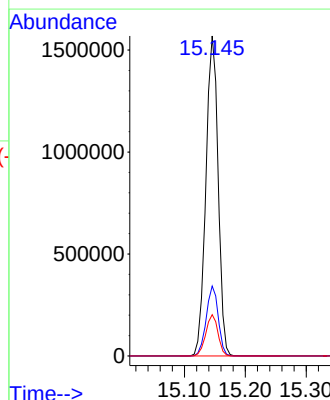
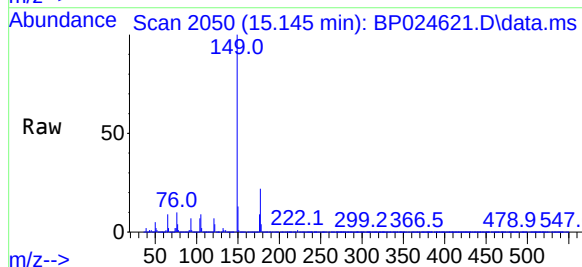
Manual Integrations
APPROVED

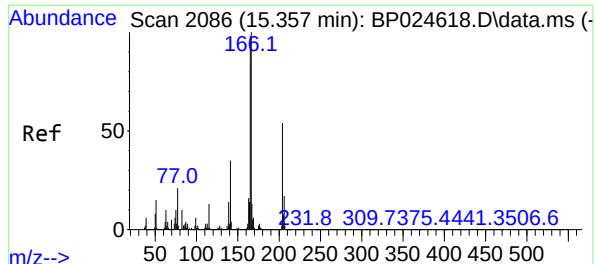
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#60
Diethylphthalate
Concen: 76.22 ng
RT: 15.145 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 2193488
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.9 10.2 15.2





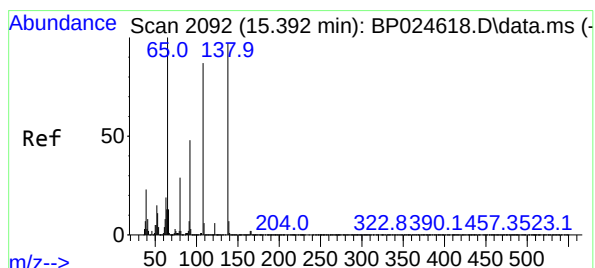
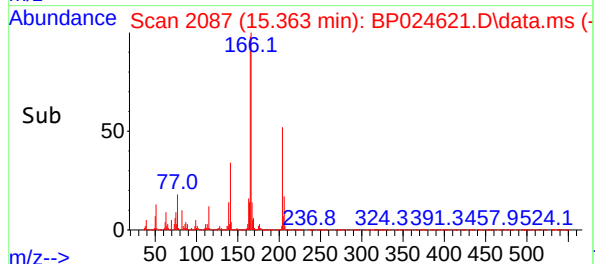
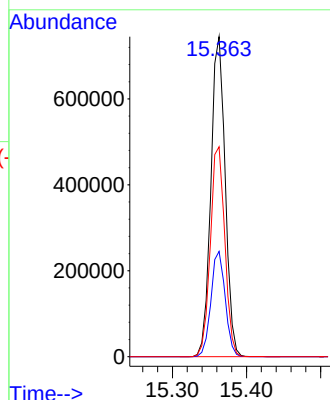
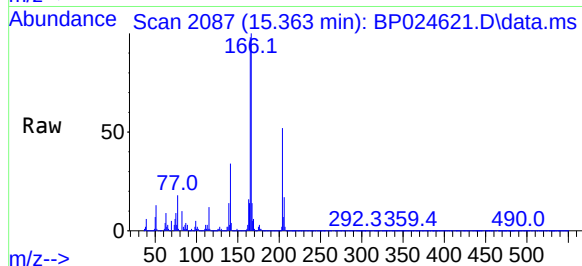
#61
4-Chlorophenyl-phenylether
Concen: 75.96 ng
RT: 15.363 min Scan# 2086
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 99786
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 65.6 52.9 79.3

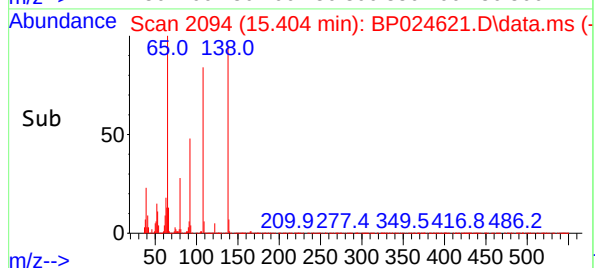
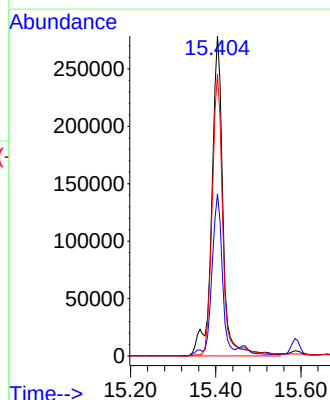
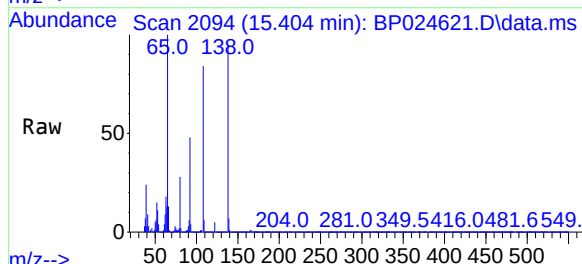
Manual Integrations
APPROVED

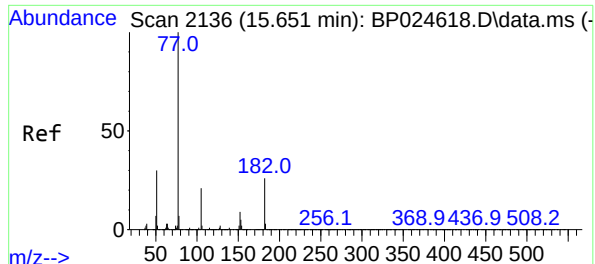
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#62
4-Nitroaniline
Concen: 85.24 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

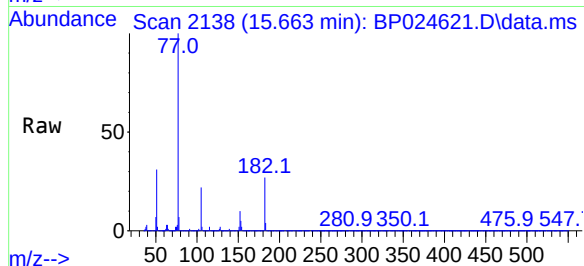
Tgt Ion:138 Resp: 509582
Ion Ratio Lower Upper
138 100
92 50.6 29.2 69.2
108 88.2 69.0 109.0





#63
Azobenzene
Concen: 75.47 ng
RT: 15.663 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

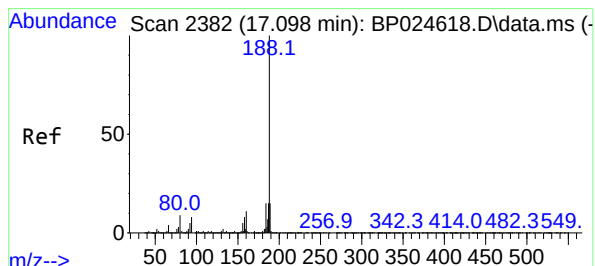
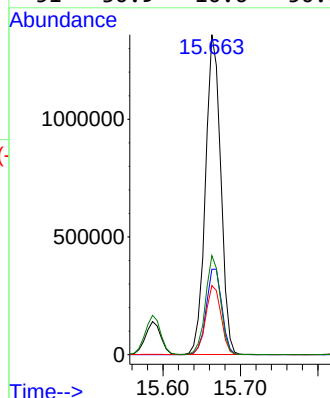
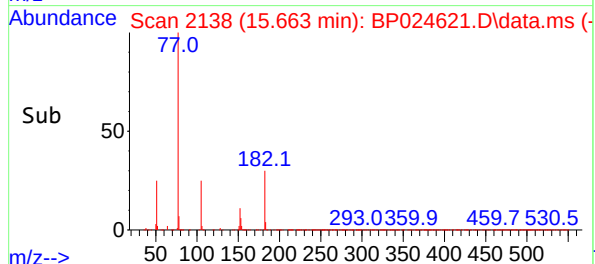
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 185814
Ion Ratio Lower Upper
77 100
182 26.7 5.7 45.7
105 21.6 1.3 41.3
51 30.9 10.6 50.6

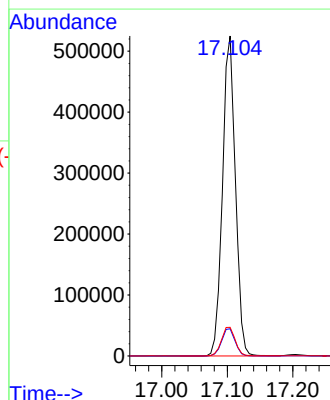
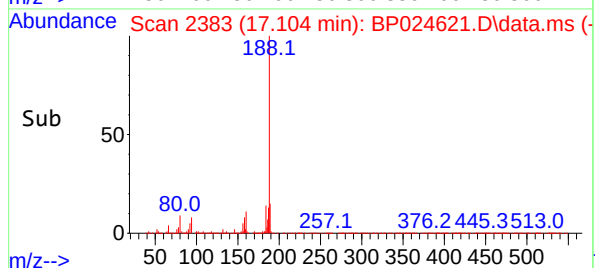
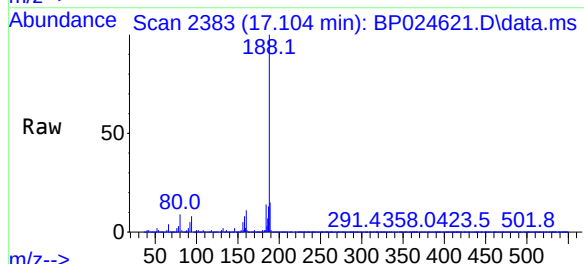
Manual Integrations
APPROVED

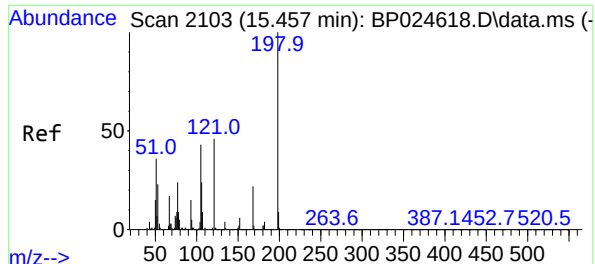
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

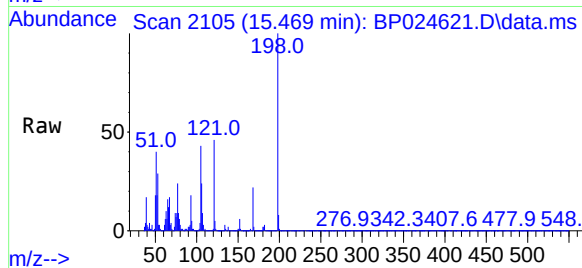
Tgt Ion:188 Resp: 713479
Ion Ratio Lower Upper
188 100
94 8.5 6.5 9.7
80 9.0 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 87.01 ng
RT: 15.469 min Scan# 2103
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

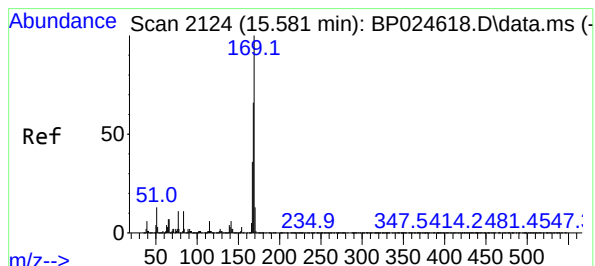
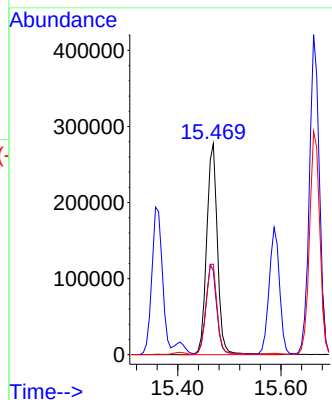
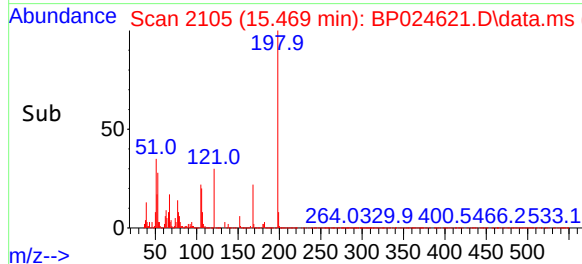
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



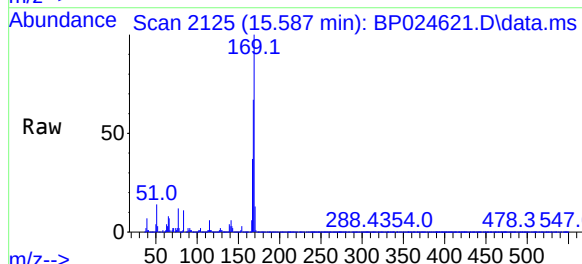
Tgt Ion:198 Resp: 40101
Ion Ratio Lower Upper
198 100
51 39.8 21.1 61.1
105 42.9 23.6 63.6

Manual Integrations
APPROVED

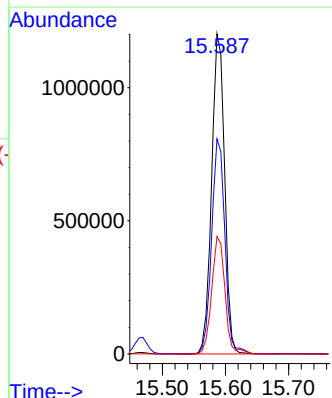
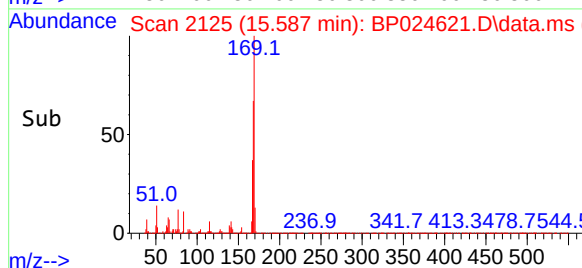
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

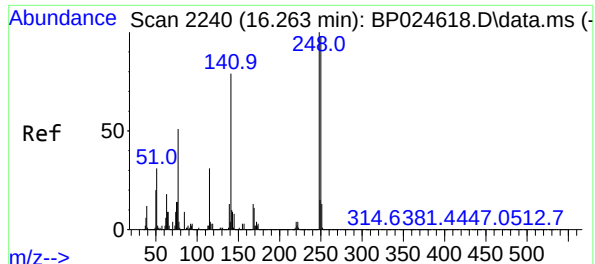


#66
n-Nitrosodiphenylamine
Concen: 78.10 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



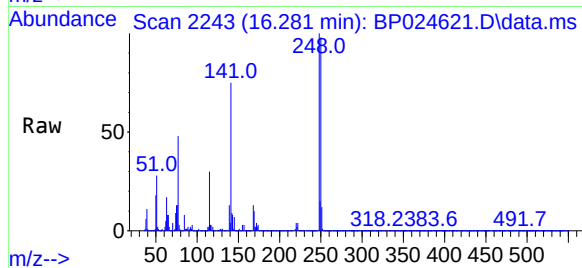
Tgt Ion:169 Resp: 1711679
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.7 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 81.43 ng
RT: 16.281 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

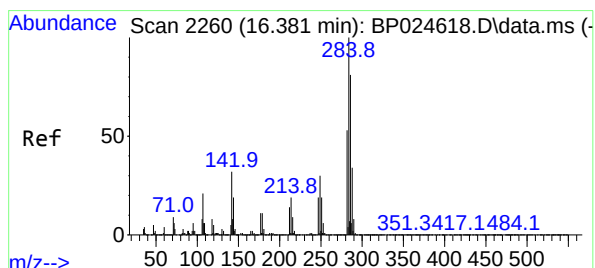
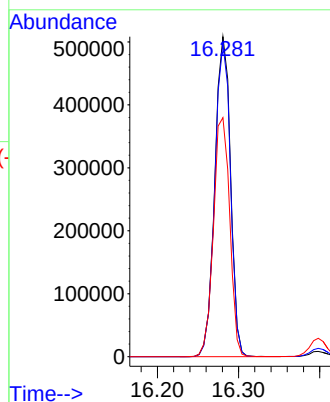
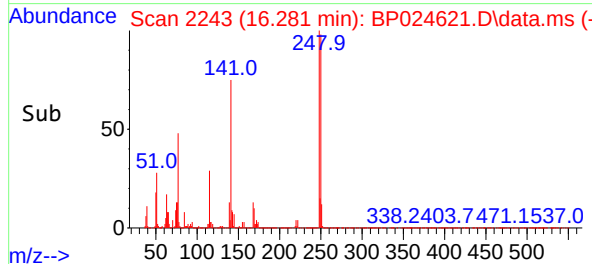
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:248 Resp: 684619
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 74.7 63.0 94.6

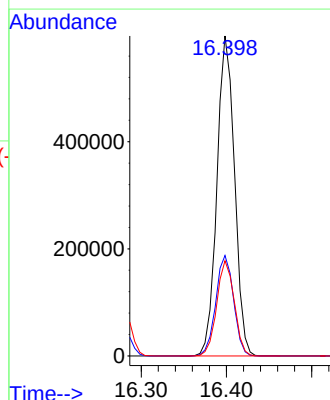
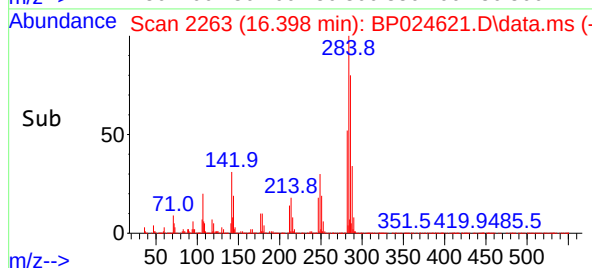
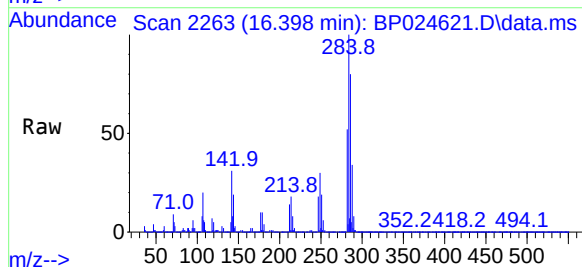
Manual Integrations
APPROVED

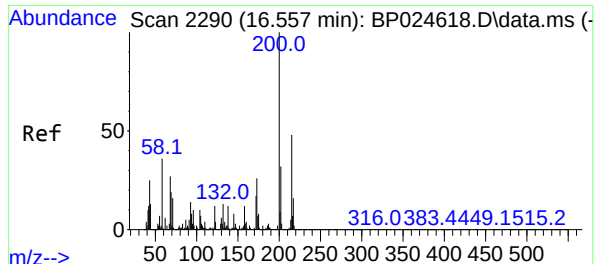
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 80.18 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

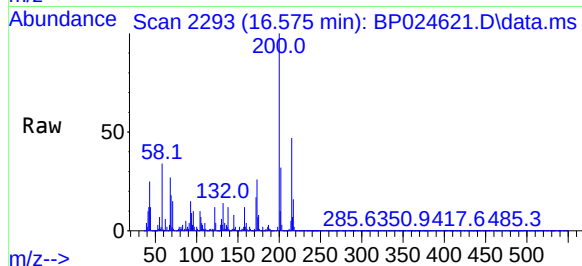
Tgt Ion:284 Resp: 856547
Ion Ratio Lower Upper
284 100
142 31.4 25.9 38.9
249 29.7 24.1 36.1





#69
Atrazine
Concen: 80.42 ng
RT: 16.575 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

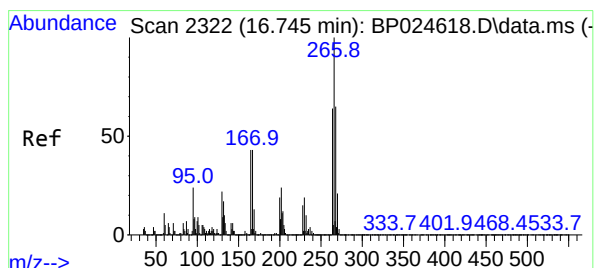
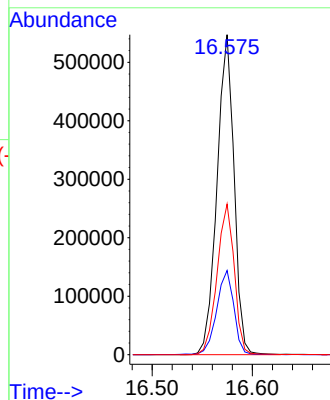
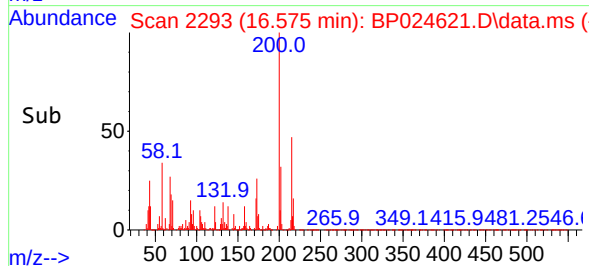
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



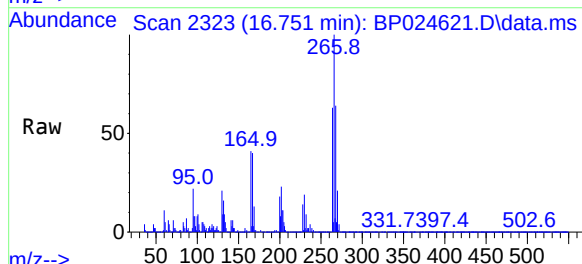
Tgt Ion:200 Resp: 64587
Ion Ratio Lower Upper
200 100
173 26.3 5.9 45.9
215 47.1 28.3 68.3

Manual Integrations
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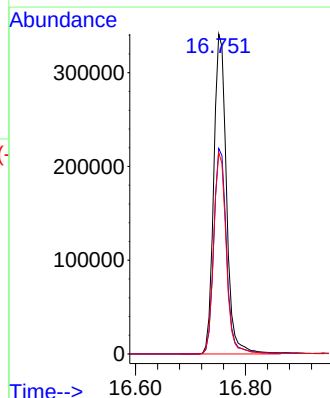
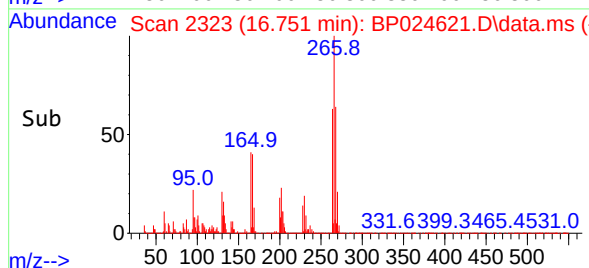
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

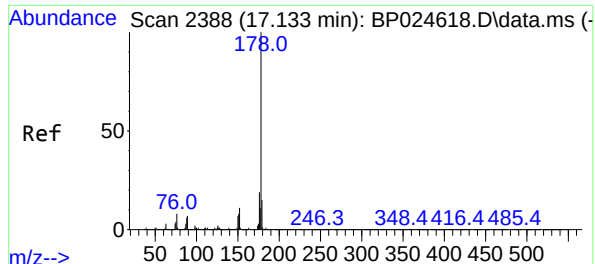


#70
Pentachlorophenol
Concen: 91.41 ng
RT: 16.751 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



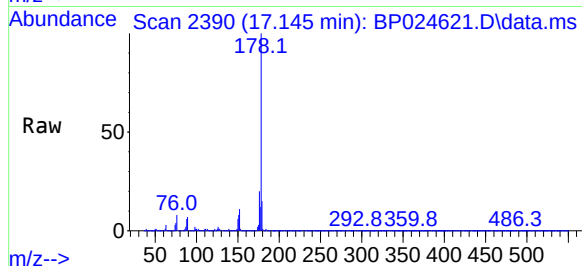
Tgt Ion:266 Resp: 548492
Ion Ratio Lower Upper
266 100
268 64.2 52.2 78.4
264 62.9 51.1 76.7





#71
Phenanthrene
Concen: 77.95 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

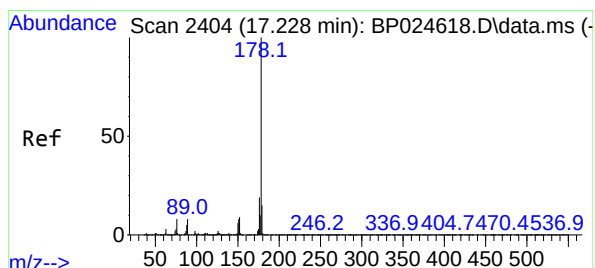
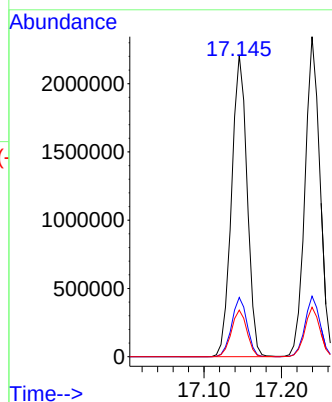
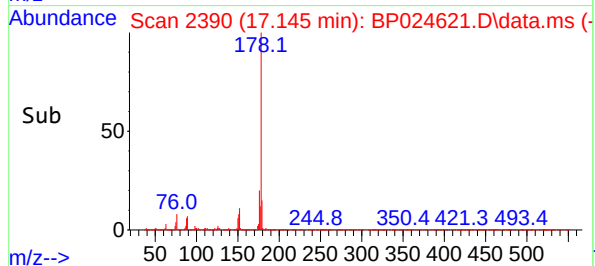
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 3091669
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.4 12.2 18.4

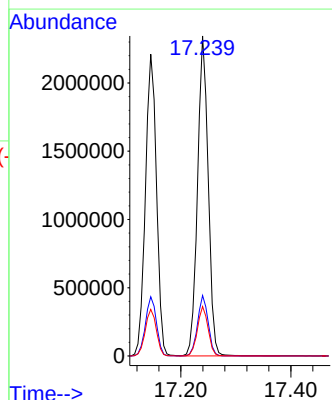
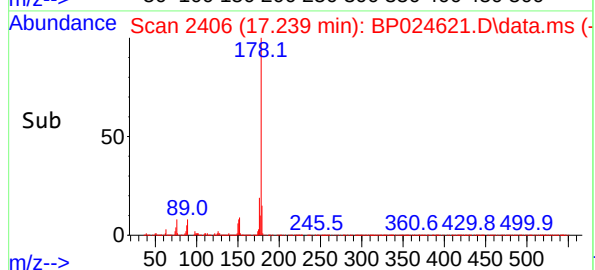
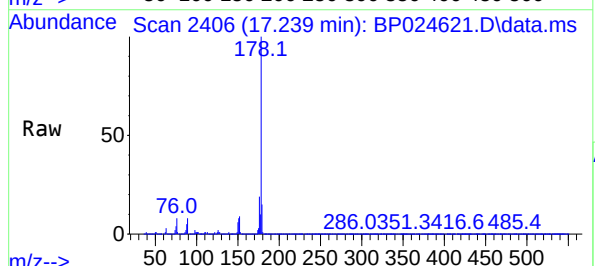
Manual Integrations
APPROVED

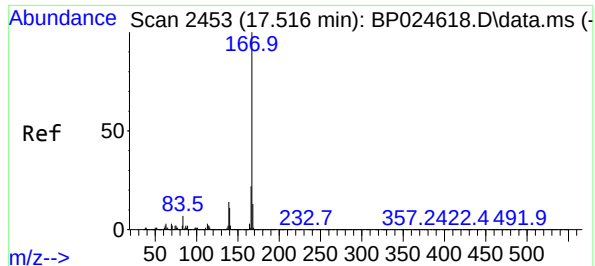
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 79.23 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:178 Resp: 3161669
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.2





#73
Carbazole
Concen: 80.08 ng
RT: 17.522 min Scan# 2454
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

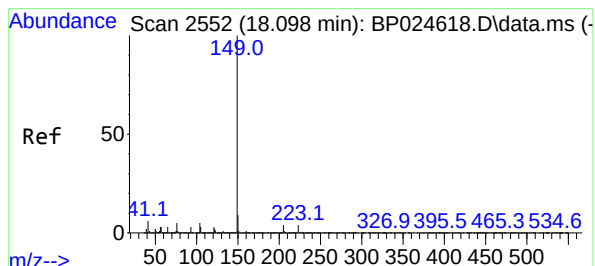
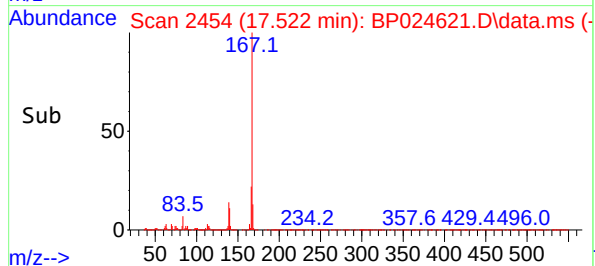
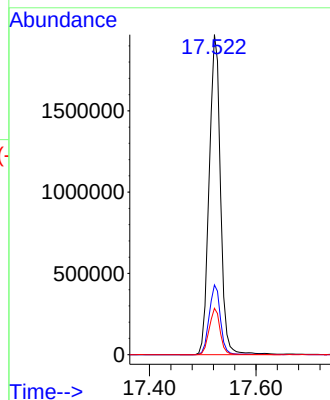
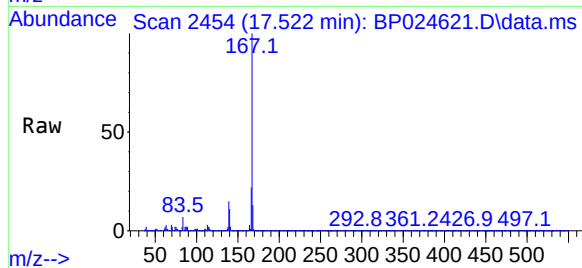
SSTDICC080

Tgt Ion:167 Resp: 2892230
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 14.5 11.3 16.9

Manual Integrations

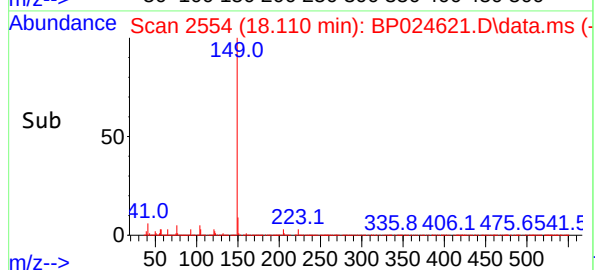
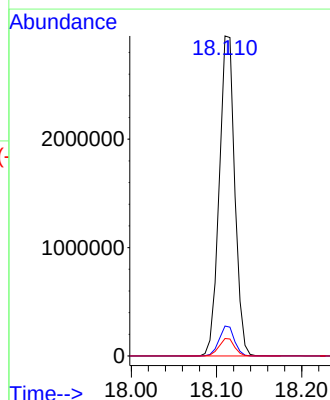
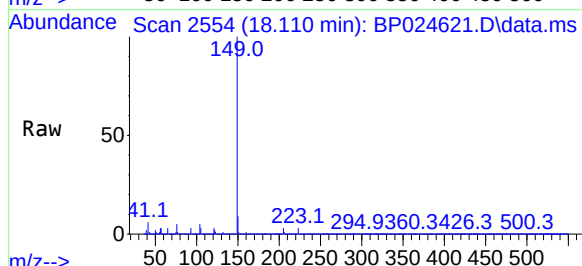
APPROVED

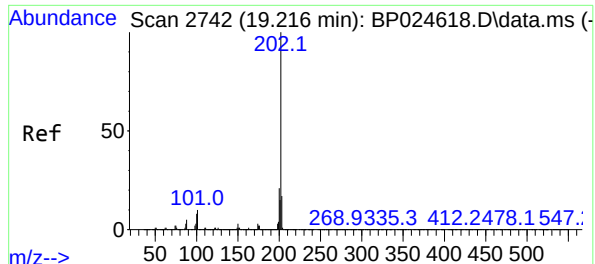
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 80.68 ng
RT: 18.110 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

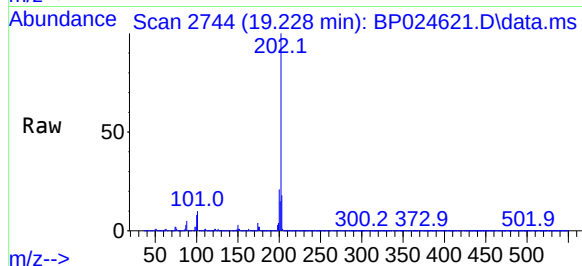
Tgt Ion:149 Resp: 3747927
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 78.27 ng
RT: 19.228 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

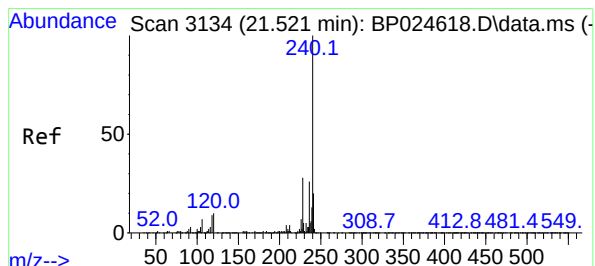
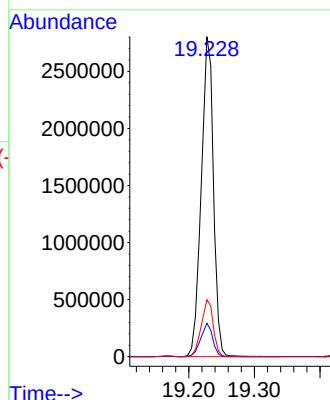
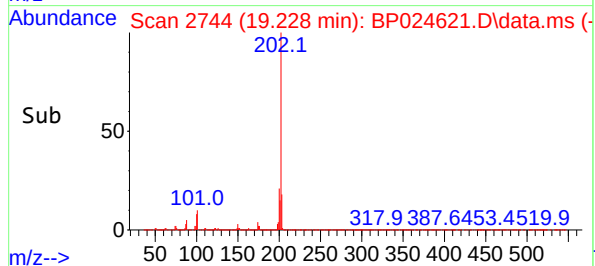
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 362908
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.3
203 17.8 0.0 37.5

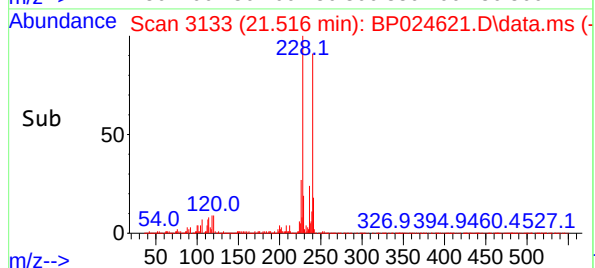
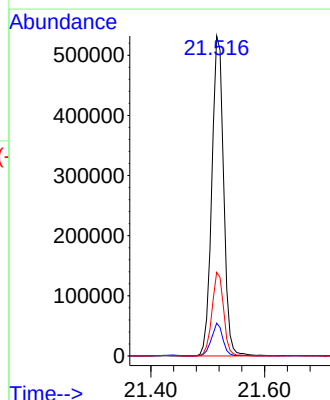
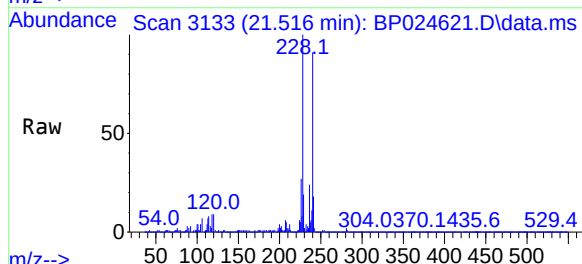
Manual Integrations
APPROVED

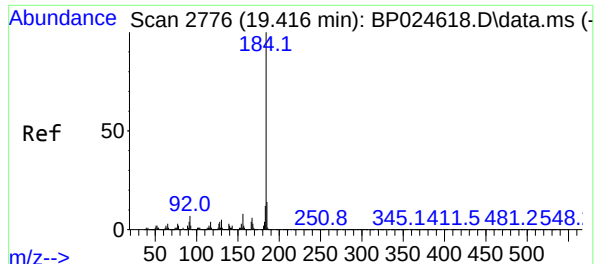
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:240 Resp: 765954
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 26.2 20.6 31.0





#77

Benzidine

Concen: 79.83 ng

RT: 19.422 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:184 Resp: 167850

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

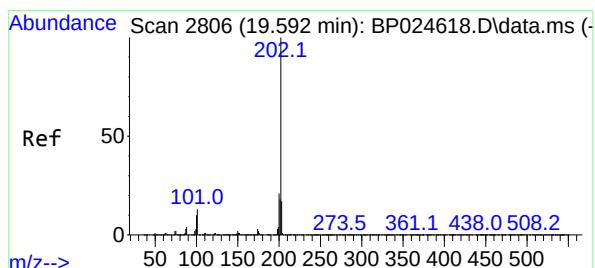
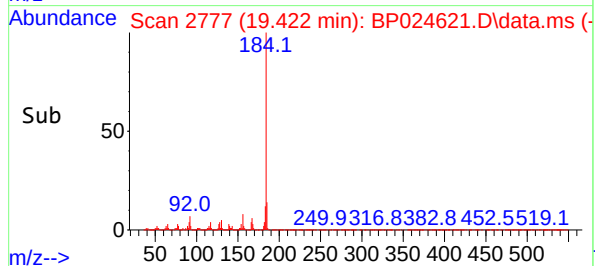
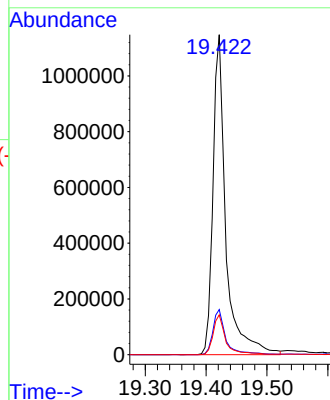
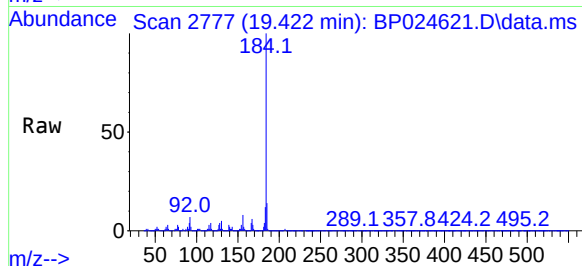
183 12.4 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#78

Pyrene

Concen: 81.65 ng

RT: 19.604 min Scan# 2808

Delta R.T. 0.012 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

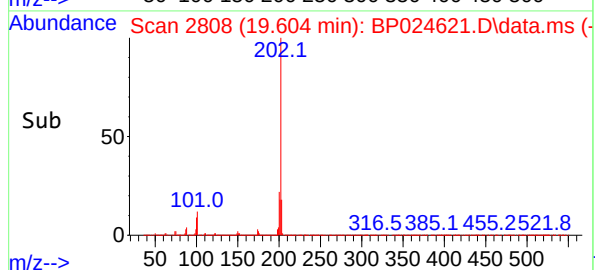
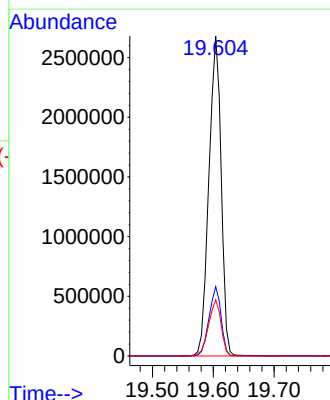
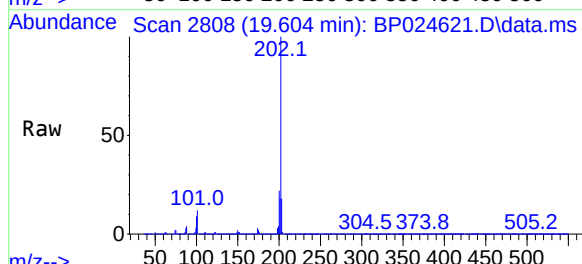
Tgt Ion:202 Resp: 3747276

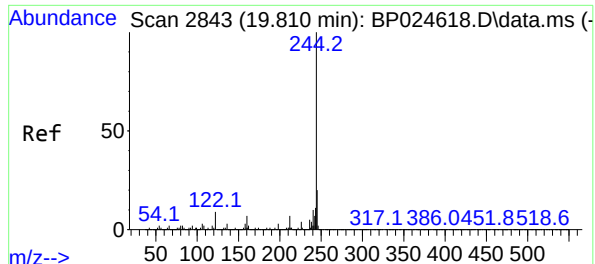
Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

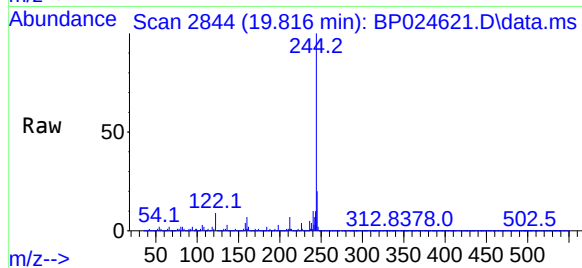
203 17.6 13.9 20.9





#79
Terphenyl-d14
Concen: 160.11 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

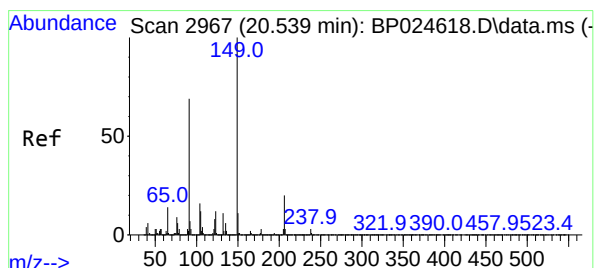
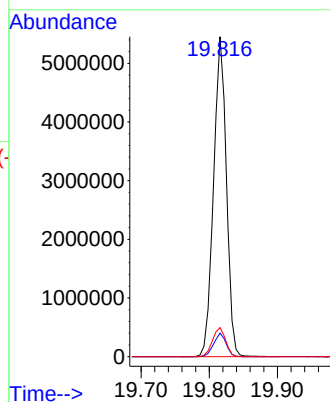
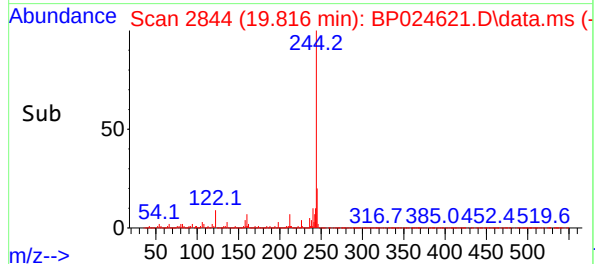
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp: 715225
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 9.1 7.4 11.0

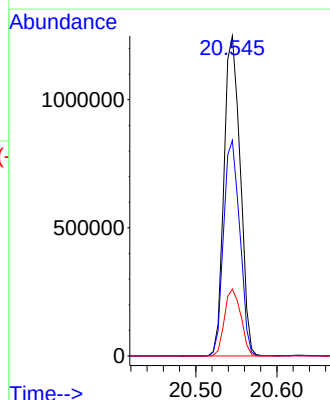
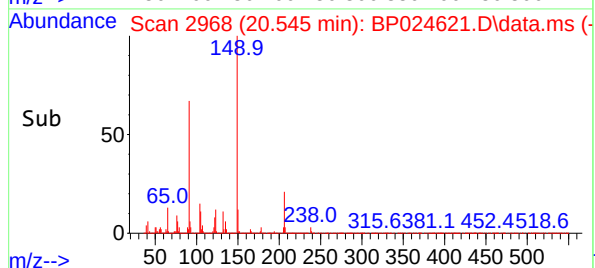
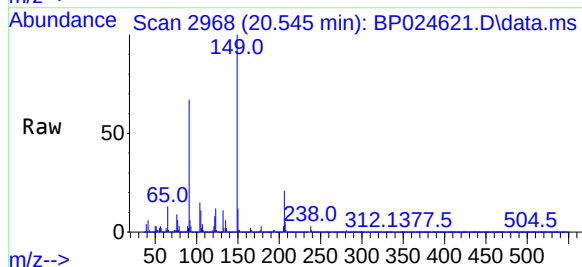
Manual Integrations
APPROVED

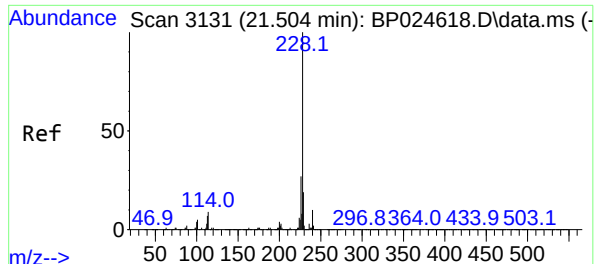
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#80
Butylbenzylphthalate
Concen: 85.34 ng
RT: 20.545 min Scan# 2968
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

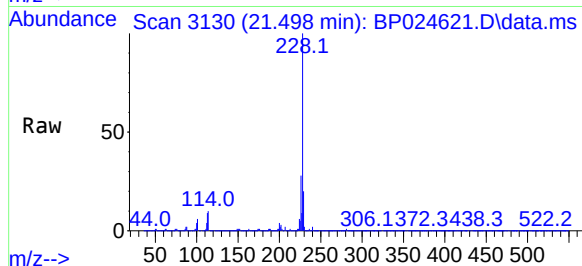
Tgt Ion:149 Resp: 1741954
Ion Ratio Lower Upper
149 100
91 67.3 55.4 83.0
206 20.9 16.2 24.2





#81
Benzo(a)anthracene
Concen: 79.63 ng
RT: 21.498 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

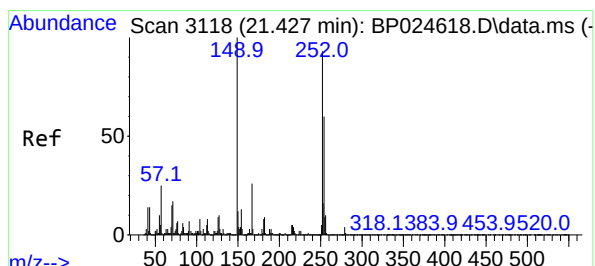
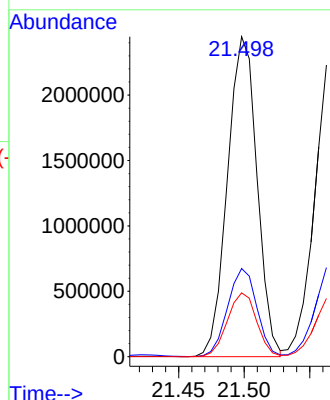
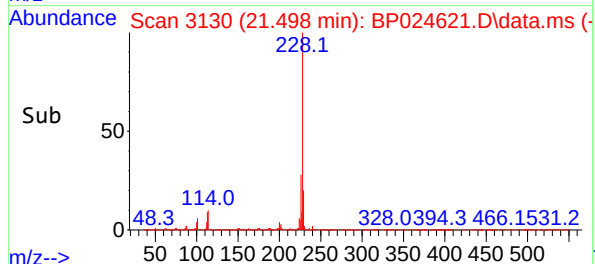
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 382978
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 19.9 15.5 23.3

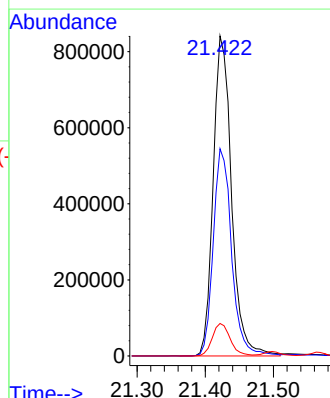
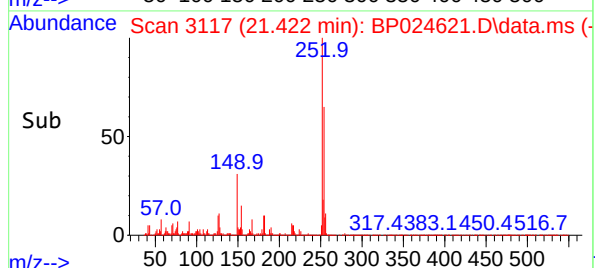
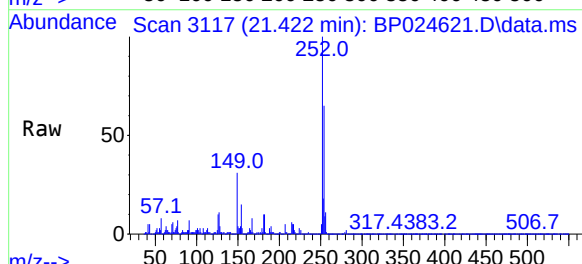
Manual Integrations
APPROVED

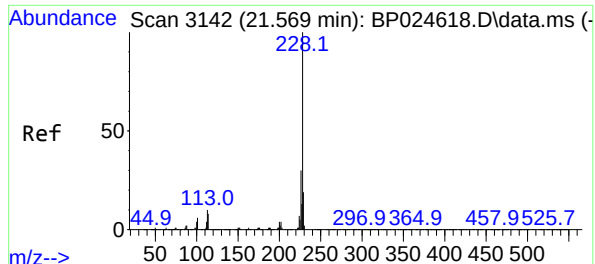
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 88.21 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

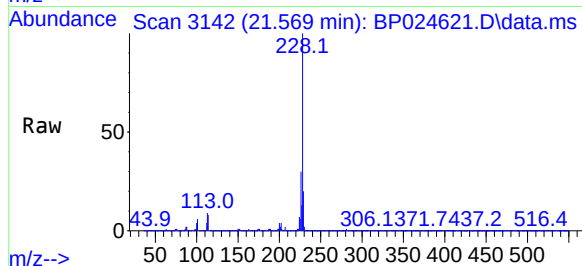
Tgt Ion:252 Resp: 1575691
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 10.2 7.7 11.5





#83
Chrysene
Concen: 79.29 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

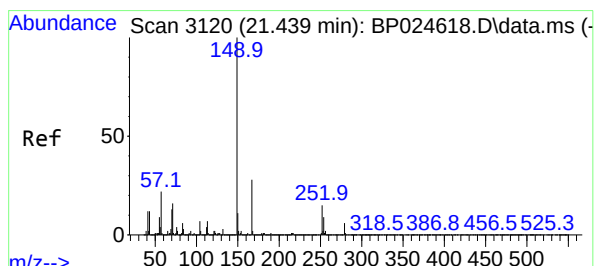
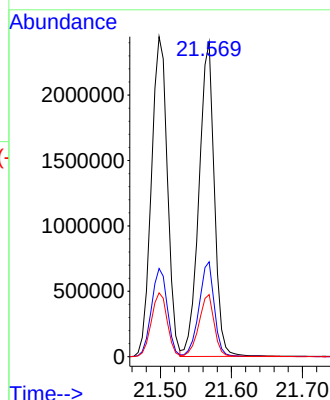
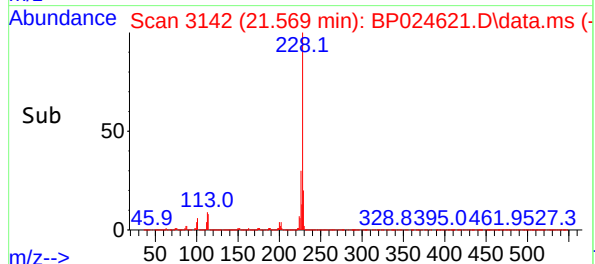
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 3615014
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 19.7 15.5 23.3

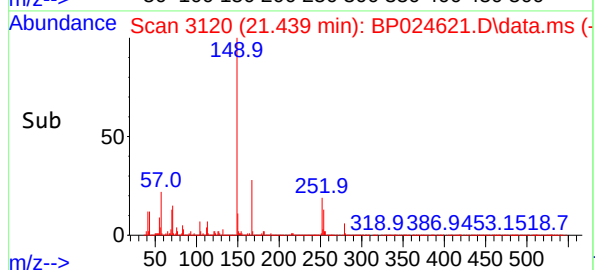
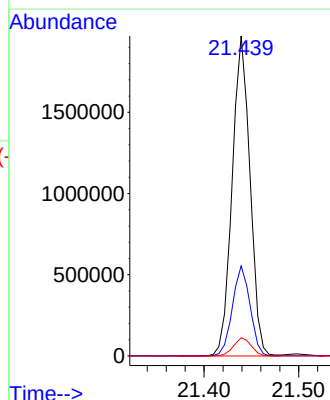
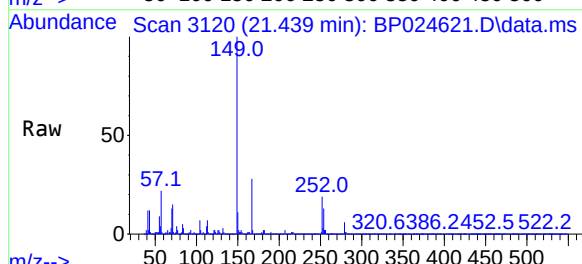
Manual Integrations
APPROVED

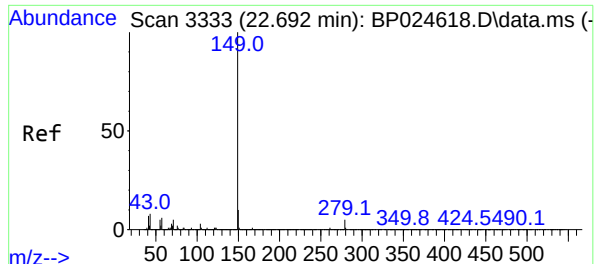
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 85.91 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

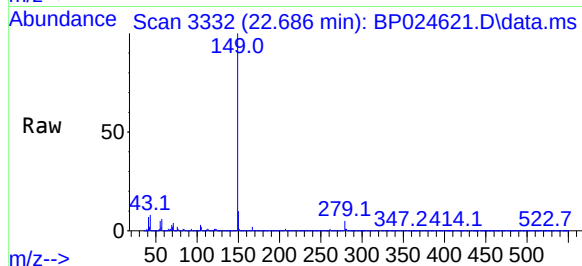
Tgt Ion:149 Resp: 2577445
Ion Ratio Lower Upper
149 100
167 28.2 22.1 33.1
279 5.7 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 88.50 ng
RT: 22.686 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

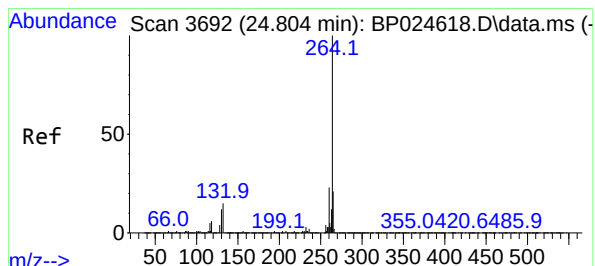
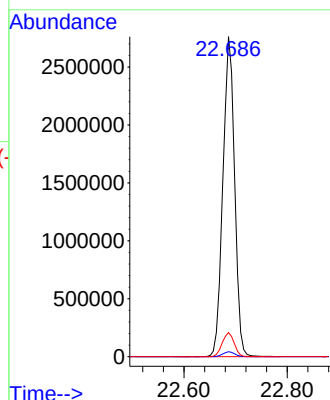
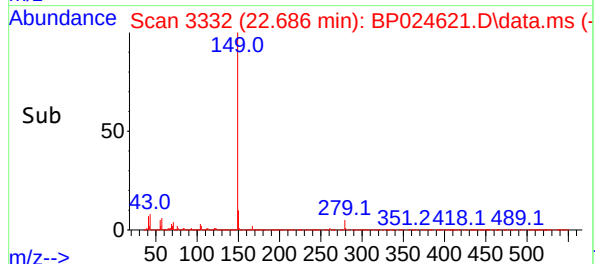
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 434165
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.6 6.3 9.5

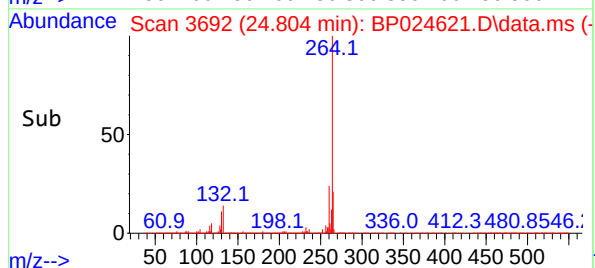
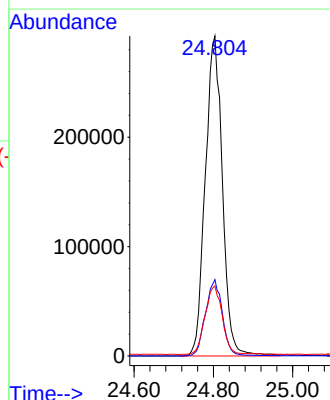
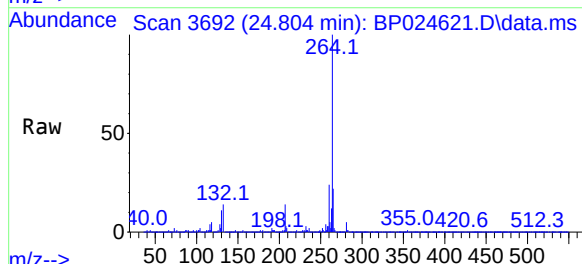
Manual Integrations
APPROVED

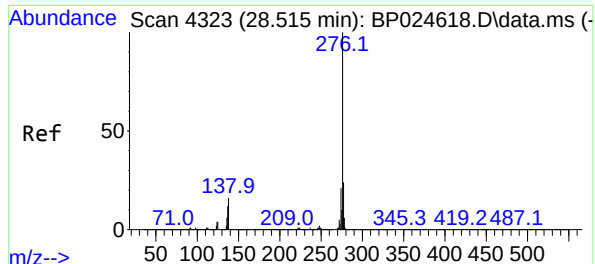
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:264 Resp: 877352
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 81.85 ng m

RT: 28.515 min Scan# 4323

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:276 Resp: 524399

Ion Ratio Lower Upper

276 100

138 13.7 11.2 16.8

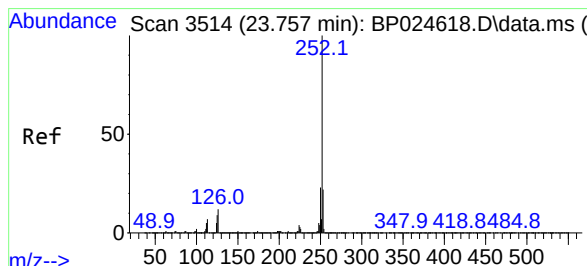
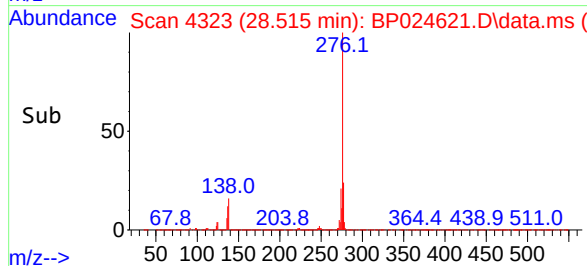
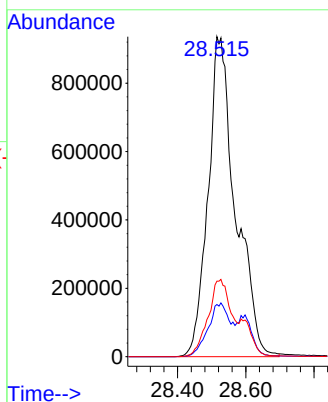
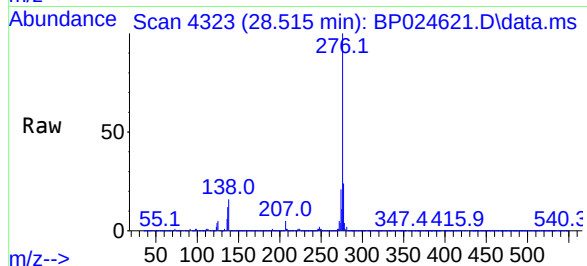
277 20.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#88

Benzo(b)fluoranthene

Concen: 83.11 ng

RT: 23.768 min Scan# 3516

Delta R.T. 0.012 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

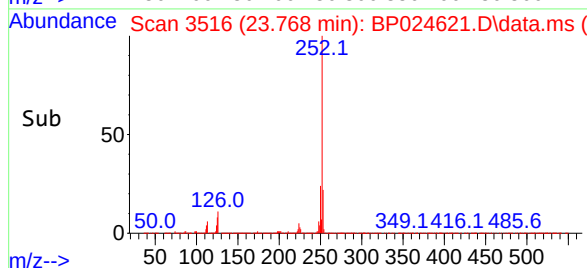
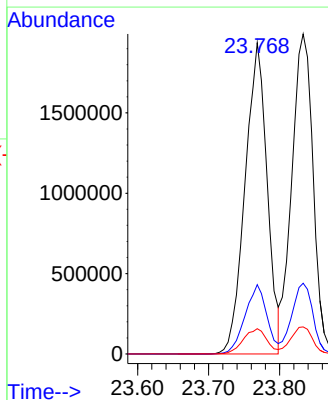
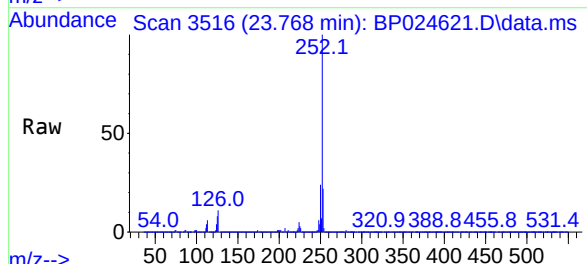
Tgt Ion:252 Resp: 4173798

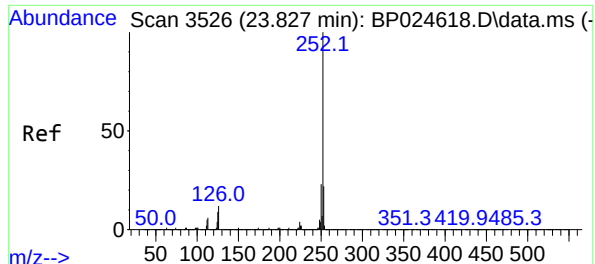
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 80.40 ng

RT: 23.833 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 416026

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

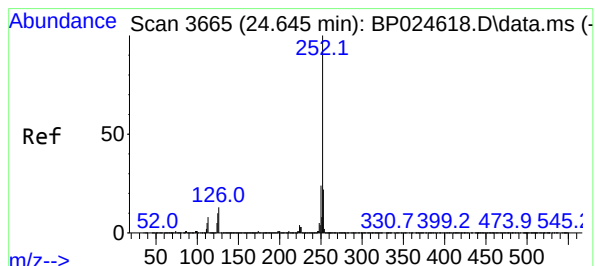
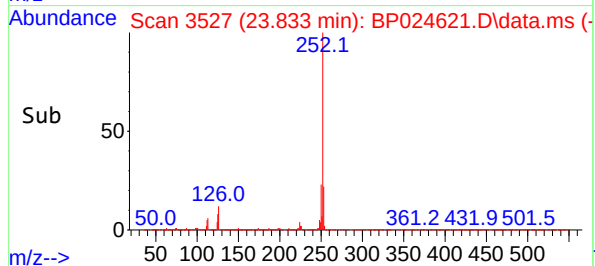
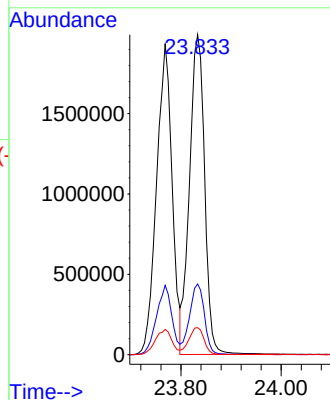
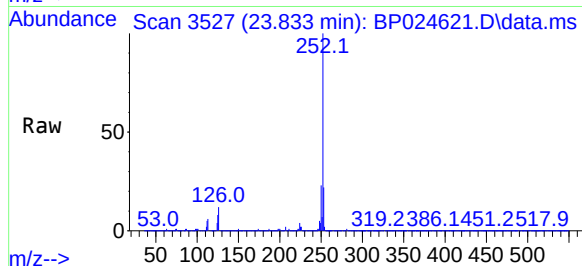
125 8.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 82.69 ng

RT: 24.645 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

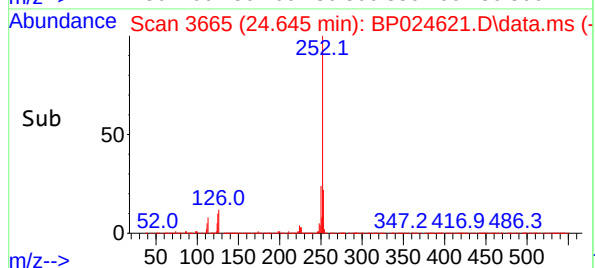
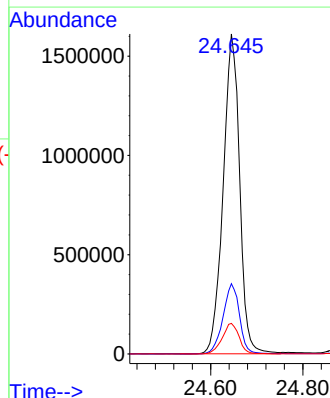
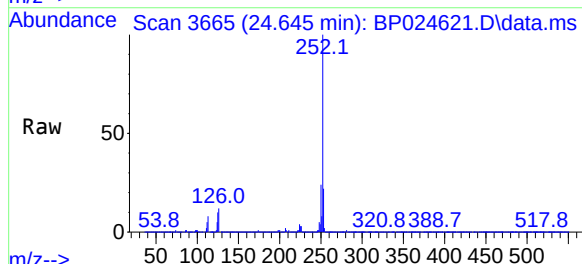
Tgt Ion:252 Resp: 3988360

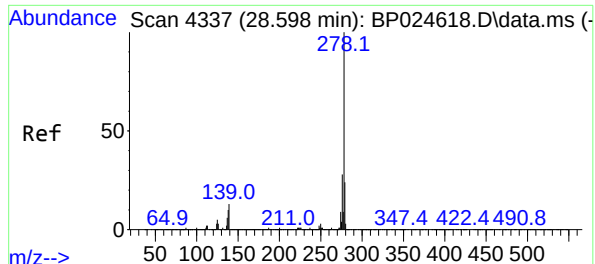
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

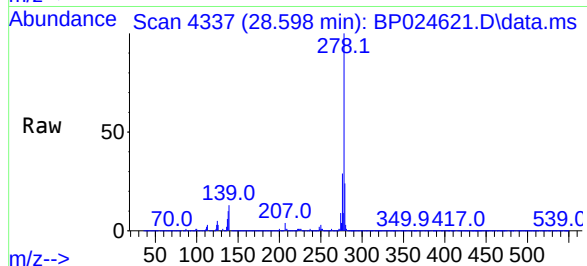
125 9.5 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 83.26 ng
RT: 28.598 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

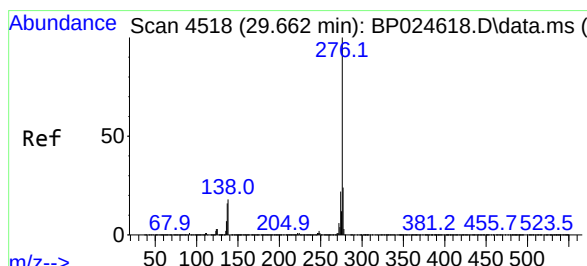
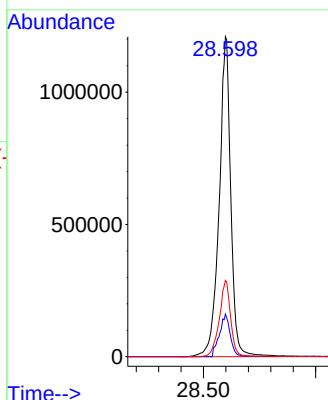
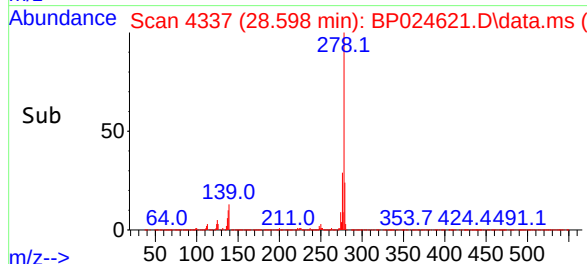
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:278 Resp: 4338518
Ion Ratio Lower Upper
278 100
139 13.3 10.2 15.4
279 23.9 19.0 28.4

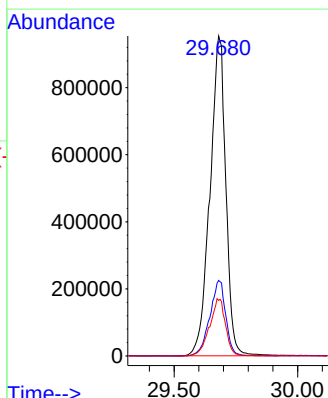
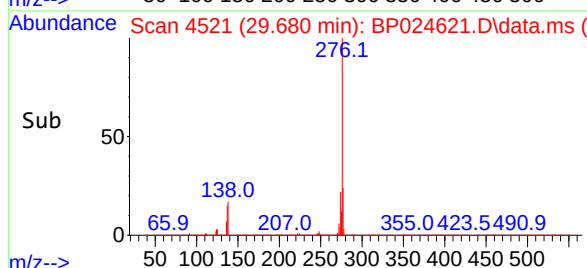
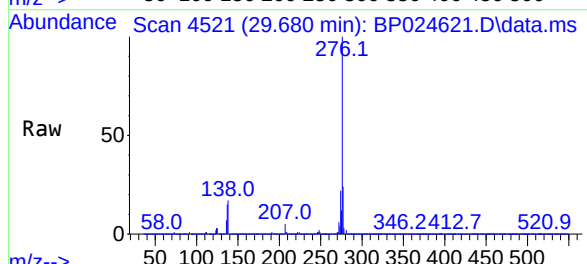
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#92
Benzo(g,h,i)perylene
Concen: 82.08 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:276 Resp: 4253459
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 17.3 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	144423	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	621777	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	391112	20.00	ng	-0.01
64) Phenanthrene-d10	17.092	188	780511	20.00	ng	0.00
76) Chrysene-d12	21.521	240	868822	20.00	ng	0.00
86) Perylene-d12	24.815	264	1015341	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	658249	77.95	ng	0.00
7) Phenol-d6	6.852	99	852330	79.09	ng	0.00
23) Nitrobenzene-d5	8.810	82	962660	78.23	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	520660	78.53	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2290715	76.73	ng	0.00
79) Terphenyl-d14	19.822	244	3889002	76.75	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	145871	36.79	ng	99
3) Pyridine	3.622	79	347515	39.53	ng	97
4) n-Nitrosodimethylamine	3.528	42	147412	37.98	ng	98
6) Aniline	6.999	93	545556	39.21	ng	100
8) 2-Chlorophenol	7.234	128	377358	39.37	ng	97
9) Benzaldehyde	6.816	77	272303	39.03	ng	99
10) Phenol	6.881	94	434788	39.09	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	346744	37.94	ng	99
12) 1,3-Dichlorobenzene	7.552	146	417899	37.89	ng	98
13) 1,4-Dichlorobenzene	7.699	146	420432	37.90	ng	99
14) 1,2-Dichlorobenzene	8.010	146	409587	37.90	ng	99
15) Benzyl Alcohol	7.904	79	332015	40.54	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	416339	38.04	ng	99
17) 2-Methylphenol	8.110	107	316066	39.62	ng	99
18) Hexachloroethane	8.728	117	158167	37.21	ng	99
19) n-Nitroso-di-n-propyla...	8.463	70	291961	39.16	ng	99
20) 3+4-Methylphenols	8.434	107	429326	39.56	ng	99
22) Acetophenone	8.475	105	597464	38.47	ng	99
24) Nitrobenzene	8.851	77	416985	38.50	ng	96
25) Isophorone	9.375	82	821637	38.49	ng	99
26) 2-Nitrophenol	9.557	139	218211	41.12	ng	95
27) 2,4-Dimethylphenol	9.622	122	369418	39.48	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	493722	38.71	ng	100
29) 2,4-Dichlorophenol	10.093	162	364373	40.19	ng	97
30) 1,2,4-Trichlorobenzene	10.298	180	389362	38.11	ng	98
31) Naphthalene	10.481	128	1226624	38.07	ng	100
32) Benzoic acid	9.781	122	223660	36.46	ng	98
33) 4-Chloroaniline	10.598	127	524873	40.37	ng	99
34) Hexachlorobutadiene	10.763	225	246776	37.29	ng	98
35) Caprolactam	11.387	113	130399	39.75	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	431344	39.01	ng	100
37) 2-Methylnaphthalene	12.098	142	789724	37.85	ng	99
38) 1-Methylnaphthalene	12.316	142	833521	37.34	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	444420	39.13	ng	100
41) Hexachlorocyclopentadiene	12.445	237	305575	44.37	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	305651	41.55	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	336252	41.06	ng	97
46) 1,1'-Biphenyl	13.116	154	1124669	38.91	ng	99
47) 2-Chloronaphthalene	13.157	162	864853	39.24	ng	98
48) 2-Nitroaniline	13.369	65	264965	40.60	ng	97
49) Acenaphthylene	14.010	152	1419821	38.49	ng	100
50) Dimethylphthalate	13.751	163	1155211	38.75	ng	99
51) 2,6-Dinitrotoluene	13.875	165	247537	39.32	ng	99
52) Acenaphthene	14.357	154	803755	37.90	ng	99
53) 3-Nitroaniline	14.210	138	262737	40.87	ng	100
54) 2,4-Dinitrophenol	14.428	184	135624	37.83	ng	96
55) Dibenzofuran	14.698	168	1282228	37.91	ng	99
56) 4-Nitrophenol	14.545	139	202528	38.70	ng	97
57) 2,4-Dinitrotoluene	14.675	165	354817	39.97	ng	99
58) Fluorene	15.357	166	1059642	38.42	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	298327	39.27	ng	99
60) Diethylphthalate	15.134	149	1150091	38.17	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	526066	38.25	ng	99
62) 4-Nitroaniline	15.398	138	265185	42.72	ng	98
63) Azobenzene	15.657	77	1000653	38.82	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	203200	40.30	ng	98
66) n-Nitrosodiphenylamine	15.575	169	920187	38.38	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	357846	38.91	ng	97
68) Hexachlorobenzene	16.386	284	446142	38.18	ng	99
69) Atrazine	16.551	200	347661	39.57	ng	99
70) Pentachlorophenol	16.739	266	269781	41.12	ng	99
71) Phenanthrene	17.133	178	1629118	37.55	ng	99
72) Anthracene	17.228	178	1669395	38.24	ng	100
73) Carbazole	17.510	167	1563685	39.57	ng	99
74) Di-n-butylphthalate	18.098	149	1978741	38.94	ng	100
75) Fluoranthene	19.222	202	1956043	38.57	ng	100
77) Benzidine	19.422	184	1023514	43.25	ng	99
78) Pyrene	19.604	202	1992845	38.28	ng	100
80) Butylbenzylphthalate	20.557	149	938210	40.52	ng	96
81) Benzo(a)anthracene	21.510	228	2121561	38.89	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	861323	42.51	ng	100
83) Chrysene	21.574	228	1976940	38.23	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1375919	40.43	ng	100
85) Di-n-octyl phthalate	22.698	149	2321673	41.72	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2879864m	38.85	ng	
88) Benzo(b)fluoranthene	23.768	252	2283322	39.29	ng	100
89) Benzo(k)fluoranthene	23.833	252	2289000	38.22	ng	100
90) Benzo(a)pyrene	24.668	252	2177020	39.00	ng	99
91) Dibenzo(a,h)anthracene	28.615	278	2374558	39.38	ng	100
92) Benzo(g,h,i)perylene	29.686	276	2333151	38.91	ng	100

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

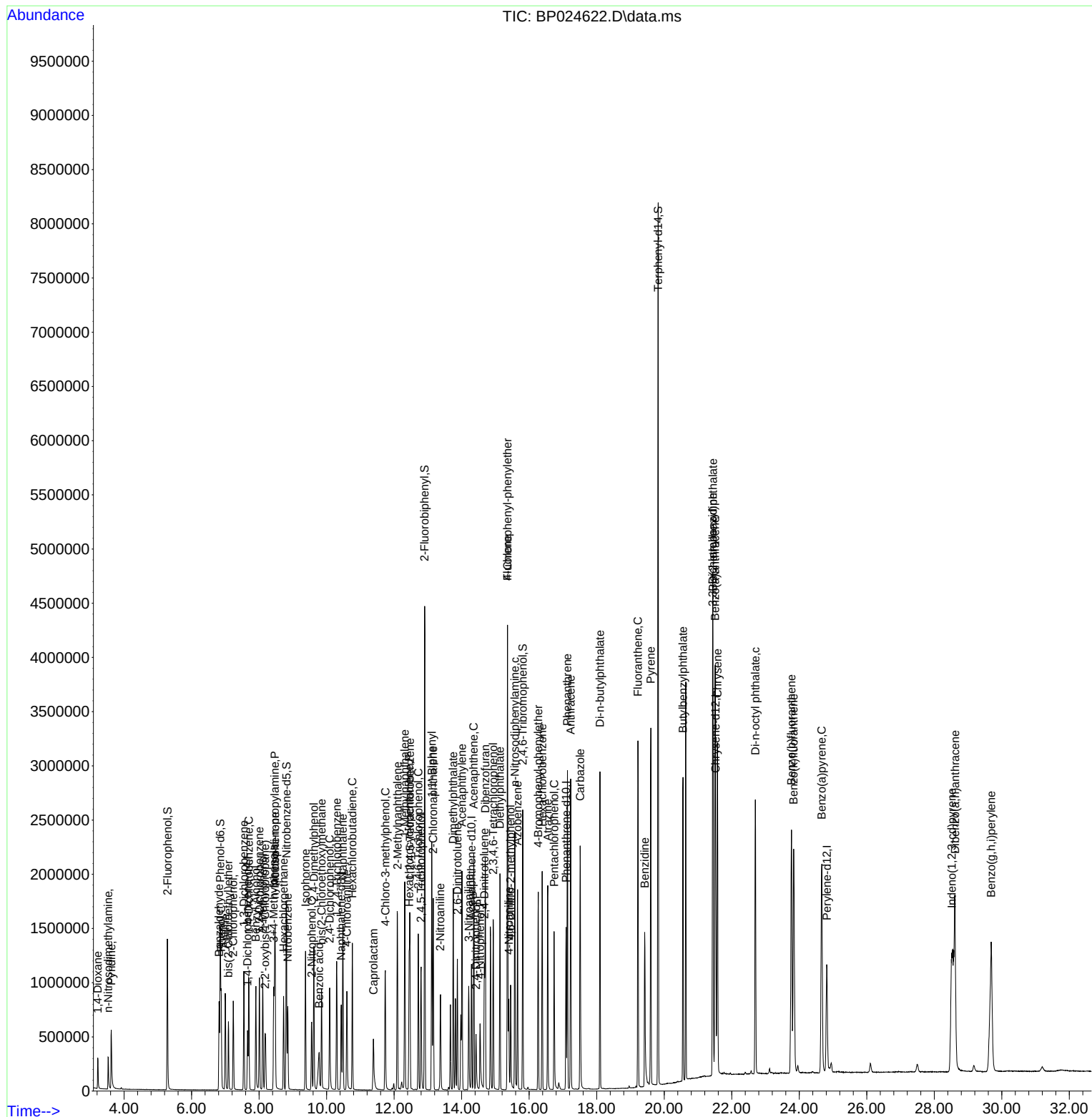
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

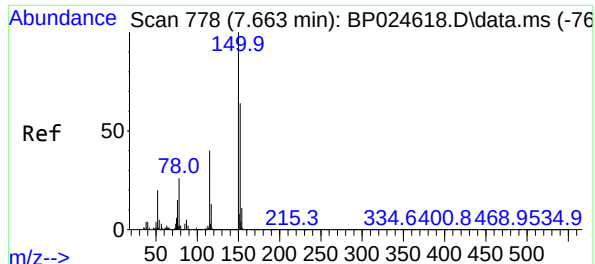
Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jaagrut Upadhyay 05/14/2025

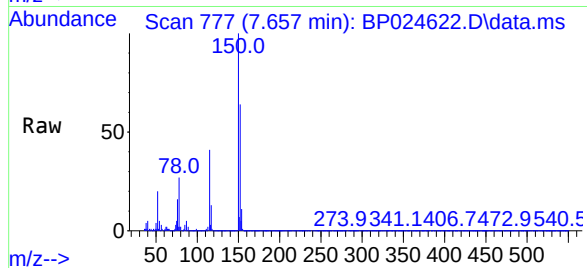
Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

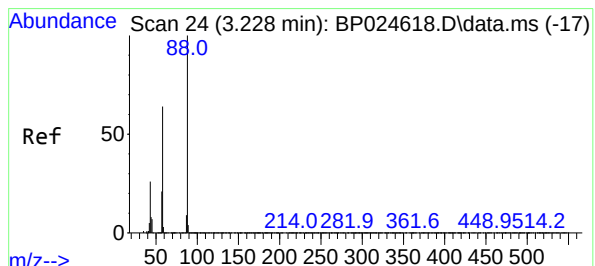
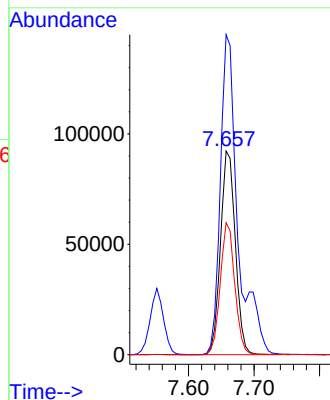
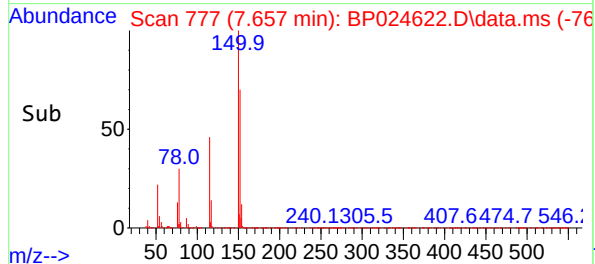
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion: 152 Resp: 14442
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 64.8 50.1 75.1

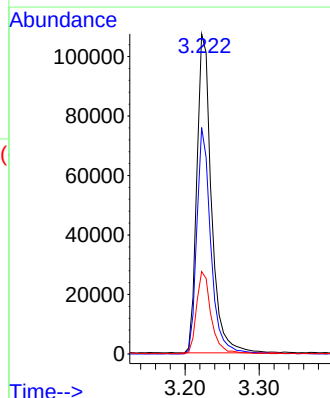
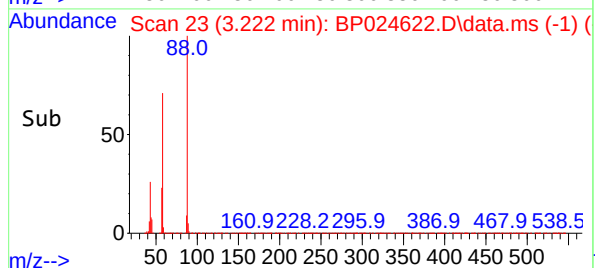
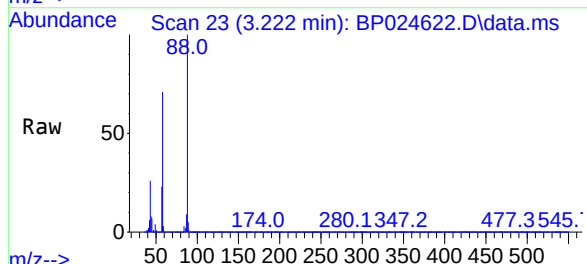
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

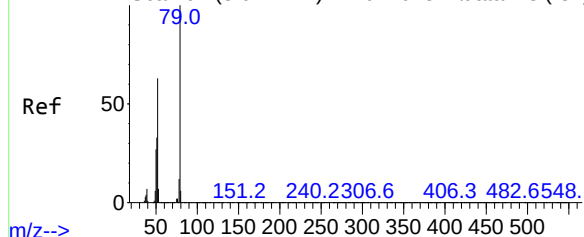


#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 88 Resp: 145871
Ion Ratio Lower Upper
88 100
58 68.6 54.0 81.0
43 25.9 21.4 32.0



Abundance Scan 91 (3.622 min): BP024618.D\data.ms (-82)



#3

Pyridine

Concen: 39.53 ng

RT: 3.622 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion: 79 Resp: 34751

Ion Ratio Lower Upper

79 100

52 65.0 50.2 75.2

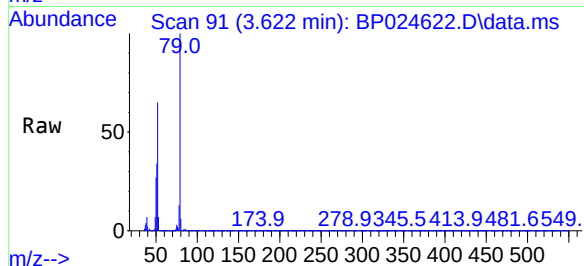
51 34.5 26.8 40.2

Manual Integrations

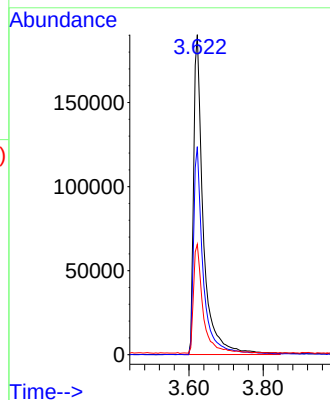
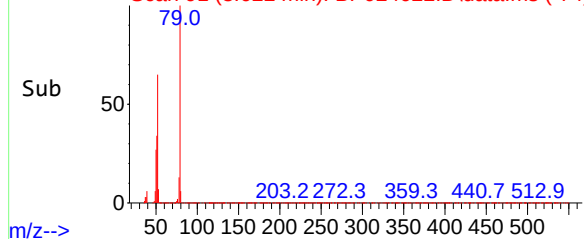
APPROVED

Reviewed By :Rahul Chavli 05/14/2025

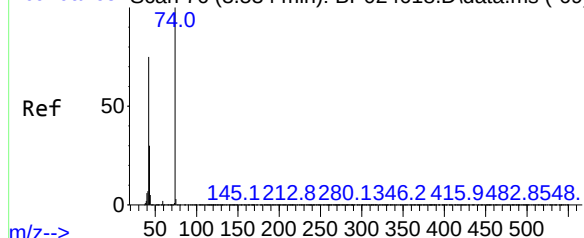
Supervised By :Jagrut Upadhyay 05/14/2025



Abundance Scan 91 (3.622 min): BP024622.D\data.ms (-74)



Abundance Scan 76 (3.534 min): BP024618.D\data.ms (-69)



#4

n-Nitrosodimethylamine

Concen: 37.98 ng

RT: 3.528 min Scan# 75

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

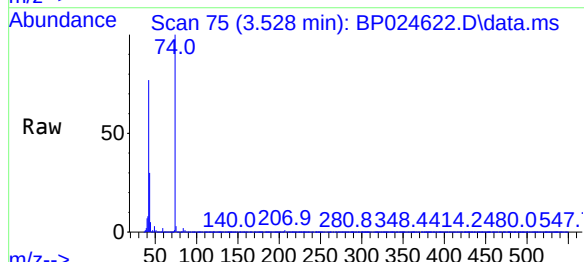
Tgt Ion: 42 Resp: 147412

Ion Ratio Lower Upper

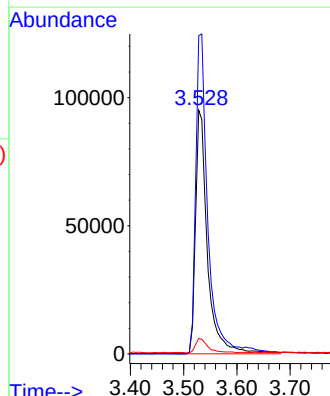
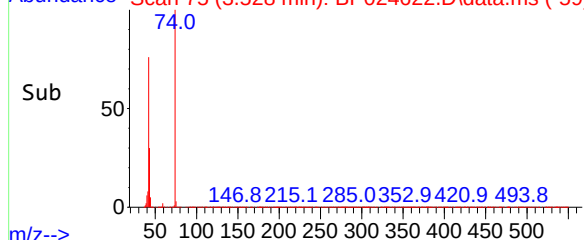
42 100

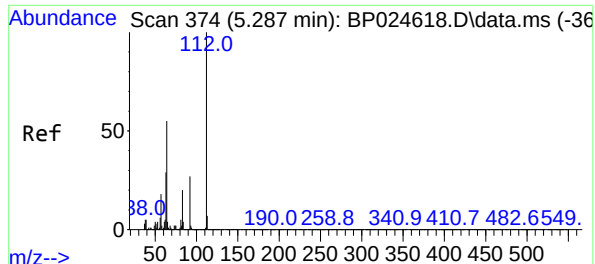
74 130.6 106.2 159.2

44 6.4 5.4 8.2



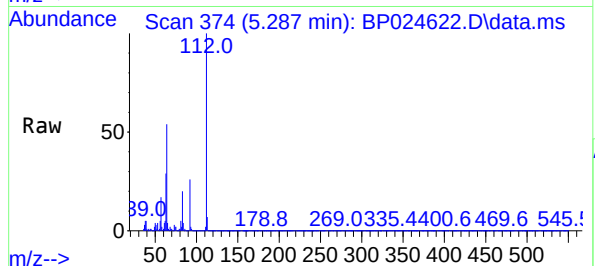
Abundance Scan 75 (3.528 min): BP024622.D\data.ms (-59)





#5
2-Fluorophenol
Concen: 77.95 ng
RT: 5.287 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

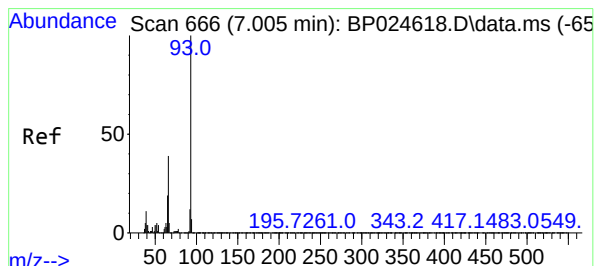
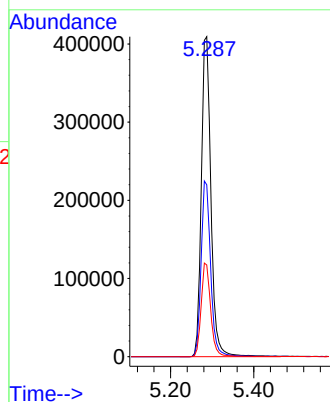
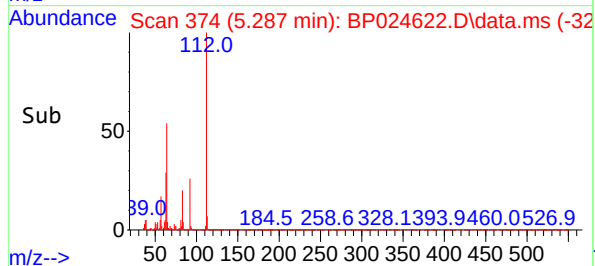
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion: 112 Resp: 658249
Ion Ratio Lower Upper
112 100
64 53.7 44.1 66.1
63 28.7 23.5 35.3

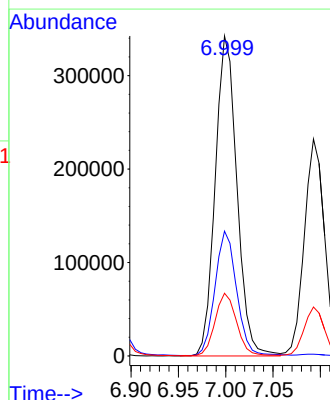
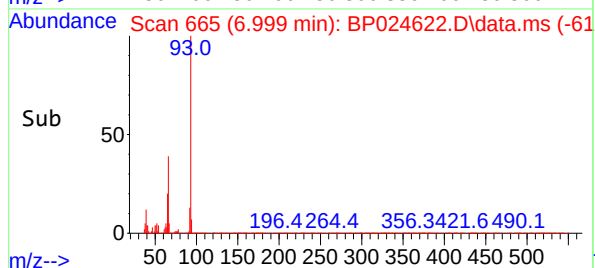
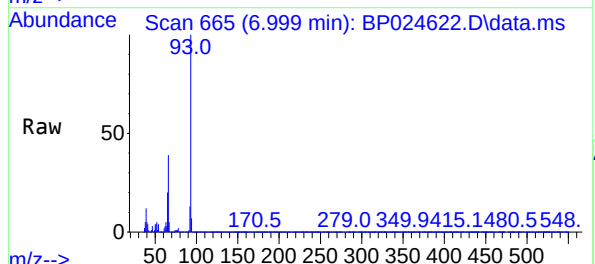
Manual Integrations
APPROVED

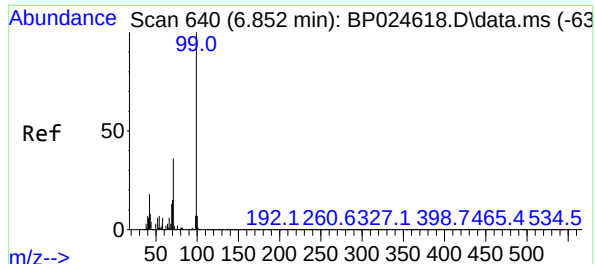
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 39.21 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

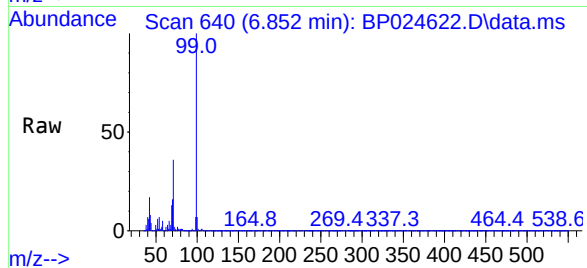
Tgt Ion: 93 Resp: 545556
Ion Ratio Lower Upper
93 100
66 39.0 31.0 46.6
65 19.6 15.5 23.3





#7
Phenol-d6
Concen: 79.09 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

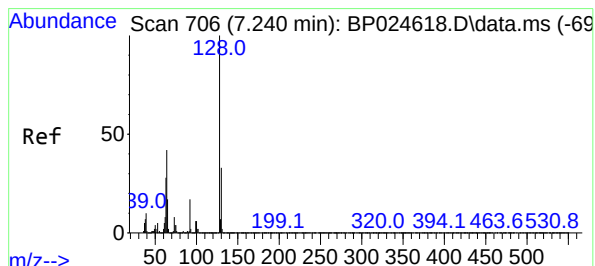
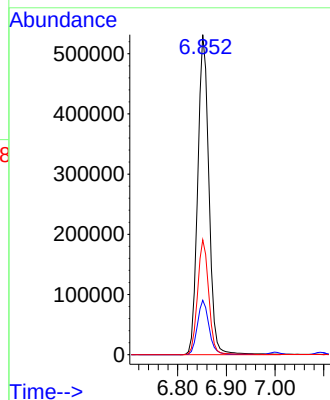
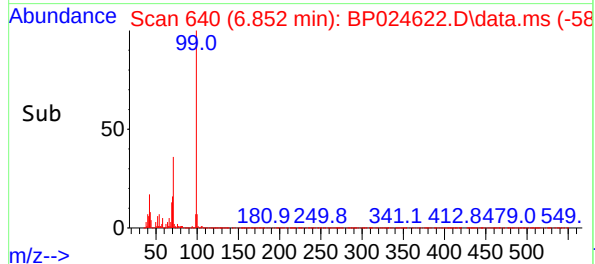
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



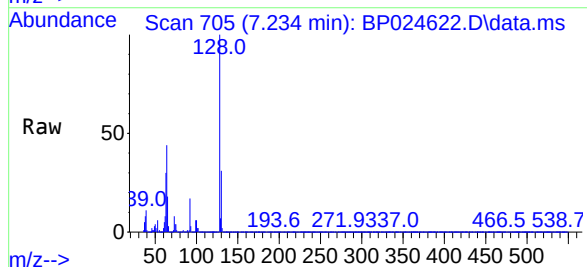
Tgt Ion: 99 Resp: 852330
Ion Ratio Lower Upper
99 100
42 17.0 14.4 21.6
71 35.9 29.2 43.8

Manual Integrations
APPROVED

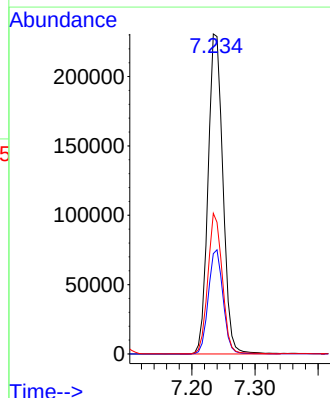
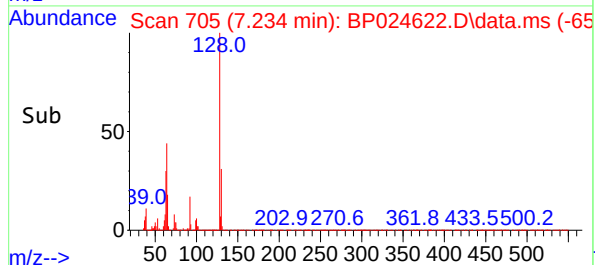
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



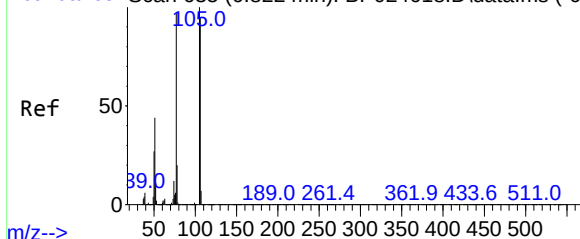
#8
2-Chlorophenol
Concen: 39.37 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



Tgt Ion:128 Resp: 377358
Ion Ratio Lower Upper
128 100
130 31.4 13.0 53.0
64 43.9 22.3 62.3



Abundance Scan 635 (6.822 min): BP024618.D\data.ms (-62



#9

Benzaldehyde

Concen: 39.03 ng

RT: 6.816 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion: 77 Resp: 27230

Ion Ratio Lower Upper

77 100

105 102.4 83.3 123.3

106 98.5 78.0 118.0

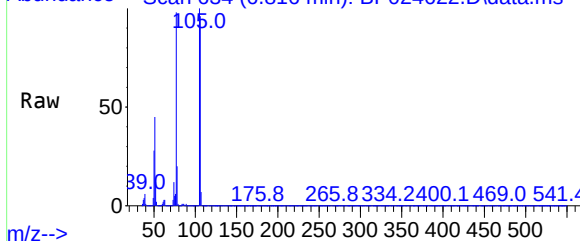
Manual Integrations

APPROVED

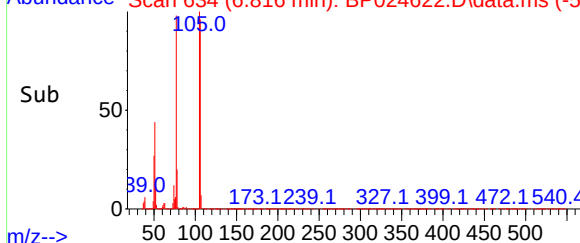
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

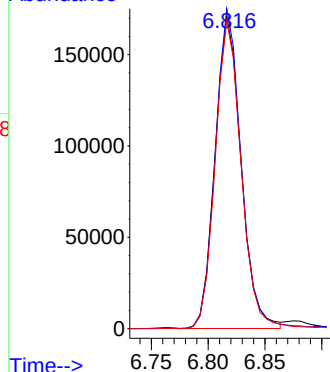
Abundance Scan 634 (6.816 min): BP024622.D\data.ms



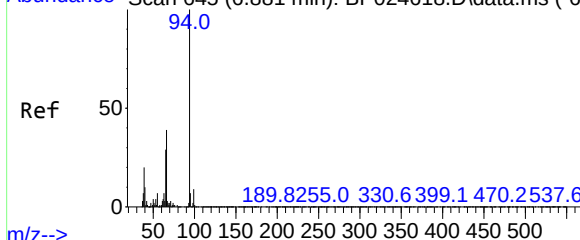
Abundance Scan 634 (6.816 min): BP024622.D\data.ms (-58



Abundance



Abundance Scan 645 (6.881 min): BP024618.D\data.ms (-63



#10

Phenol

Concen: 39.09 ng

RT: 6.881 min Scan# 645

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Tgt Ion: 94 Resp: 434788

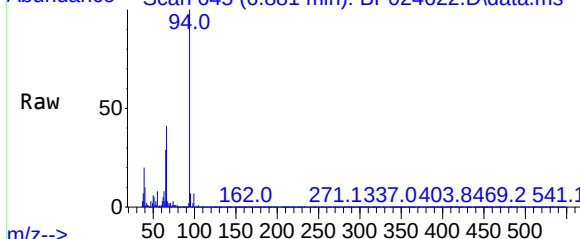
Ion Ratio Lower Upper

94 100

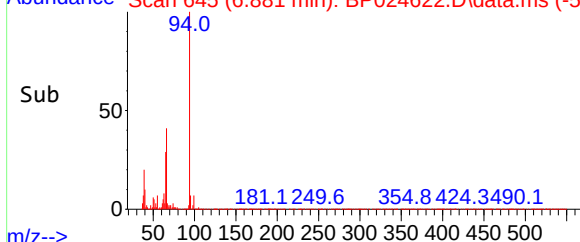
65 28.6 8.7 48.7

66 40.5 19.4 59.4

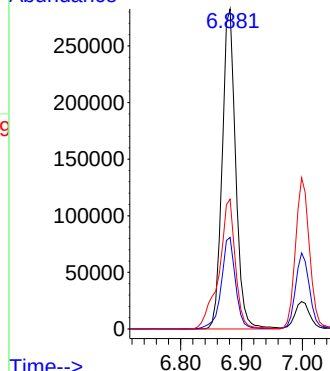
Abundance Scan 645 (6.881 min): BP024622.D\data.ms

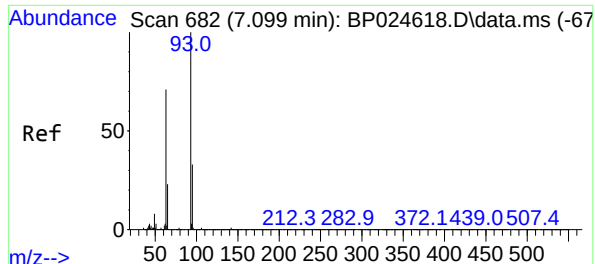


Abundance Scan 645 (6.881 min): BP024622.D\data.ms (-59



Abundance





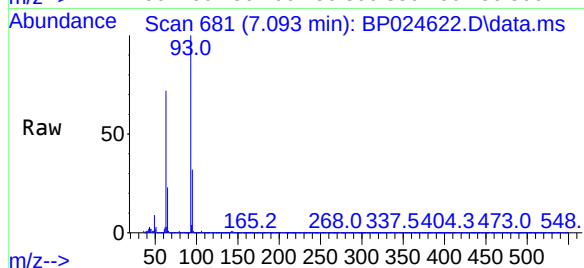
#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325



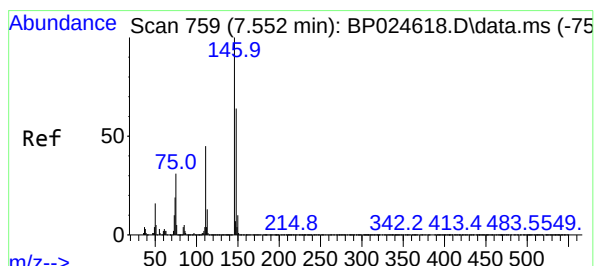
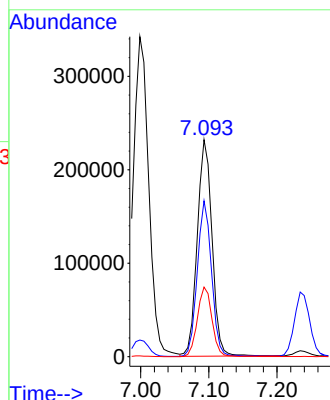
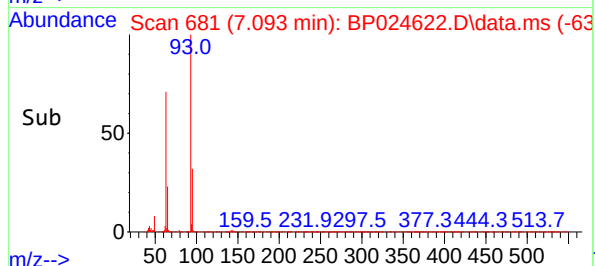
Tgt Ion: 93 Resp: 346744
Ion Ratio Lower Upper
93 100
63 71.9 50.6 90.6
95 32.1 12.9 52.9

Manual Integrations

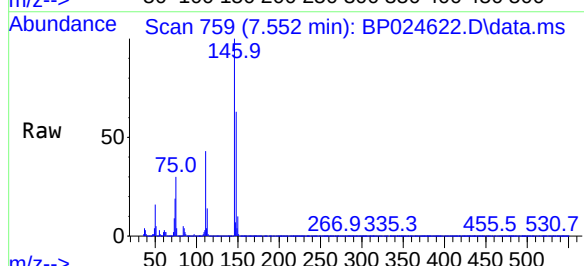
APPROVED

Reviewed By :Rahul Chavli 05/14/2025

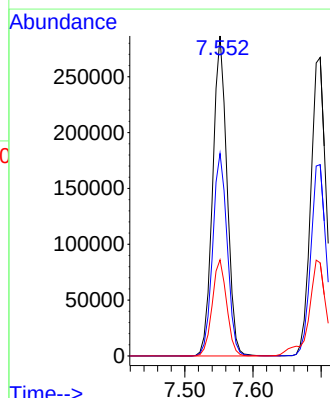
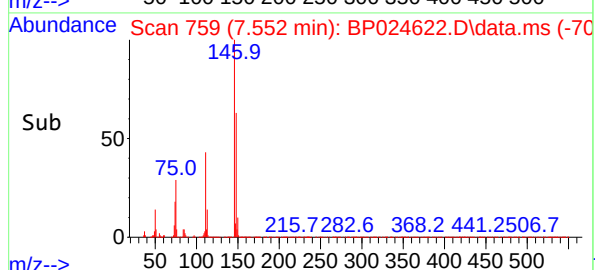
Supervised By :Jagrut Upadhyay 05/14/2025

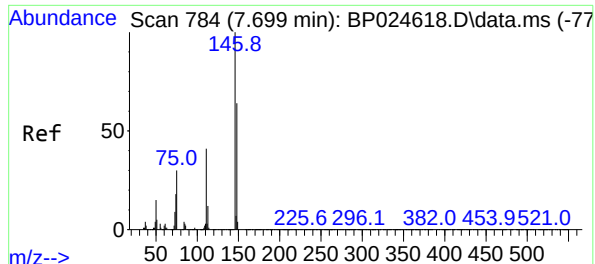


#12
1,3-Dichlorobenzene
Concen: 37.89 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



Tgt Ion:146 Resp: 417899
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
75 30.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 37.90 ng

RT: 7.699 min Scan# 784

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:146 Resp: 42043

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

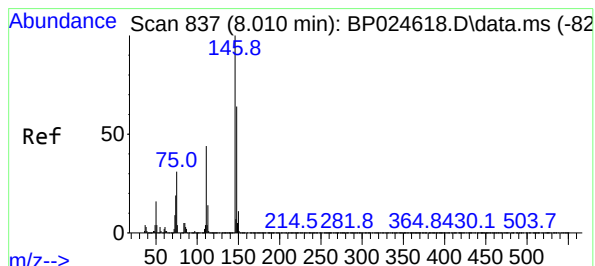
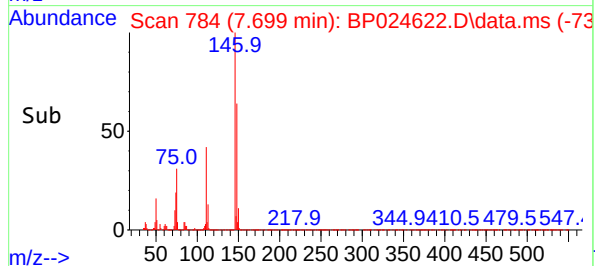
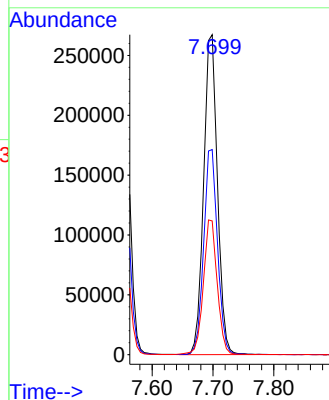
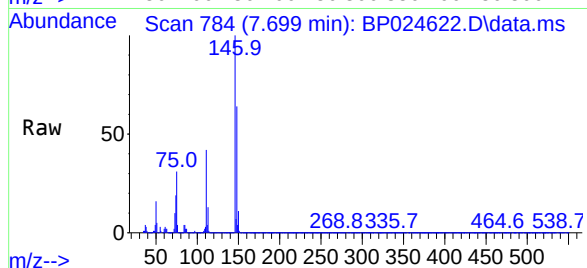
111 41.8 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 37.90 ng

RT: 8.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

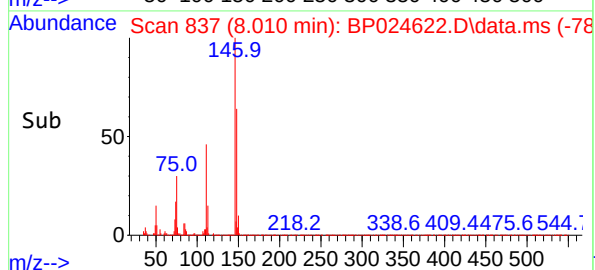
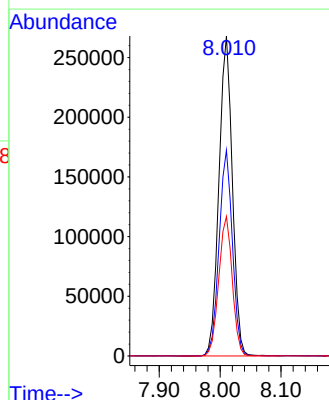
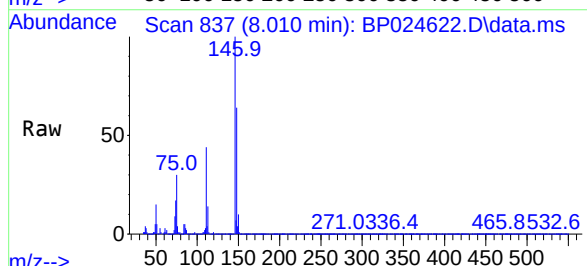
Tgt Ion:146 Resp: 409587

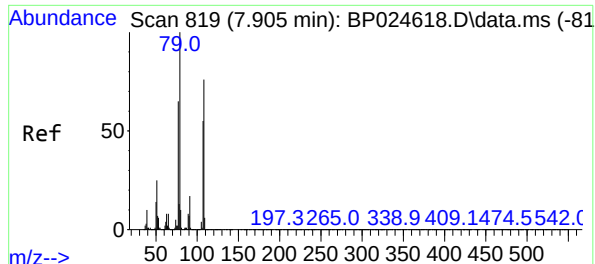
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

111 43.6 35.2 52.8





#15

Benzyl Alcohol

Concen: 40.54 ng

RT: 7.904 min Scan# 819

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

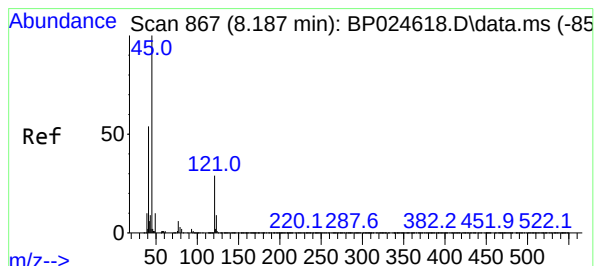
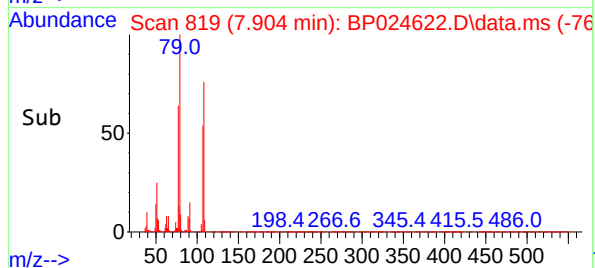
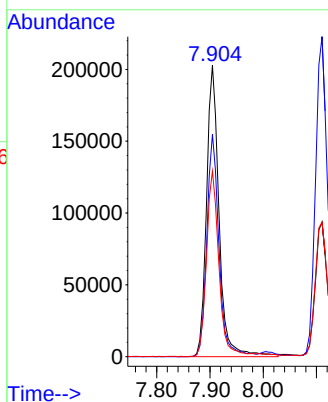
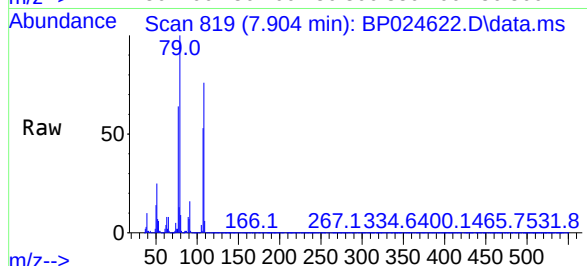
Tgt Ion:	79	Resp:	33201
Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.8	91.2
77	63.7	51.9	77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.04 ng

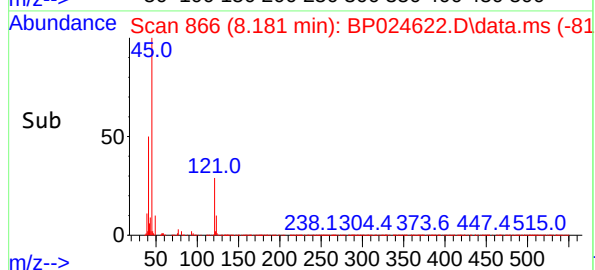
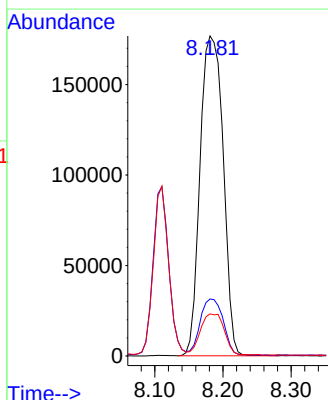
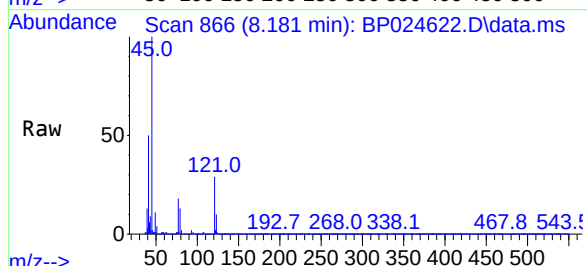
RT: 8.181 min Scan# 866

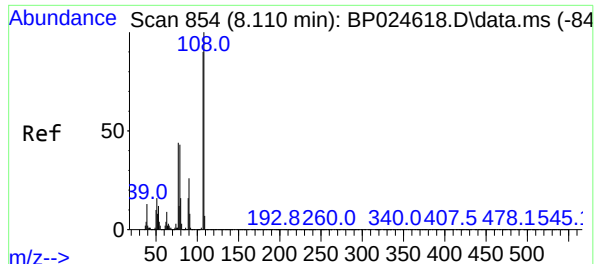
Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Tgt Ion:	45	Resp:	416339
Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	13.2	0.0	34.0





#17

2-Methylphenol

Concen: 39.62 ng

RT: 8.110 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:107 Resp: 31606

Ion Ratio Lower Upper

107 100

108 111.5 88.9 133.3

77 46.8 39.0 58.6

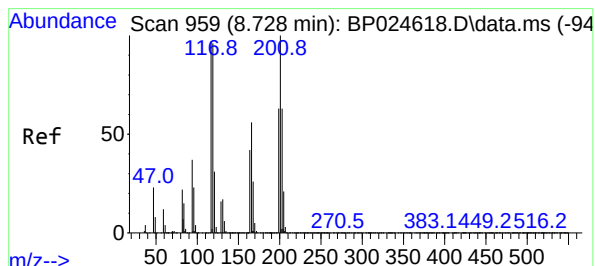
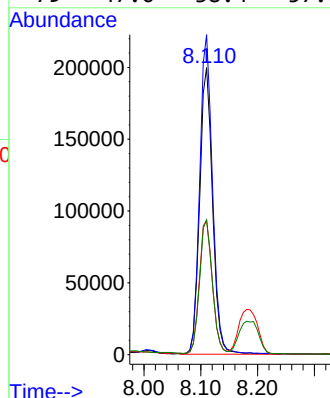
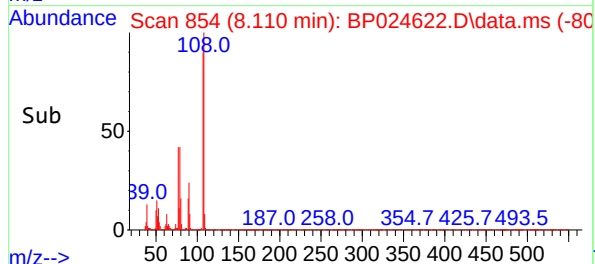
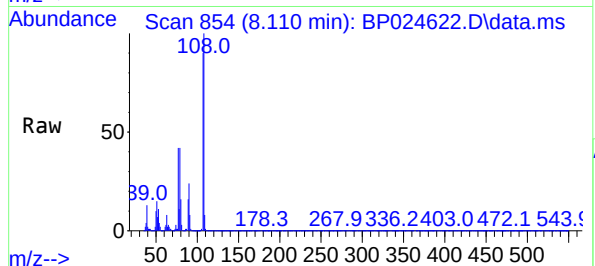
79 47.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 37.21 ng

RT: 8.728 min Scan# 959

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

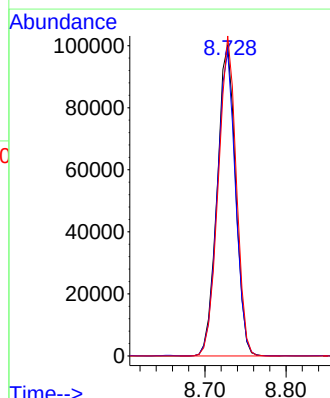
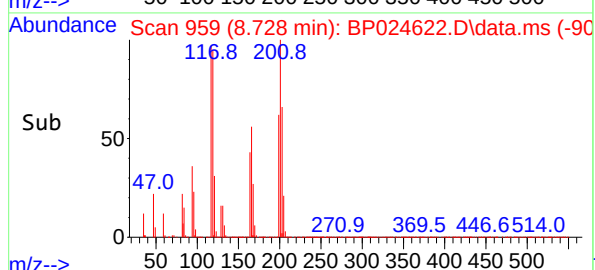
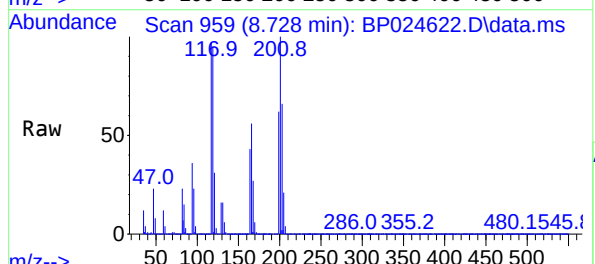
Tgt Ion:117 Resp: 158167

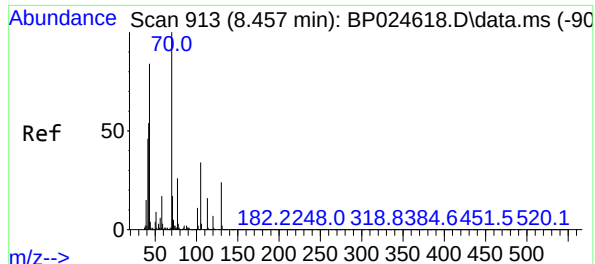
Ion Ratio Lower Upper

117 100

119 97.9 79.4 119.0

201 103.0 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.16 ng

RT: 8.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion: 70 Resp: 29196

Ion Ratio Lower Upper

70 100

42 53.7 43.0 64.6

101 10.8 8.7 13.1

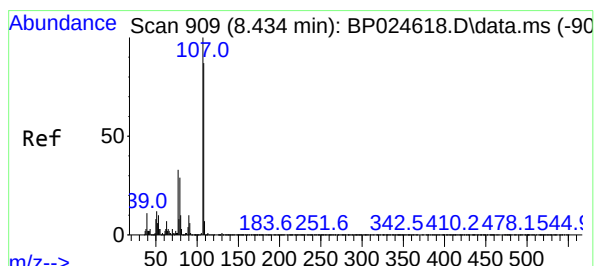
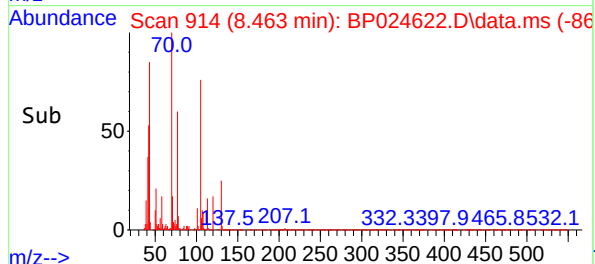
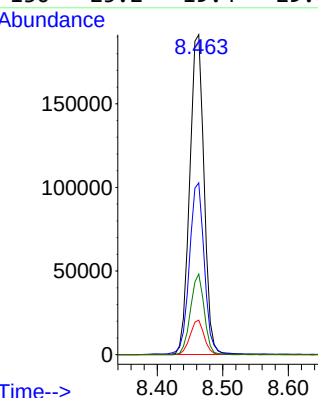
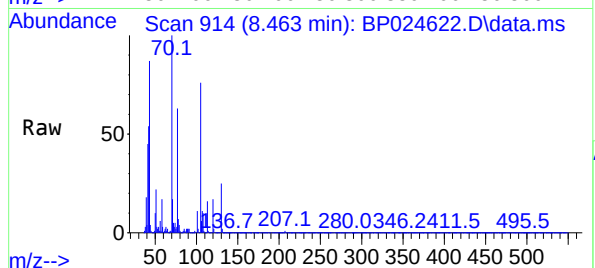
130 25.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 39.56 ng

RT: 8.434 min Scan# 909

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Tgt Ion:107 Resp: 429326

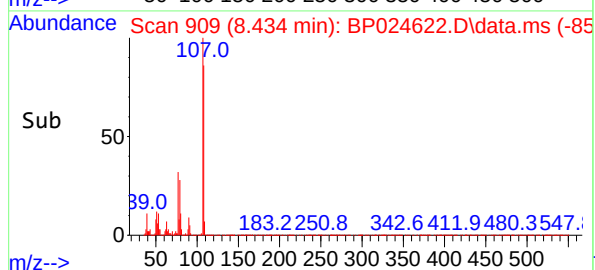
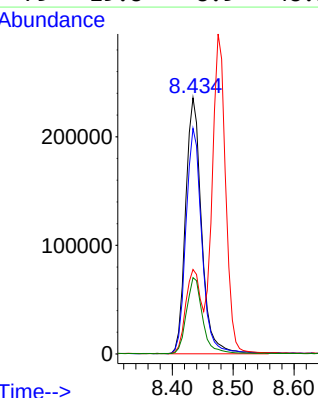
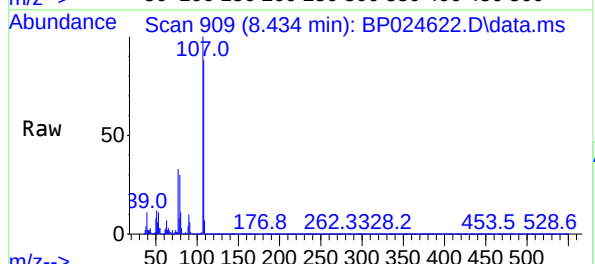
Ion Ratio Lower Upper

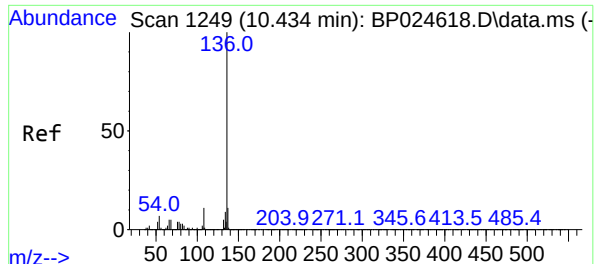
107 100

108 88.1 66.7 106.7

77 33.0 13.1 53.1

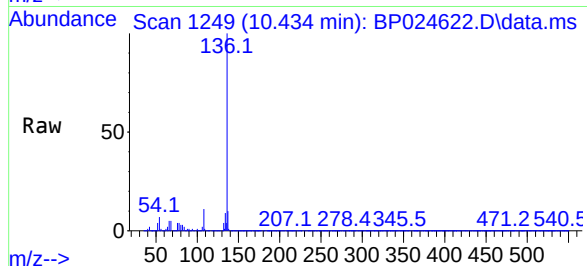
79 29.8 8.9 48.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

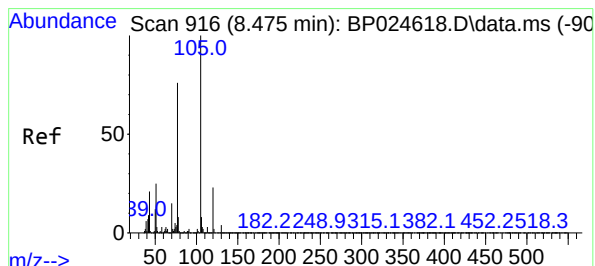
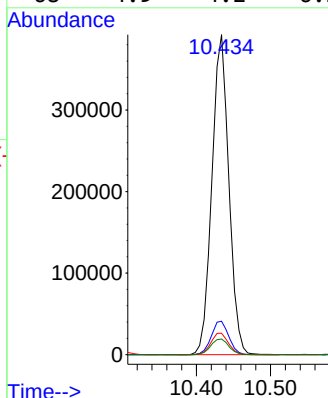
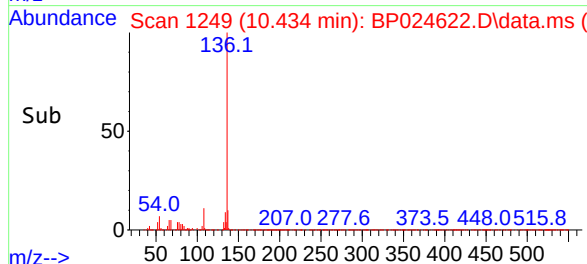
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:136 Resp: 621777
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.7 5.5 8.3
68 4.9 4.2 6.2

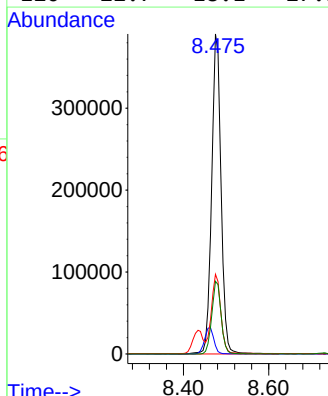
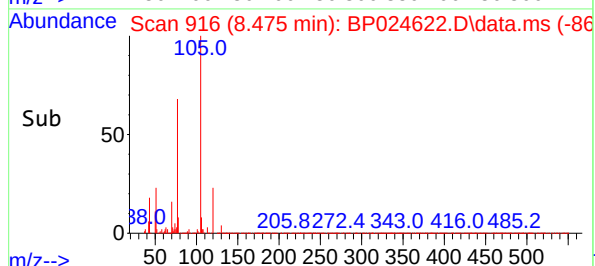
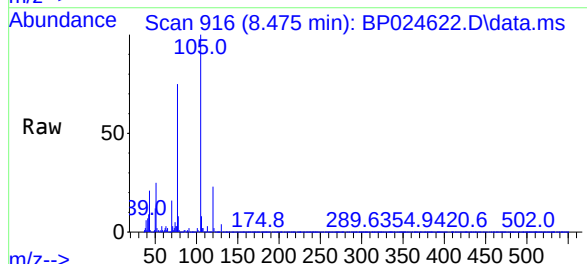
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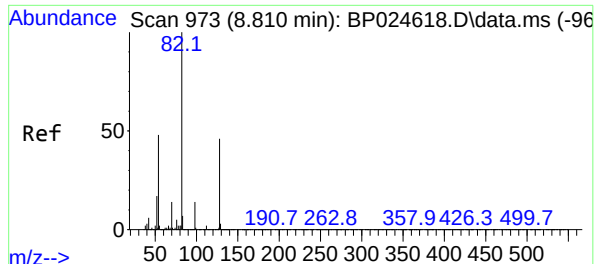
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#22
Acetophenone
Concen: 38.47 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:105 Resp: 597464
Ion Ratio Lower Upper
105 100
71 2.6 2.0 3.0
51 24.9 20.4 30.6
120 22.7 18.1 27.1





#23

Nitrobenzene-d5

Concen: 78.23 ng

RT: 8.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion: 82 Resp: 962660

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.4

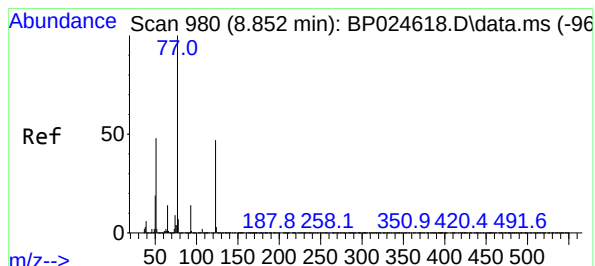
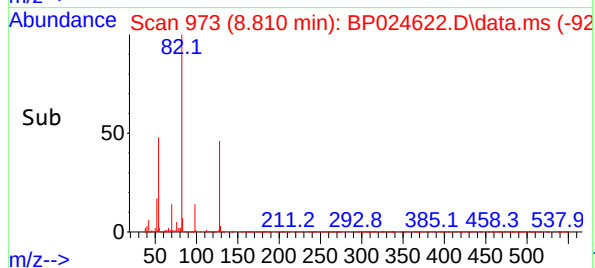
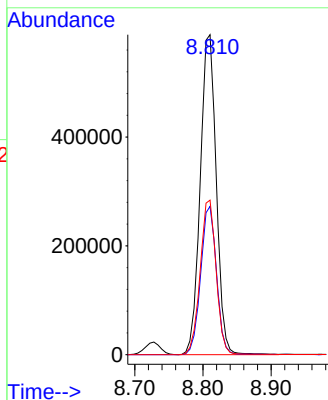
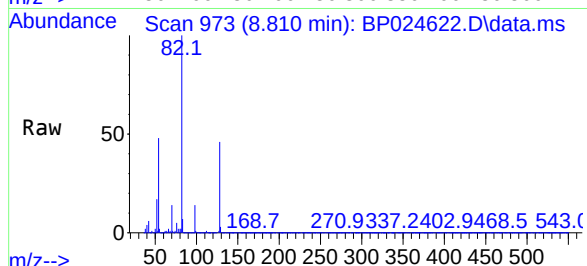
54 48.3 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#24

Nitrobenzene

Concen: 38.50 ng

RT: 8.851 min Scan# 980

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

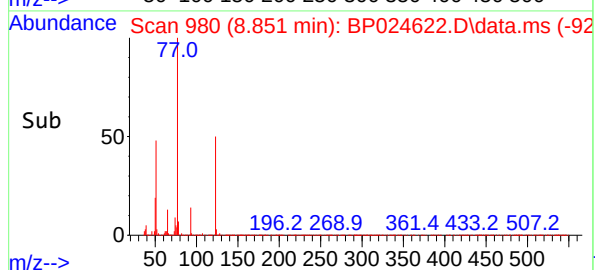
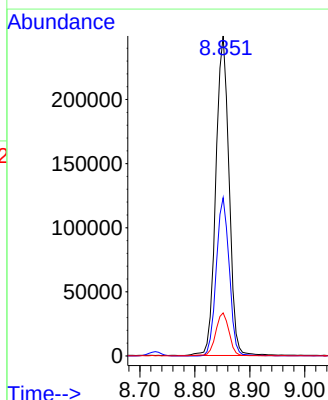
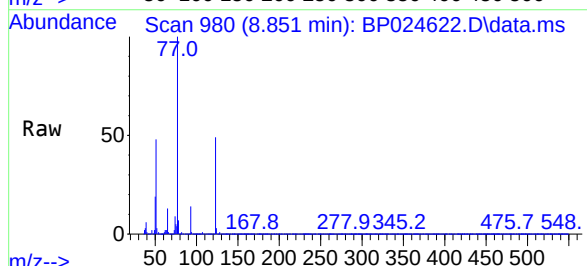
Tgt Ion: 77 Resp: 416985

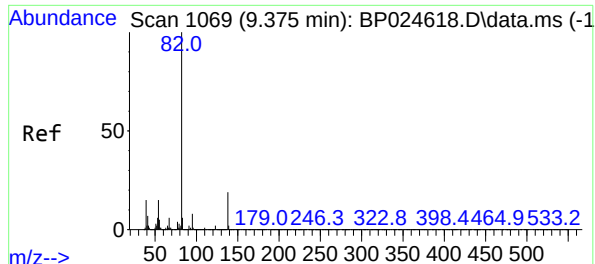
Ion Ratio Lower Upper

77 100

123 49.5 37.4 56.0

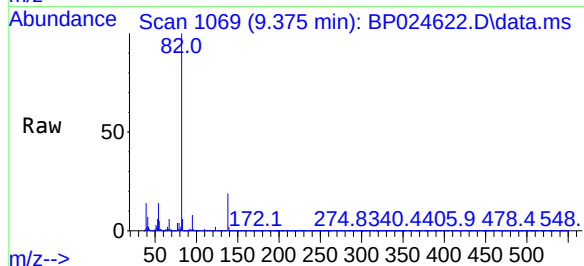
65 13.5 11.3 16.9





#25
Isophorone
Concen: 38.49 ng
RT: 9.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

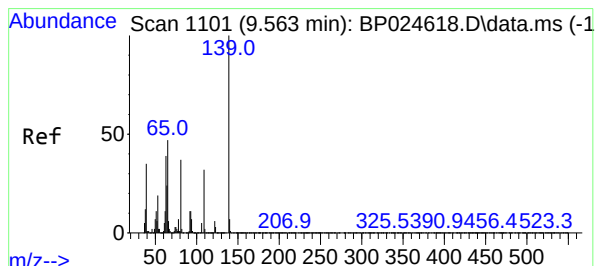
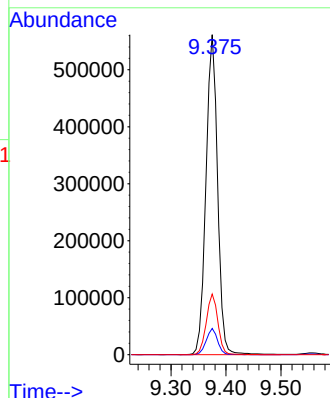
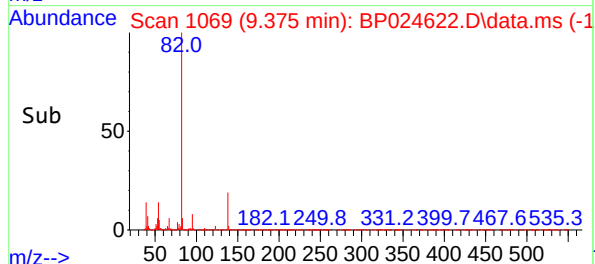
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion: 82 Resp: 82163
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 18.9 15.3 22.9

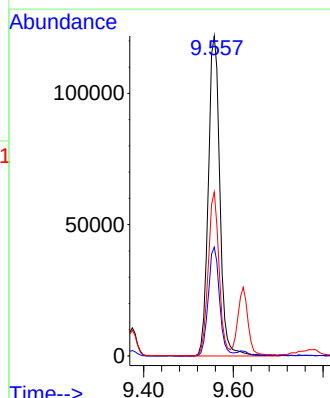
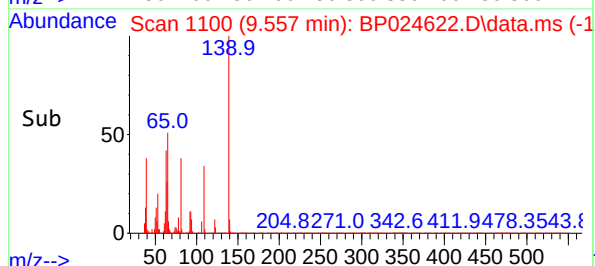
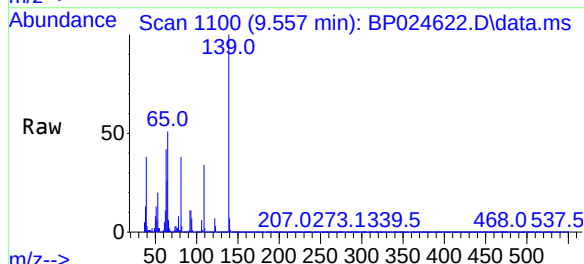
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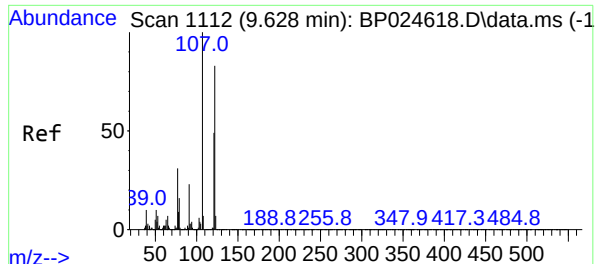
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 41.12 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:139 Resp: 218211
Ion Ratio Lower Upper
139 100
109 34.0 25.9 38.9
65 51.3 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 39.48 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

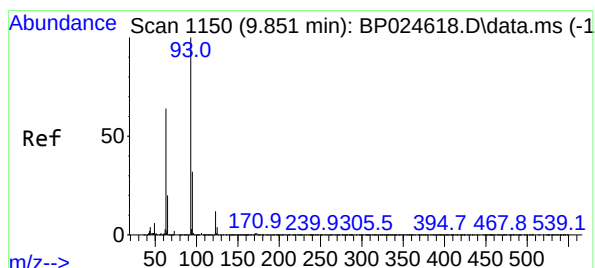
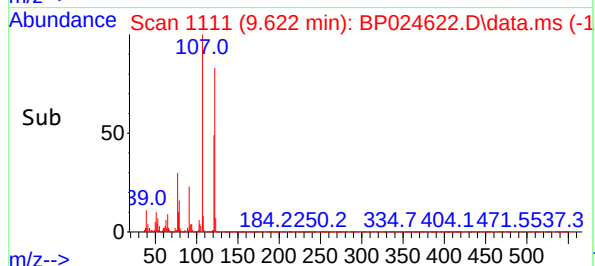
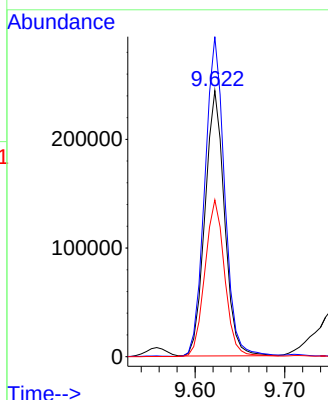
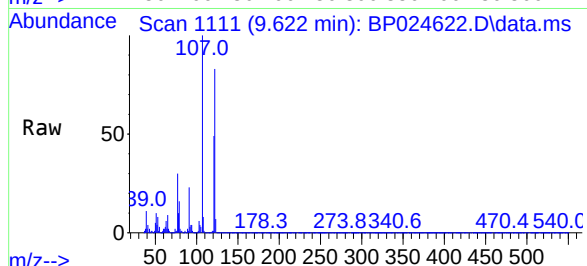
Tgt Ion:	122	Resp:	369418
Ion	Ratio	Lower	Upper
122	100		
107	120.3	96.2	144.2
121	58.9	47.6	71.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.71 ng

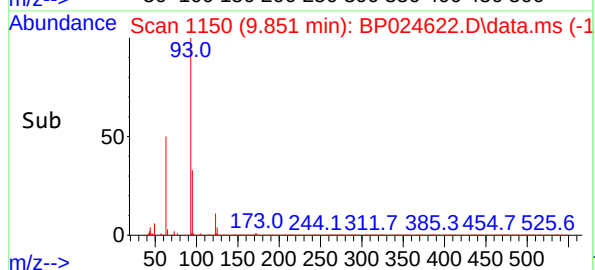
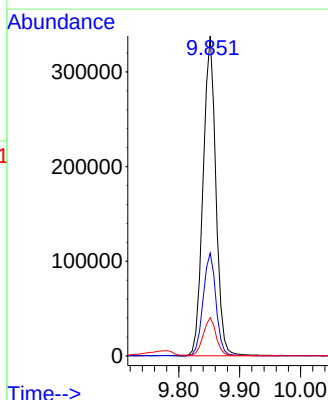
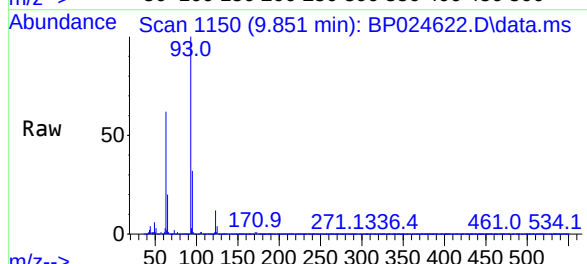
RT: 9.851 min Scan# 1150

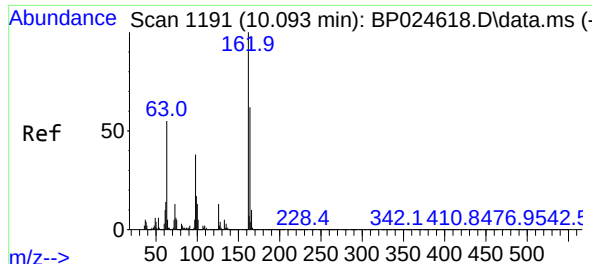
Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

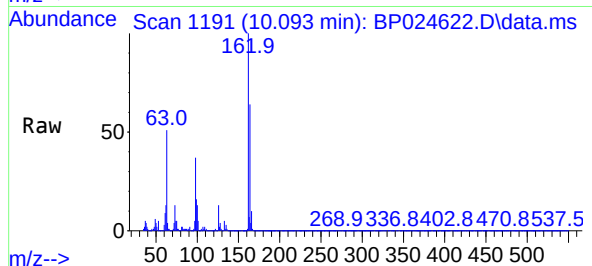
Tgt Ion:	93	Resp:	493722
Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	12.0	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 10.093 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

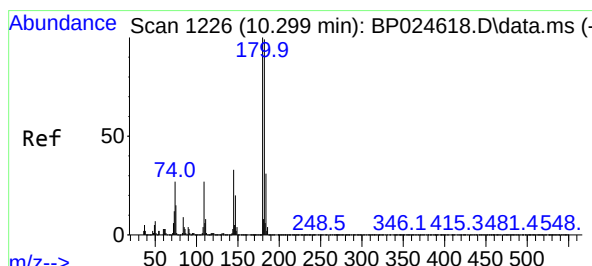
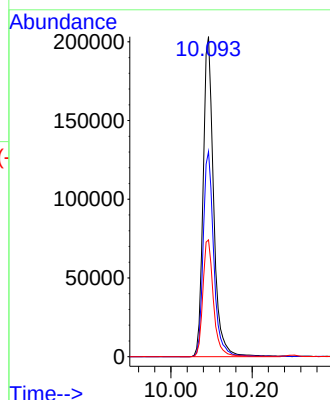
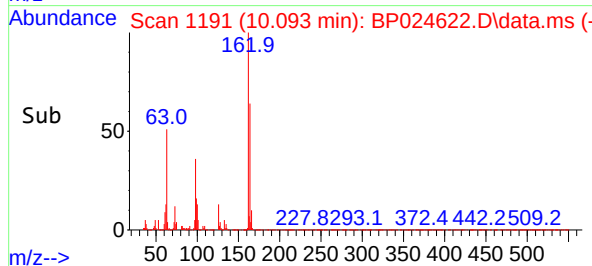
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:162 Resp: 36437
Ion Ratio Lower Upper
162 100
164 64.1 42.3 82.3
98 36.5 18.4 58.4

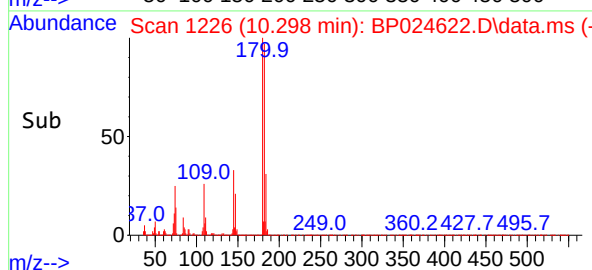
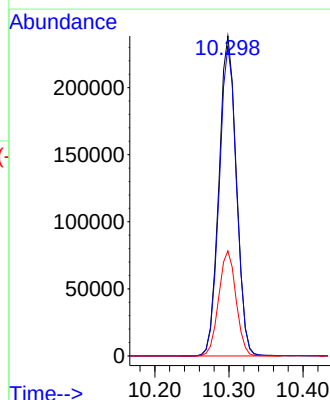
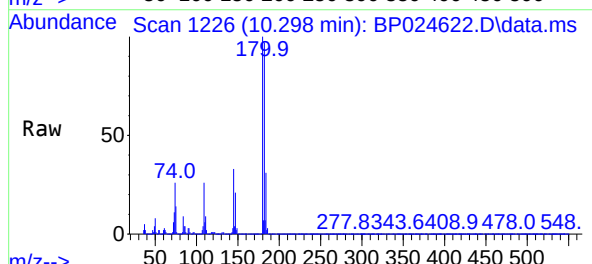
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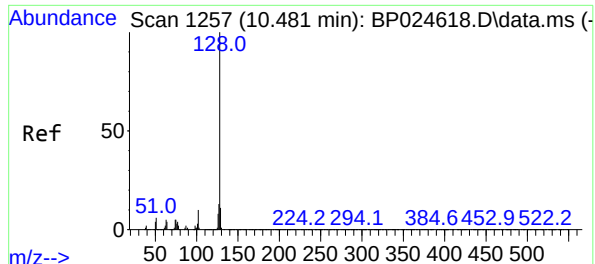
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#30
1,2,4-Trichlorobenzene
Concen: 38.11 ng
RT: 10.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:180 Resp: 389362
Ion Ratio Lower Upper
180 100
182 96.8 79.0 118.4
145 32.9 26.6 39.8





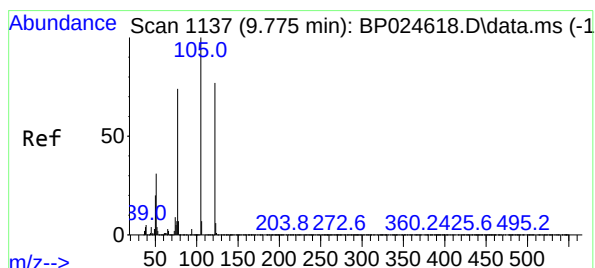
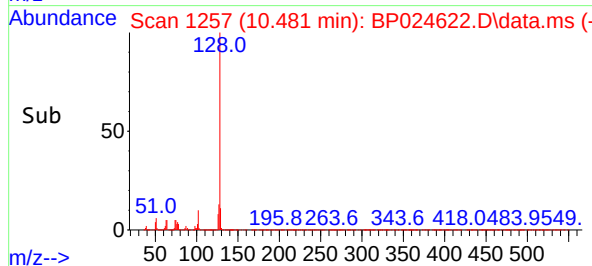
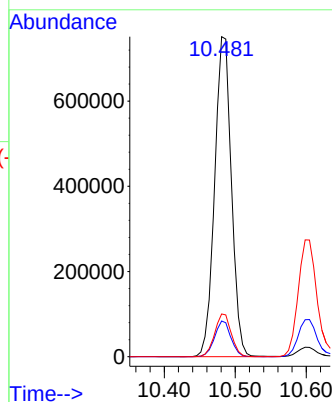
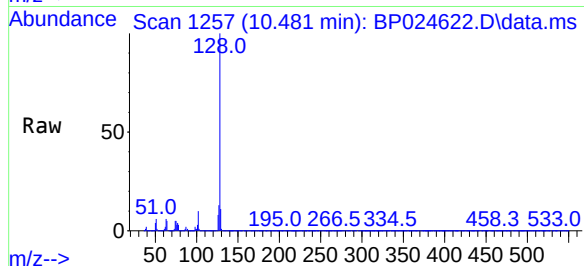
#31
Naphthalene
Concen: 38.07 ng
RT: 10.481 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:128 Resp: 1226624
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.7 16.1

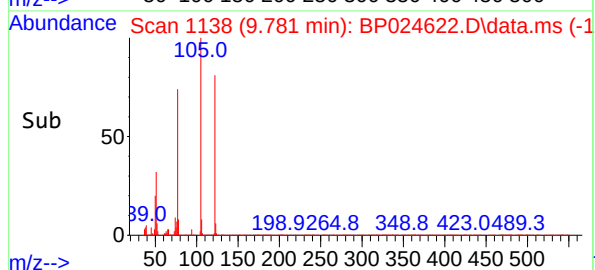
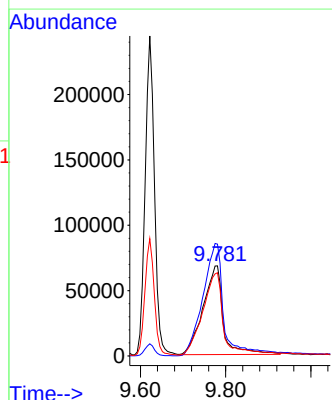
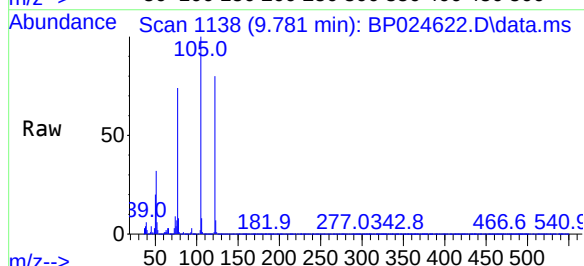
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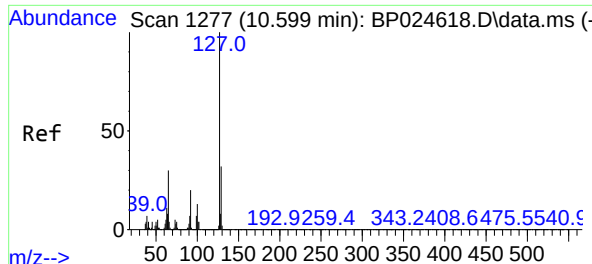
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#32
Benzoic acid
Concen: 36.46 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:122 Resp: 223660
Ion Ratio Lower Upper
122 100
105 124.2 106.9 146.9
77 92.5 75.1 115.1





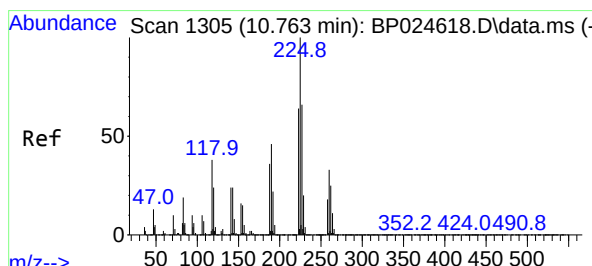
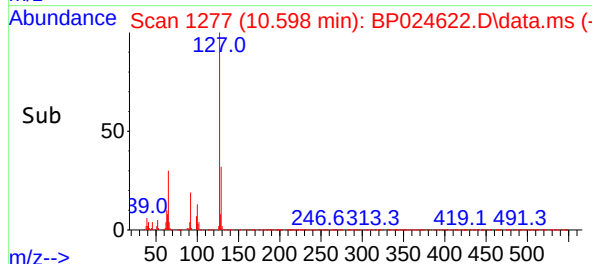
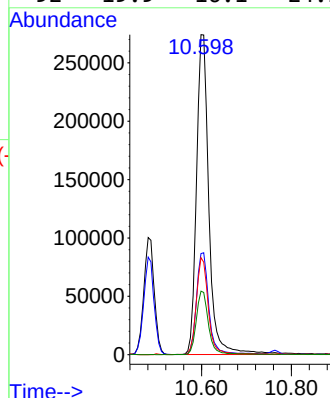
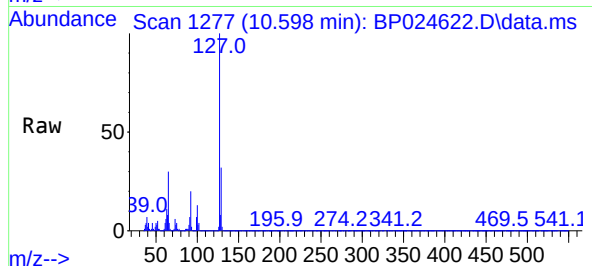
#33
4-Chloroaniline
Concen: 40.37 ng
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:	127	Resp:	52487
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.8	38.6
65	30.3	23.9	35.9
92	19.9	16.1	24.1

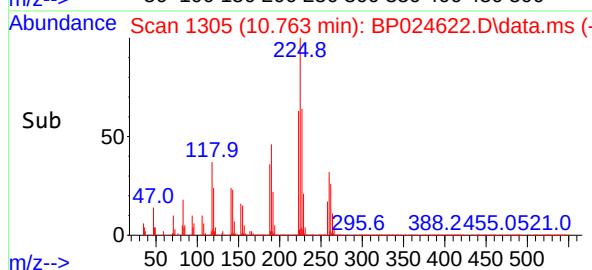
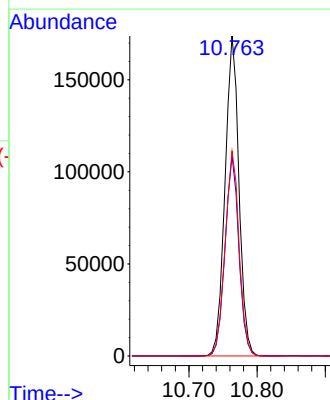
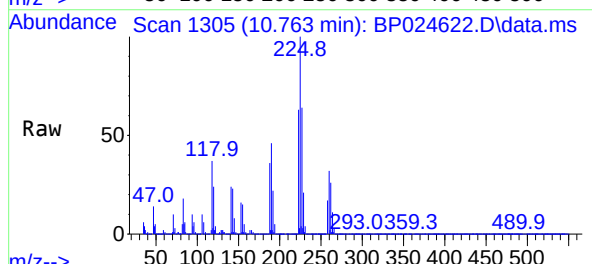
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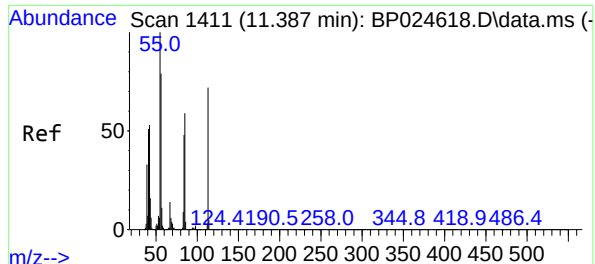
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

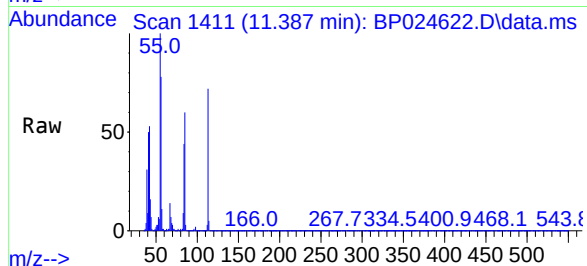
Tgt Ion:	225	Resp:	246776
Ion Ratio	Lower	Upper	
225	100		
223	62.5	51.0	76.6
227	64.0	53.1	79.7





#35
Caprolactam
Concen: 39.75 ng
RT: 11.387 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

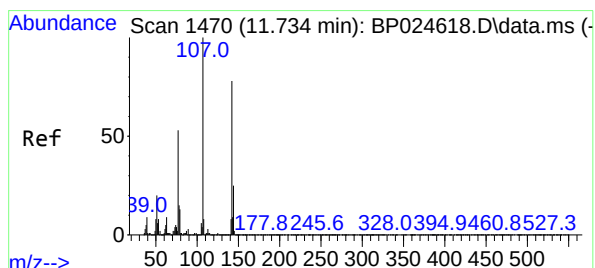
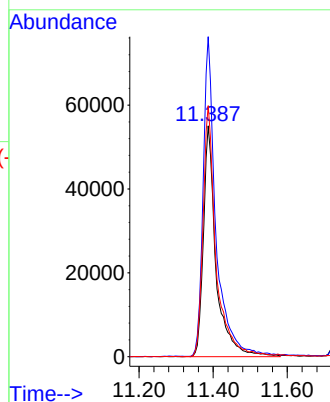
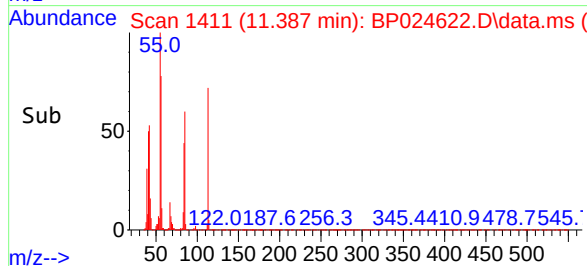
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



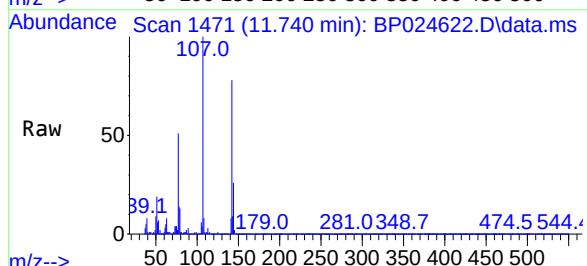
Tgt Ion:113 Resp: 130399
Ion Ratio Lower Upper
113 100
55 138.6 119.0 159.0
56 108.8 90.3 130.3

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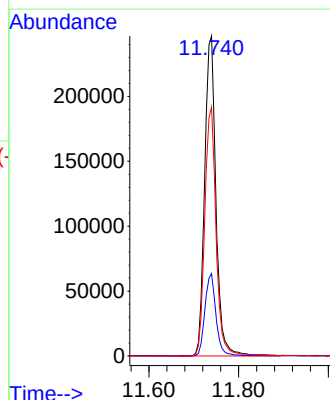
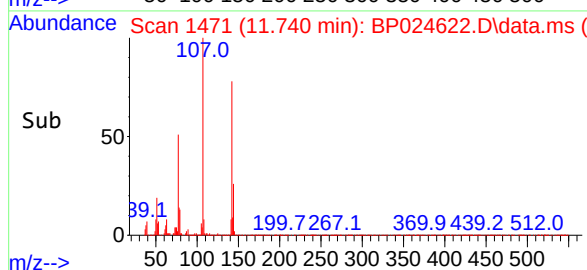
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

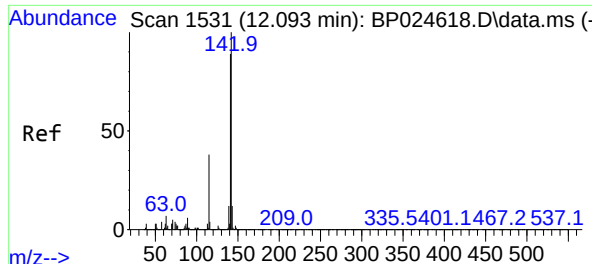


#36
4-Chloro-3-methylphenol
Concen: 39.01 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



Tgt Ion:107 Resp: 431344
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 77.8 62.1 93.1





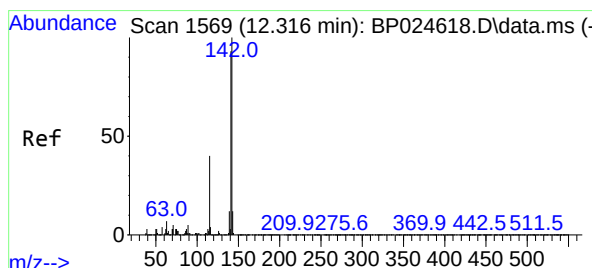
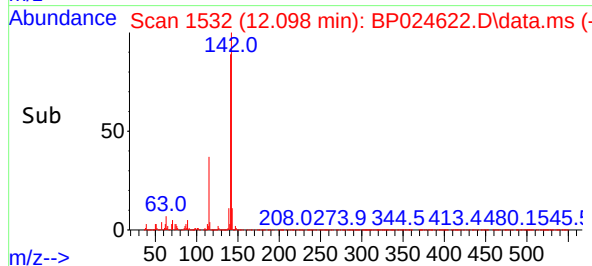
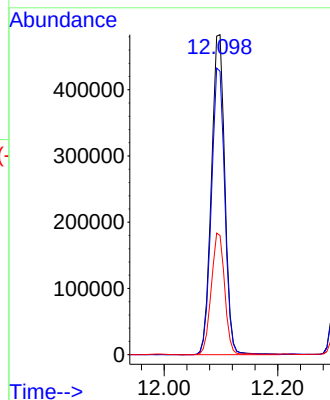
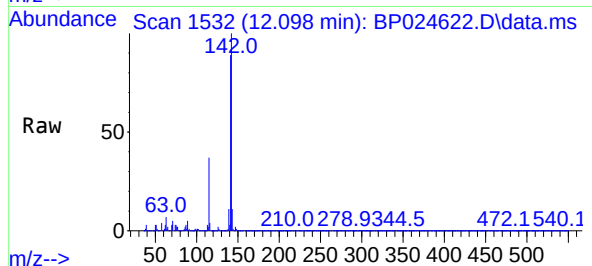
#37
2-Methylnaphthalene
Concen: 37.85 ng
RT: 12.098 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:142 Resp: 789724
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8
115 37.2 30.6 46.0

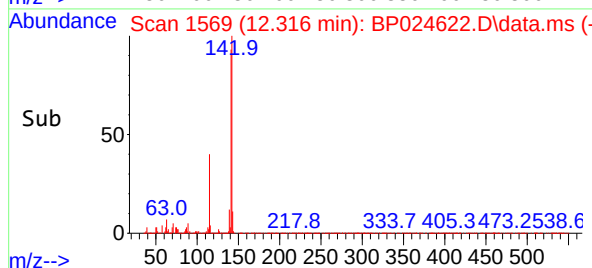
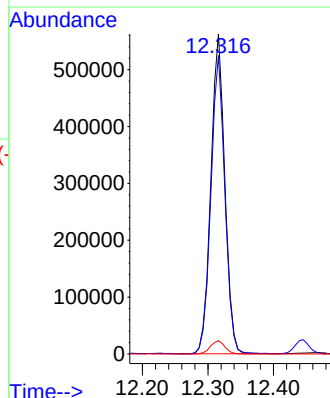
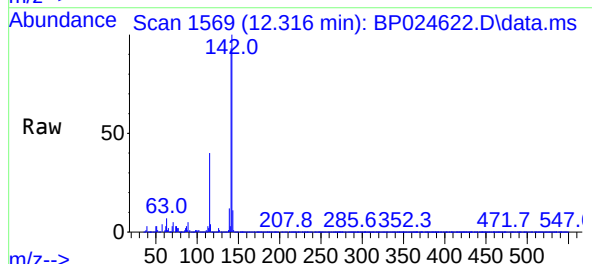
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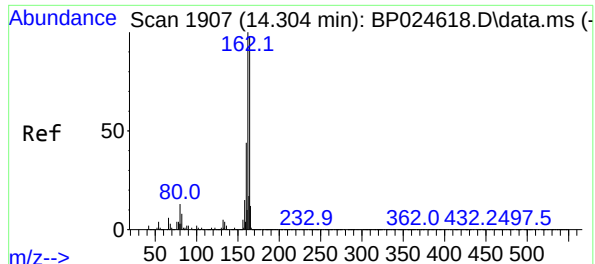
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#38
1-Methylnaphthalene
Concen: 37.34 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:142 Resp: 833521
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:164 Resp: 39111

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

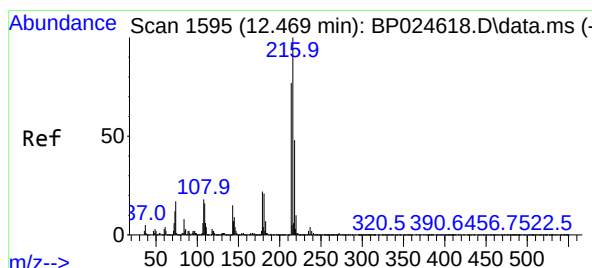
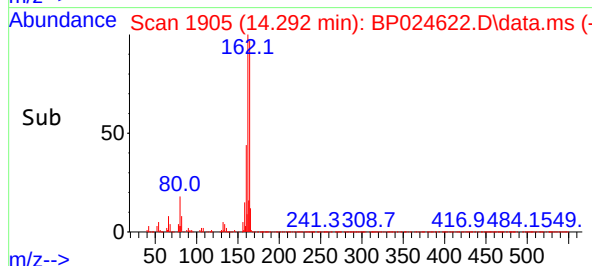
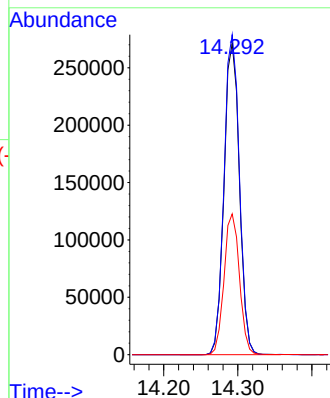
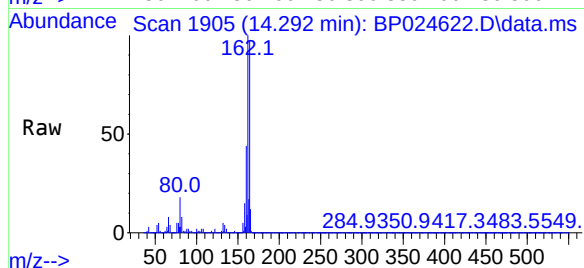
160 45.2 36.3 54.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.13 ng

RT: 12.469 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Tgt Ion:216 Resp: 444420

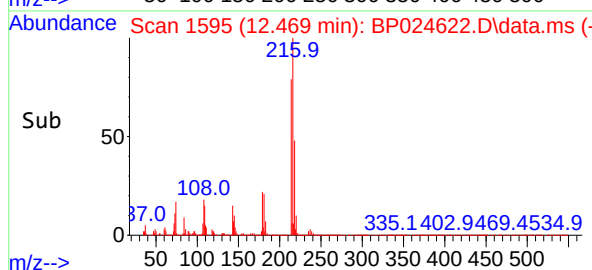
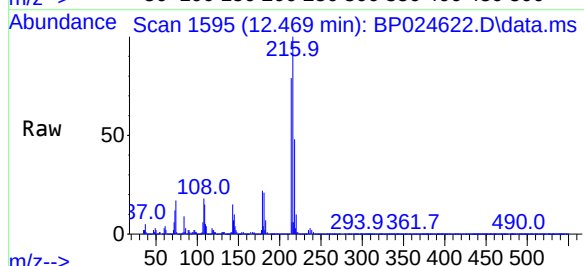
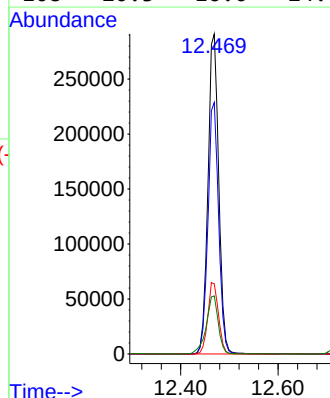
Ion Ratio Lower Upper

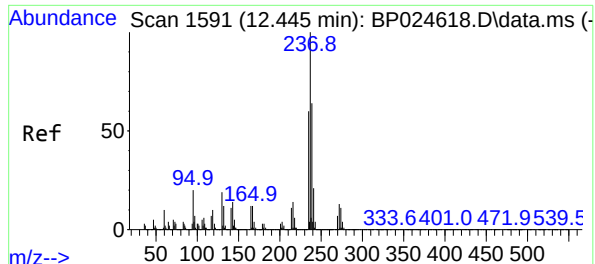
216 100

214 78.0 62.3 93.5

179 22.2 17.7 26.5

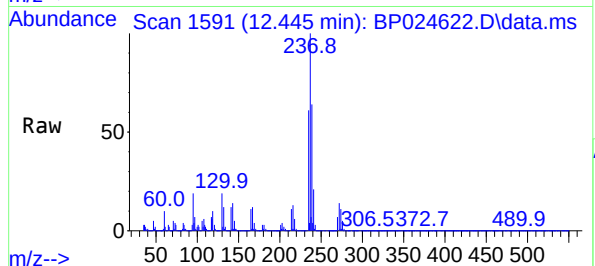
108 20.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 44.37 ng
RT: 12.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

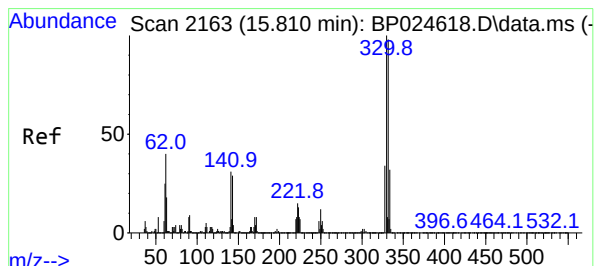
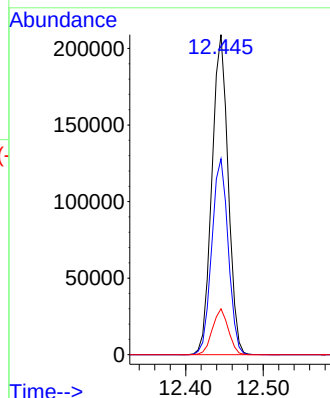
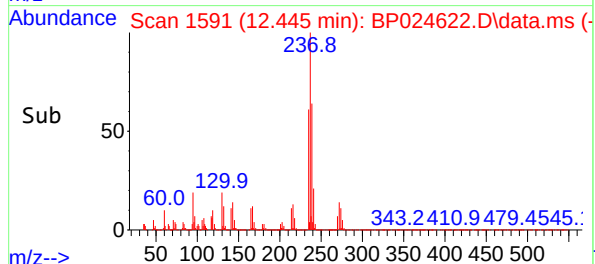
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion: 237 Resp: 305579
Ion Ratio Lower Upper
237 100
235 61.2 39.9 79.9
272 14.3 0.0 33.2

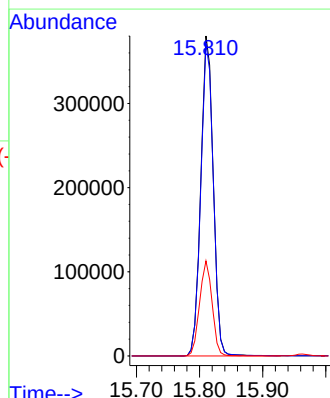
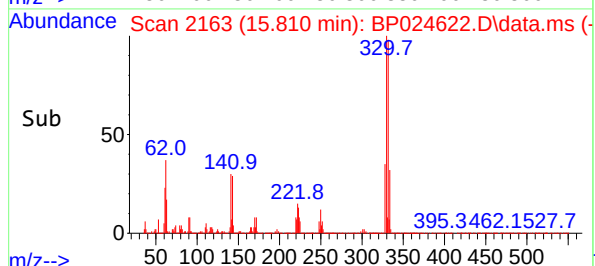
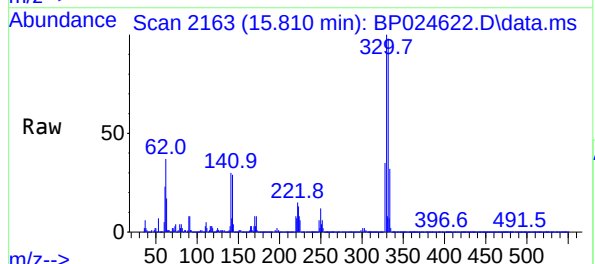
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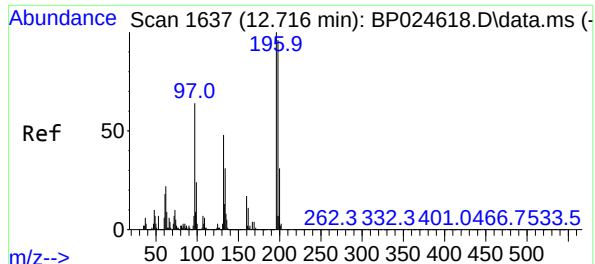
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#42
2,4,6-Tribromophenol
Concen: 78.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

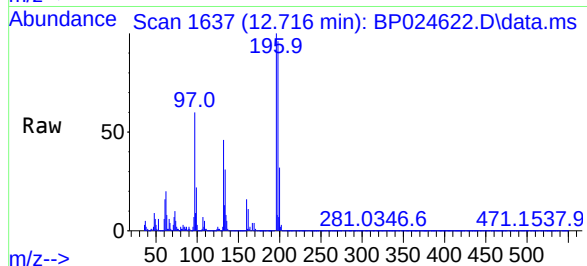
Tgt Ion: 330 Resp: 520660
Ion Ratio Lower Upper
330 100
332 98.2 78.2 117.4
141 29.8 24.3 36.5





#43
2,4,6-Trichlorophenol
Concen: 41.55 ng
RT: 12.716 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

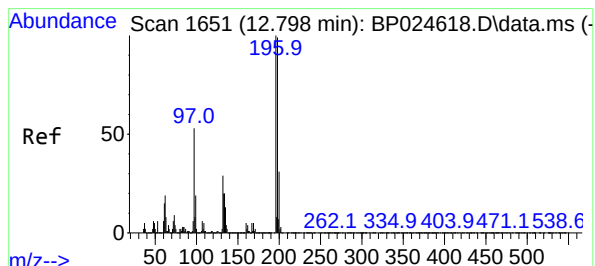
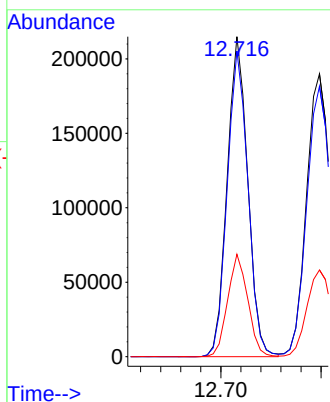
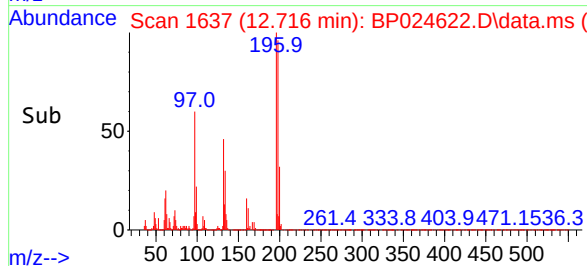
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



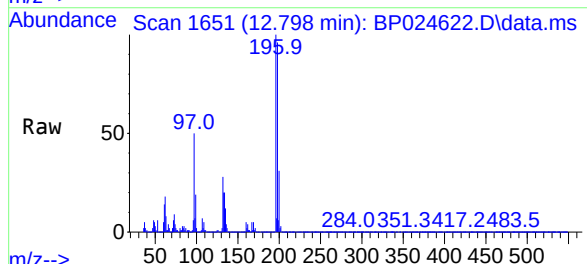
Tgt Ion:196 Resp: 305652
Ion Ratio Lower Upper
196 100
198 95.5 76.9 115.3
200 32.0 25.2 37.8

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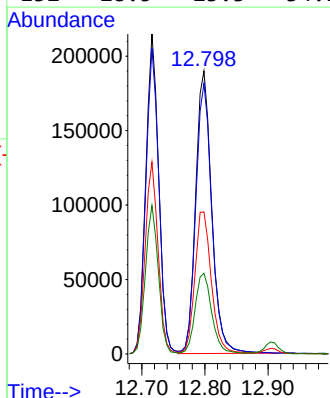
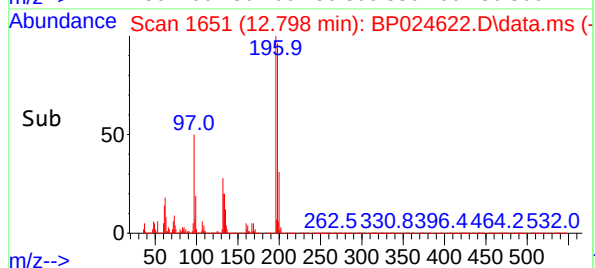
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

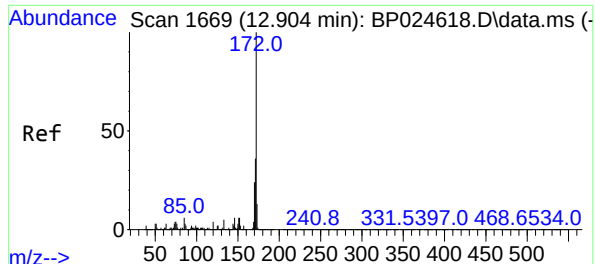


#44
2,4,5-Trichlorophenol
Concen: 41.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



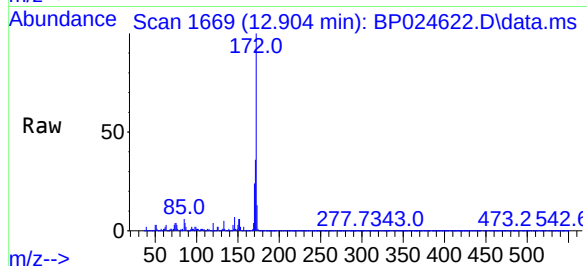
Tgt Ion:196 Resp: 336252
Ion Ratio Lower Upper
196 100
198 95.6 79.2 118.8
97 50.2 42.3 63.5
132 28.5 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 76.73 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

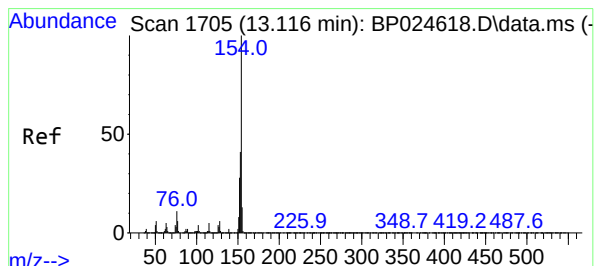
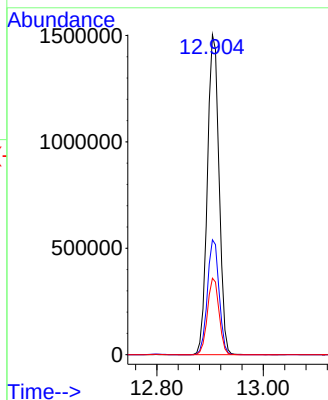
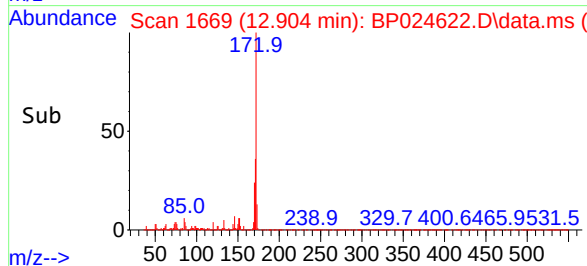
Instrument :
BNA_P
Client Sample Id :
ICVBP051325



Tgt Ion:172 Resp: 2290715
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 18.8 28.2

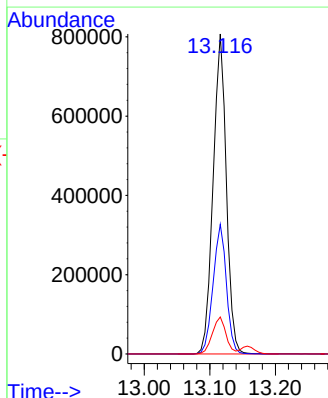
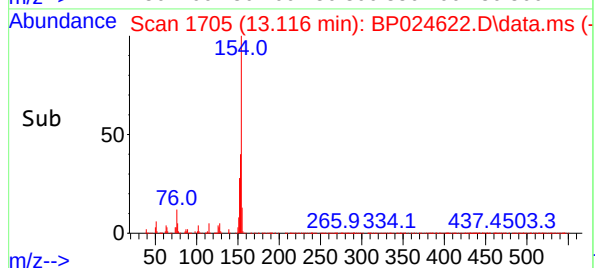
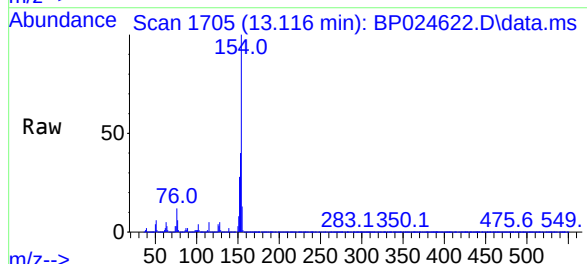
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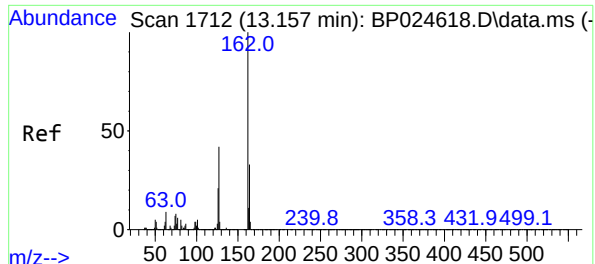
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 38.91 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:154 Resp: 1124669
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 11.5 0.0 31.5





#47
2-Chloronaphthalene
Concen: 39.24 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

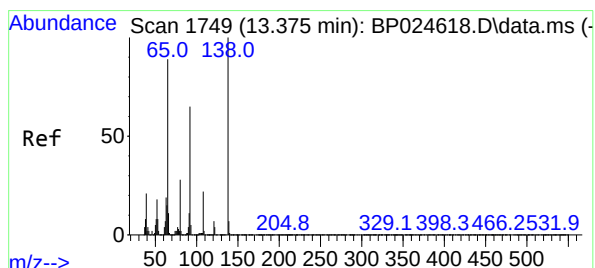
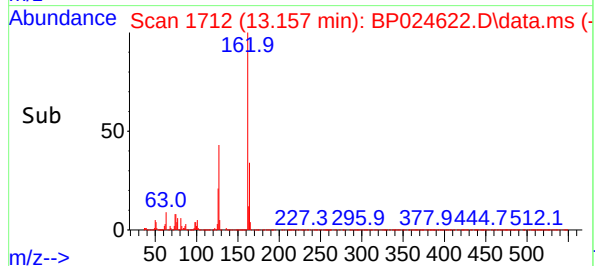
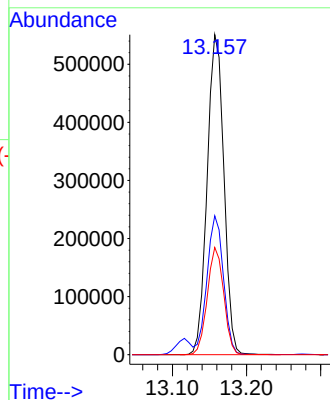
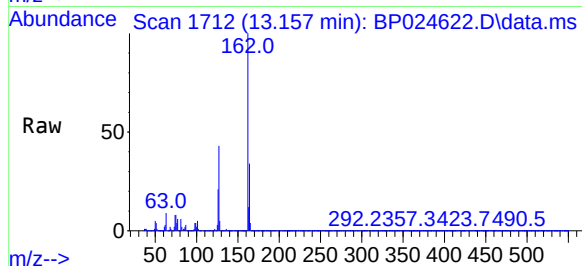
ICVBP051325

Tgt Ion:162 Resp: 86485
Ion Ratio Lower Upper
162 100
127 43.4 33.8 50.6
164 33.5 26.0 39.0

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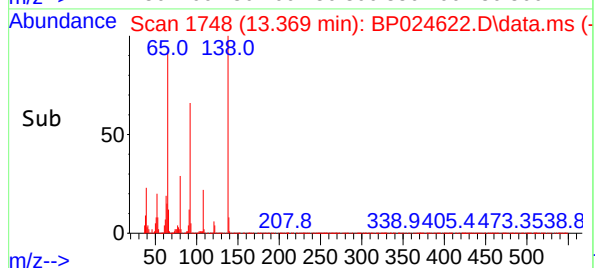
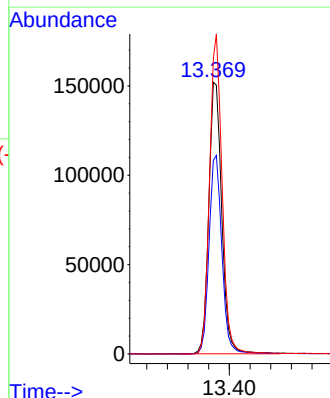
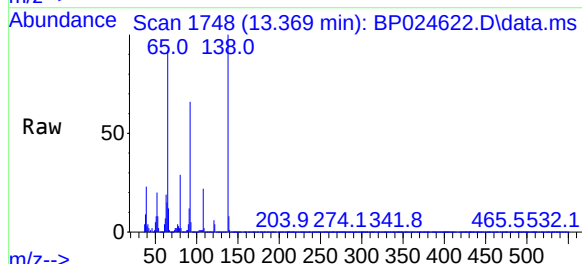
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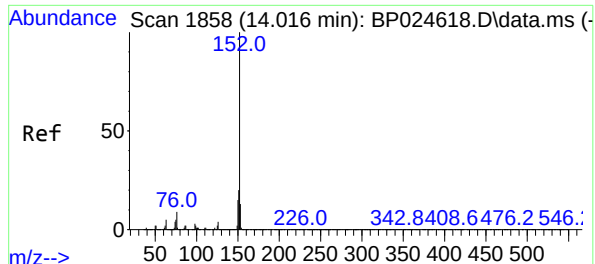
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#48
2-Nitroaniline
Concen: 40.60 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 65 Resp: 264965
Ion Ratio Lower Upper
65 100
92 71.2 58.7 88.1
138 108.5 90.2 135.2





#49

Acenaphthylene

Concen: 38.49 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:152 Resp: 141982

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

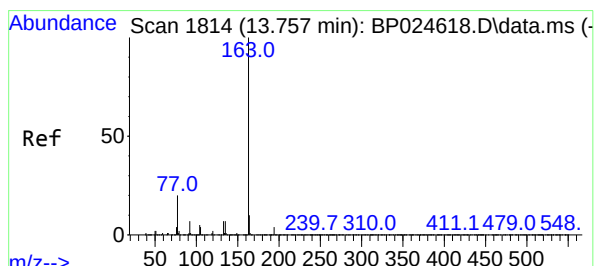
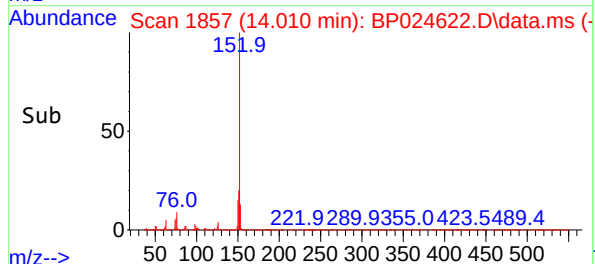
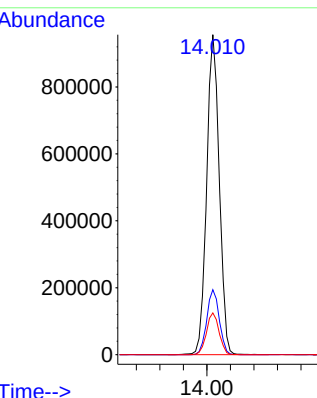
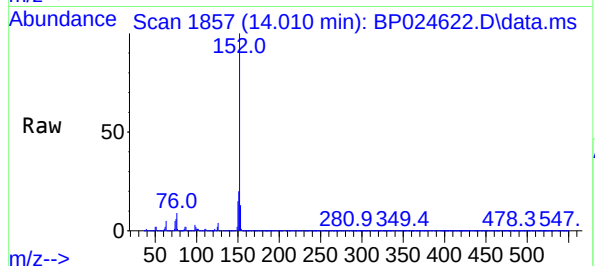
153 13.0 10.2 15.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#50

Dimethylphthalate

Concen: 38.75 ng

RT: 13.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

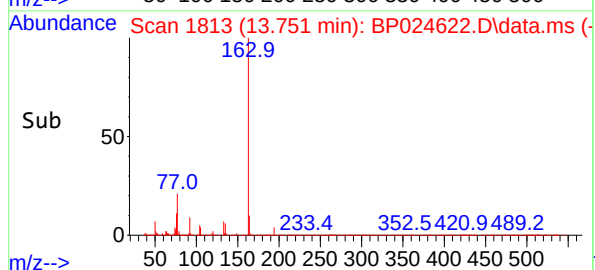
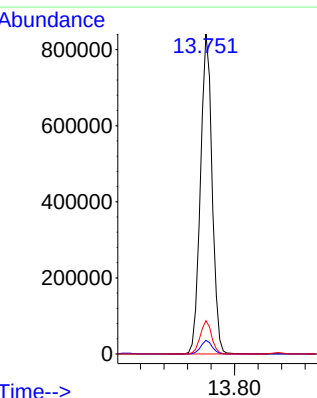
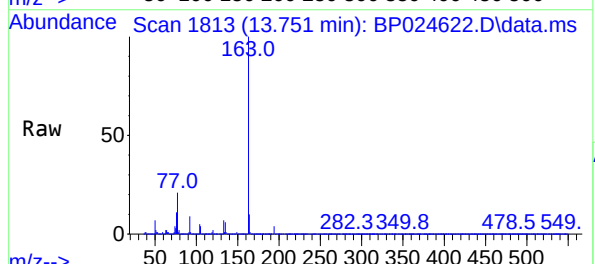
Tgt Ion:163 Resp: 1155211

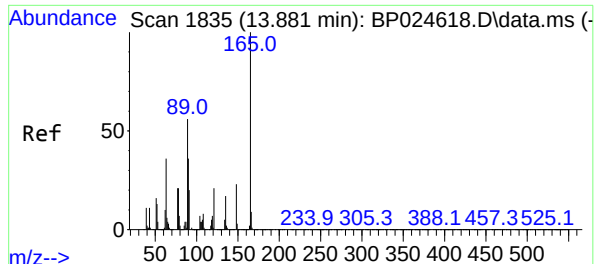
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

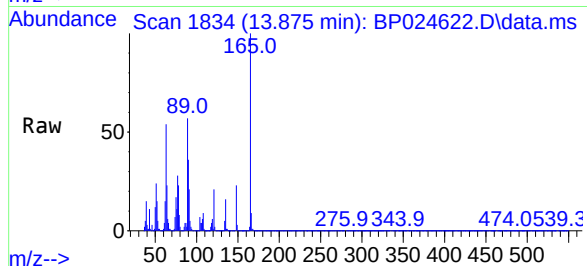
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 39.32 ng
RT: 13.875 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

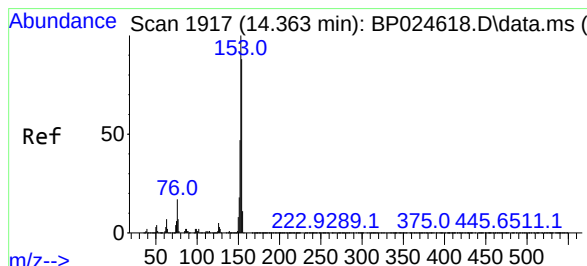
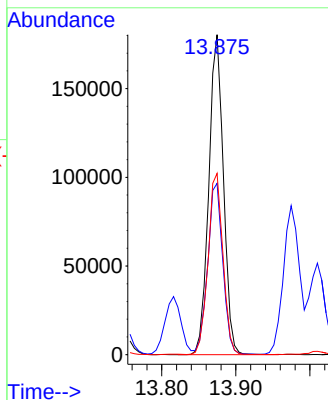
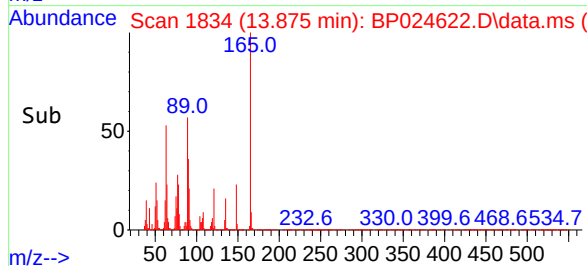
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



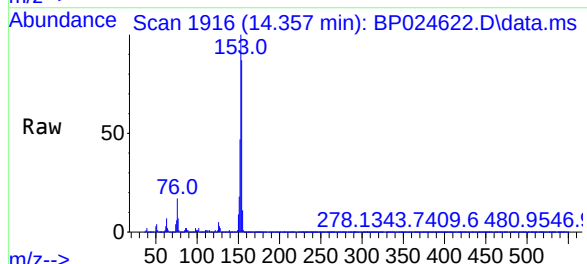
Tgt Ion:165 Resp: 24753
Ion Ratio Lower Upper
165 100
63 53.5 42.4 63.6
89 56.6 44.8 67.2

Manual Integrations
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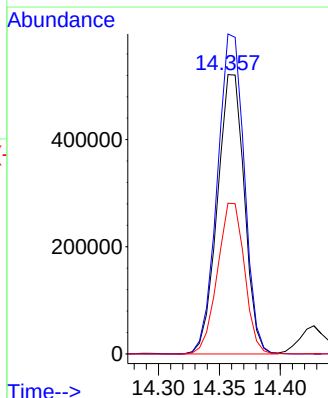
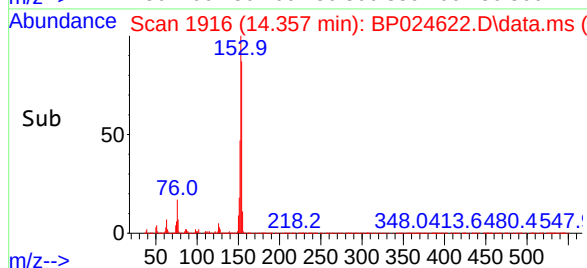
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

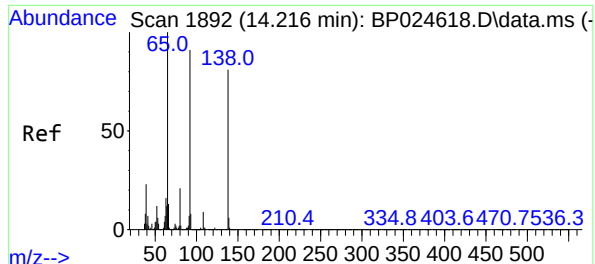


#52
Acenaphthene
Concen: 37.90 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



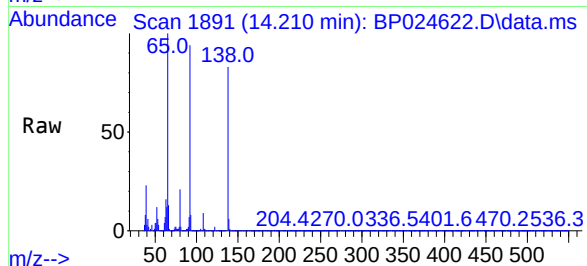
Tgt Ion:154 Resp: 803755
Ion Ratio Lower Upper
154 100
153 114.5 91.0 136.4
152 54.0 42.9 64.3





#53
3-Nitroaniline
Concen: 40.87 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

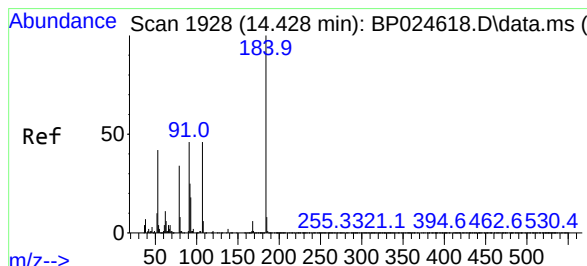
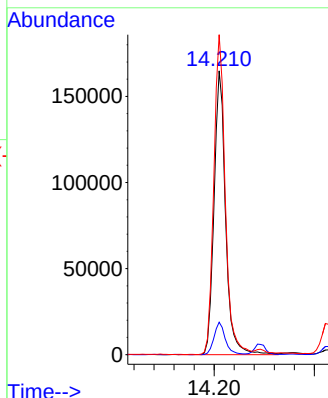
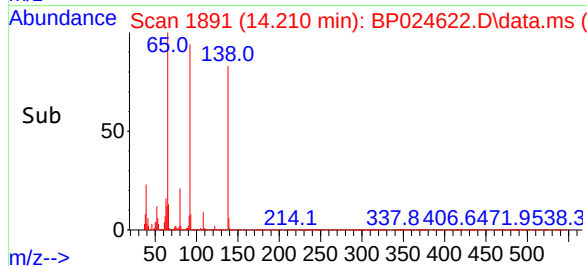
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:138 Resp: 26273
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.4
92 112.7 90.1 135.1

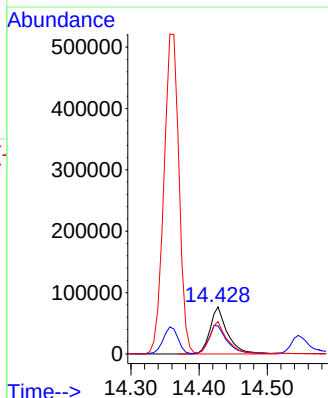
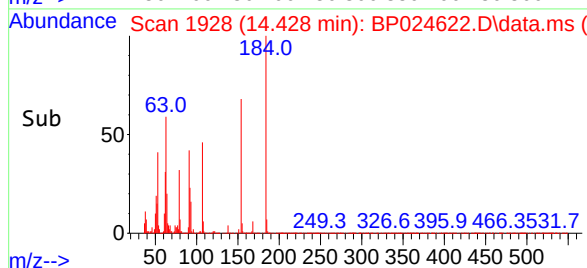
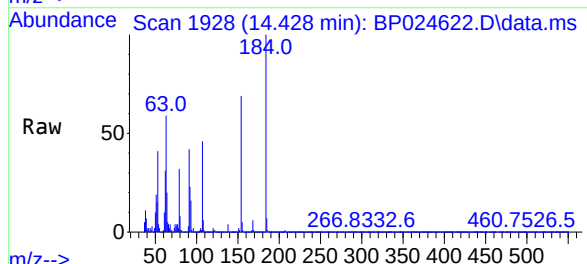
Manual Integrations
APPROVED

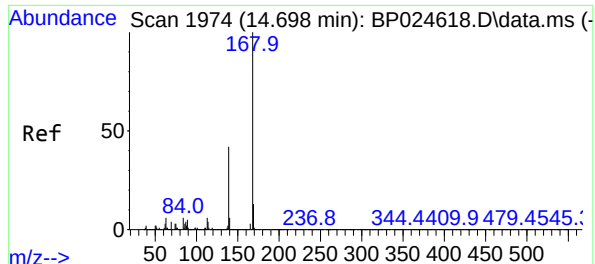
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#54
2,4-Dinitrophenol
Concen: 37.83 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

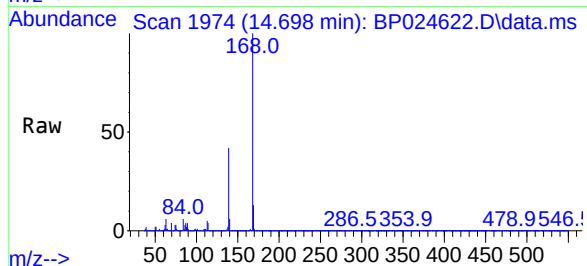
Tgt Ion:184 Resp: 135624
Ion Ratio Lower Upper
184 100
63 59.3 51.3 76.9
154 68.5 53.5 80.3





#55
Dibenzenofuran
Concen: 37.91 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

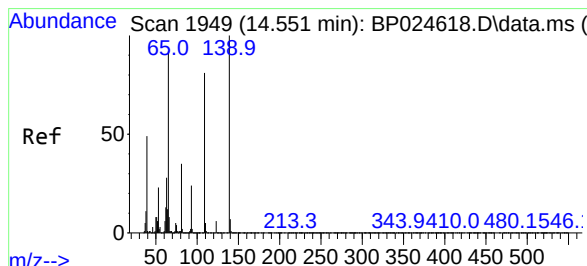
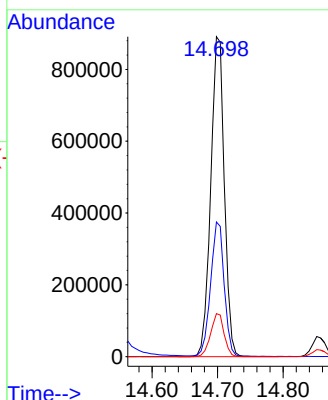
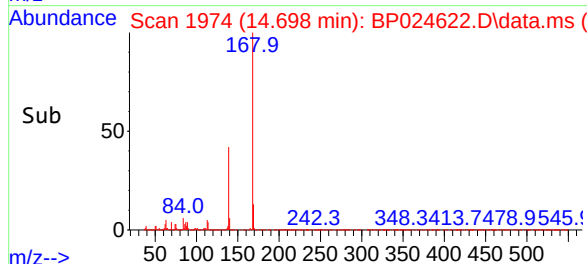
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



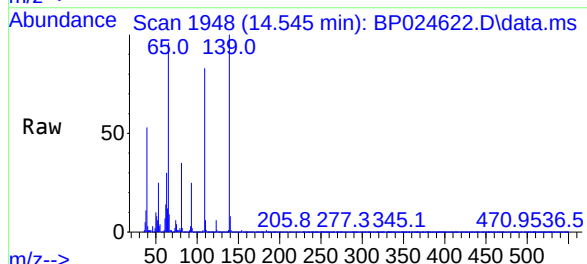
Tgt Ion:168 Resp: 1282228
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.5 10.8 16.2

Manual Integrations
APPROVED

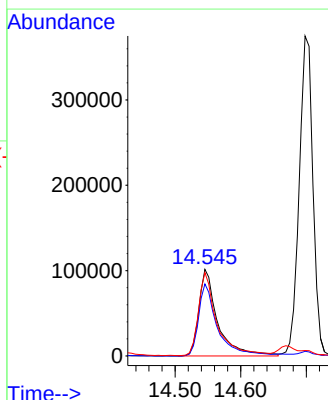
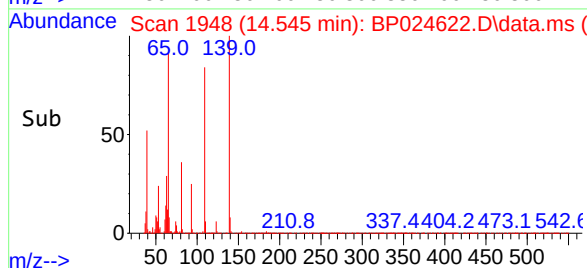
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

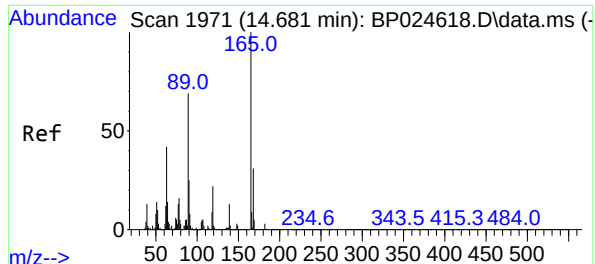


#56
4-Nitrophenol
Concen: 38.70 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



Tgt Ion:139 Resp: 202528
Ion Ratio Lower Upper
139 100
109 83.2 61.4 101.4
65 96.3 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 39.97 ng
RT: 14.675 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

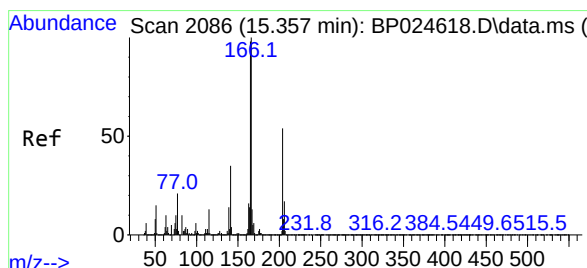
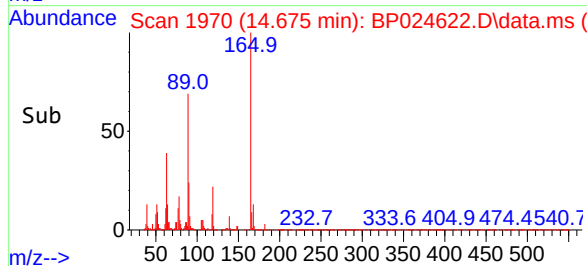
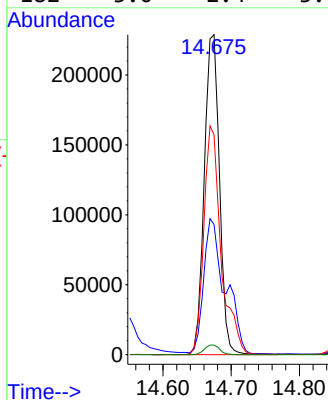
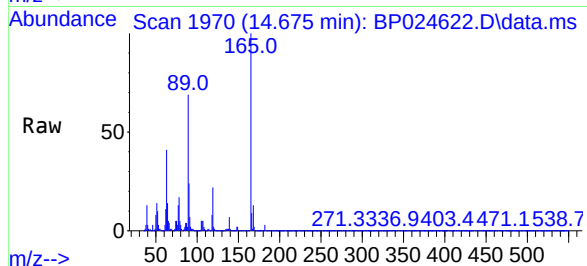
ICVBP051325

Tgt Ion:165 Resp: 35481
Ion Ratio Lower Upper
165 100
63 40.7 33.8 50.6
89 68.7 55.6 83.4
182 3.0 2.4 3.6

Manual Integrations

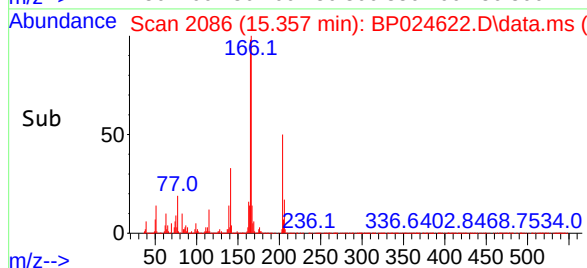
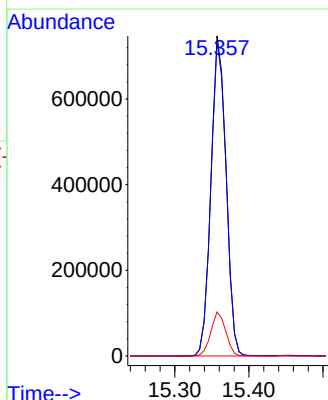
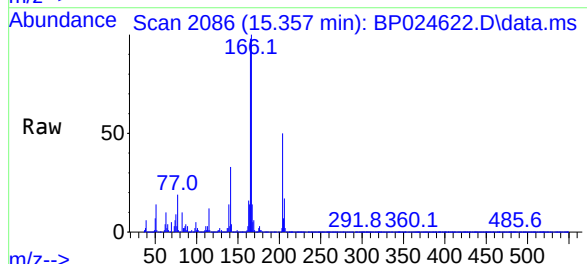
APPROVED

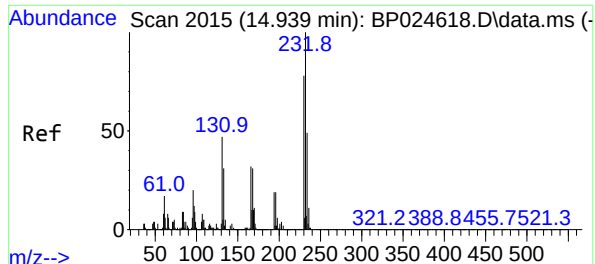
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#58
Fluorene
Concen: 38.42 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

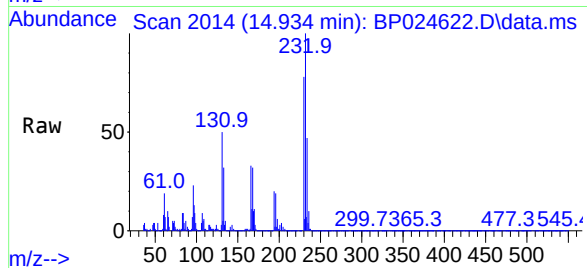
Tgt Ion:166 Resp: 1059642
Ion Ratio Lower Upper
166 100
165 98.2 78.5 117.7
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.27 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

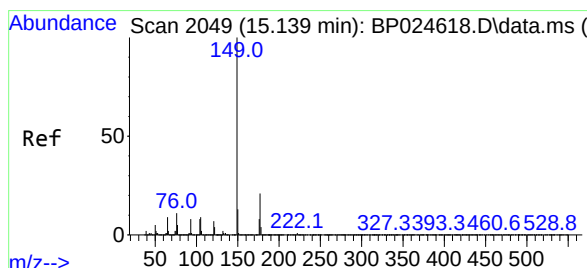
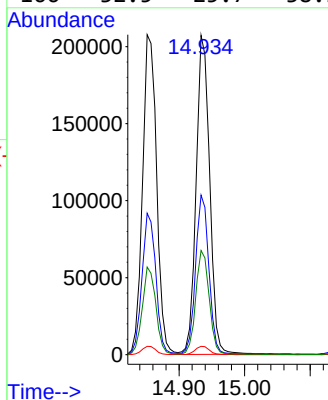
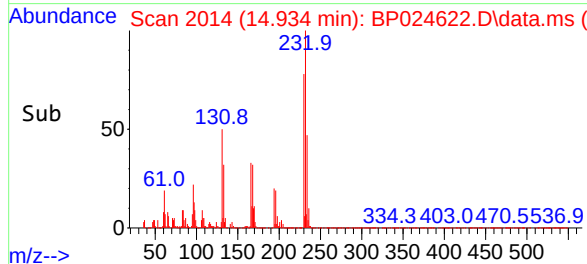
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:232 Resp: 298321
Ion Ratio Lower Upper
232 100
131 48.9 39.5 59.3
130 2.8 2.2 3.4
166 32.5 25.7 38.5

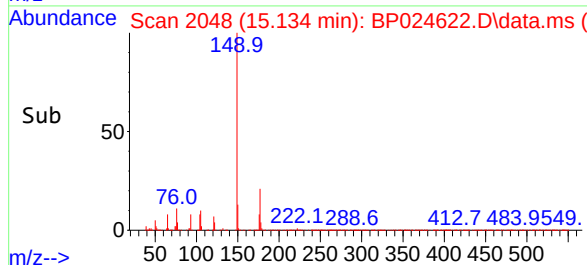
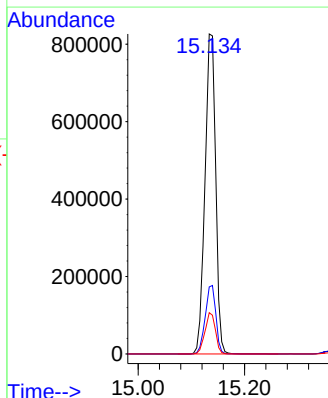
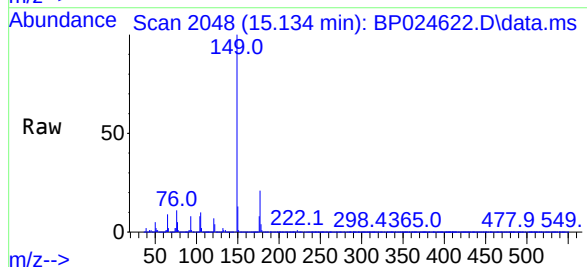
Manual Integrations
APPROVED

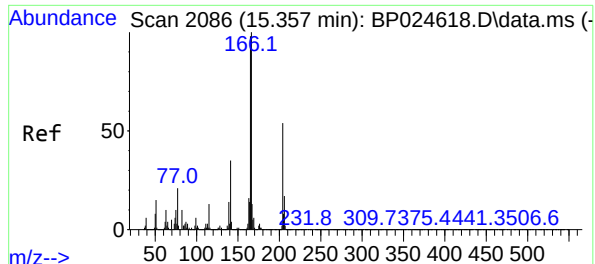
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#60
Diethylphthalate
Concen: 38.17 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1150091
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.9 10.2 15.2





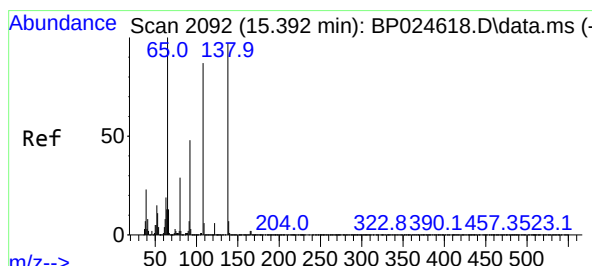
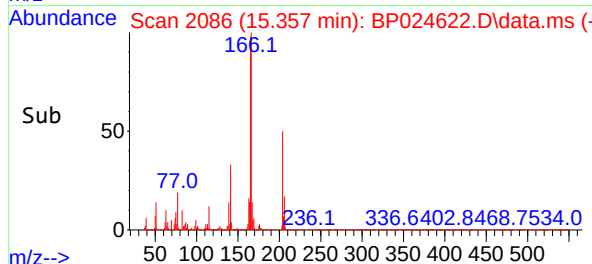
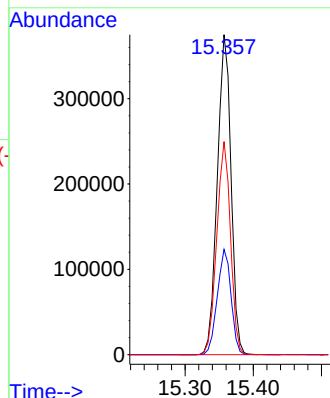
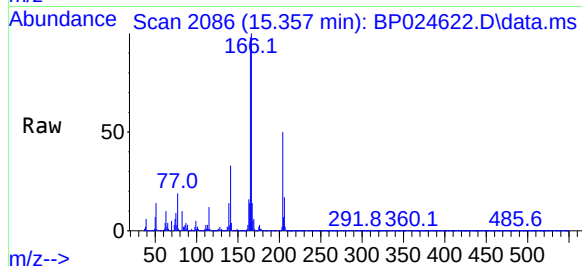
#61
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:204 Resp: 526060
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 66.6 52.9 79.3

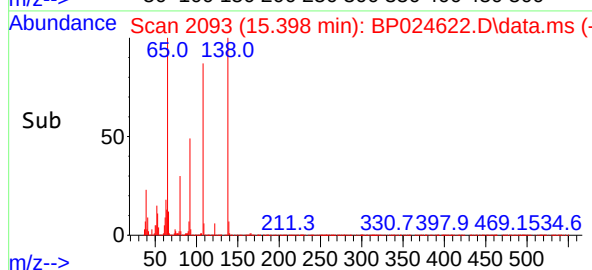
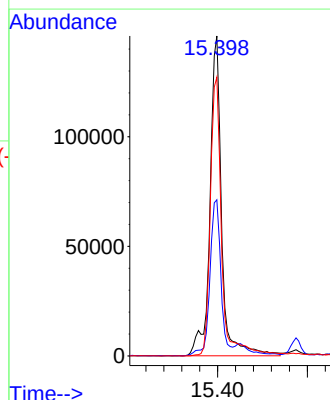
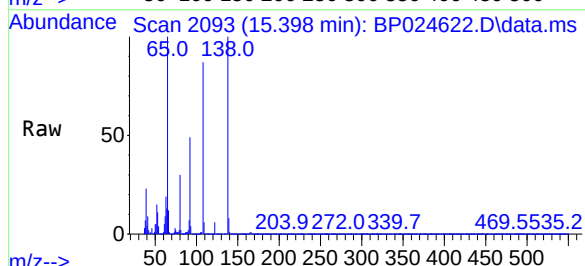
Manual Integrations
APPROVED

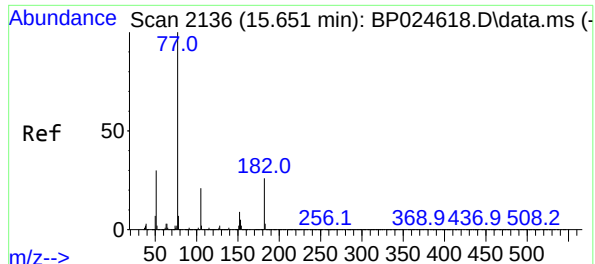
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#62
4-Nitroaniline
Concen: 42.72 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

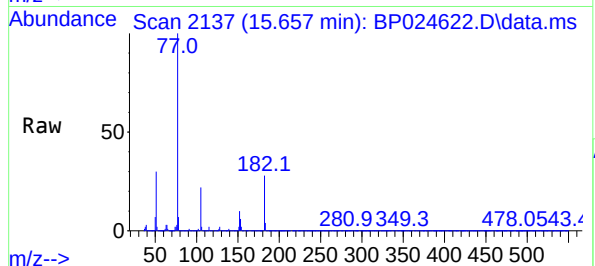
Tgt Ion:138 Resp: 265185
Ion Ratio Lower Upper
138 100
92 48.8 29.2 69.2
108 87.1 69.0 109.0





#63
Azobenzene
Concen: 38.82 ng
RT: 15.657 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

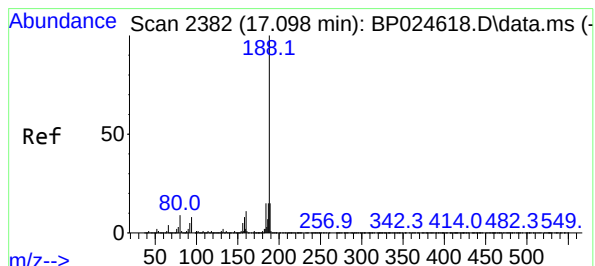
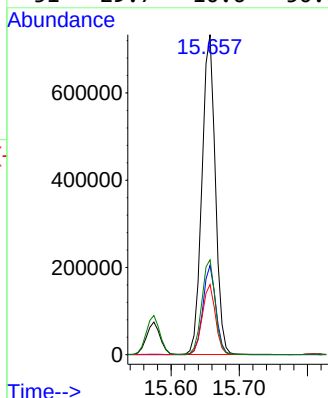
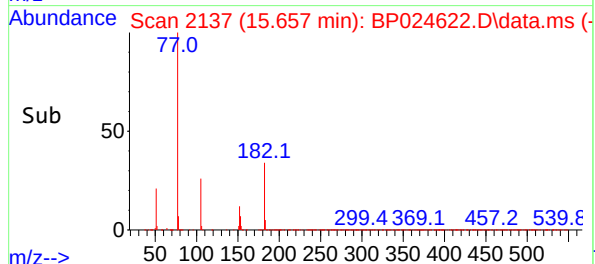
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion: 77 Resp: 100065
Ion Ratio Lower Upper
77 100
182 27.9 5.7 45.7
105 21.9 1.3 41.3
51 29.7 10.6 50.6

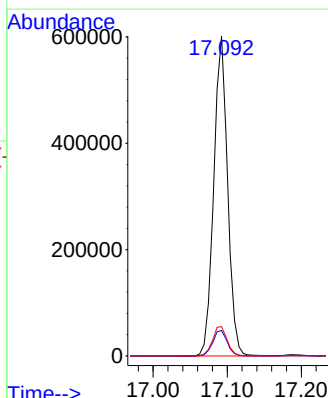
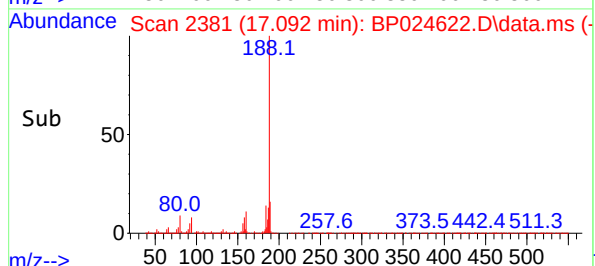
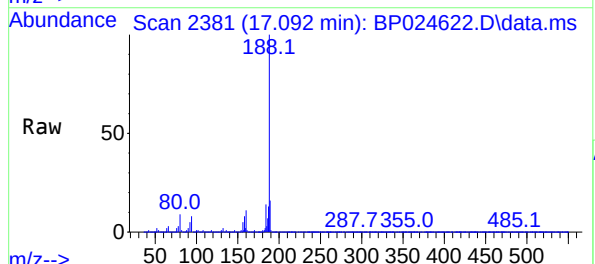
Manual Integrations
APPROVED

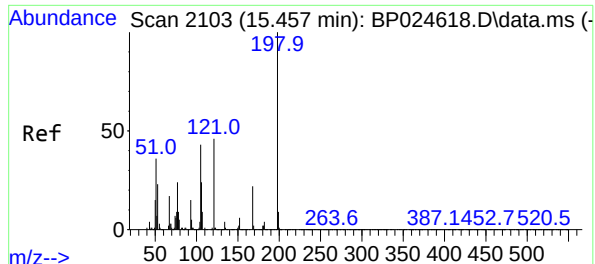
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:188 Resp: 780511
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.2 7.3 10.9





#65

4,6-Dinitro-2-methylphenol

Concen: 40.30 ng

RT: 15.451 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:198 Resp: 203200

Ion Ratio Lower Upper

198 100

51 43.2 21.1 61.1

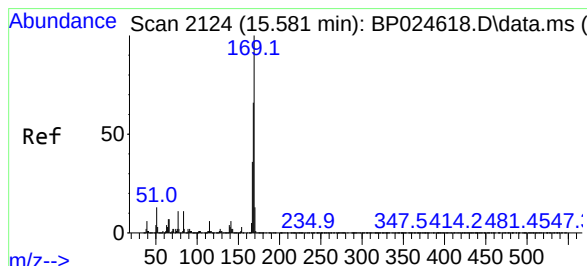
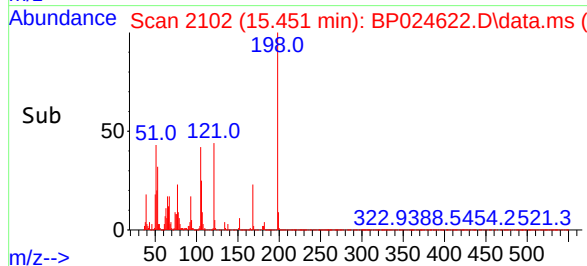
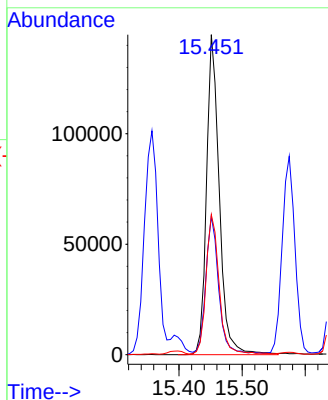
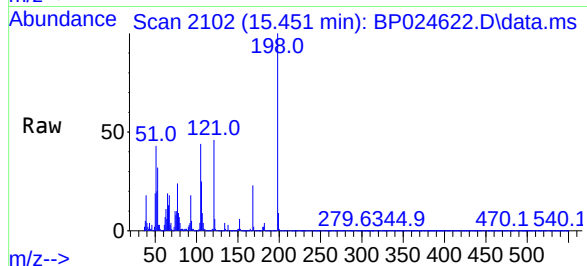
105 43.8 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#66

n-Nitrosodiphenylamine

Concen: 38.38 ng

RT: 15.575 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

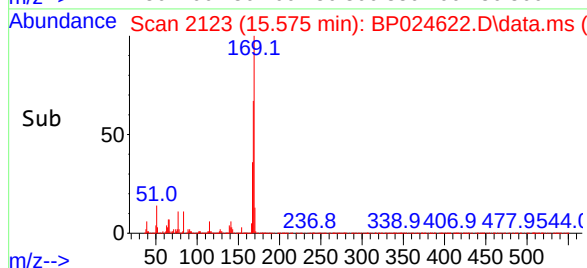
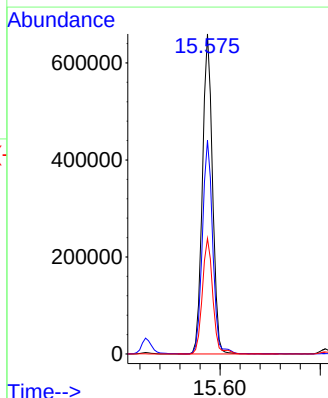
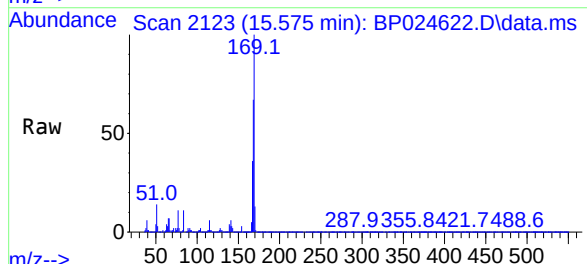
Tgt Ion:169 Resp: 920187

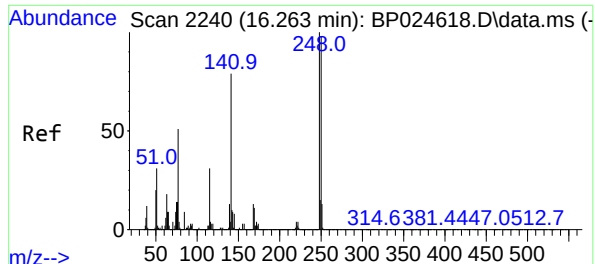
Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

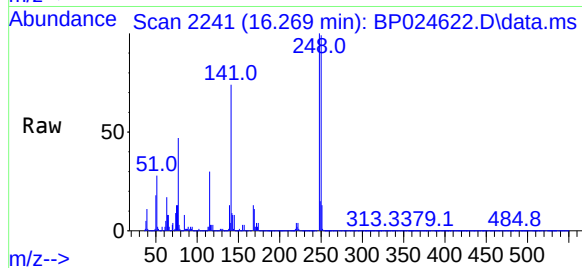
167 36.1 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 38.91 ng
RT: 16.269 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

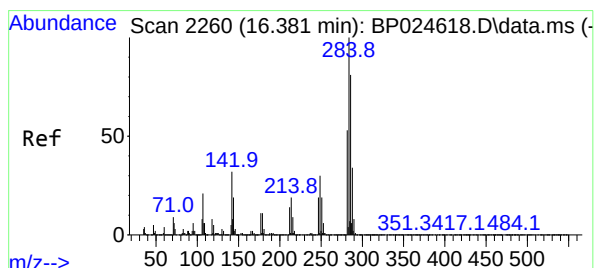
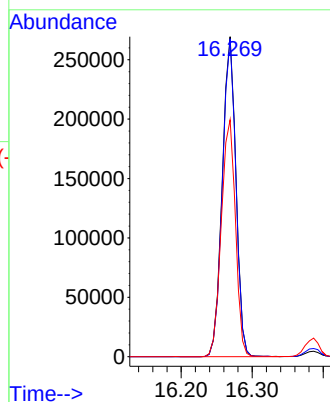
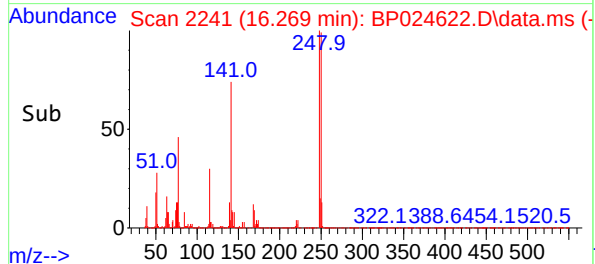
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:248 Resp: 357840
Ion Ratio Lower Upper
248 100
250 99.3 78.2 117.4
141 74.1 63.0 94.6

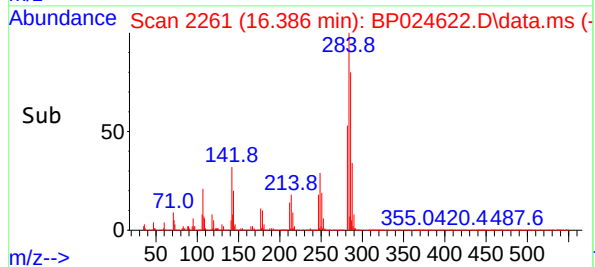
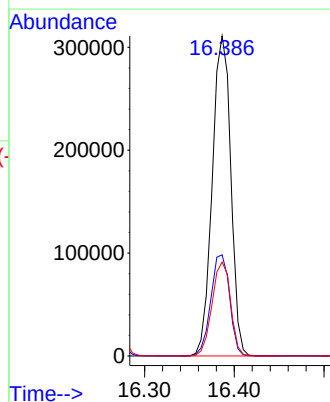
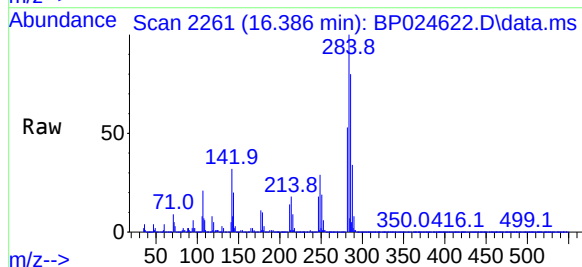
Manual Integrations
APPROVED

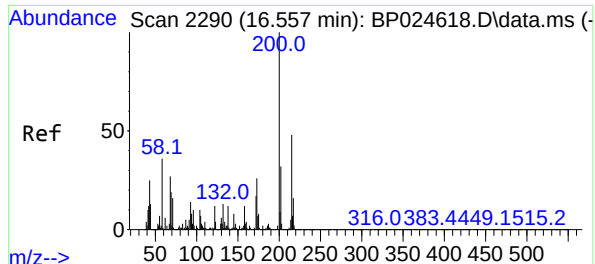
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 38.18 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

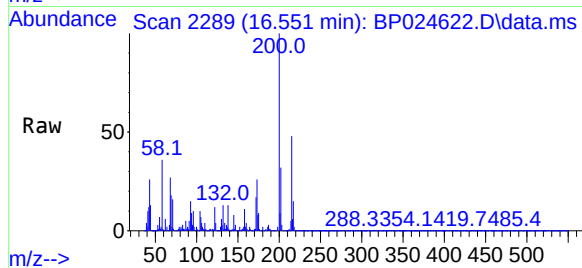
Tgt Ion:284 Resp: 446142
Ion Ratio Lower Upper
284 100
142 31.6 25.9 38.9
249 29.3 24.1 36.1





#69
Atrazine
Concen: 39.57 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

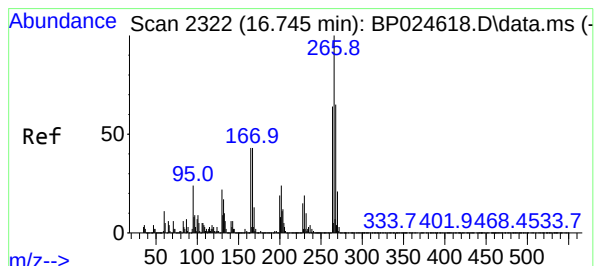
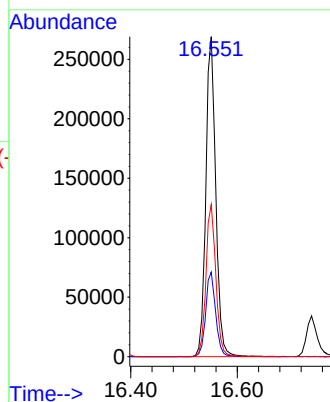
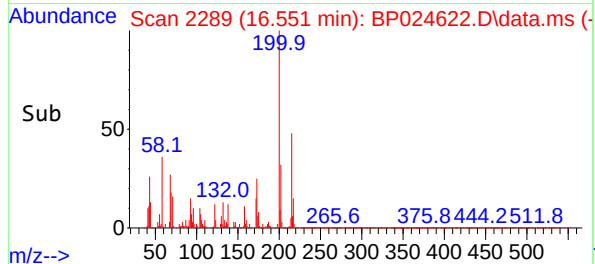
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



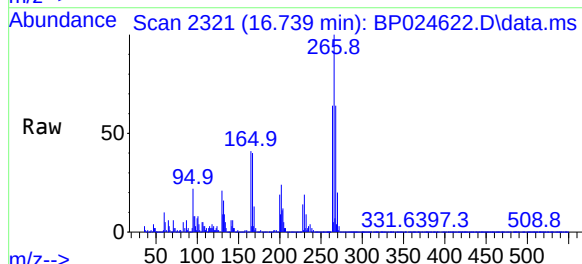
Tgt Ion:200 Resp: 34766
Ion Ratio Lower Upper
200 100
173 26.4 5.9 45.9
215 47.6 28.3 68.3

Manual Integrations
APPROVED

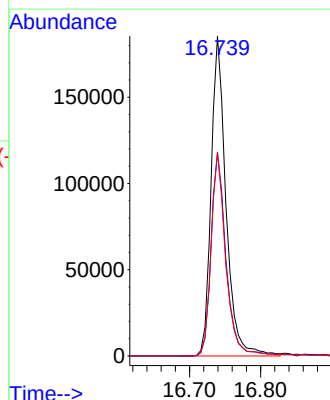
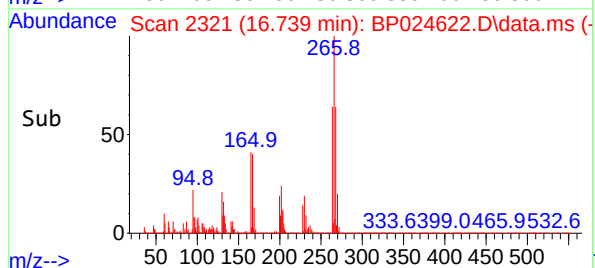
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

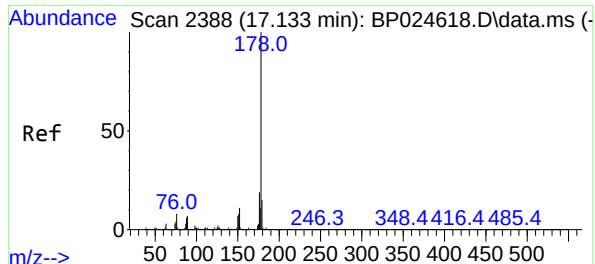


#70
Pentachlorophenol
Concen: 41.12 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



Tgt Ion:266 Resp: 269781
Ion Ratio Lower Upper
266 100
268 63.7 52.2 78.4
264 63.6 51.1 76.7





#71
Phenanthrene
Concen: 37.55 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

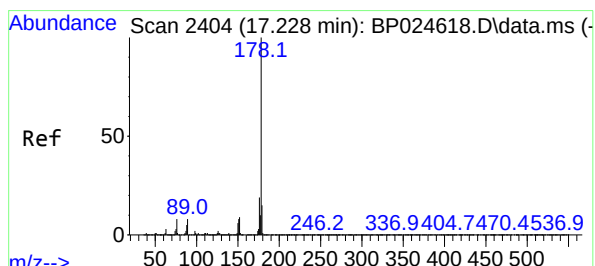
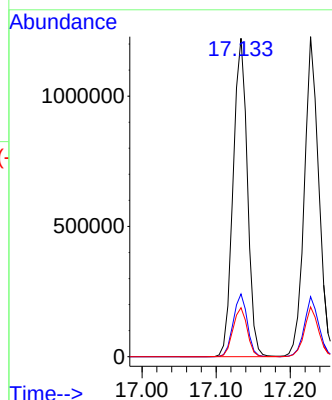
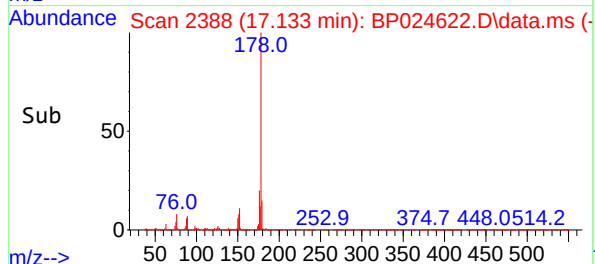
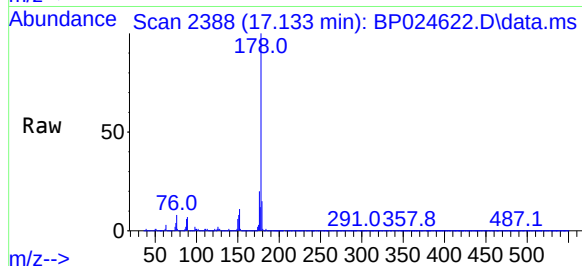
ICVBP051325

Tgt Ion:178 Resp: 1629118
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.4 12.2 18.4

Manual Integrations

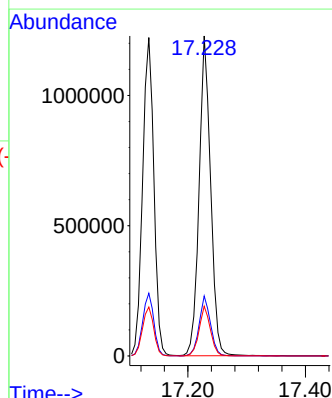
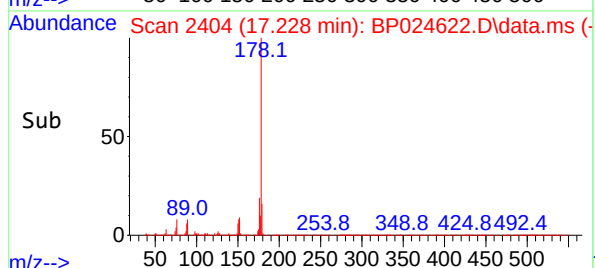
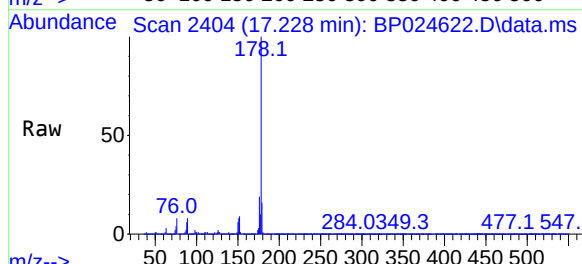
APPROVED

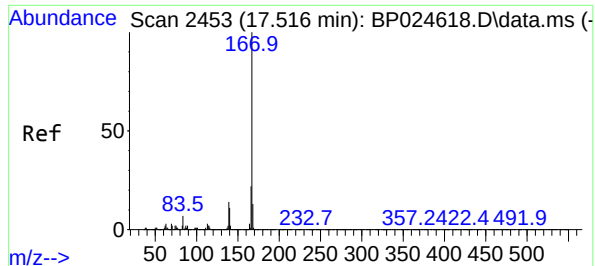
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 38.24 ng
RT: 17.228 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

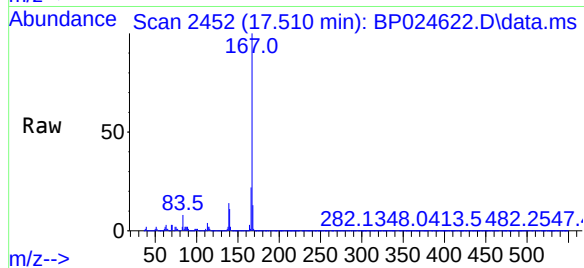
Tgt Ion:178 Resp: 1669395
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.2 18.2





#73
Carbazole
Concen: 39.57 ng
RT: 17.510 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

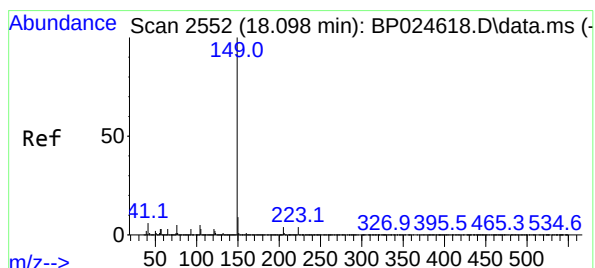
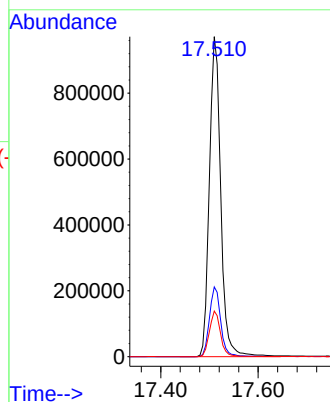
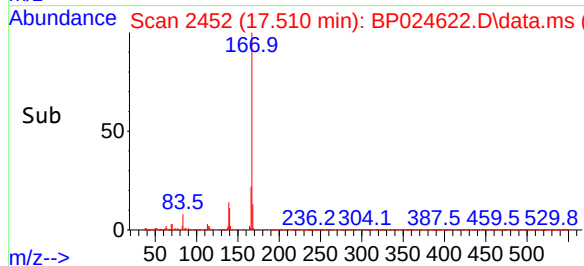
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:167 Resp: 156368
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 14.2 11.3 16.9

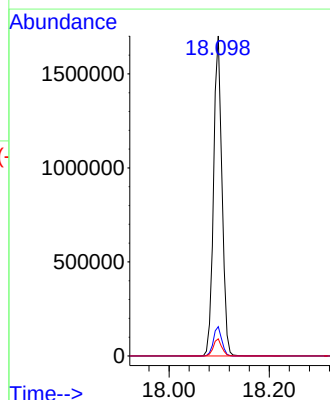
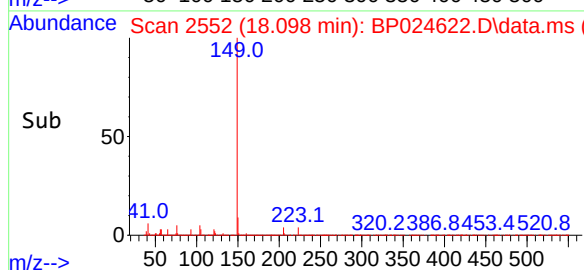
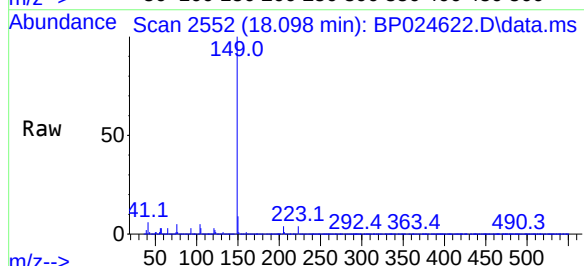
Manual Integrations
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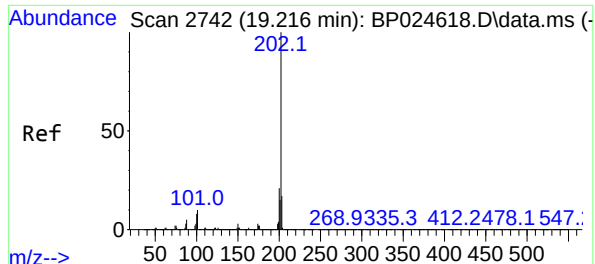
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 38.94 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

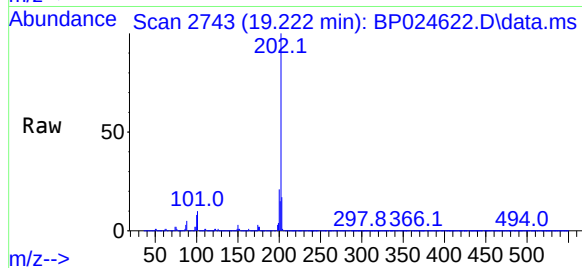
Tgt Ion:149 Resp: 1978741
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 38.57 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

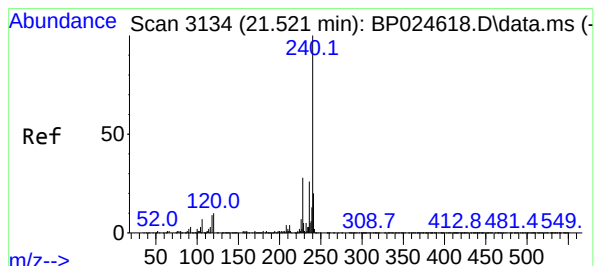
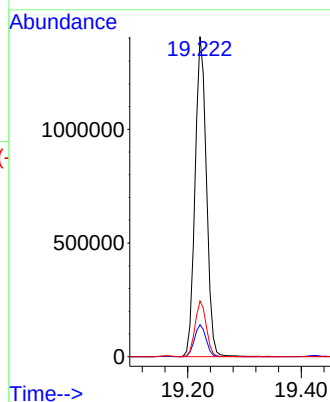
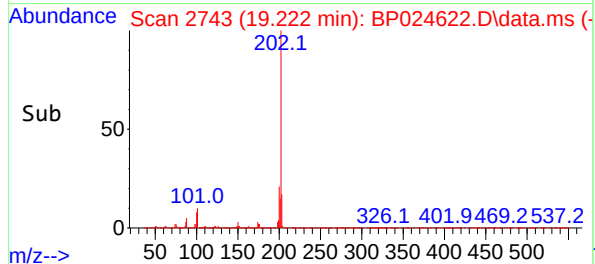
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:202 Resp: 195604
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.3
203 17.4 0.0 37.5

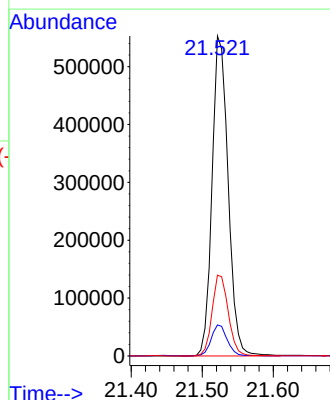
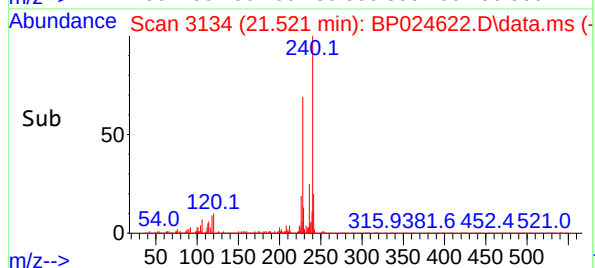
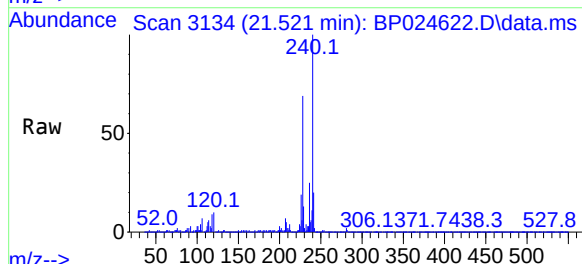
Manual Integrations
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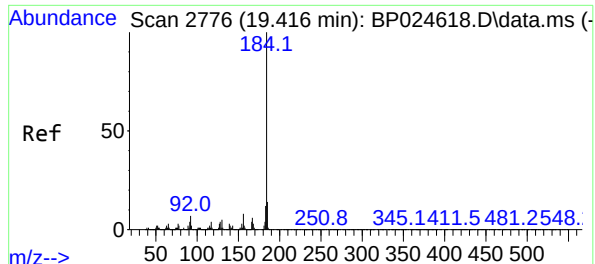
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:240 Resp: 868822
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.2 20.6 31.0





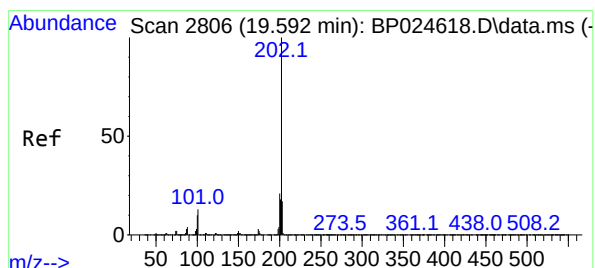
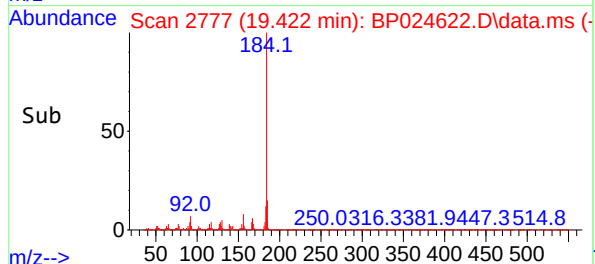
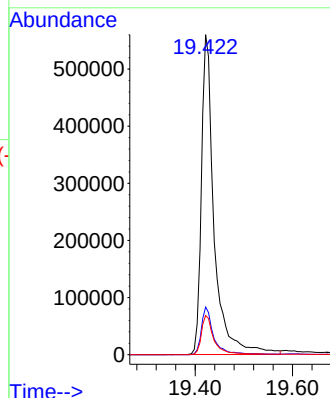
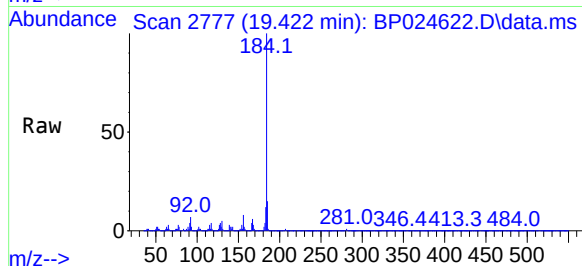
#77
Benzidine
Concen: 43.25 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:184 Resp: 1023514
Ion Ratio Lower Upper
184 100
185 14.9 11.2 16.8
183 12.3 9.8 14.8

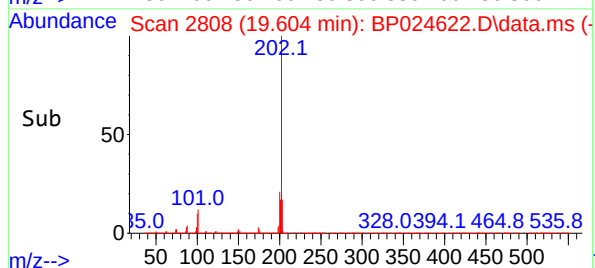
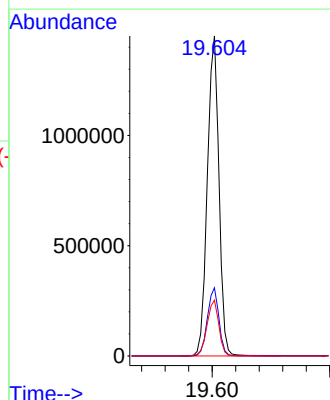
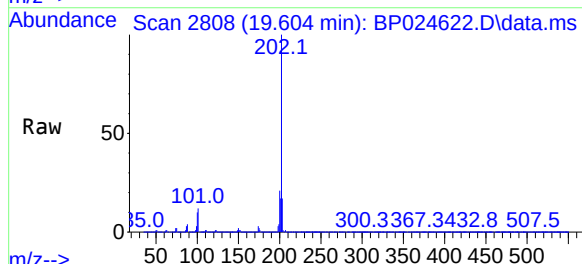
Manual Integrations
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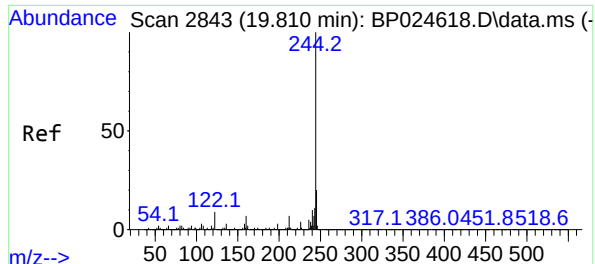
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#78
Pyrene
Concen: 38.28 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

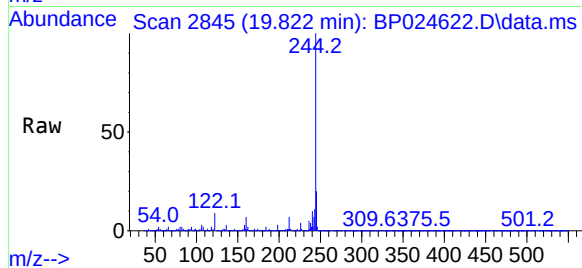
Tgt Ion:202 Resp: 1992845
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.5 13.9 20.9





#79
Terphenyl-d14
Concen: 76.75 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

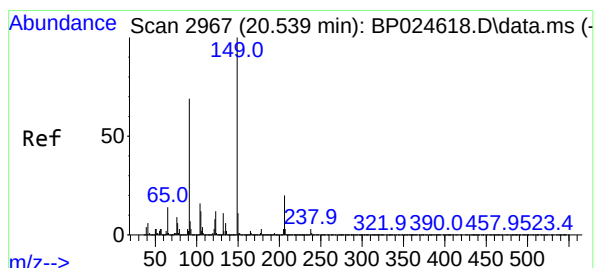
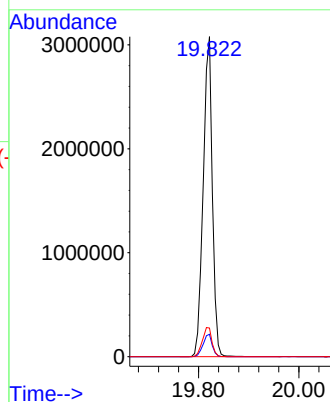
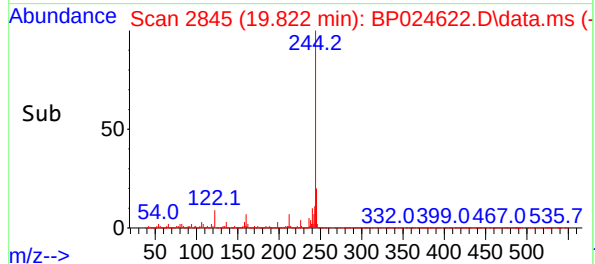
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:244 Resp: 388900
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.0 7.4 11.0

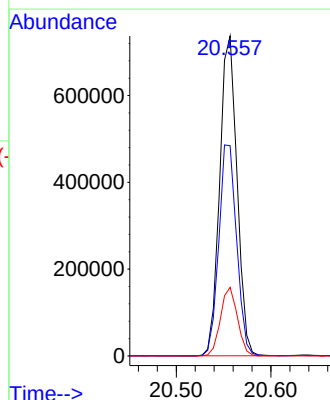
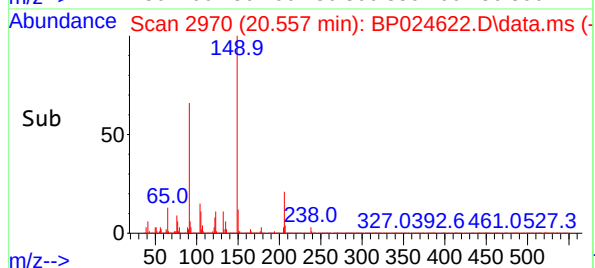
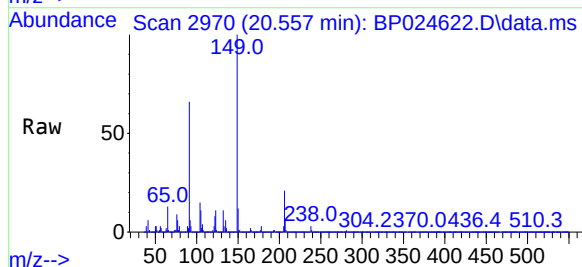
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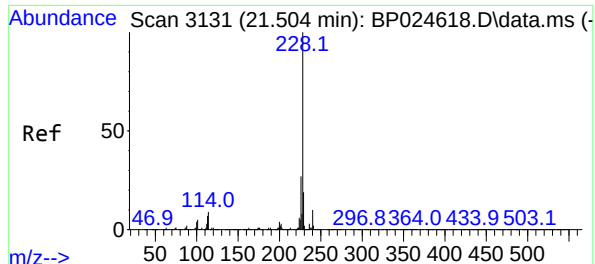
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#80
Butylbenzylphthalate
Concen: 40.52 ng
RT: 20.557 min Scan# 2970
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

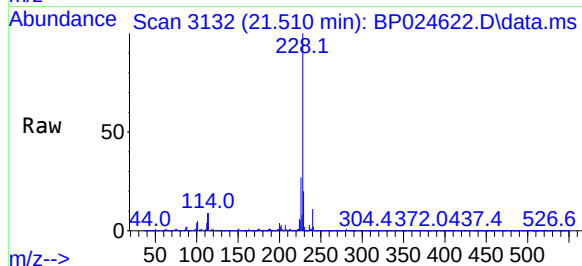
Tgt Ion:149 Resp: 938210
Ion Ratio Lower Upper
149 100
91 65.7 55.4 83.0
206 21.5 16.2 24.2





#81
Benzo(a)anthracene
Concen: 38.89 ng
RT: 21.510 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

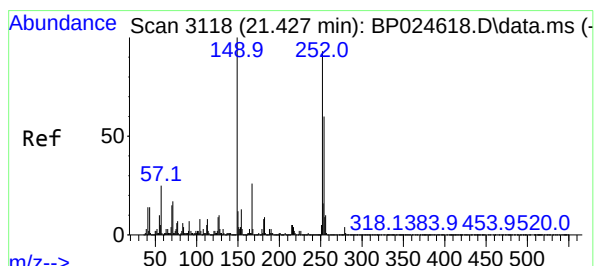
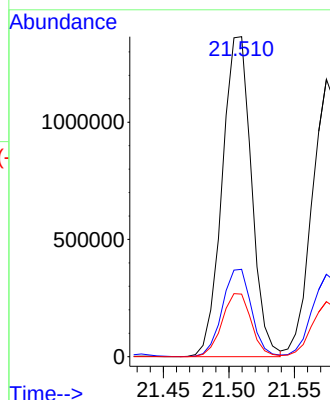
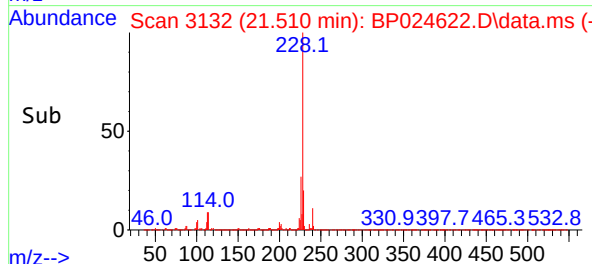
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:228 Resp: 212156
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.6 15.5 23.3

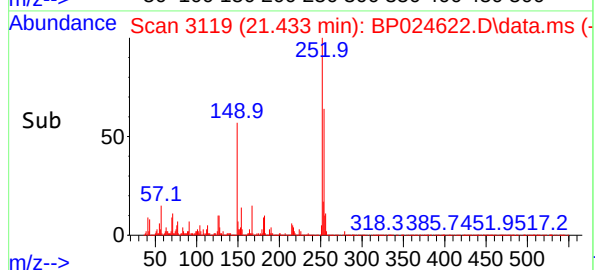
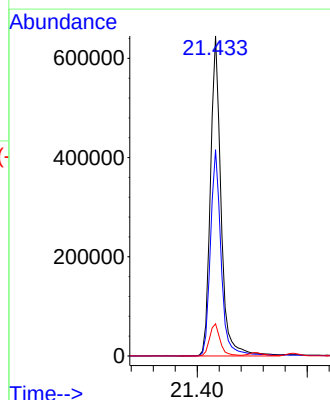
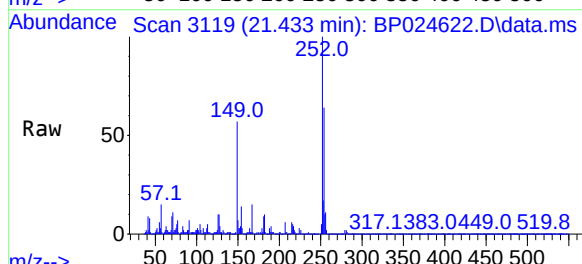
Manual Integrations
APPROVED

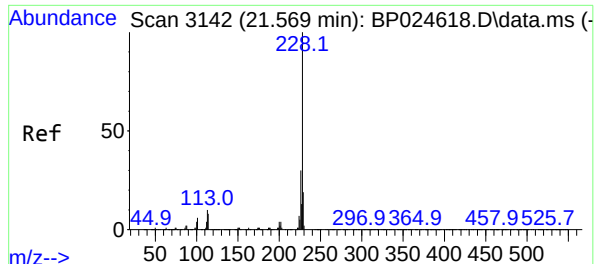
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.51 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

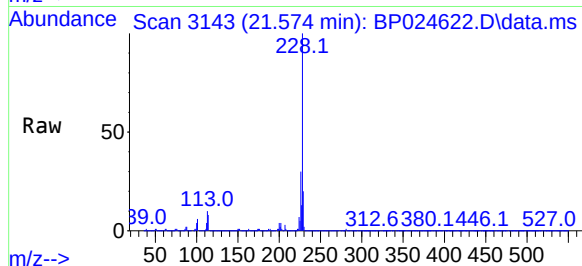
Tgt Ion:252 Resp: 861323
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 10.1 7.7 11.5





#83
Chrysene
Concen: 38.23 ng
RT: 21.574 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

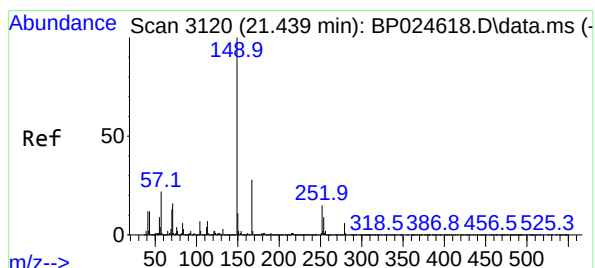
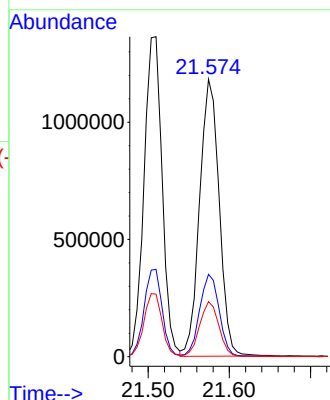
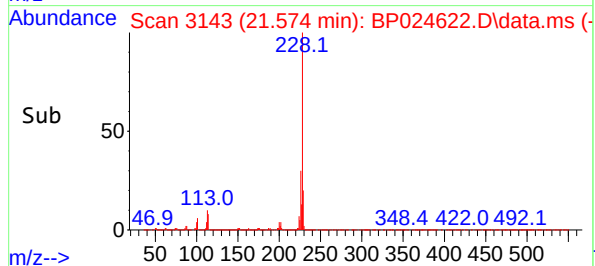
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:228 Resp: 1976940
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 19.9 15.5 23.3

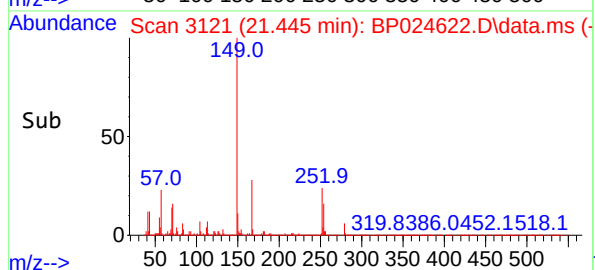
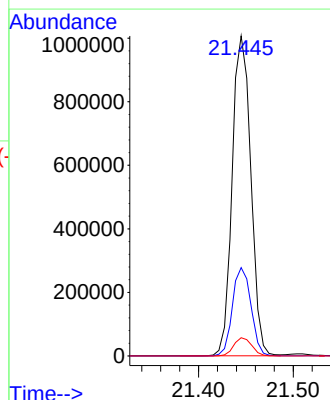
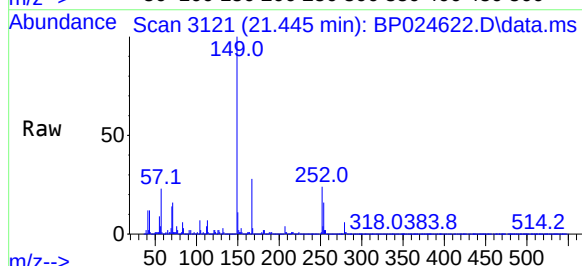
Manual Integrations
APPROVED

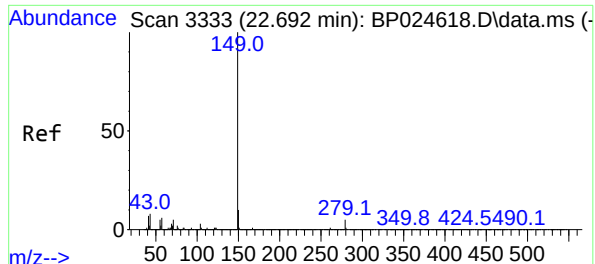
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.43 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

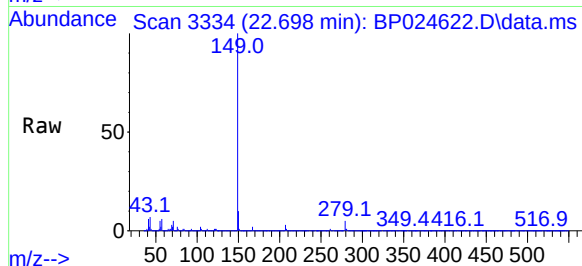
Tgt Ion:149 Resp: 1375919
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.7 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 41.72 ng
RT: 22.698 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

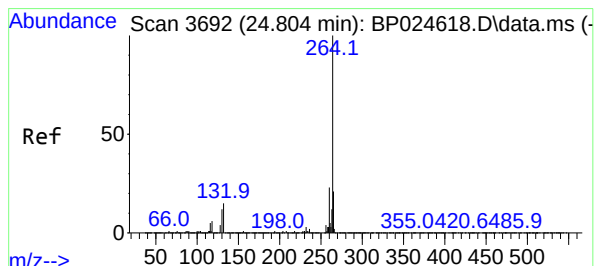
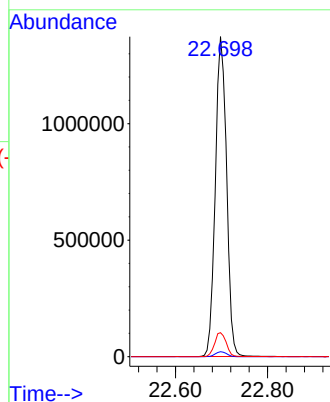
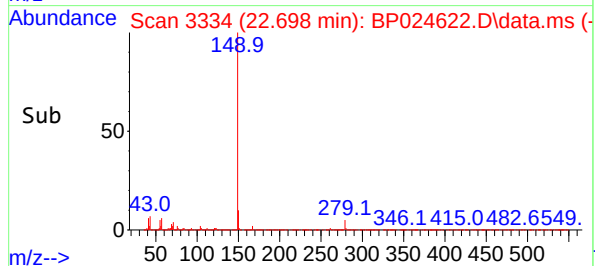
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:149 Resp: 232167
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.8 6.3 9.5

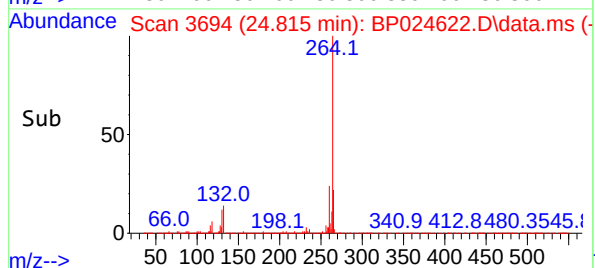
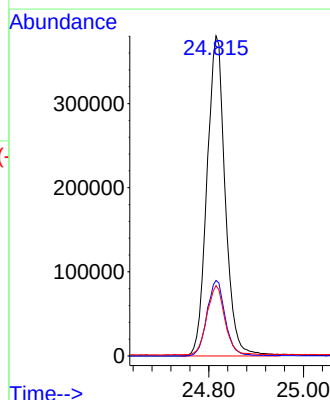
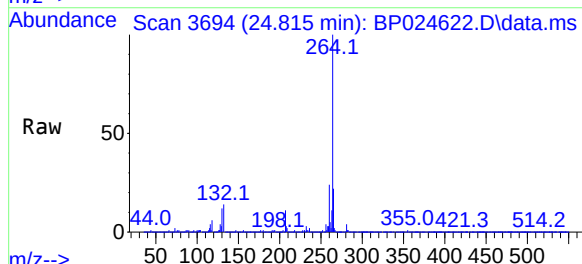
Manual Integrations
APPROVED

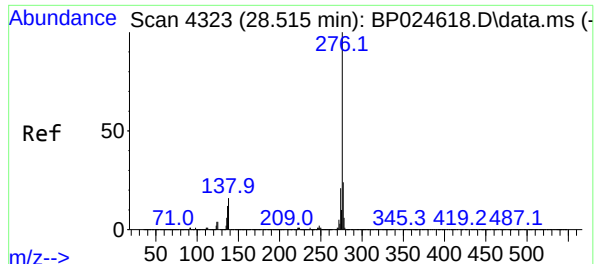
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.815 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

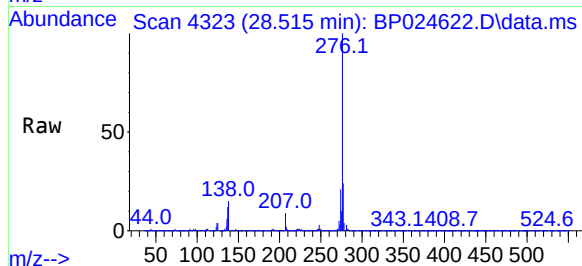
Tgt Ion:264 Resp: 1015341
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.0 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.85 ng m
RT: 28.515 min Scan# 4323
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

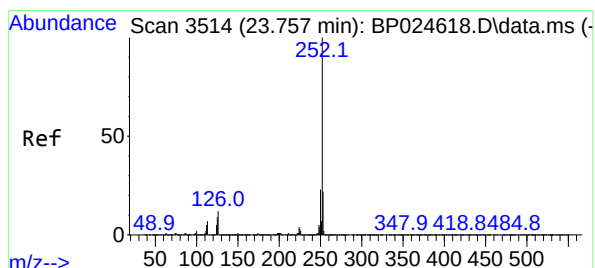
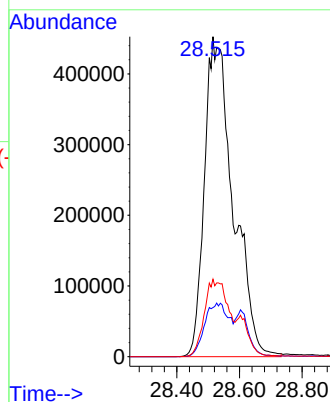
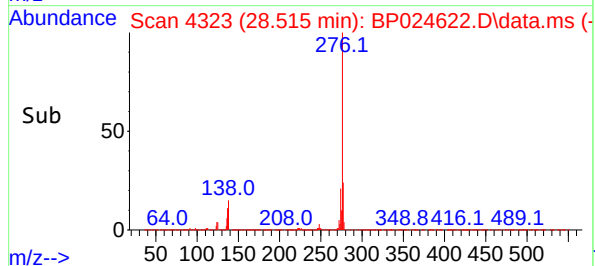
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:276 Resp: 2879864
Ion Ratio Lower Upper
276 100
138 14.2 11.2 16.8
277 10.6 15.7 23.5

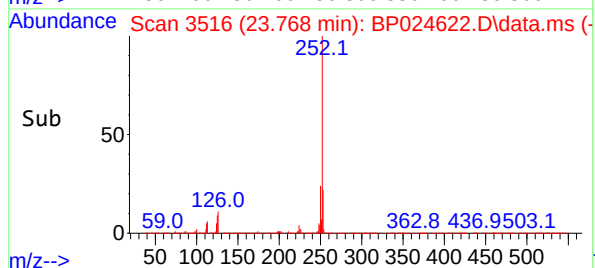
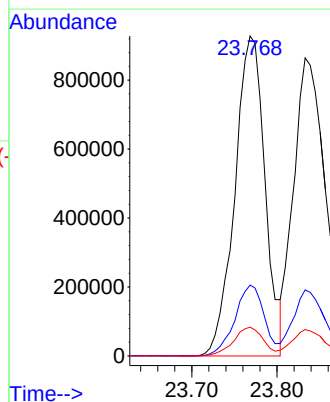
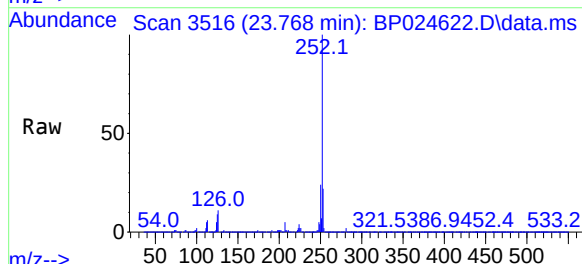
Manual Integrations
APPROVED

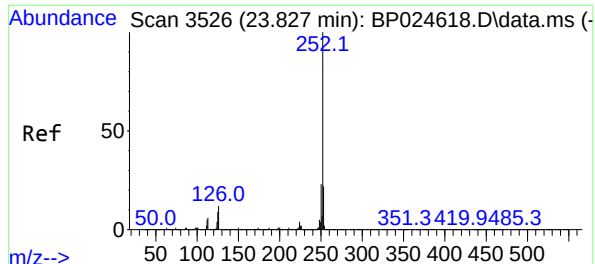
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#88
Benzo(b)fluoranthene
Concen: 39.29 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 2283322
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.0 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 38.22 ng

RT: 23.833 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:252 Resp: 2289000

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

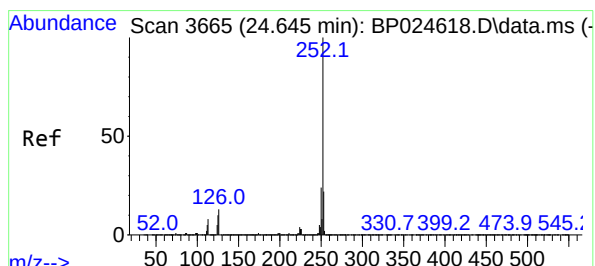
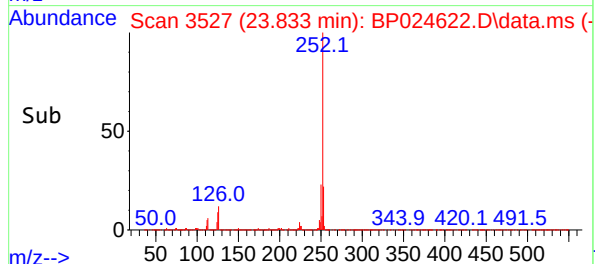
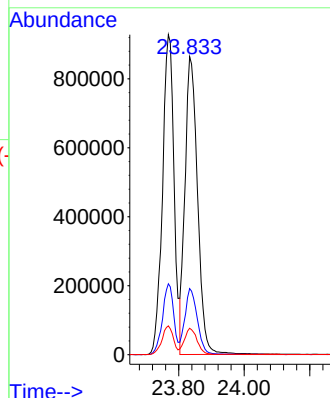
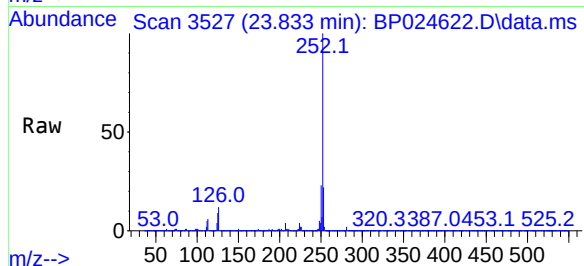
125 8.9 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 39.00 ng

RT: 24.668 min Scan# 3669

Delta R.T. 0.023 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

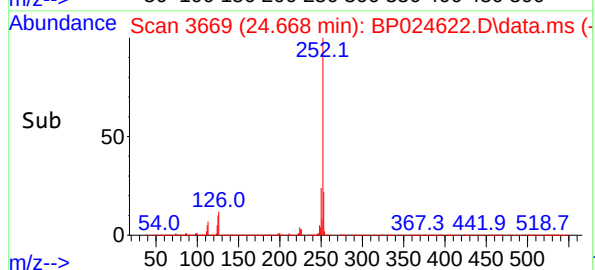
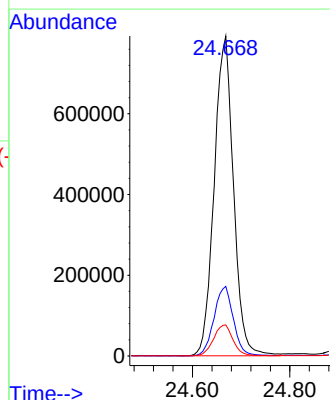
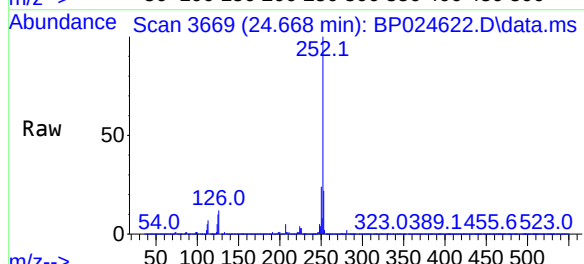
Tgt Ion:252 Resp: 2177020

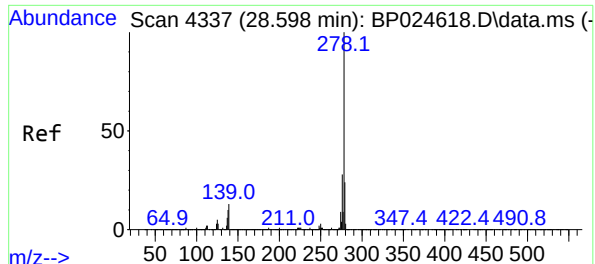
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.7 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 39.38 ng

RT: 28.615 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:278 Resp: 237455

Ion Ratio Lower Upper

278 100

139 12.4 10.2 15.4

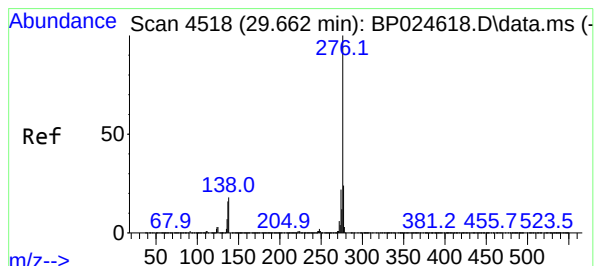
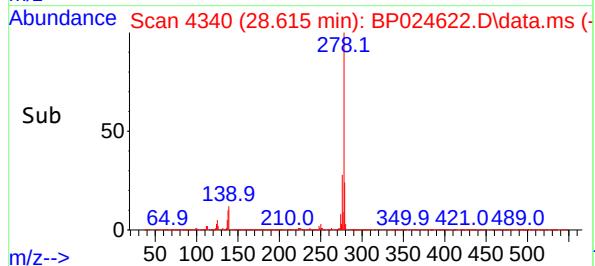
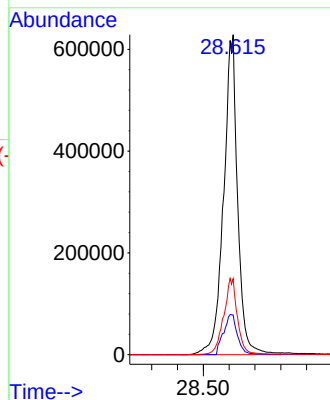
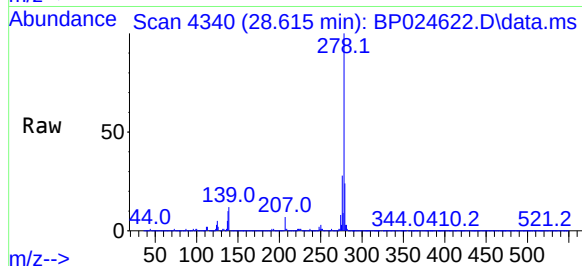
279 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#92

Benzo(g,h,i)perylene

Concen: 38.91 ng

RT: 29.686 min Scan# 4522

Delta R.T. 0.023 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

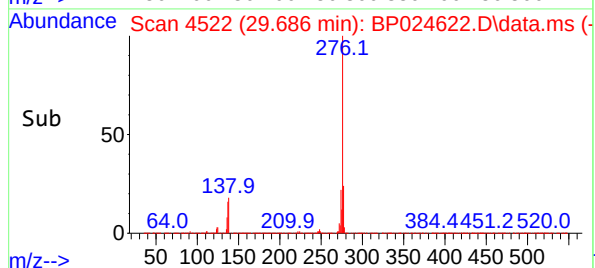
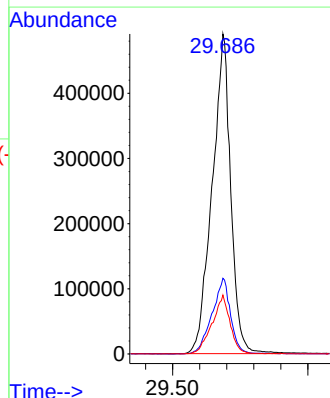
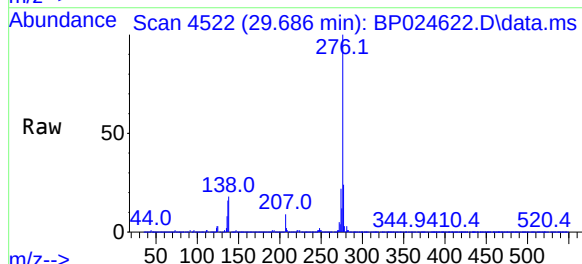
Tgt Ion:276 Resp: 2333151

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 18.4 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 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	119	0.00
2	1,4-Dioxane	0.549	0.505	8.0	119	0.00
3	Pyridine	1.218	1.203	1.2	120	0.00
4	n-Nitrosodimethylamine	0.538	0.510	5.2	118	0.00
5 S	2-Fluorophenol	1.169	1.139	2.6	123	0.00
6	Aniline	1.927	1.889	2.0	118	0.00
7 S	Phenol-d6	1.492	1.475	1.1	120	0.00
8	2-Chlorophenol	1.327	1.306	1.6	120	0.00
9	Benzaldehyde	0.966	0.943	2.4	118	0.00
10 C	Phenol	1.540	1.505	2.3	119	0.00
11	bis(2-Chloroethyl)ether	1.266	1.200	5.2	118	0.00
12	1,3-Dichlorobenzene	1.527	1.447	5.2	120	0.00
13 C	1,4-Dichlorobenzene	1.536	1.456	5.2	118	0.00
14	1,2-Dichlorobenzene	1.497	1.418	5.3	119	0.00
15	Benzyl Alcohol	1.134	1.149	-1.3	119	0.00
16	2,2'-oxybis(1-Chloropropane	1.516	1.441	4.9	117	0.00
17	2-Methylphenol	1.105	1.094	1.0	119	0.00
18	Hexachloroethane	0.589	0.548	7.0	119	0.00
19 P	n-Nitroso-di-n-propylamine	1.032	1.011	2.0	115	0.00
20	3+4-Methylphenols	1.503	1.486	1.1	117	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
22	Acetophenone	0.500	0.480	4.0	115	0.00
23 S	Nitrobenzene-d5	0.396	0.387	2.3	116	0.00
24	Nitrobenzene	0.348	0.335	3.7	115	0.00
25	Isophorone	0.687	0.661	3.8	113	0.00
26 C	2-Nitrophenol	0.171	0.175	-2.3	118	0.00
27	2,4-Dimethylphenol	0.301	0.297	1.3	115	0.00
28	bis(2-Chloroethoxy)methane	0.410	0.397	3.2	115	0.00
29 C	2,4-Dichlorophenol	0.292	0.293	-0.3	116	0.00
30	1,2,4-Trichlorobenzene	0.329	0.313	4.9	118	0.00
31	Naphthalene	1.036	0.986	4.8	116	0.00
32	Benzoic acid	0.181	0.180	0.6	108	0.00
33	4-Chloroaniline	0.418	0.422	-1.0	116	0.00
34 C	Hexachlorobutadiene	0.213	0.198	7.0	115	0.00
35	Caprolactam	0.106	0.105	0.9	110	0.00
36 C	4-Chloro-3-methylphenol	0.356	0.347	2.5	112	0.00
37	2-Methylnaphthalene	0.671	0.635	5.4	114	0.00
38	1-Methylnaphthalene	0.718	0.670	6.7	112	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	108	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.581	0.568	2.2	112	0.00
41 P	Hexachlorocyclopentadiene	0.352	0.391	-11.1	118	0.00
42 S	2,4,6-Tribromophenol	0.339	0.333	1.8	111	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.391	-4.0	114	0.00
44	2,4,5-Trichlorophenol	0.419	0.430	-2.6	115	0.00
45 S	2-Fluorobiphenyl	1.527	1.464	4.1	110	0.00
46	1,1'-Biphenyl	1.478	1.438	2.7	112	0.00
47	2-Chloronaphthalene	1.127	1.106	1.9	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 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	0.334	0.339	-1.5	109	0.00
49	Acenaphthylene	1.886	1.815	3.8	109	0.00
50	Dimethylphthalate	1.524	1.477	3.1	110	0.00
51	2,6-Dinitrotoluene	0.322	0.316	1.9	109	0.00
52 C	Acenaphthene	1.084	1.028	5.2	108	0.00
53	3-Nitroaniline	0.329	0.336	-2.1	107	0.00
54 P	2,4-Dinitrophenol	0.169	0.173	-2.4	109	0.00
55	Dibenzofuran	1.730	1.639	5.3	108	0.00
56 P	4-Nitrophenol	0.250	0.259	-3.6	109	0.00
57	2,4-Dinitrotoluene	0.454	0.454	0.0	108	0.00
58	Fluorene	1.410	1.355	3.9	109	0.00
59	2,3,4,6-Tetrachlorophenol	0.388	0.381	1.8	109	0.00
60	Diethylphthalate	1.541	1.470	4.6	110	0.00
61	4-Chlorophenyl-phenylether	0.703	0.673	4.3	111	0.00
62	4-Nitroaniline	0.317	0.339	-6.9	111	0.00
63	Azobenzene	1.318	1.279	3.0	110	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
65	4,6-Dinitro-2-methylphenol	0.129	0.130	-0.8	110	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.589	4.1	108	0.00
67	4-Bromophenyl-phenylether	0.236	0.229	3.0	111	0.00
68	Hexachlorobenzene	0.299	0.286	4.3	110	0.00
69	Atrazine	0.225	0.223	0.9	111	0.00
70 C	Pentachlorophenol	0.168	0.173	-3.0	109	0.00
71	Phenanthrene	1.112	1.044	6.1	108	0.00
72	Anthracene	1.119	1.069	4.5	108	0.00
73	Carbazole	1.012	1.002	1.0	109	0.00
74	Di-n-butylphthalate	1.302	1.268	2.6	109	0.00
75 C	Fluoranthene	1.300	1.253	3.6	109	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77	Benzydine	0.545	0.589	-8.1	113	0.00
78	Pyrene	1.198	1.147	4.3	107	0.01
79 S	Terphenyl-d14	1.166	1.119	4.0	107	0.01
80	Butylbenzylphthalate	0.533	0.540	-1.3	110	0.02
81	Benzo(a)anthracene	1.256	1.221	2.8	108	0.00
82	3,3'-Dichlorobenzidine	0.466	0.496	-6.4	111	0.00
83	Chrysene	1.190	1.138	4.4	108	0.00
84	Bis(2-ethylhexyl)phthalate	0.783	0.792	-1.1	111	0.00
85 c	Di-n-octyl phthalate	1.281	1.336	-4.3	112	0.00
86 I	Perylene-d12	1.000	1.000	0.0	109	0.01
87	Indeno(1,2,3-cd)pyrene	1.460	1.418	2.9	109	0.00
88	Benzo(b)fluoranthene	1.145	1.124	1.8	111	0.01
89	Benzo(k)fluoranthene	1.180	1.127	4.5	108	0.00
90 C	Benzo(a)pyrene	1.099	1.072	2.5	110	0.02
91	Dibenzo(a,h)anthracene	1.188	1.169	1.6	109	0.02
92	Benzo(g,h,i)perylene	1.181	1.149	2.7	109	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
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Instrument :
 BNA_P
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 ICVBP051325

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 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	119	0.00
2	1,4-Dioxane	40.000	36.789	8.0	119	0.00
3	Pyridine	40.000	39.526	1.2	120	0.00
4	n-Nitrosodimethylamine	40.000	37.979	5.1	118	0.00
5 S	2-Fluorophenol	80.000	77.955	2.6	123	0.00
6	Aniline	40.000	39.210	2.0	118	0.00
7 S	Phenol-d6	80.000	79.089	1.1	120	0.00
8	2-Chlorophenol	40.000	39.367	1.6	120	0.00
9	Benzaldehyde	40.000	39.033	2.4	118	0.00
10 C	Phenol	40.000	39.089	2.3	119	0.00
11	bis(2-Chloroethyl)ether	40.000	37.938	5.2	118	0.00
12	1,3-Dichlorobenzene	40.000	37.893	5.3	120	0.00
13 C	1,4-Dichlorobenzene	40.000	37.904	5.2	118	0.00
14	1,2-Dichlorobenzene	40.000	37.896	5.3	119	0.00
15	Benzyl Alcohol	40.000	40.541	-1.4	119	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.037	4.9	117	0.00
17	2-Methylphenol	40.000	39.618	1.0	119	0.00
18	Hexachloroethane	40.000	37.211	7.0	119	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.165	2.1	115	0.00
20	3+4-Methylphenols	40.000	39.562	1.1	117	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	115	0.00
22	Acetophenone	40.000	38.468	3.8	115	0.00
23 S	Nitrobenzene-d5	80.000	78.227	2.2	116	0.00
24	Nitrobenzene	40.000	38.505	3.7	115	0.00
25	Isophorone	40.000	38.491	3.8	113	0.00
26 C	2-Nitrophenol	40.000	41.121	-2.8	118	0.00
27	2,4-Dimethylphenol	40.000	39.484	1.3	115	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.714	3.2	115	0.00
29 C	2,4-Dichlorophenol	40.000	40.189	-0.5	116	0.00
30	1,2,4-Trichlorobenzene	40.000	38.109	4.7	118	0.00
31	Naphthalene	40.000	38.069	4.8	116	0.00
32	Benzoic acid	40.000	36.464	8.8	108	0.00
33	4-Chloroaniline	40.000	40.368	-0.9	116	0.00
34 C	Hexachlorobutadiene	40.000	37.285	6.8	115	0.00
35	Caprolactam	40.000	39.752	0.6	110	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.013	2.5	112	0.00
37	2-Methylnaphthalene	40.000	37.852	5.4	114	0.00
38	1-Methylnaphthalene	40.000	37.339	6.7	112	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	108	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	39.130	2.2	112	0.00
41 P	Hexachlorocyclopentadiene	40.000	44.371	-10.9	118	0.00
42 S	2,4,6-Tribromophenol	80.000	78.525	1.8	111	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.549	-3.9	114	0.00
44	2,4,5-Trichlorophenol	40.000	41.064	-2.7	115	0.00
45 S	2-Fluorobiphenyl	80.000	76.733	4.1	110	0.00
46	1,1'-Biphenyl	40.000	38.906	2.7	112	0.00
47	2-Chloronaphthalene	40.000	39.238	1.9	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 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	40.604	-1.5	109	0.00
49	Acenaphthylene	40.000	38.493	3.8	109	0.00
50	Dimethylphthalate	40.000	38.751	3.1	110	0.00
51	2,6-Dinitrotoluene	40.000	39.317	1.7	109	0.00
52 C	Acenaphthene	40.000	37.904	5.2	108	0.00
53	3-Nitroaniline	40.000	40.871	-2.2	107	0.00
54 P	2,4-Dinitrophenol	40.000	37.829	5.4	109	0.00
55	Dibenzofuran	40.000	37.910	5.2	108	0.00
56 P	4-Nitrophenol	40.000	38.698	3.3	109	0.00
57	2,4-Dinitrotoluene	40.000	39.975	0.1	108	0.00
58	Fluorene	40.000	38.422	3.9	109	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.274	1.8	109	0.00
60	Diethylphthalate	40.000	38.171	4.6	110	0.00
61	4-Chlorophenyl-phenylether	40.000	38.249	4.4	111	0.00
62	4-Nitroaniline	40.000	42.722	-6.8	111	0.00
63	Azobenzene	40.000	38.822	2.9	110	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	109	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.305	-0.8	110	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.382	4.0	108	0.00
67	4-Bromophenyl-phenylether	40.000	38.909	2.7	111	0.00
68	Hexachlorobenzene	40.000	38.175	4.6	110	0.00
69	Atrazine	40.000	39.570	1.1	111	0.00
70 C	Pentachlorophenol	40.000	41.124	-2.8	109	0.00
71	Phenanthrene	40.000	37.546	6.1	108	0.00
72	Anthracene	40.000	38.241	4.4	108	0.00
73	Carbazole	40.000	39.575	1.1	109	0.00
74	Di-n-butylphthalate	40.000	38.939	2.7	109	0.00
75 C	Fluoranthene	40.000	38.566	3.6	109	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77	Benzydine	40.000	43.253	-8.1	113	0.00
78	Pyrene	40.000	38.281	4.3	107	0.01
79 S	Terphenyl-d14	80.000	76.753	4.1	107	0.01
80	Butylbenzylphthalate	40.000	40.523	-1.3	110	0.02
81	Benzo(a)anthracene	40.000	38.889	2.8	108	0.00
82	3,3'-Dichlorobenzidine	40.000	42.508	-6.3	111	0.00
83	Chrysene	40.000	38.227	4.4	108	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.433	-1.1	111	0.00
85 c	Di-n-octyl phthalate	40.000	41.721	-4.3	112	0.00
86 I	Perylene-d12	20.000	20.000	0.0	109	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	38.851	2.9	109	0.00
88	Benzo(b)fluoranthene	40.000	39.289	1.8	111	0.01
89	Benzo(k)fluoranthene	40.000	38.223	4.4	108	0.00
90 C	Benzo(a)pyrene	40.000	39.004	2.5	110	0.02
91	Dibenzo(a,h)anthracene	40.000	39.377	1.6	109	0.02
92	Benzo(g,h,i)perylene	40.000	38.906	2.7	109	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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.: Q2106 SAS No.: Q2106 SDG No.: Q2106

Instrument ID: BNA_F Calibration Date/Time: 05/27/2025 10:15

Lab File ID: BF142552.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.187	1.141		-3.9	
Phenol-d6	1.429	1.377		-3.6	
Phenol	1.608	1.566		-2.6	20.0
1,4-Dichlorobenzene	1.453	1.383		-4.8	20.0
Nitrobenzene-d5	0.367	0.350		-4.6	
1,2,4-Trichlorobenzene	0.308	0.292		-5.2	
Naphthalene	0.985	0.929		-5.7	
2-Fluorobiphenyl	1.490	1.346		-9.7	
2,4,6-Tribromophenol	0.222	0.219		-1.4	
Terphenyl-d14	1.464	1.339		-8.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142552.D
 Acq On : 27 May 2025 10:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 27 11:31:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	106761	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	418300	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	232077	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	411171	20.000	ng	0.00
76) Chrysene-d12	14.068	240	239311	20.000	ng	0.00
86) Perylene-d12	15.562	264	215066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	487434	76.920	ng	0.00
7) Phenol-d6	6.522	99	588122	77.099	ng	-0.01
23) Nitrobenzene-d5	7.463	82	586402	76.442	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	203328	78.939	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1249653	72.255	ng	-0.01
79) Terphenyl-d14	13.016	244	1281938	73.203	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.663	88	98304	38.767	ng	99
3) Pyridine	3.434	79	257127	39.819	ng	98
4) n-Nitrosodimethylamine	3.387	42	128165	38.226	ng	94
6) Aniline	6.563	93	401127	39.109	ng	99
8) 2-Chlorophenol	6.681	128	266058	38.547	ng	98
9) Benzaldehyde	6.451	77	178698	38.949	ng	99
10) Phenol	6.539	94	334436	38.964	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	236884	38.340	ng	100
12) 1,3-Dichlorobenzene	6.839	146	292278	37.949	ng	99
13) 1,4-Dichlorobenzene	6.916	146	295291	38.062	ng	99
14) 1,2-Dichlorobenzene	7.069	146	282071	37.997	ng	98
15) Benzyl Alcohol	7.039	79	218911	38.834	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	398626	38.419	ng	99
17) 2-Methylphenol	7.145	107	208688	38.726	ng	99
18) Hexachloroethane	7.410	117	100869	37.234	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	179487	37.966	ng	99
20) 3+4-Methylphenols	7.304	107	263813	38.229	ng	96
22) Acetophenone	7.310	105	349918	37.789	ng	98
24) Nitrobenzene	7.481	77	267559	38.672	ng	99
25) Isophorone	7.722	82	492161	38.373	ng	98
26) 2-Nitrophenol	7.798	139	145072	39.241	ng	98
27) 2,4-Dimethylphenol	7.834	122	249437	38.260	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	303778	37.916	ng	99
29) 2,4-Dichlorophenol	8.039	162	231708	39.080	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	243943	37.911	ng	97
31) Naphthalene	8.204	128	777276	37.738	ng	100
32) Benzoic acid	7.939	122	158786	40.011	ng	98
33) 4-Chloroaniline	8.251	127	325620	39.015	ng	99
34) Hexachlorobutadiene	8.322	225	151568	37.725	ng	99
35) Caprolactam	8.622	113	72240	43.382	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	237000	39.004	ng	99
37) 2-Methylnaphthalene	8.898	142	486858	37.572	ng	99
38) 1-Methylnaphthalene	8.998	142	509169	37.988	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	246912	37.063	ng	99
41) Hexachlorocyclopentadiene	9.051	237	164606	36.627	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	170709	38.001	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142552.D
 Acq On : 27 May 2025 10:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

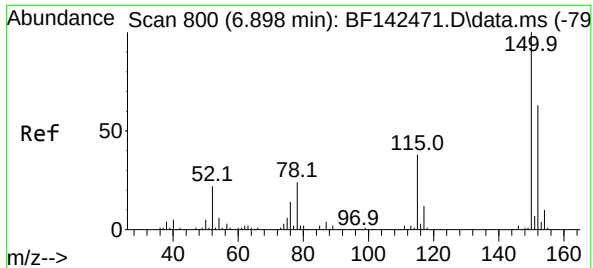
Quant Time: May 27 11:31:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	180562	38.111	ng	99
46) 1,1'-Biphenyl	9.363	154	671392	37.289	ng	100
47) 2-Chloronaphthalene	9.386	162	498146	37.447	ng	99
48) 2-Nitroaniline	9.480	65	153877	40.019	ng	99
49) Acenaphthylene	9.804	152	852870	37.968	ng	99
50) Dimethylphthalate	9.657	163	583790	38.123	ng	100
51) 2,6-Dinitrotoluene	9.722	165	128595	38.908	ng	100
52) Acenaphthene	9.975	154	514152	37.485	ng	100
53) 3-Nitroaniline	9.892	138	145777	40.382	ng	99
54) 2,4-Dinitrophenol	9.998	184	71340	41.780	ng	92
55) Dibenzofuran	10.145	168	749292	37.962	ng	99
56) 4-Nitrophenol	10.045	139	109755	41.206	ng	99
57) 2,4-Dinitrotoluene	10.127	165	178266	41.301	ng	99
58) Fluorene	10.486	166	581375	38.127	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	154712	39.117	ng	99
60) Diethylphthalate	10.357	149	575641	38.490	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	283736	37.878	ng	97
62) 4-Nitroaniline	10.504	138	144639	44.178	ng	98
63) Azobenzene	10.639	77	519690	38.688	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	95007	41.404	ng	100
66) n-Nitrosodiphenylamine	10.598	169	513957	36.536	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	177745	36.559	ng	99
68) Hexachlorobenzene	11.039	284	199413	37.084	ng	98
69) Atrazine	11.122	200	152351	40.781	ng	99
70) Pentachlorophenol	11.227	266	117460	38.690	ng	98
71) Phenanthrene	11.451	178	829968	37.771	ng	100
72) Anthracene	11.504	178	844543	37.659	ng	99
73) Carbazole	11.657	167	758086	39.542	ng	100
74) Di-n-butylphthalate	11.986	149	851727	40.587	ng	100
75) Fluoranthene	12.639	202	849891	41.393	ng	98
77) Benzidine	12.763	184	391300	43.939	ng	100
78) Pyrene	12.868	202	833498	37.336	ng	99
80) Butylbenzylphthalate	13.486	149	264157	42.823	ng	98
81) Benzo(a)anthracene	14.057	228	620117	38.806	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	190764	39.358	ng	99
83) Chrysene	14.098	228	528766	36.825	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	309018	39.132	ng	98
85) Di-n-octyl phthalate	14.657	149	498803	32.305	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	597673	37.017	ng	99
88) Benzo(b)fluoranthene	15.121	252	531572	41.762	ng	98
89) Benzo(k)fluoranthene	15.151	252	419034	35.149	ng	98
90) Benzo(a)pyrene	15.498	252	460031	38.342	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	484580	37.005	ng	98
92) Benzo(g,h,i)perylene	17.533	276	486815	37.168	ng	98

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

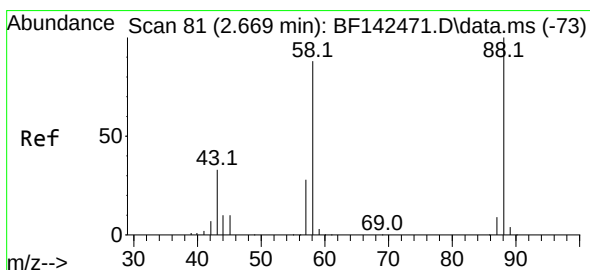
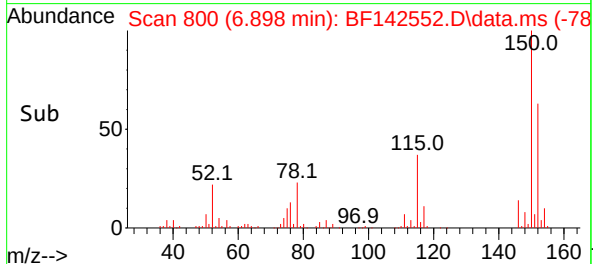
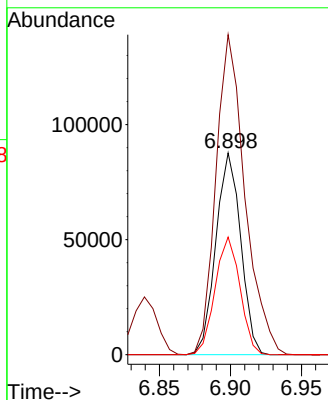
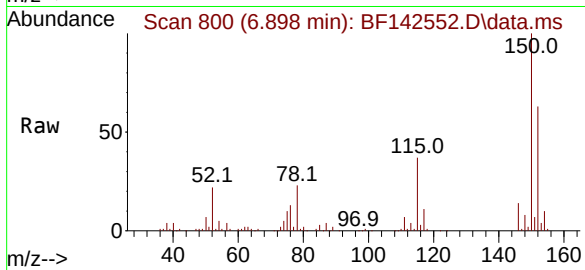
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

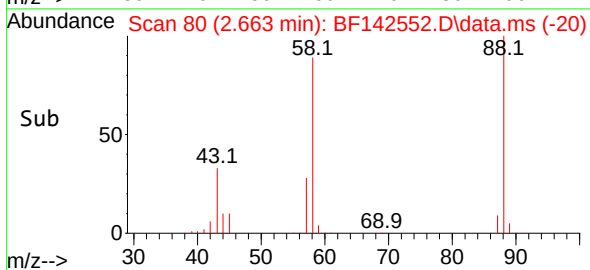
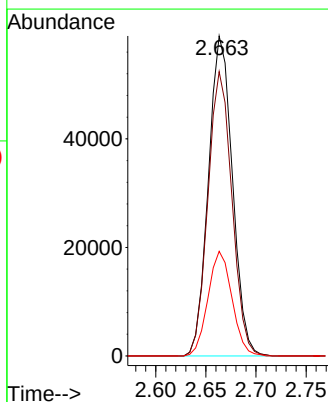
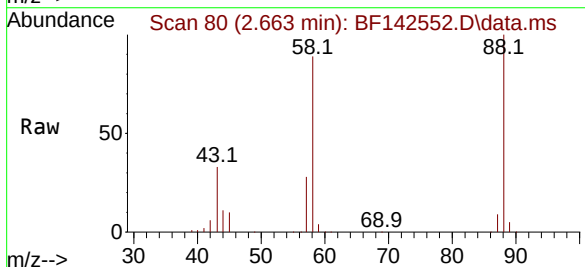
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

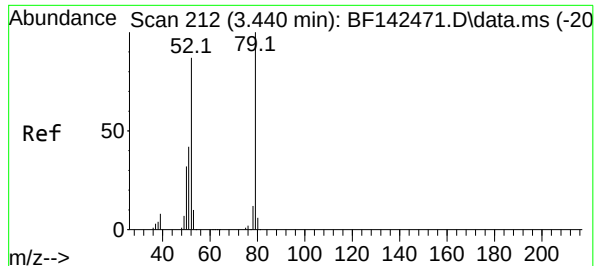
Tgt Ion:152 Resp: 106761
Ion Ratio Lower Upper
152 100
150 158.6 128.2 192.4
115 58.3 48.3 72.5



#2
1,4-Dioxane
Concen: 38.767 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 88 Resp: 98304
Ion Ratio Lower Upper
88 100
58 88.8 70.8 106.2
43 32.7 26.6 40.0





#3

Pyridine

Concen: 39.819 ng

RT: 3.434 min Scan# 212

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

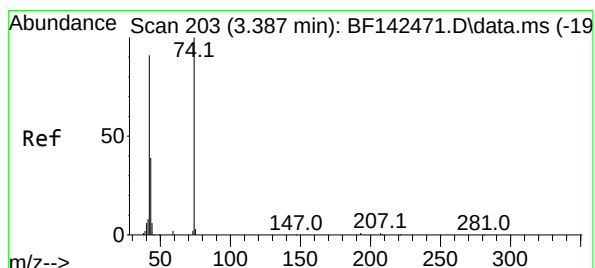
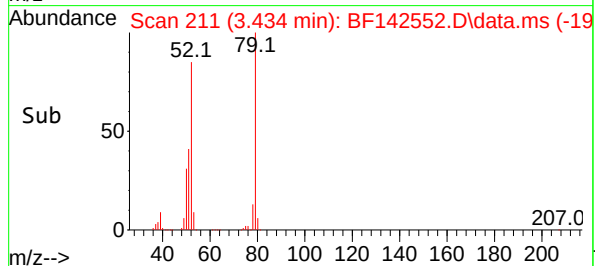
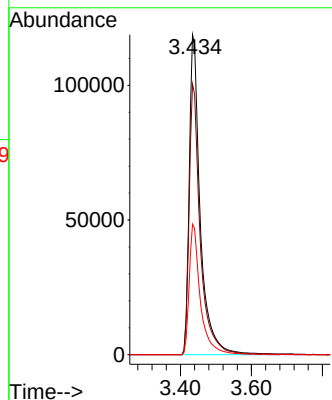
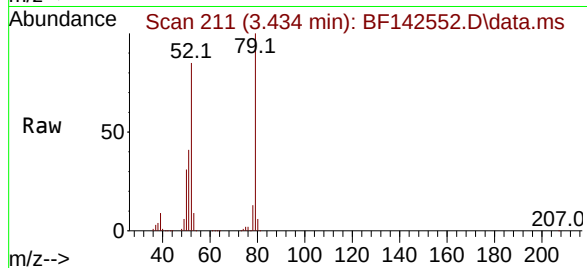
Tgt Ion: 79 Resp: 257127

Ion Ratio Lower Upper

79 100

52 84.5 69.2 103.8

51 40.8 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 38.226 ng

RT: 3.387 min Scan# 203

Delta R.T. -0.018 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

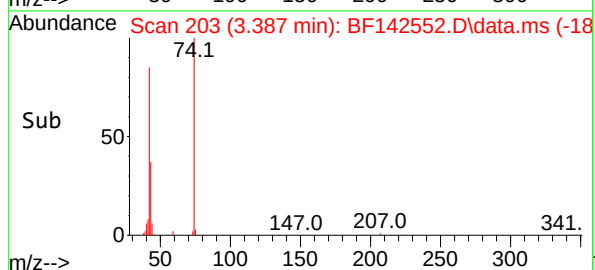
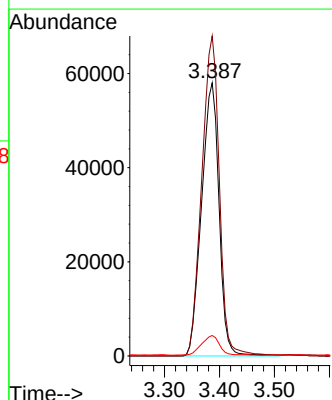
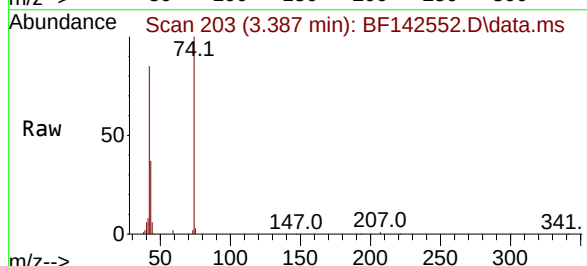
Tgt Ion: 42 Resp: 128165

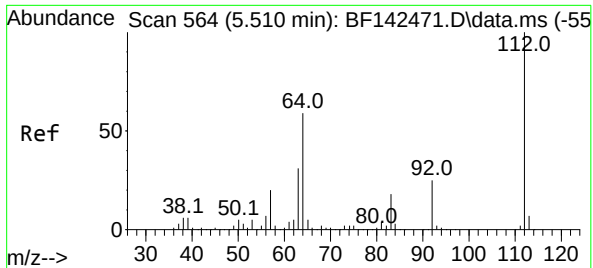
Ion Ratio Lower Upper

42 100

74 117.2 88.2 132.4

44 7.5 5.4 8.2

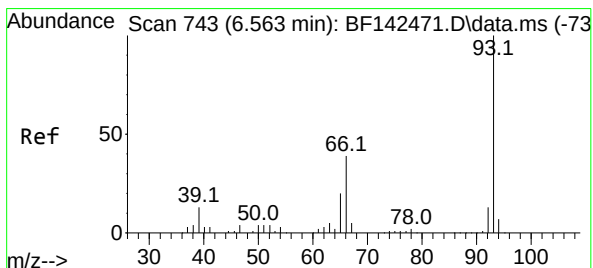
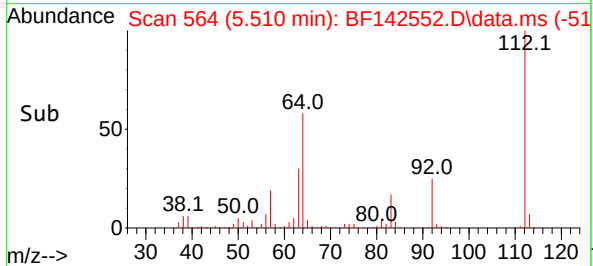
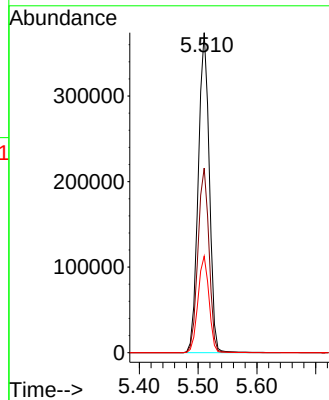
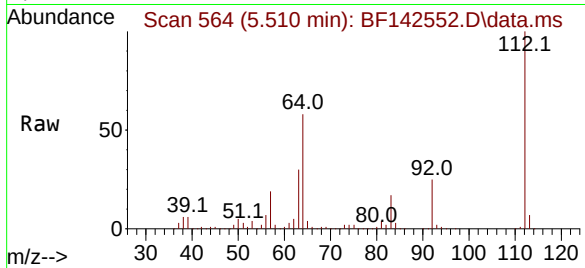




#5
2-Fluorophenol
Concen: 76.920 ng
RT: 5.510 min Scan# 510
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

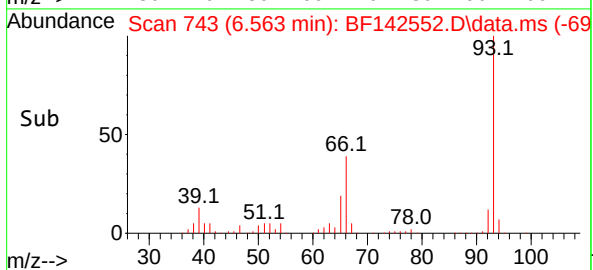
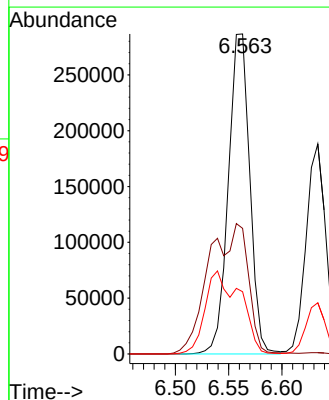
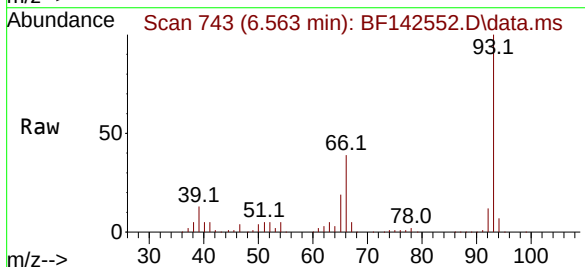
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

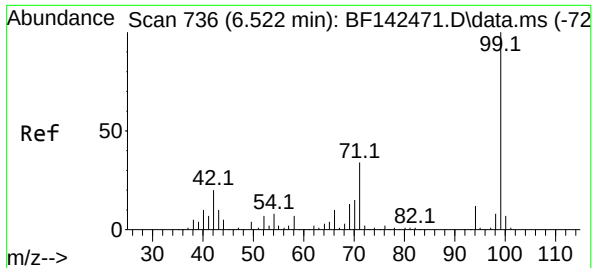
Tgt Ion:112 Resp: 487434
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.1 24.9 37.3



#6
Aniline
Concen: 39.109 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 93 Resp: 401127
Ion Ratio Lower Upper
93 100
66 39.3 32.0 48.0
65 19.5 16.1 24.1

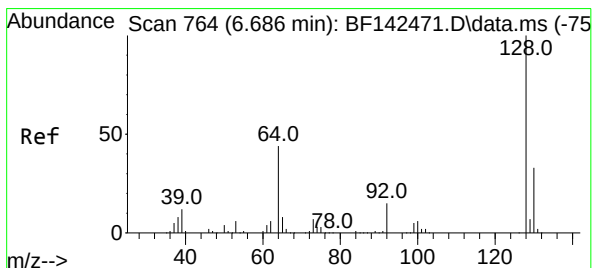
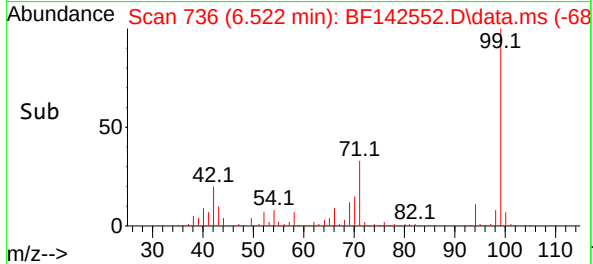
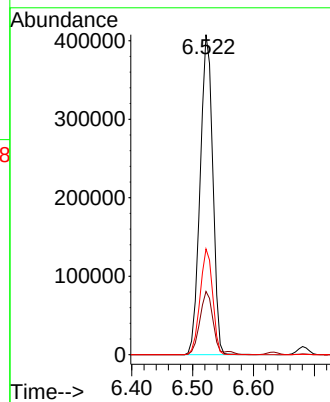
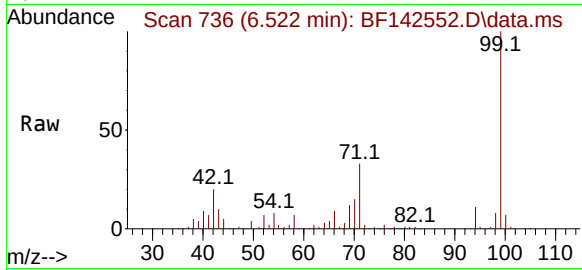




#7
Phenol-d6
Concen: 77.099 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

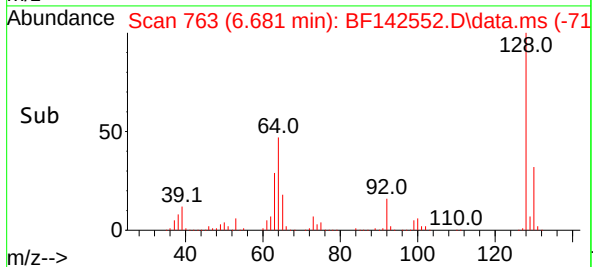
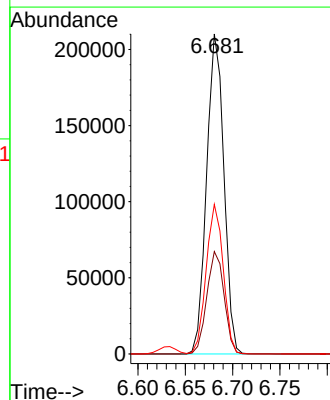
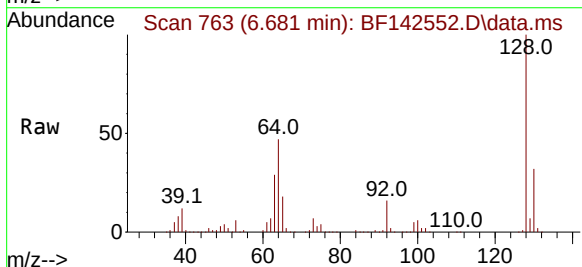
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

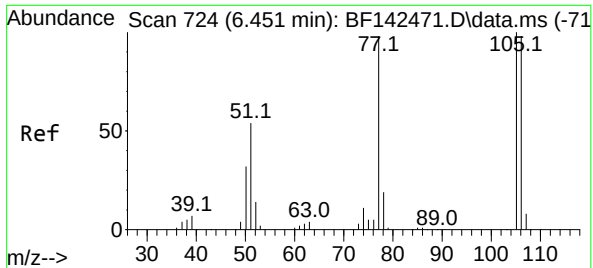
Tgt Ion: 99 Resp: 588122
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.1 27.3 40.9



#8
2-Chlorophenol
Concen: 38.547 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 128 Resp: 266058
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 46.8 25.1 65.1





#9

Benzaldehyde

Concen: 38.949 ng

RT: 6.451 min Scan# 724

Delta R.T. 0.000 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

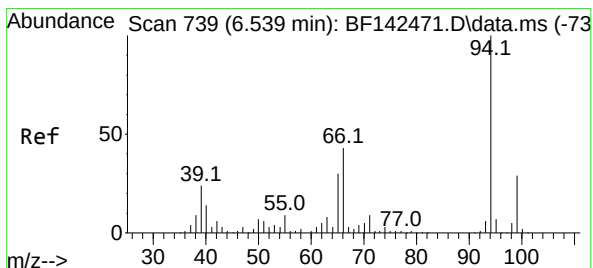
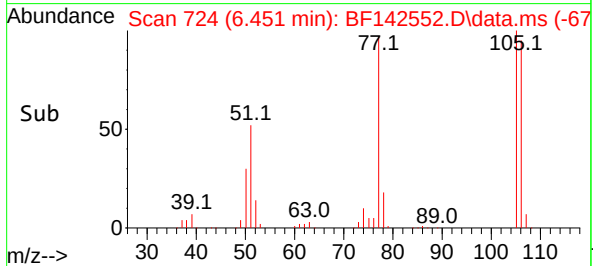
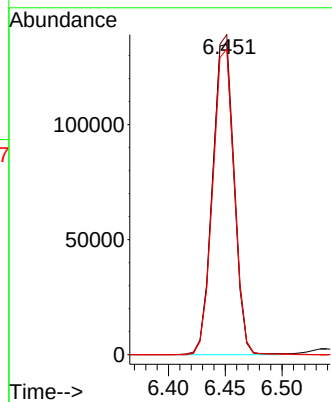
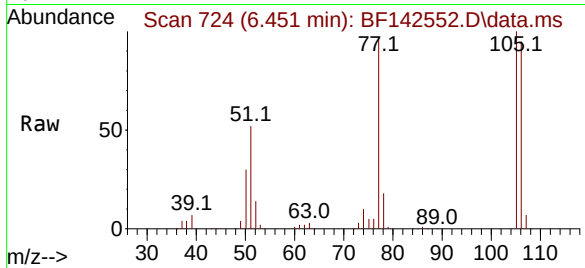
Tgt Ion: 77 Resp: 178698

Ion Ratio Lower Upper

77 100

105 103.1 82.5 122.5

106 98.5 80.0 120.0



#10

Phenol

Concen: 38.964 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

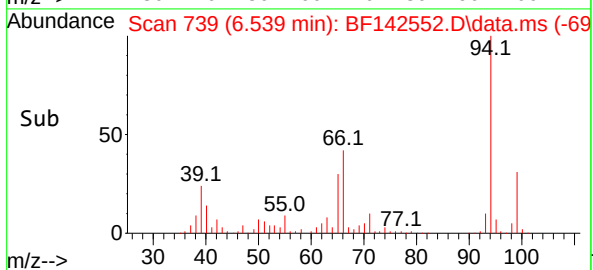
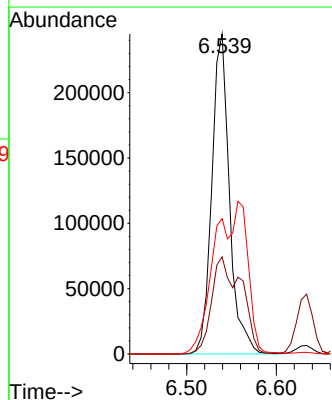
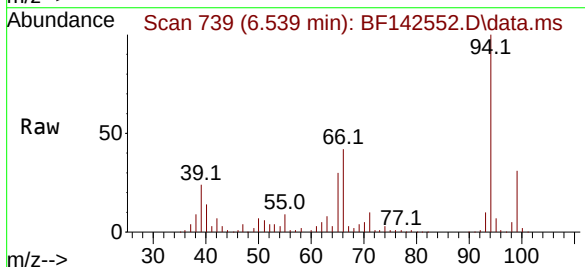
Tgt Ion: 94 Resp: 334436

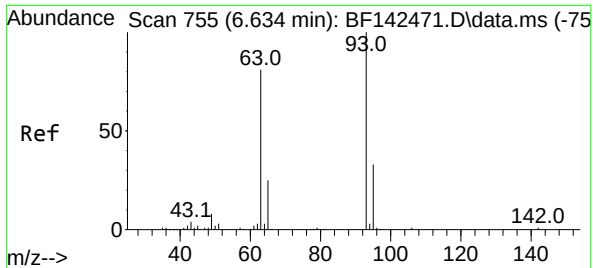
Ion Ratio Lower Upper

94 100

65 30.4 10.3 50.3

66 42.3 22.6 62.6

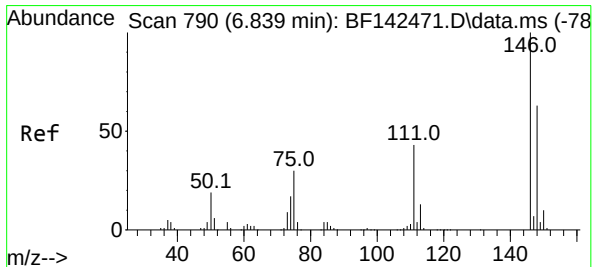
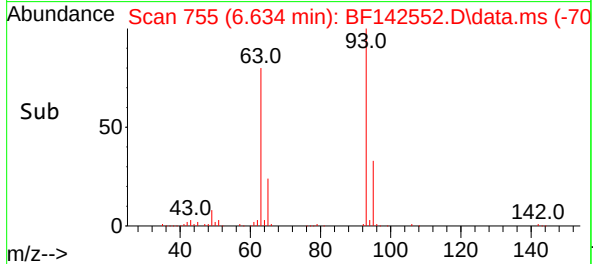
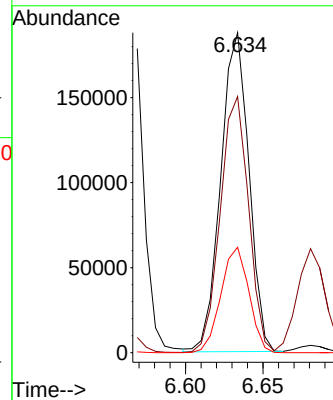
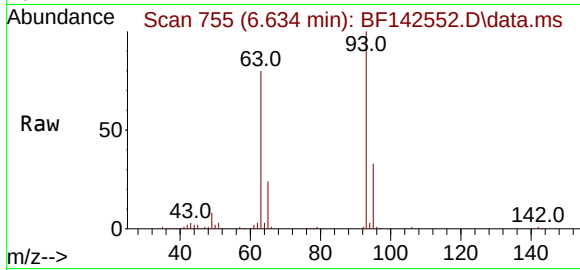




#11
bis(2-Chloroethyl)ether
Concen: 38.340 ng
RT: 6.634 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

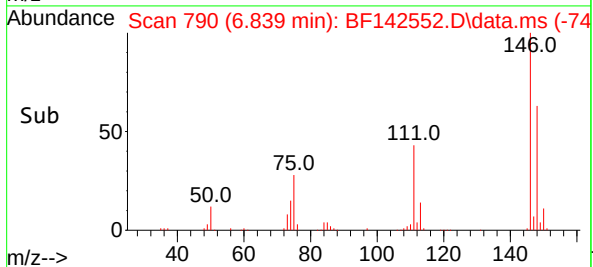
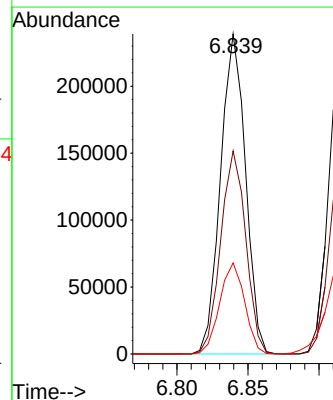
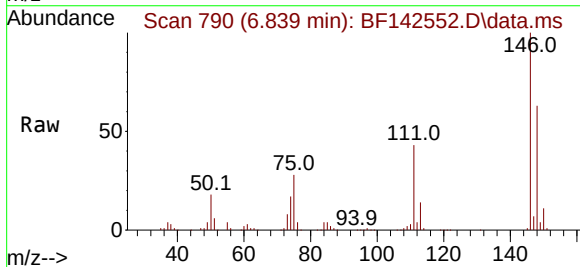
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

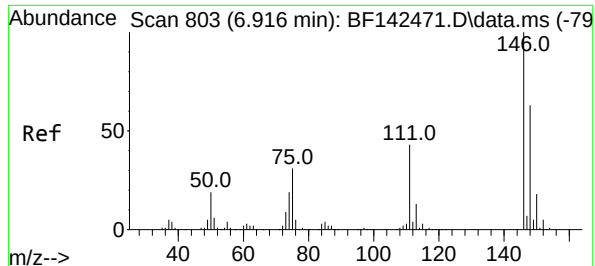
Tgt Ion: 93 Resp: 236884
Ion Ratio Lower Upper
93 100
63 80.1 60.2 100.2
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.949 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 146 Resp: 292278
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 28.5 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.062 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

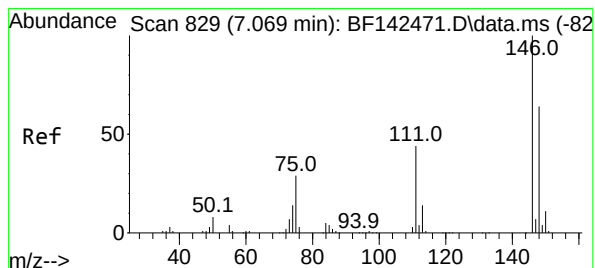
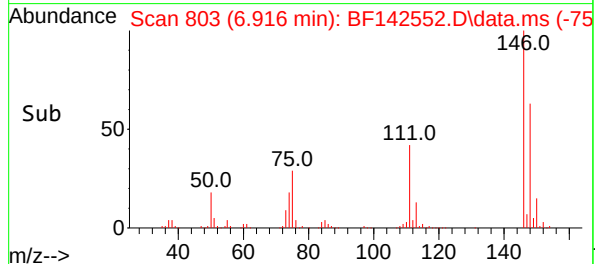
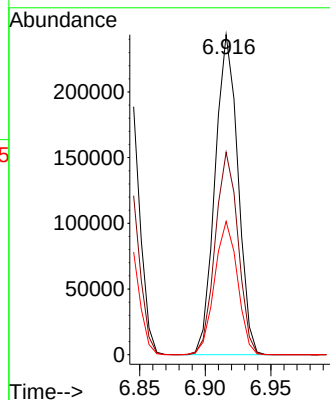
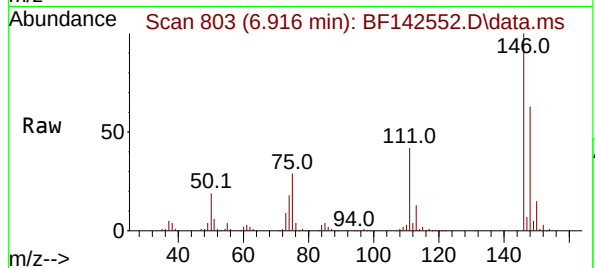
Tgt Ion:146 Resp: 295291

Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

111 41.7 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 37.997 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

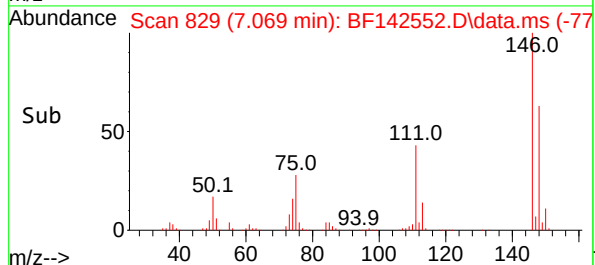
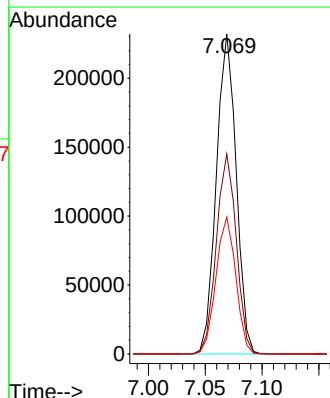
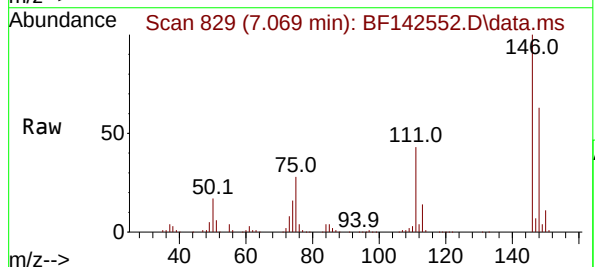
Tgt Ion:146 Resp: 282071

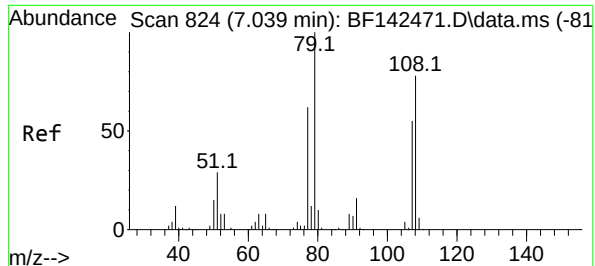
Ion Ratio Lower Upper

146 100

148 62.5 51.0 76.4

111 42.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 38.834 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

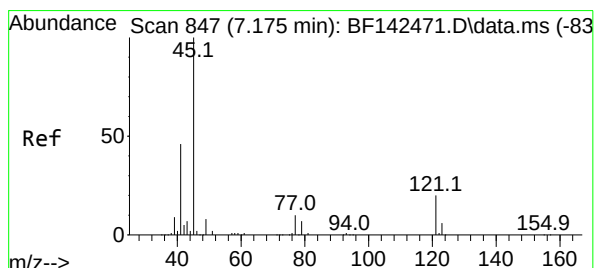
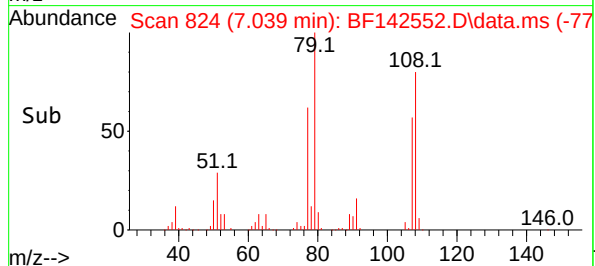
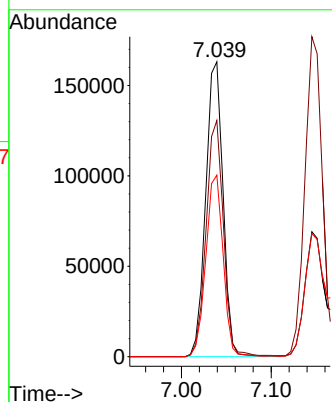
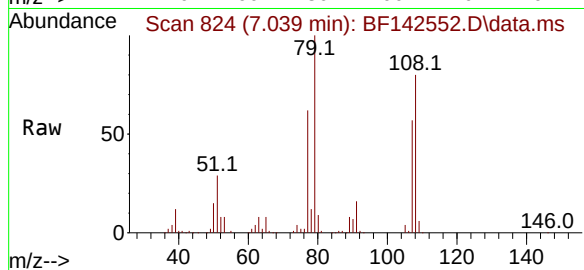
Tgt Ion: 79 Resp: 218911

Ion Ratio Lower Upper

79 100

108 80.1 62.1 93.1

77 61.6 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.419 ng

RT: 7.169 min Scan# 846

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

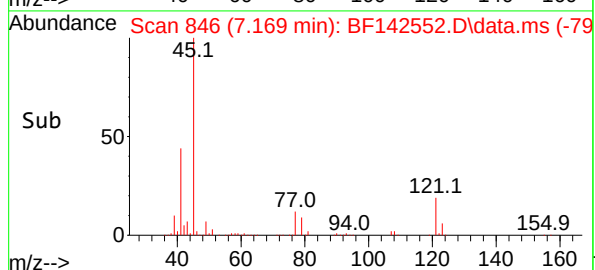
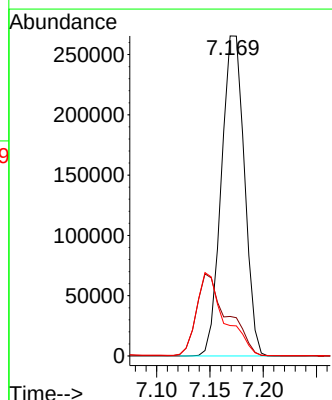
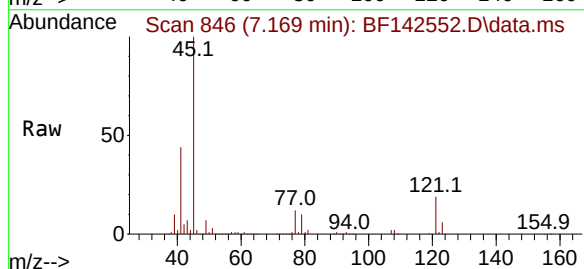
Tgt Ion: 45 Resp: 398626

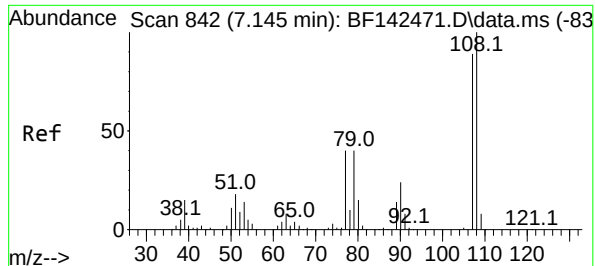
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.0

79 9.5 0.0 29.2

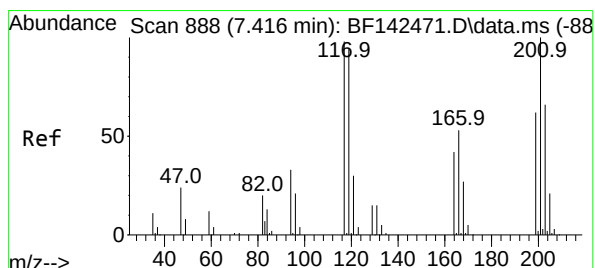
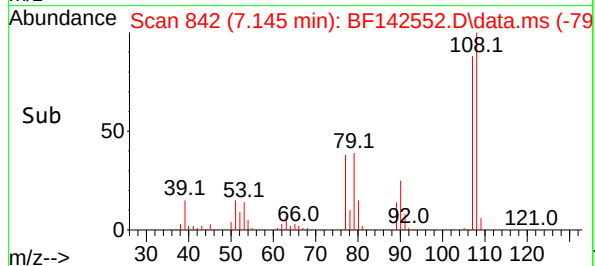
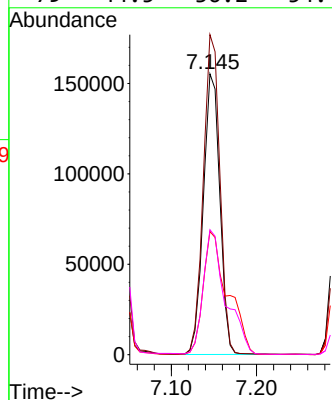
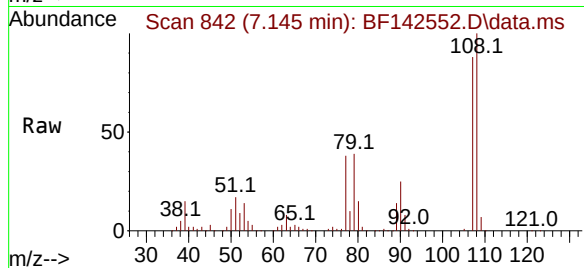




#17
2-Methylphenol
Concen: 38.726 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

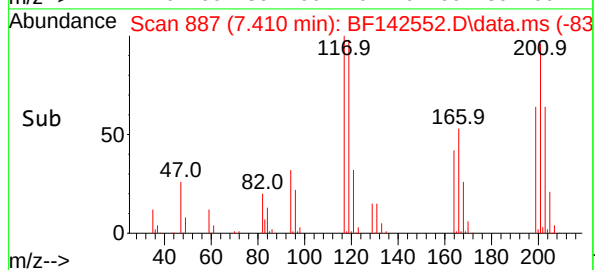
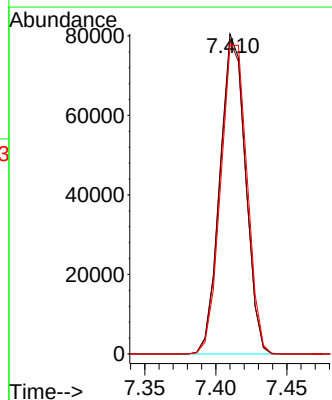
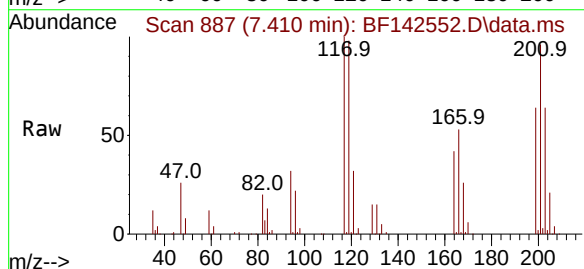
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

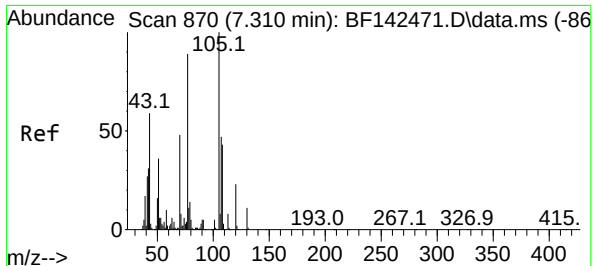
Tgt Ion:107 Resp: 208688
Ion Ratio Lower Upper
107 100
108 114.0 90.2 135.2
77 43.9 36.1 54.1
79 44.5 36.2 54.4



#18
Hexachloroethane
Concen: 37.234 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:117 Resp: 100869
Ion Ratio Lower Upper
117 100
119 98.0 76.6 114.8
201 96.5 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.966 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 179487

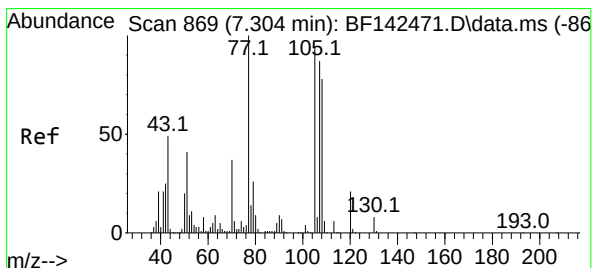
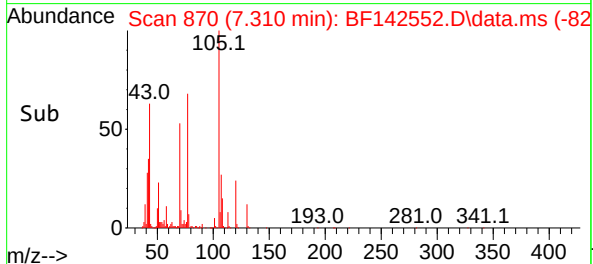
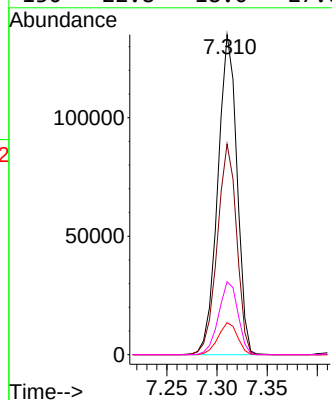
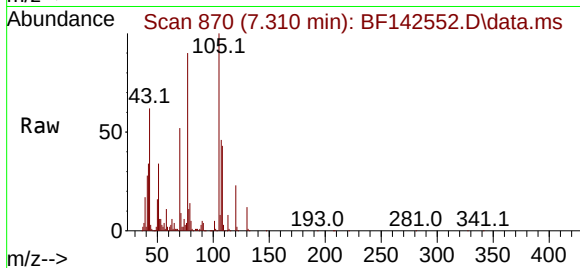
Ion Ratio Lower Upper

70 100

42 65.9 52.4 78.6

101 10.0 7.8 11.8

130 22.8 18.0 27.0



#20

3+4-Methylphenols

Concen: 38.229 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Tgt Ion: 107 Resp: 263813

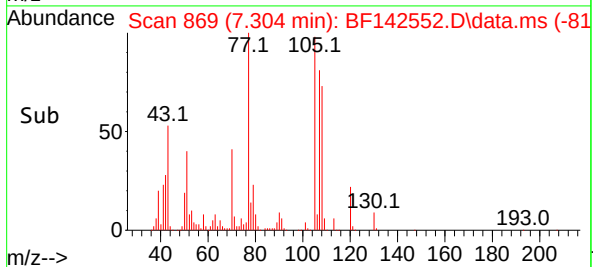
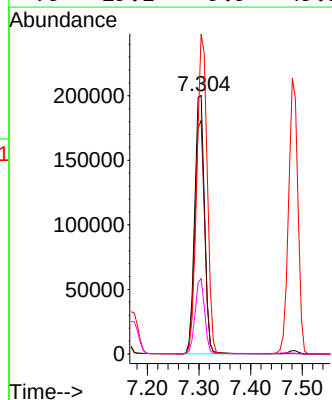
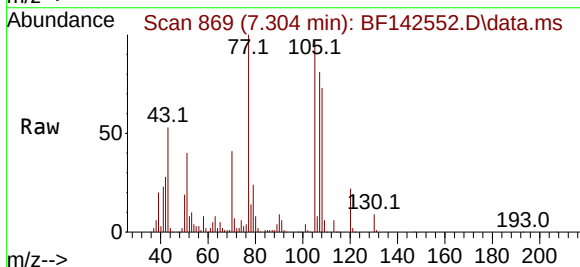
Ion Ratio Lower Upper

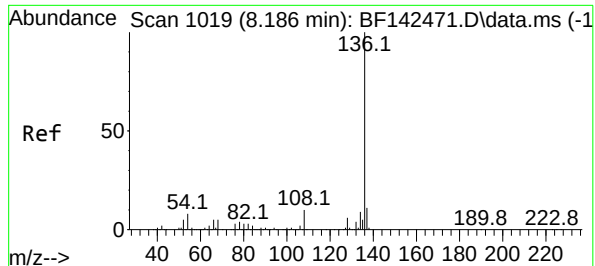
107 100

108 90.3 70.4 110.4

77 123.8 95.4 135.4

79 29.1 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142552.D

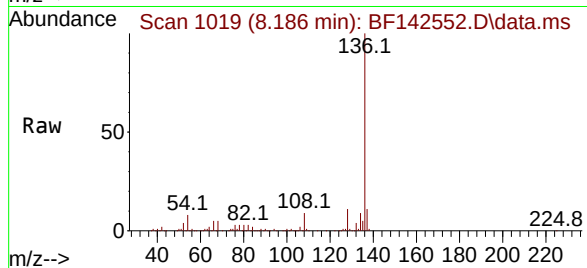
Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 418300

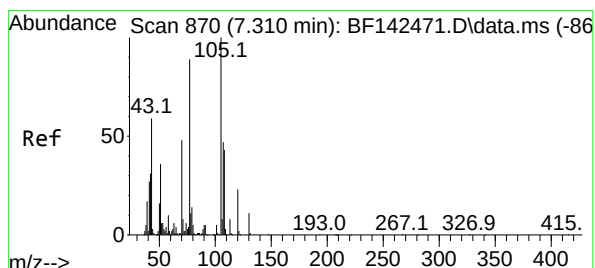
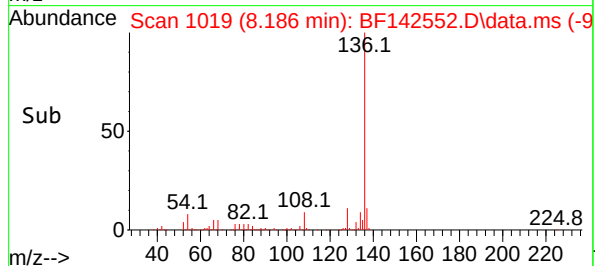
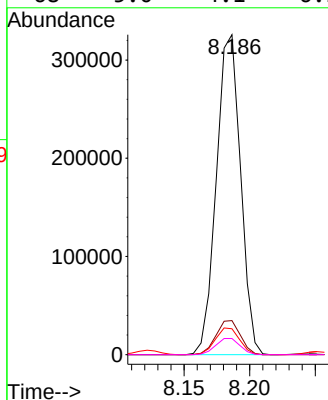
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.1 6.6 10.0

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 37.789 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Tgt Ion:105 Resp: 349918

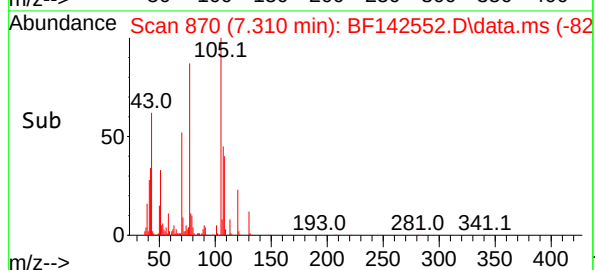
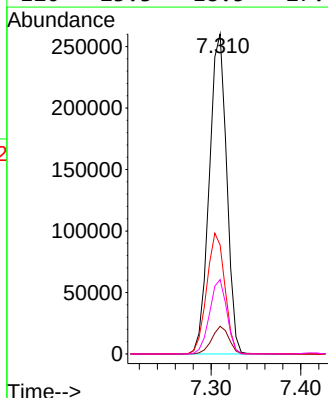
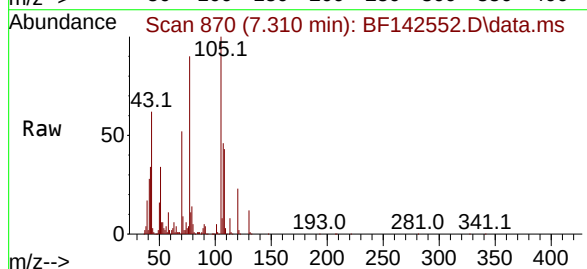
Ion Ratio Lower Upper

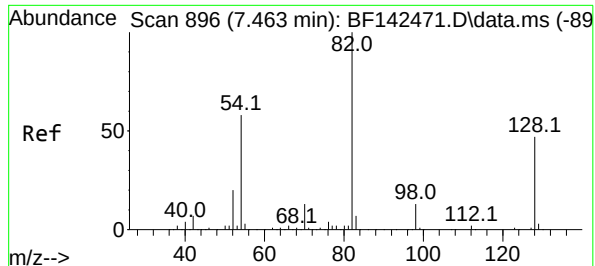
105 100

71 8.6 6.4 9.6

51 34.0 28.6 42.8

120 23.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 76.442 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

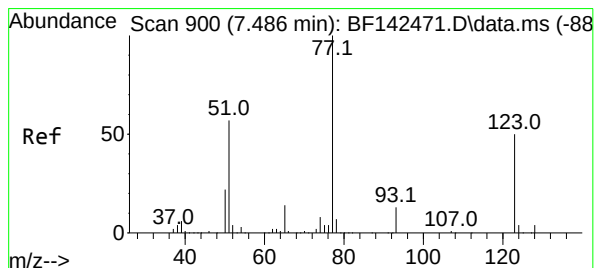
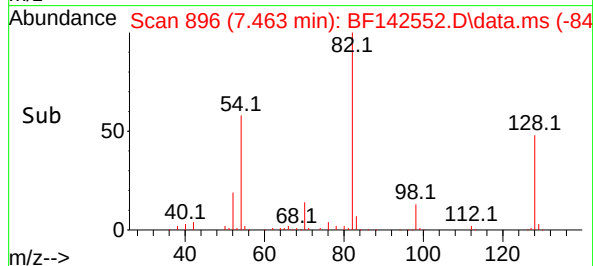
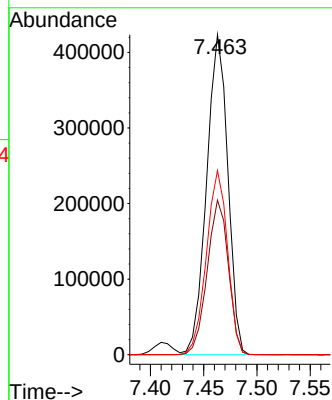
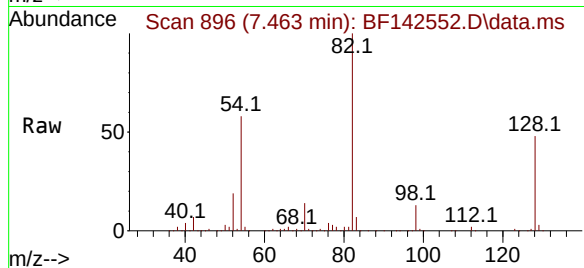
Tgt Ion: 82 Resp: 586402

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.2

54 57.5 46.6 70.0



#24

Nitrobenzene

Concen: 38.672 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

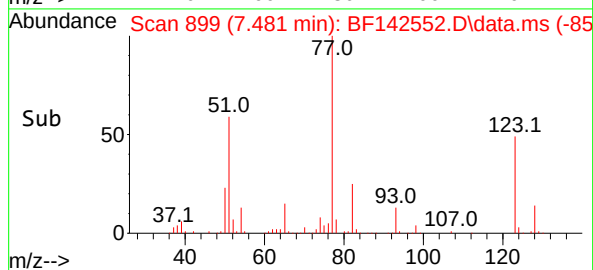
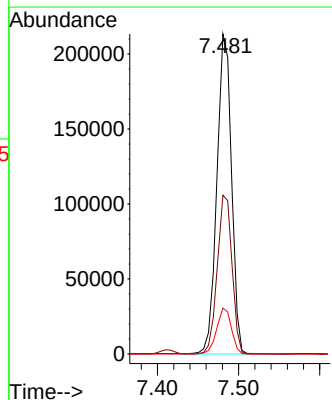
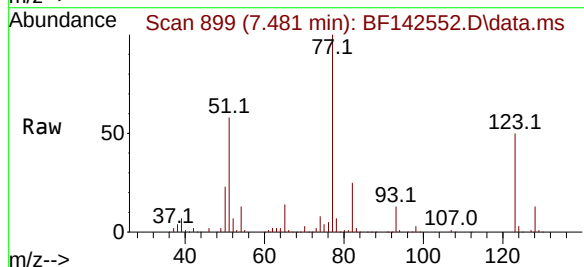
Tgt Ion: 77 Resp: 267559

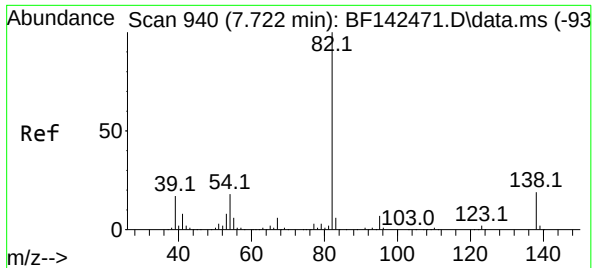
Ion Ratio Lower Upper

77 100

123 49.6 40.6 61.0

65 14.3 11.4 17.2

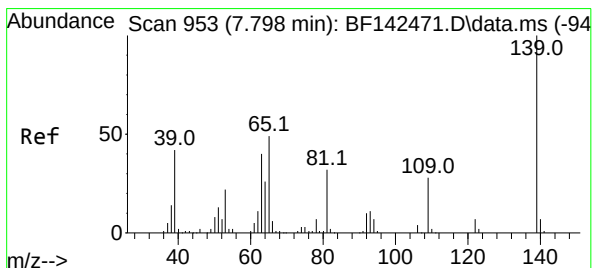
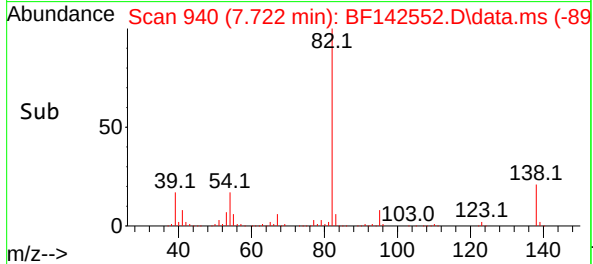
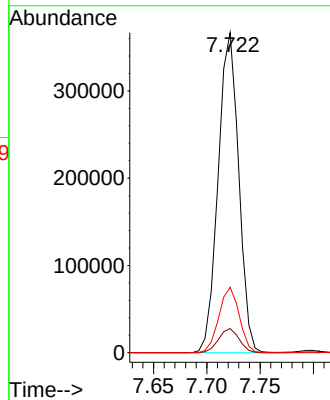
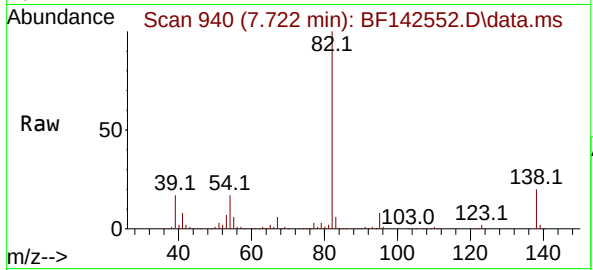




#25
Isophorone
Concen: 38.373 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

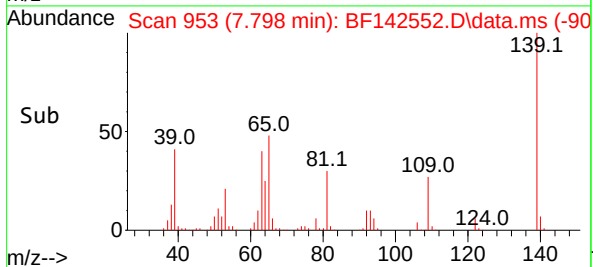
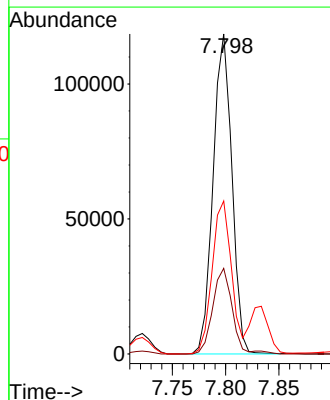
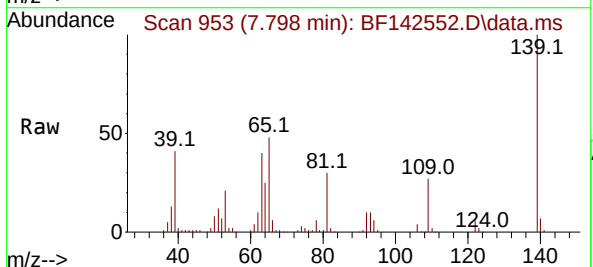
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

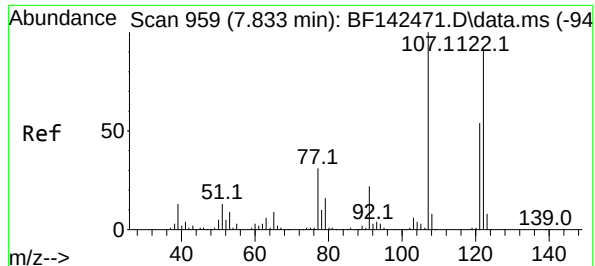
Tgt Ion: 82 Resp: 492161
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.4 15.5 23.3



#26
2-Nitrophenol
Concen: 39.241 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:139 Resp: 145072
Ion Ratio Lower Upper
139 100
109 26.7 22.6 33.8
65 47.8 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.260 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

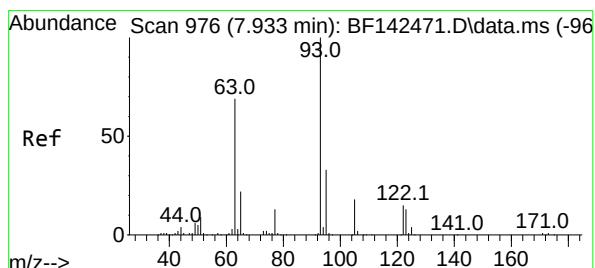
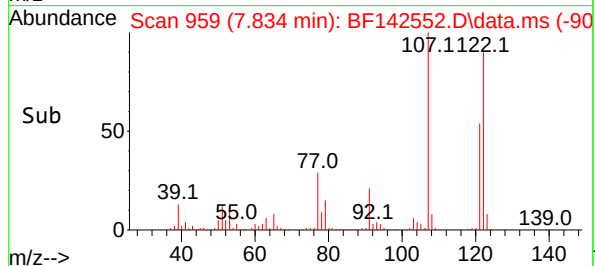
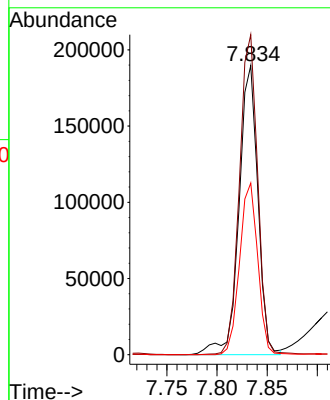
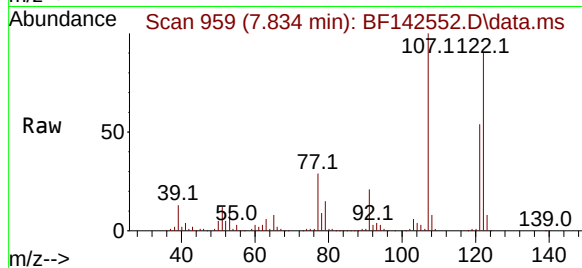
Tgt Ion:122 Resp: 249437

Ion Ratio Lower Upper

122 100

107 110.7 88.1 132.1

121 59.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 37.916 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

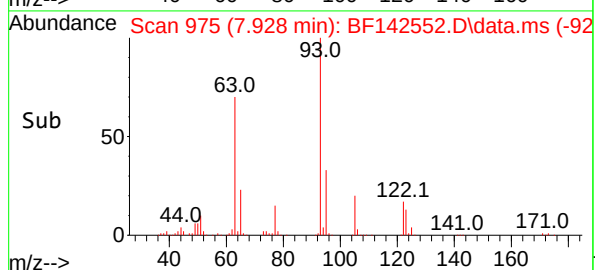
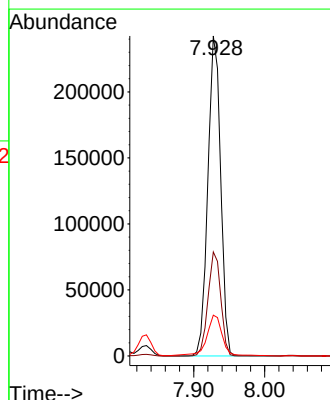
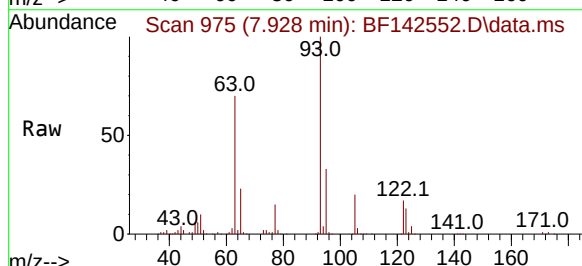
Tgt Ion: 93 Resp: 303778

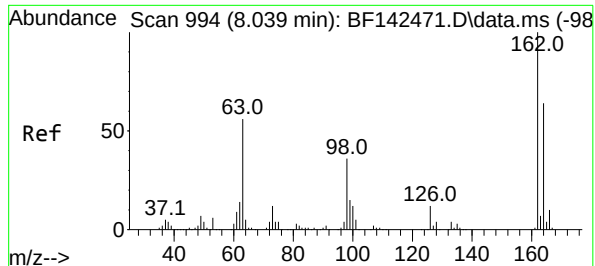
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 39.080 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

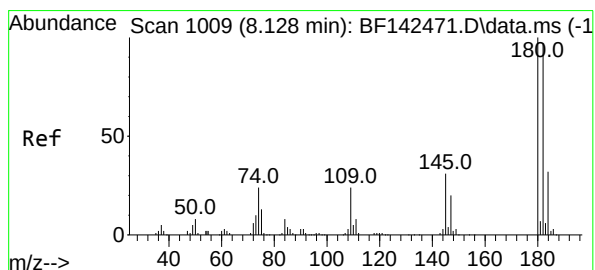
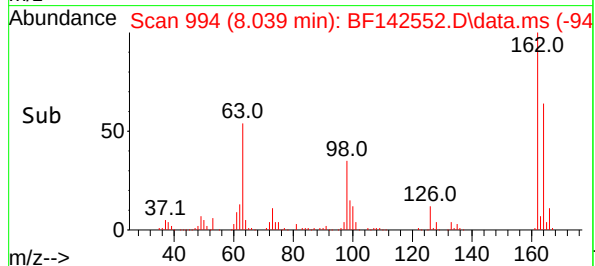
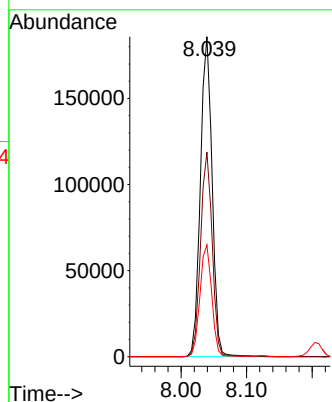
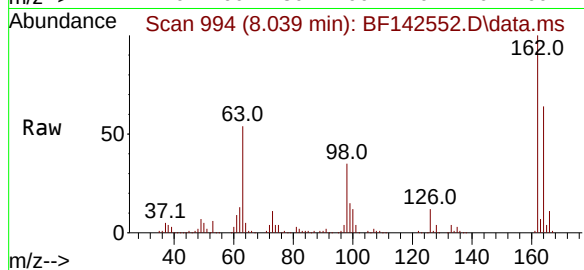
Tgt Ion:162 Resp: 231708

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 34.9 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 37.911 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

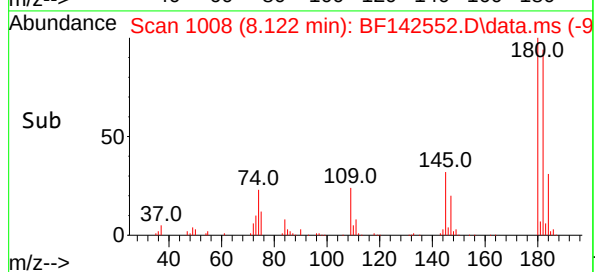
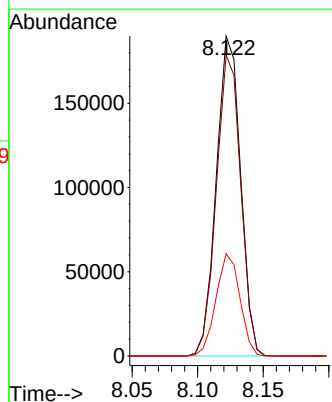
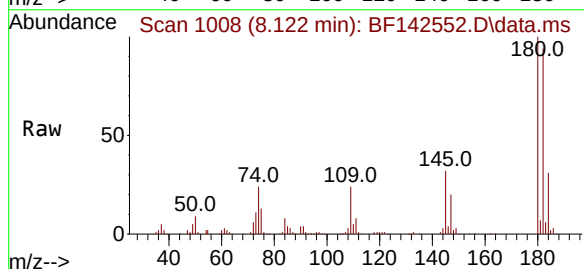
Tgt Ion:180 Resp: 243943

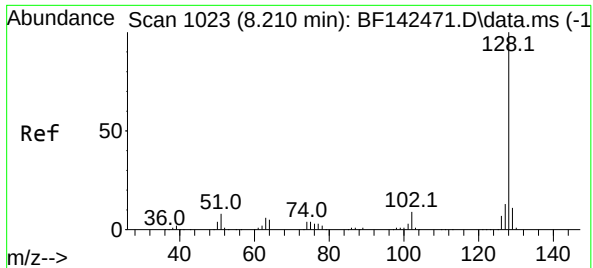
Ion Ratio Lower Upper

180 100

182 94.0 78.0 117.0

145 31.9 25.0 37.6

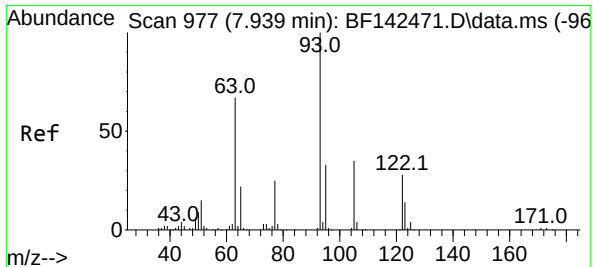
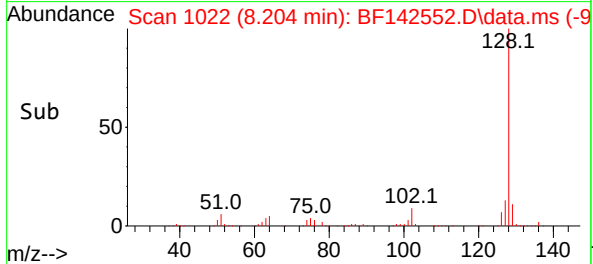
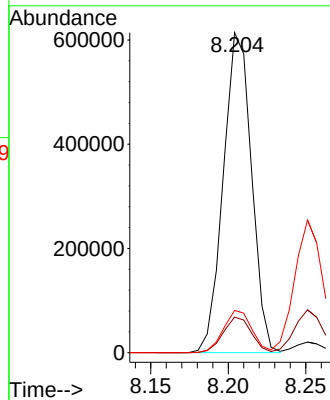
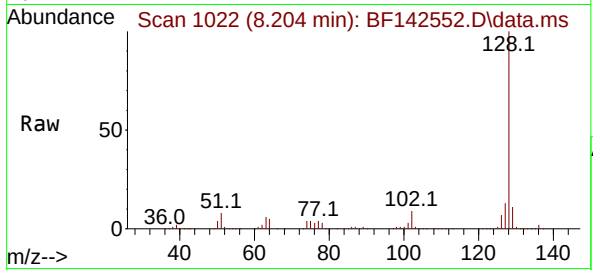




#31
Naphthalene
Concen: 37.738 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

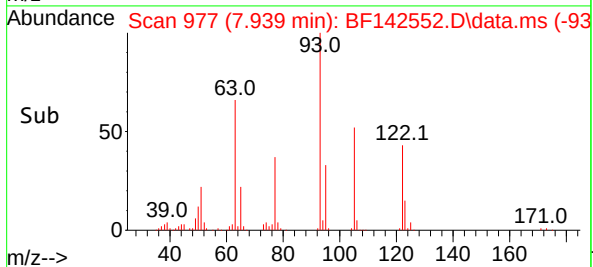
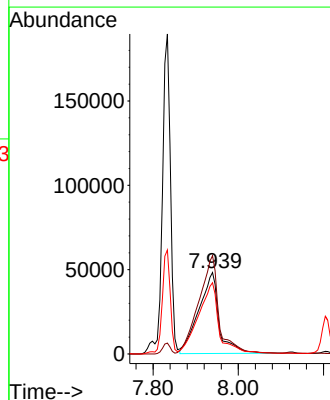
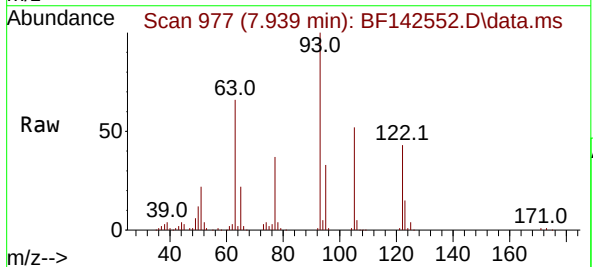
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

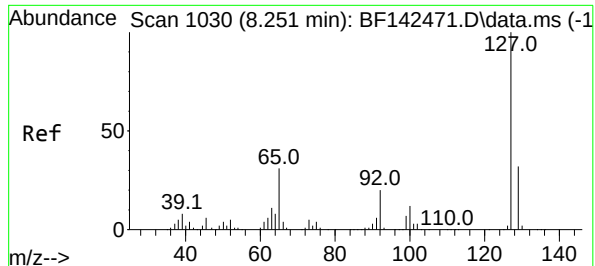
Tgt Ion:128 Resp: 777276
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 40.011 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:122 Resp: 158786
Ion Ratio Lower Upper
122 100
105 120.6 101.7 141.7
77 87.3 69.5 109.5





#33

4-Chloroaniline

Concen: 39.015 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 325620

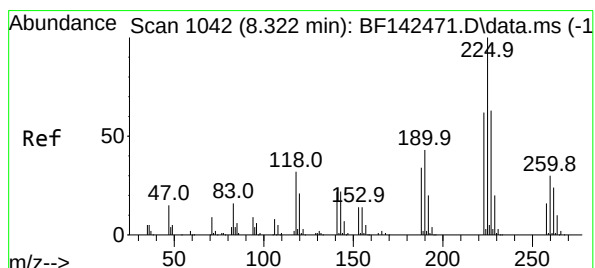
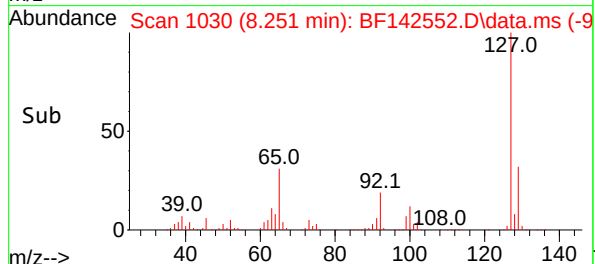
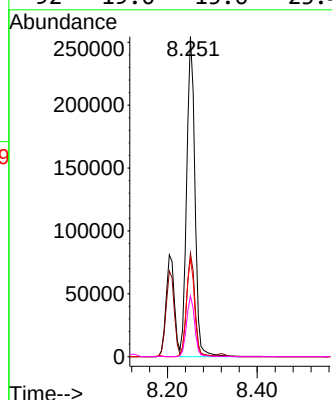
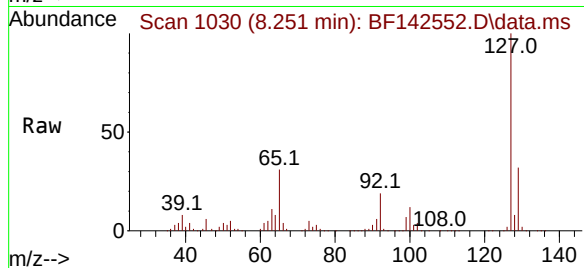
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 30.7 24.9 37.3

92 19.0 15.6 23.4



#34

Hexachlorobutadiene

Concen: 37.725 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

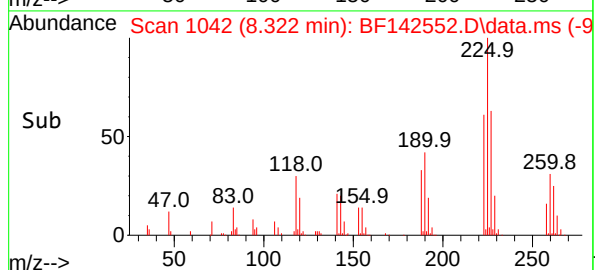
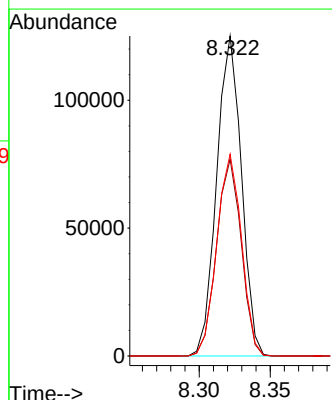
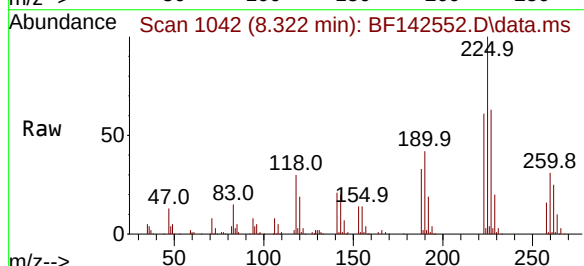
Tgt Ion:225 Resp: 151568

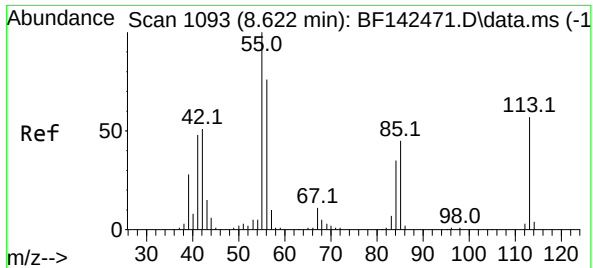
Ion Ratio Lower Upper

225 100

223 61.5 49.7 74.5

227 63.1 50.3 75.5





#35

Caprolactam

Concen: 43.382 ng

RT: 8.622 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

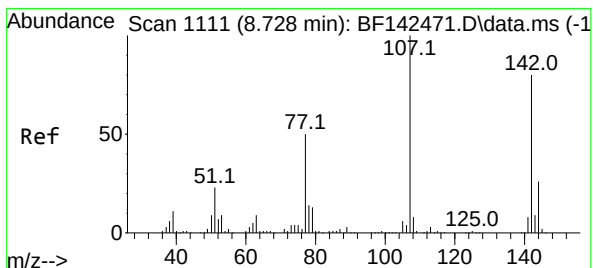
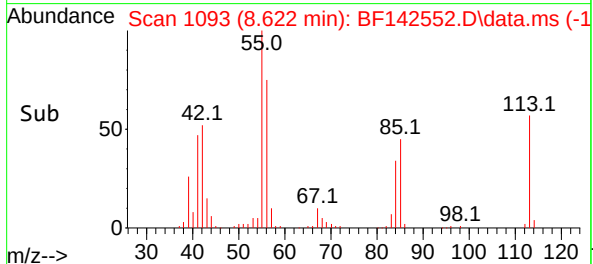
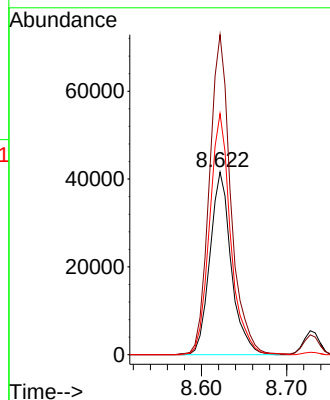
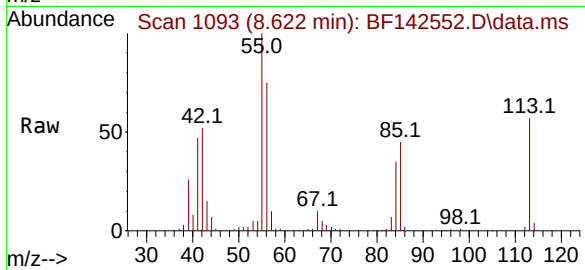
Tgt Ion:113 Resp: 72240

Ion Ratio Lower Upper

113 100

55 175.3 154.7 194.7

56 132.1 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 39.004 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

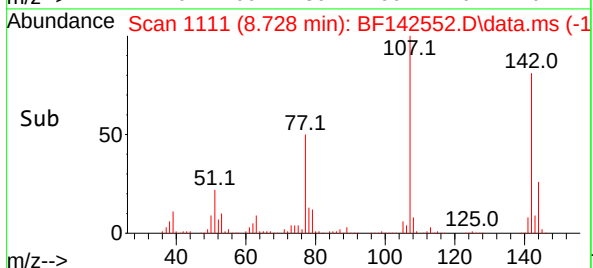
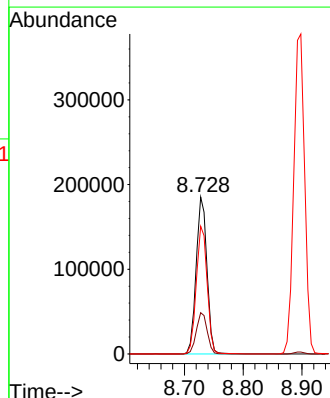
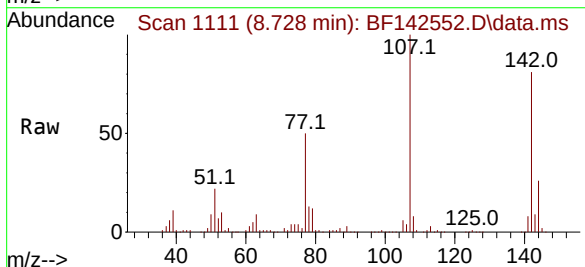
Tgt Ion:107 Resp: 237000

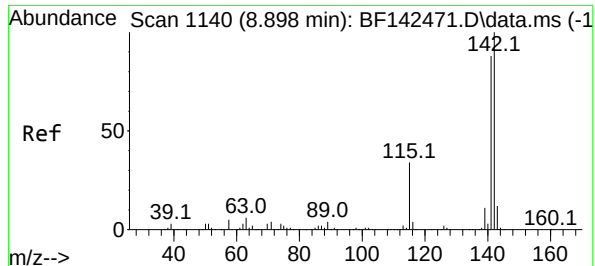
Ion Ratio Lower Upper

107 100

144 26.3 20.9 31.3

142 81.3 64.2 96.2

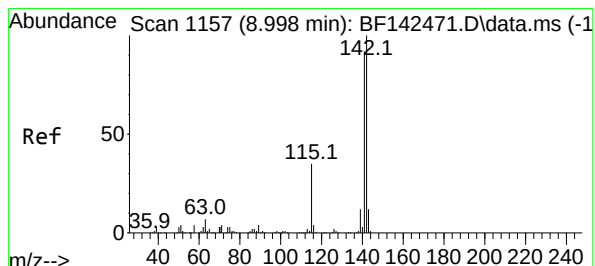
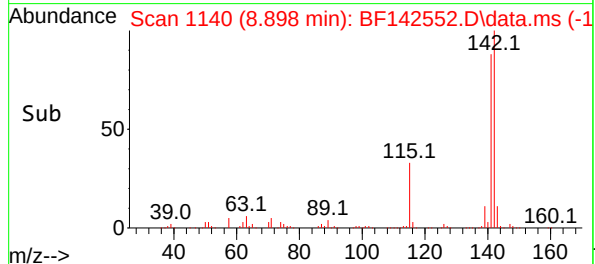
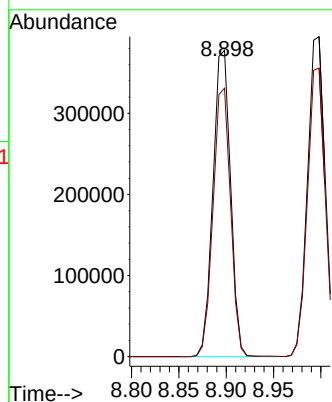
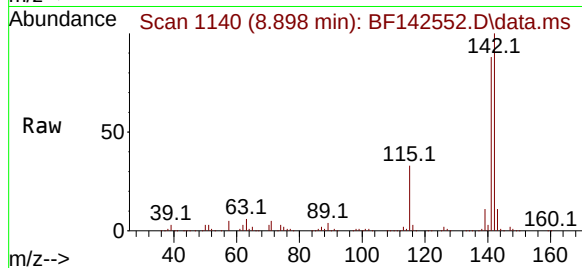




#37
2-Methylnaphthalene
Concen: 37.572 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

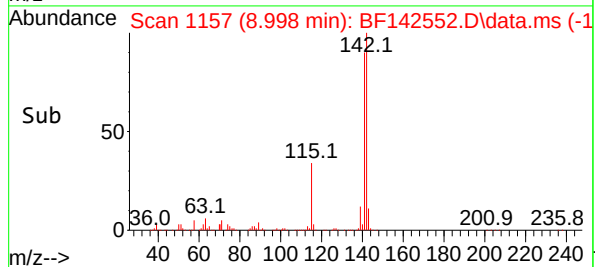
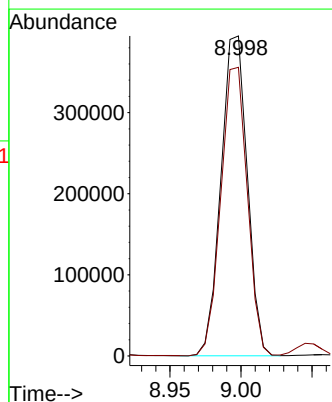
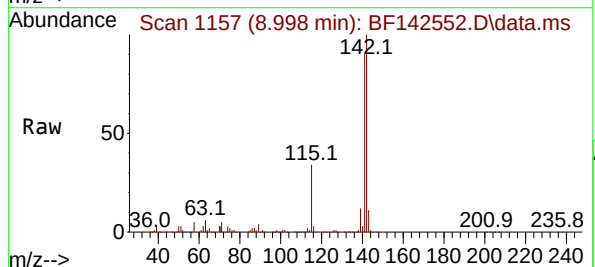
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

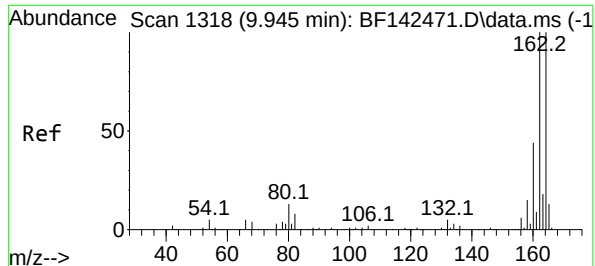
Tgt Ion:142 Resp: 486858
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1



#38
1-Methylnaphthalene
Concen: 37.988 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:142 Resp: 509169
Ion Ratio Lower Upper
142 100
141 90.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

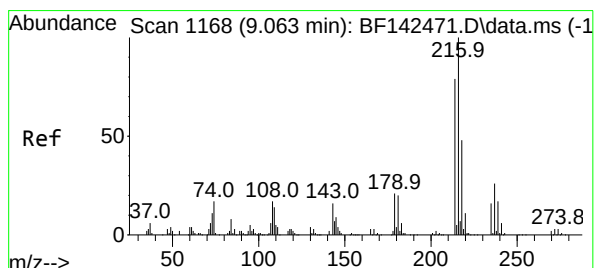
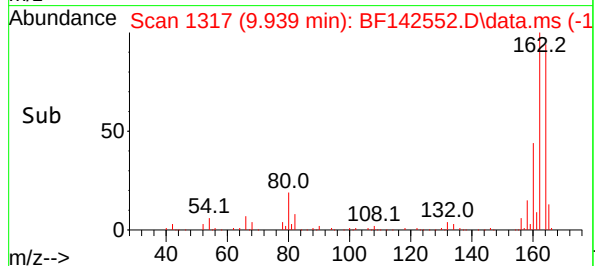
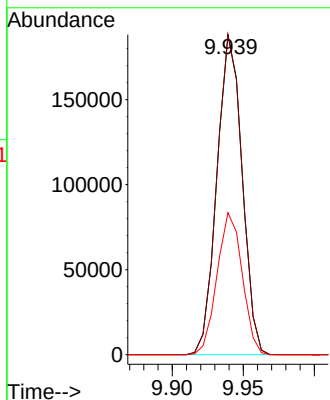
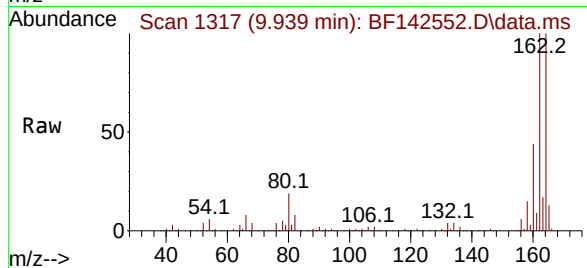
Tgt Ion:164 Resp: 232077

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.4

160 44.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.063 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Tgt Ion:216 Resp: 246912

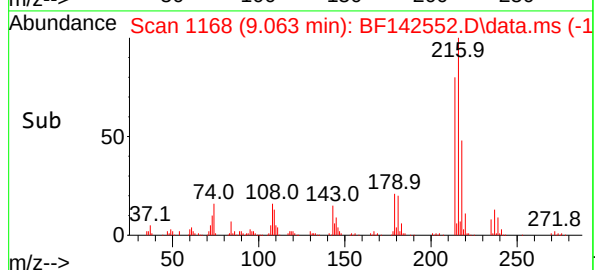
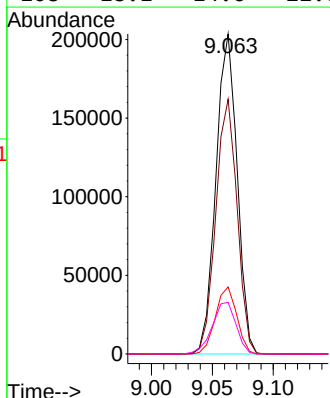
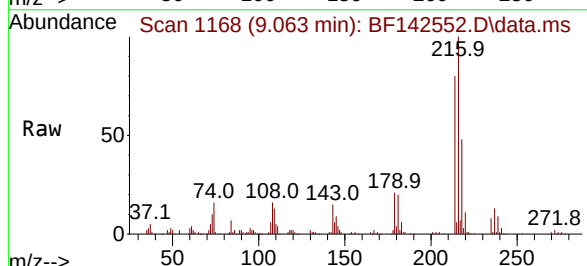
Ion Ratio Lower Upper

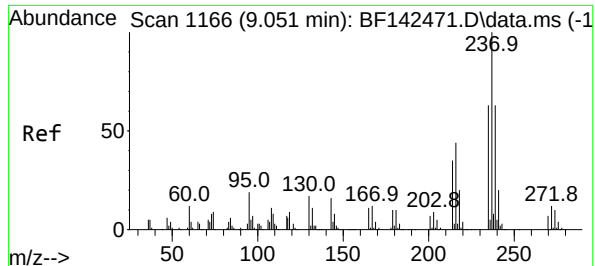
216 100

214 79.9 62.9 94.3

179 21.0 16.9 25.3

108 18.1 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 36.627 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

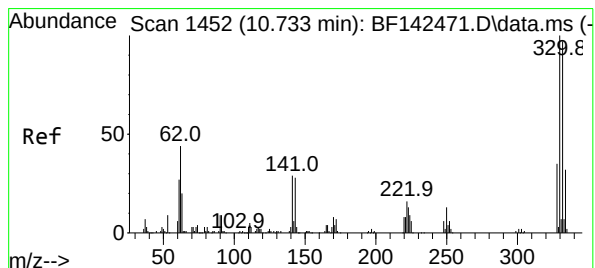
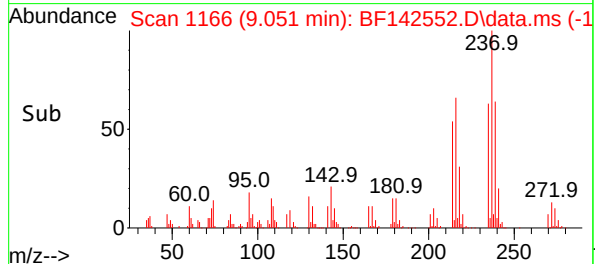
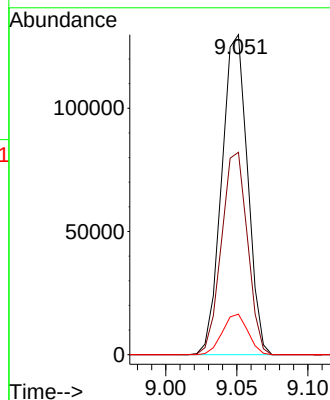
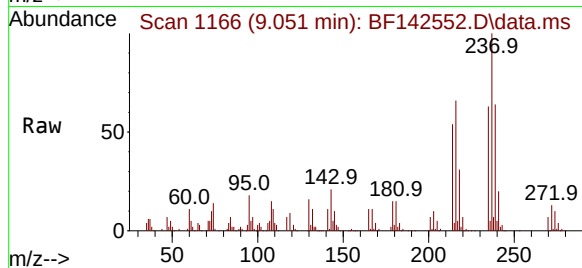
Tgt Ion:237 Resp: 164606

Ion Ratio Lower Upper

237 100

235 63.2 43.3 83.3

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 78.939 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

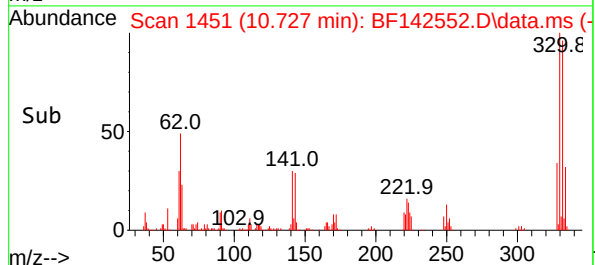
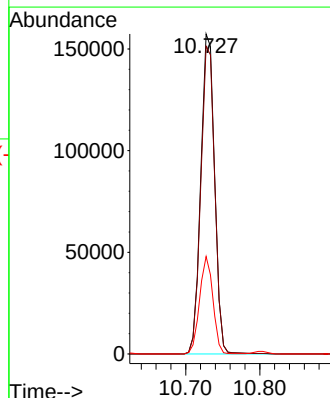
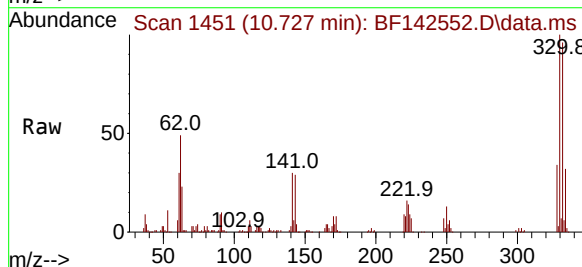
Tgt Ion:330 Resp: 203328

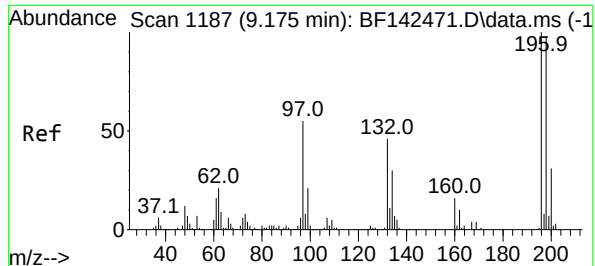
Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 29.4 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 38.001 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

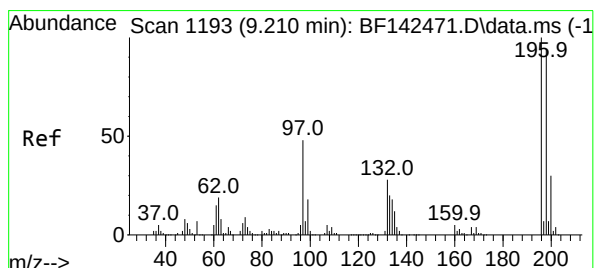
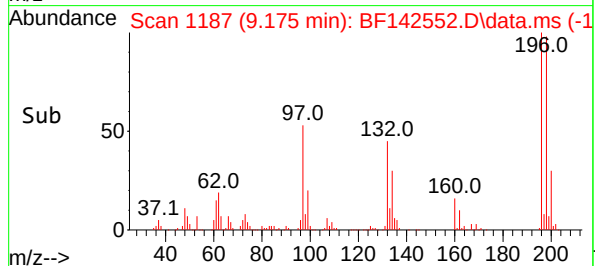
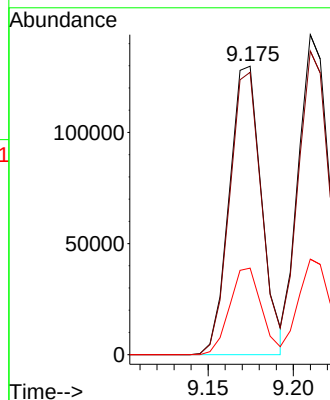
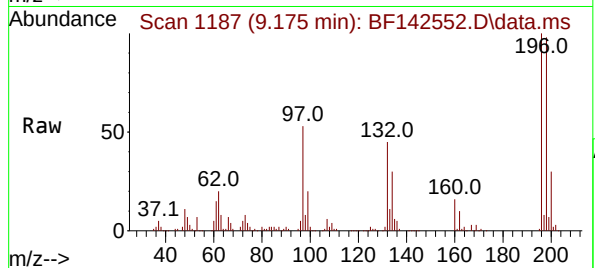
Tgt Ion:196 Resp: 170709

Ion Ratio Lower Upper

196 100

198 97.9 78.8 118.2

200 30.0 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 38.111 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Tgt Ion:196 Resp: 180562

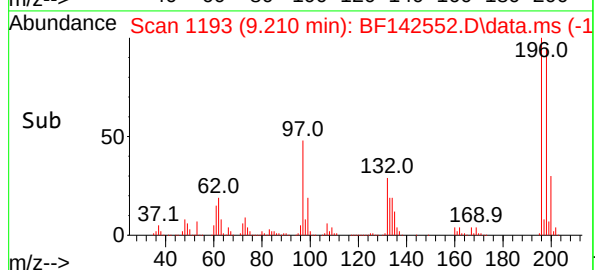
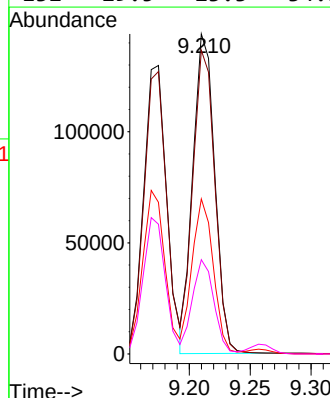
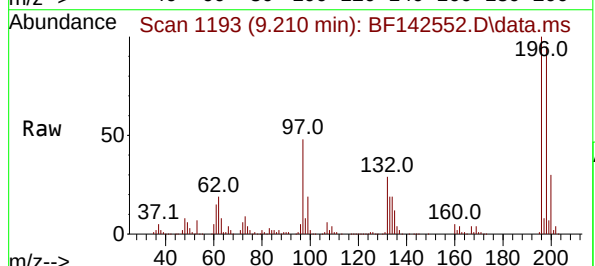
Ion Ratio Lower Upper

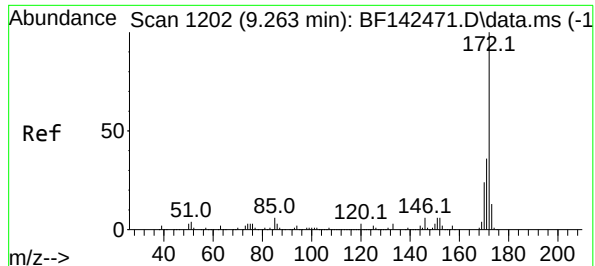
196 100

198 94.9 75.5 113.3

97 48.5 39.3 58.9

132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.255 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

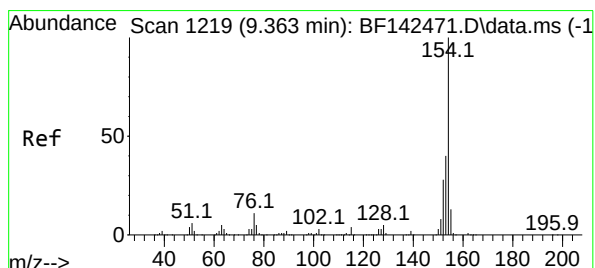
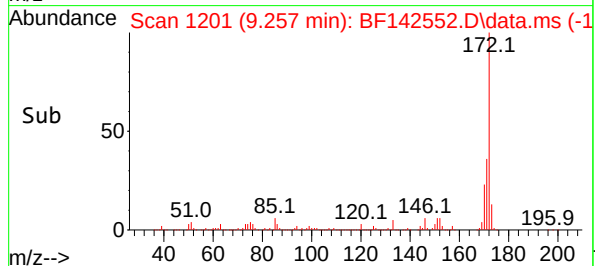
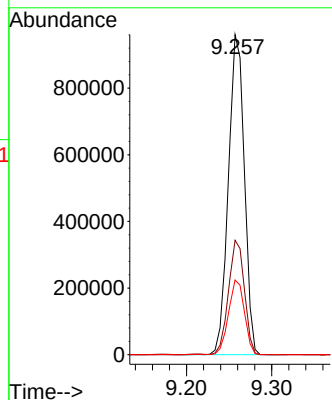
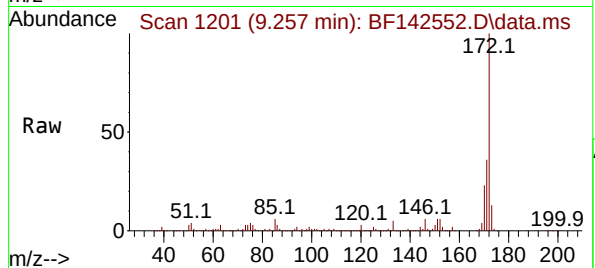
Tgt Ion:172 Resp: 1249653

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 37.289 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

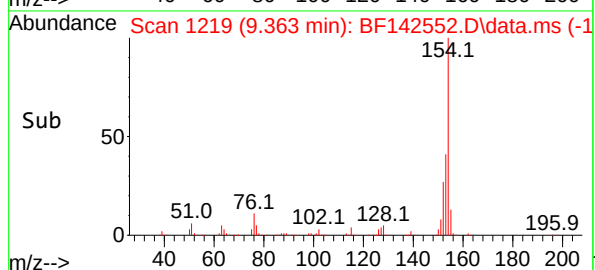
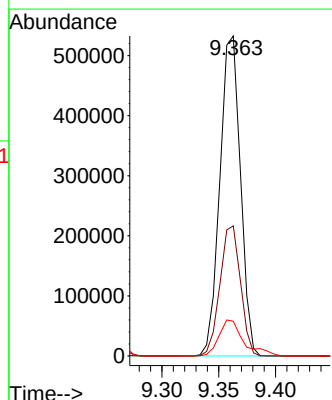
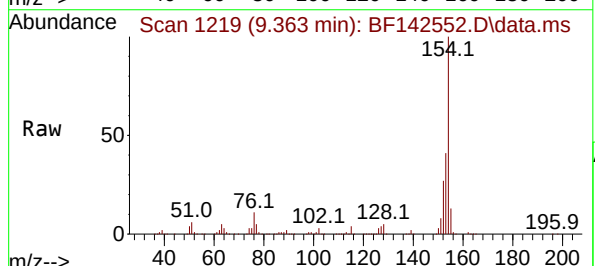
Tgt Ion:154 Resp: 671392

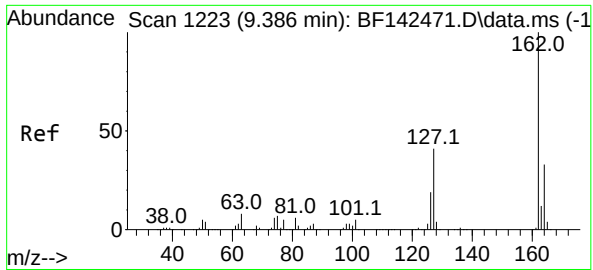
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 37.447 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

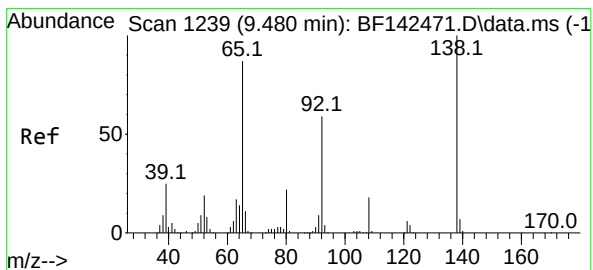
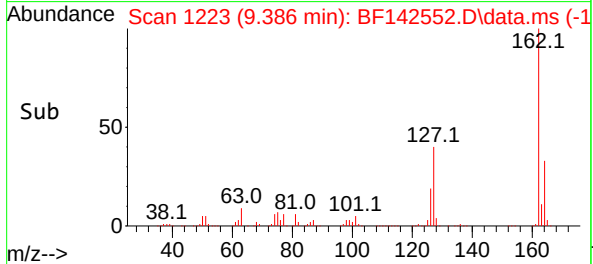
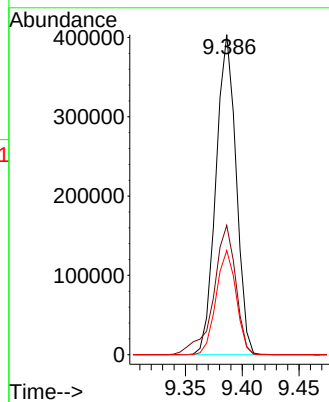
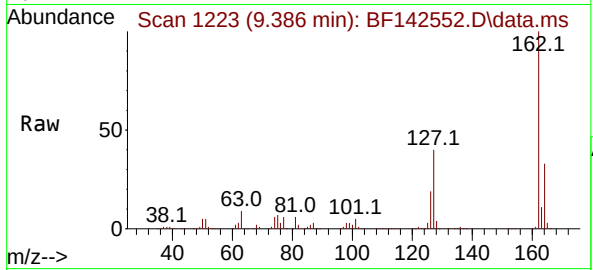
Tgt Ion:162 Resp: 498146

Ion Ratio Lower Upper

162 100

127 40.4 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 40.019 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

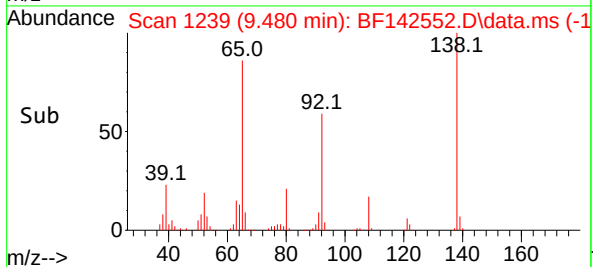
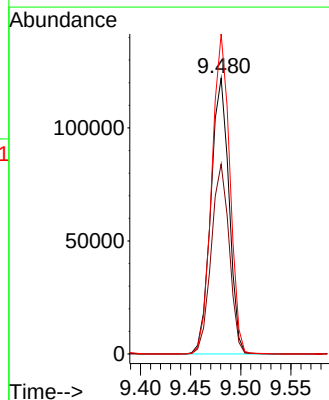
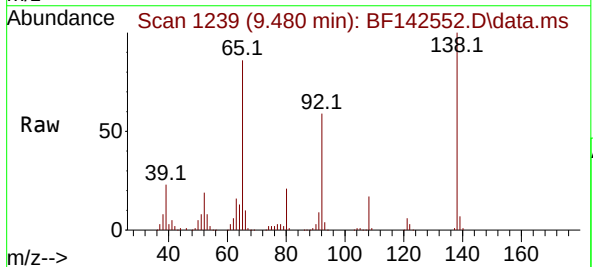
Tgt Ion: 65 Resp: 153877

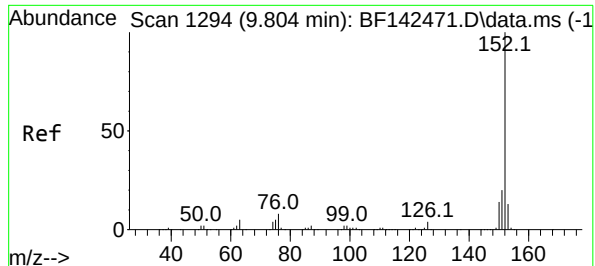
Ion Ratio Lower Upper

65 100

92 68.8 54.4 81.6

138 116.0 91.4 137.2





#49

Acenaphthylene

Concen: 37.968 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

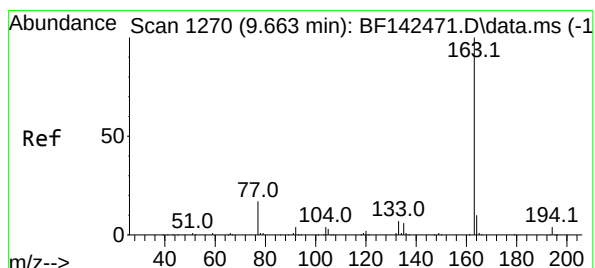
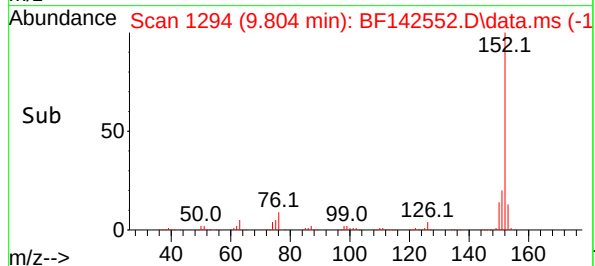
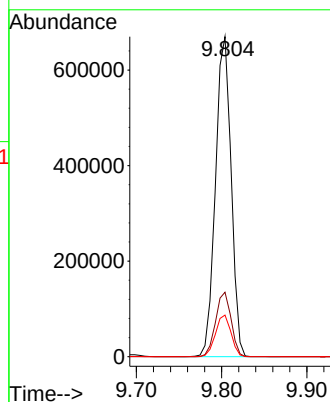
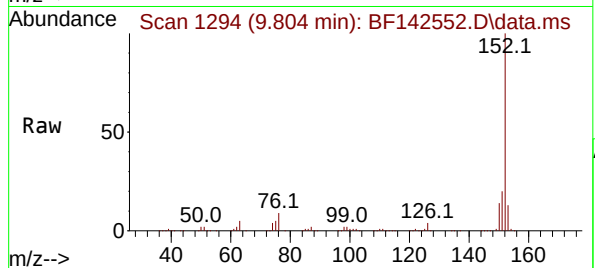
Tgt Ion:152 Resp: 852870

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 38.123 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

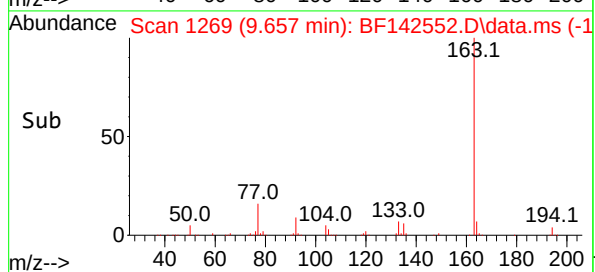
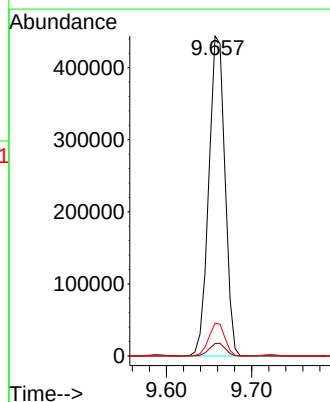
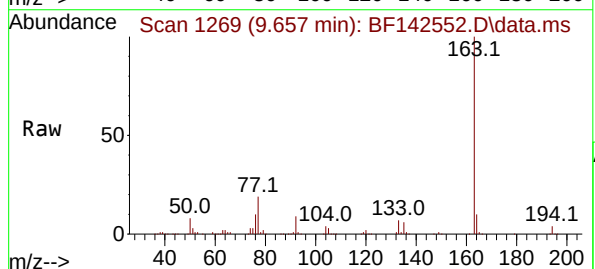
Tgt Ion:163 Resp: 583790

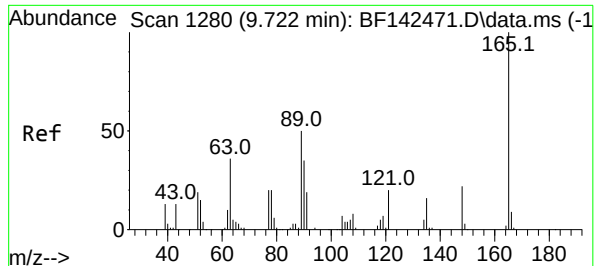
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 8.2 12.4

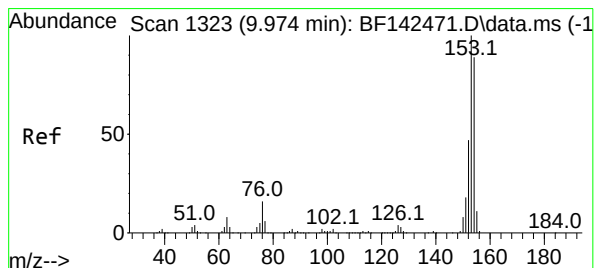
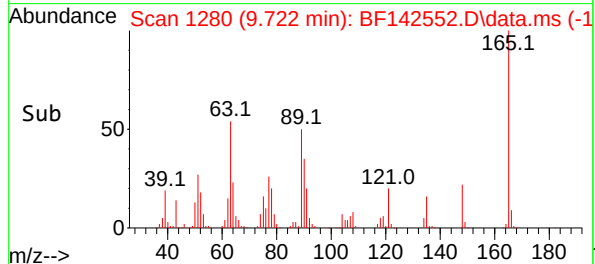
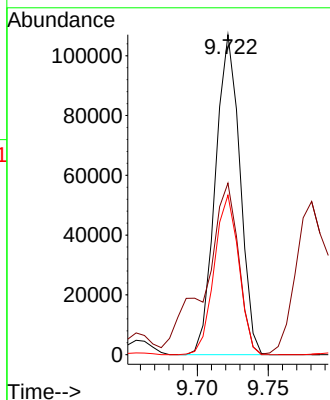
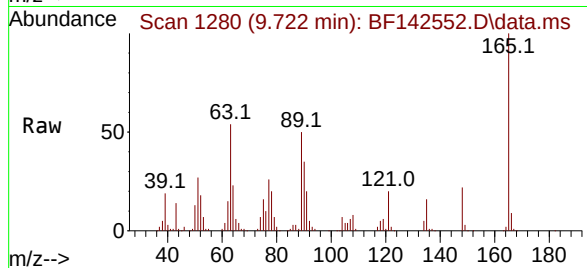




#51
2,6-Dinitrotoluene
Concen: 38.908 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

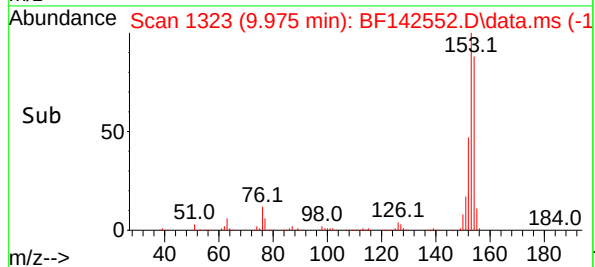
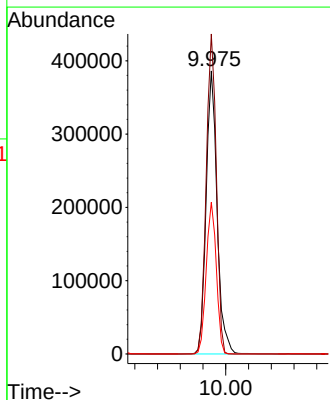
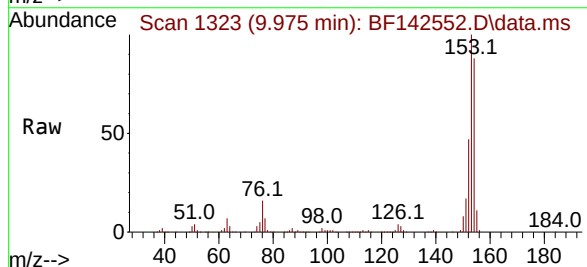
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

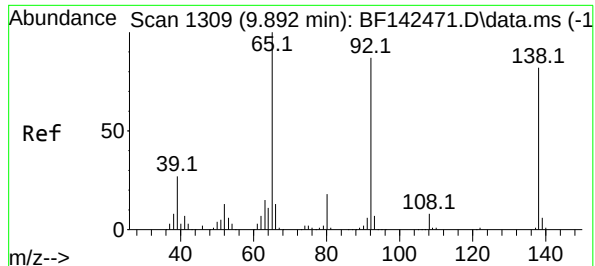
Tgt Ion:165 Resp: 128595
Ion Ratio Lower Upper
165 100
63 53.6 42.9 64.3
89 49.9 40.2 60.4



#52
Acenaphthene
Concen: 37.485 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:154 Resp: 514152
Ion Ratio Lower Upper
154 100
153 113.0 90.0 135.0
152 53.6 42.6 64.0





#53

3-Nitroaniline

Concen: 40.382 ng

RT: 9.892 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

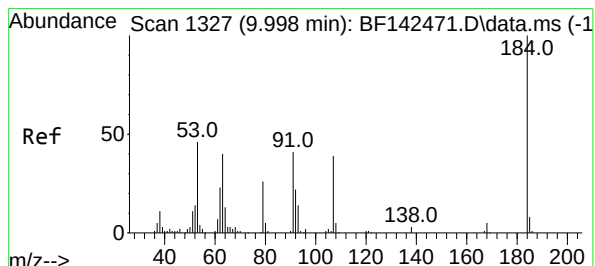
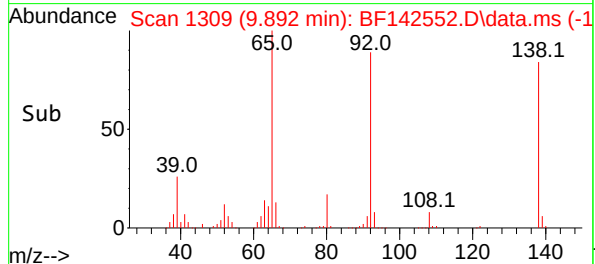
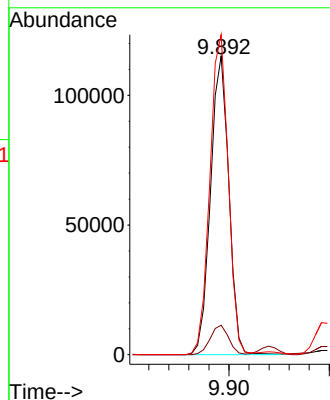
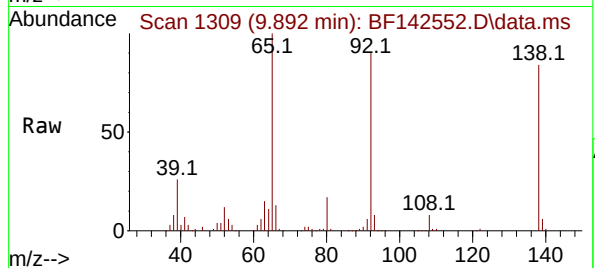
Tgt Ion:138 Resp: 145777

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

92 107.1 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 41.780 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

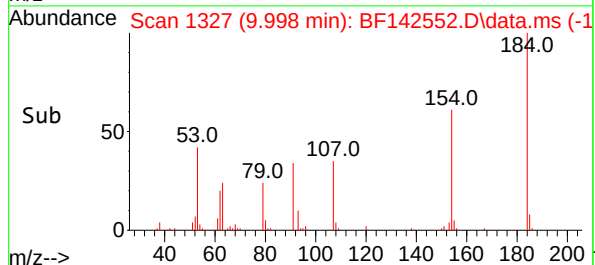
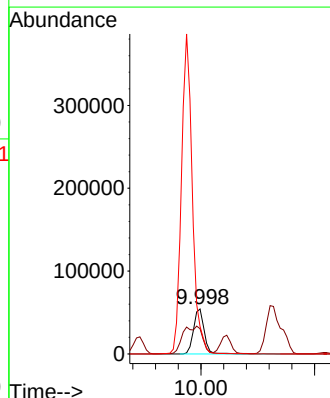
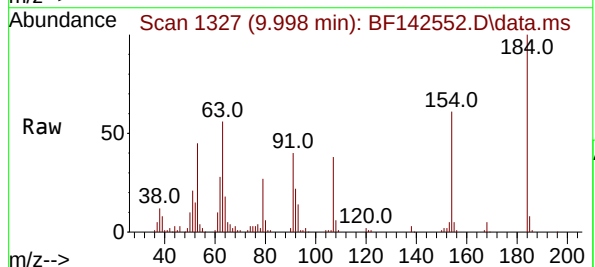
Tgt Ion:184 Resp: 71340

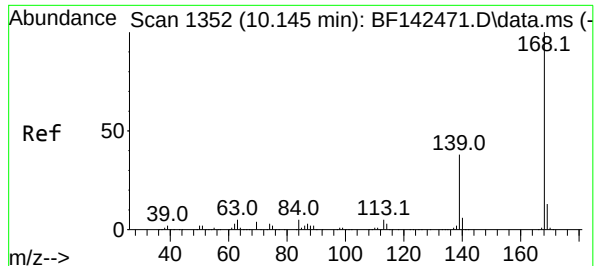
Ion Ratio Lower Upper

184 100

63 56.0 46.3 69.5

154 61.0 56.8 85.2





#55

Dibenzofuran

Concen: 37.962 ng

RT: 10.145 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

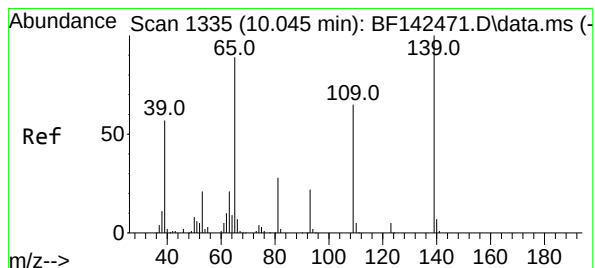
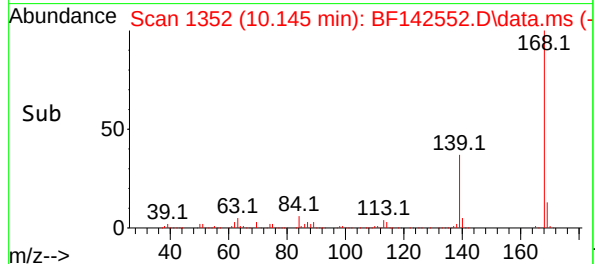
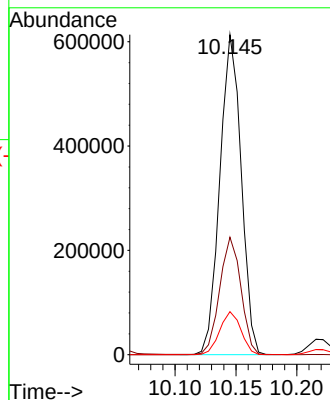
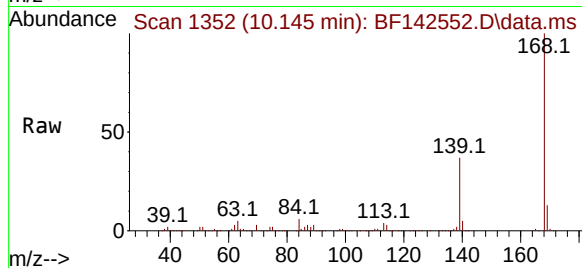
Tgt Ion:168 Resp: 749292

Ion Ratio Lower Upper

168 100

139 36.7 30.2 45.2

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 41.206 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

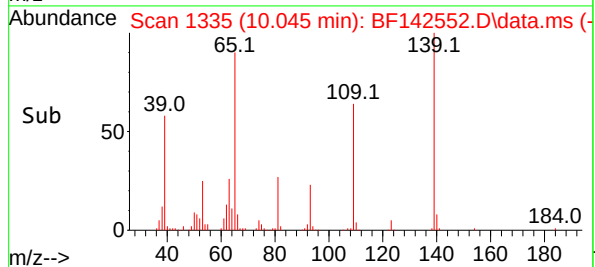
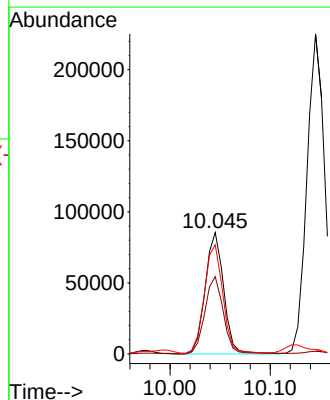
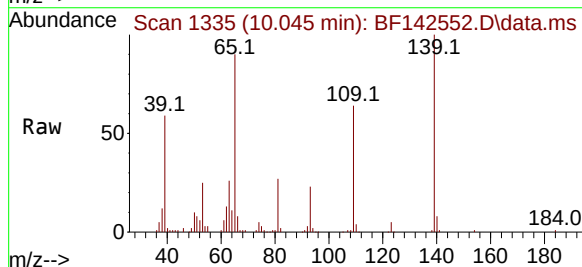
Tgt Ion:139 Resp: 109755

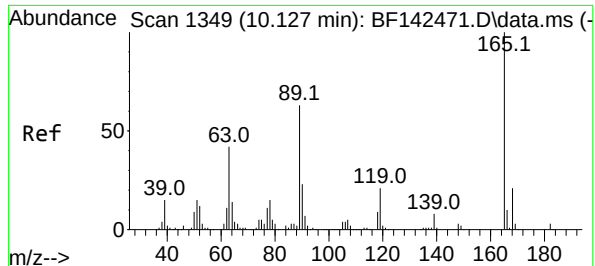
Ion Ratio Lower Upper

139 100

109 63.6 45.1 85.1

65 89.9 69.7 109.7

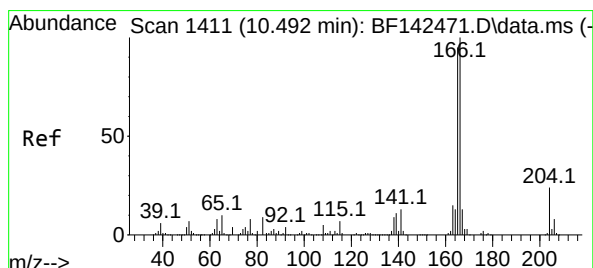
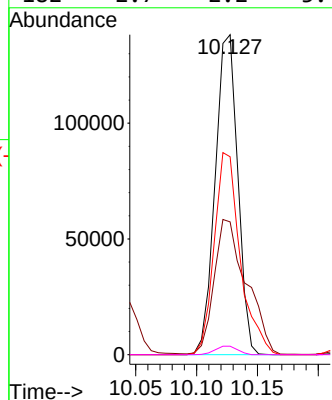
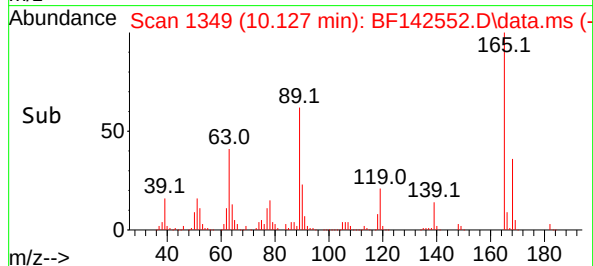
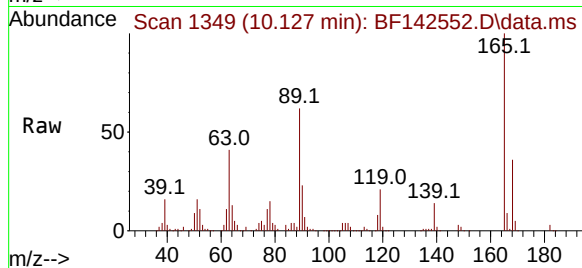




#57
2,4-Dinitrotoluene
Concen: 41.301 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

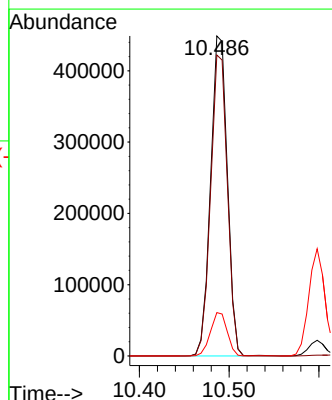
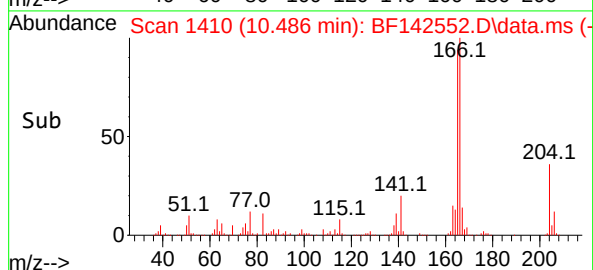
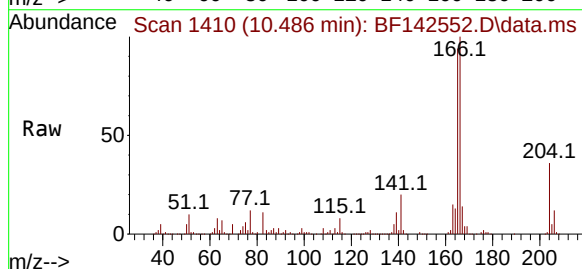
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

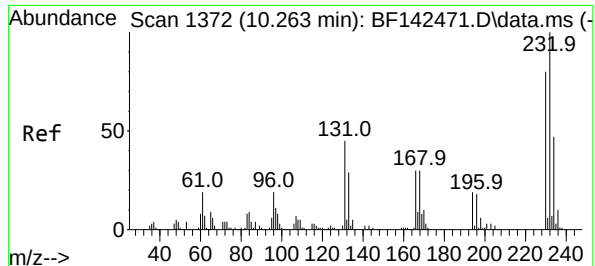
Tgt Ion:165 Resp: 178266
Ion Ratio Lower Upper
165 100
63 41.5 33.6 50.4
89 61.8 50.2 75.4
182 2.7 2.2 3.4



#58
Fluorene
Concen: 38.127 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:166 Resp: 581375
Ion Ratio Lower Upper
166 100
165 94.1 75.8 113.8
167 13.6 10.6 16.0

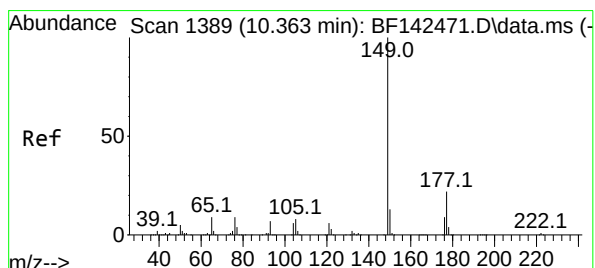
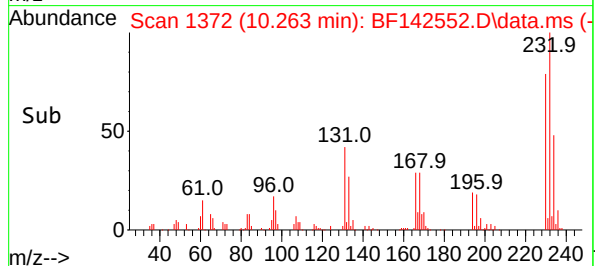
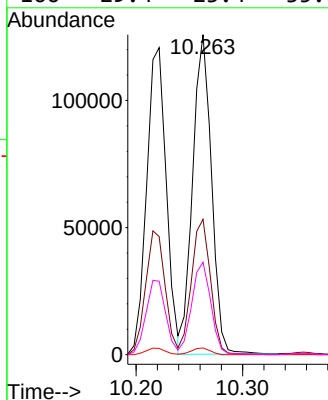
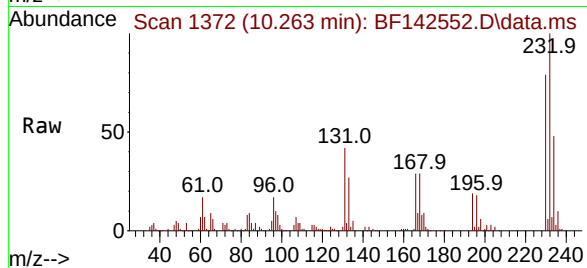




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.117 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

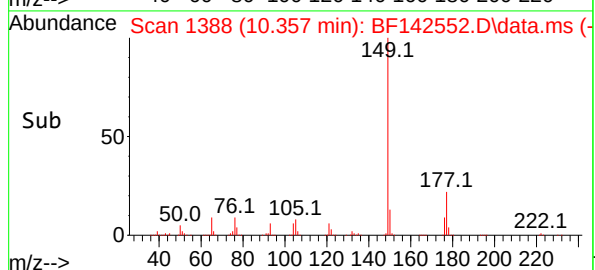
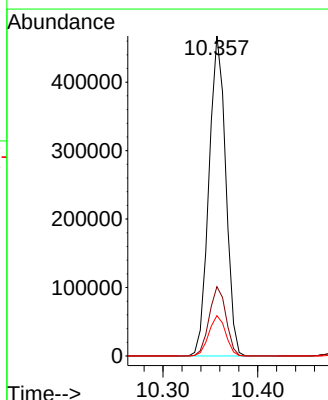
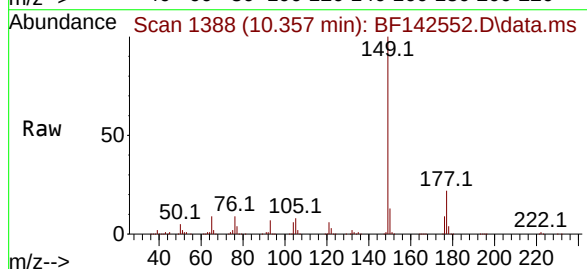
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

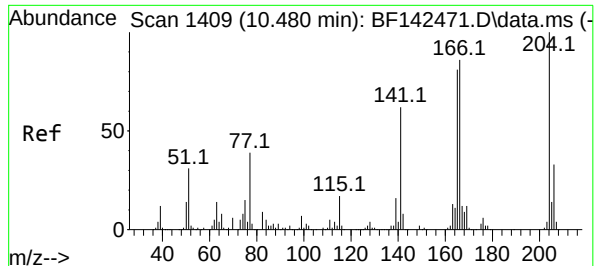
Tgt Ion:232 Resp: 154712
Ion Ratio Lower Upper
232 100
131 43.0 35.2 52.8
130 2.1 1.7 2.5
166 29.4 23.4 35.0



#60
Diethylphthalate
Concen: 38.490 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:149 Resp: 575641
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.6 10.1 15.1

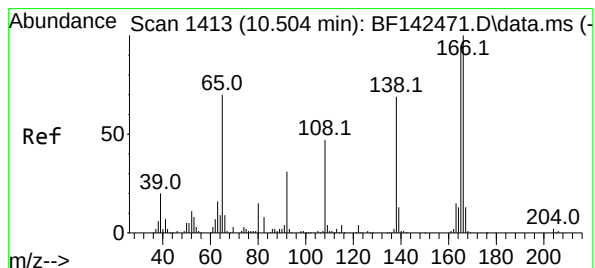
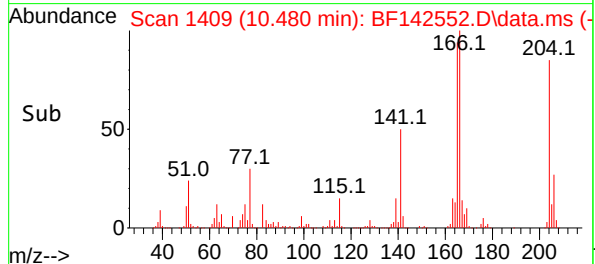
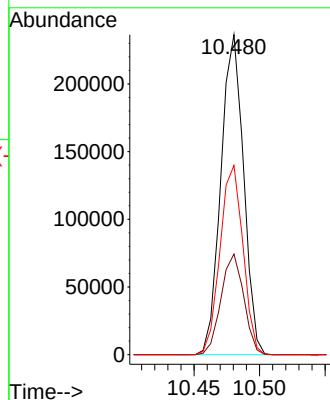
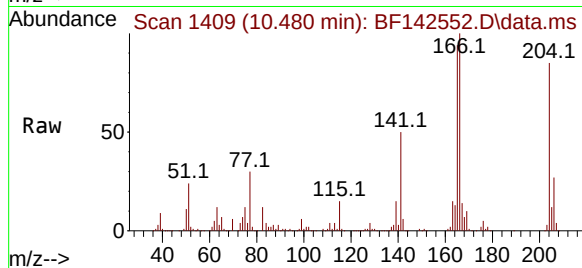




#61
4-Chlorophenyl-phenylether
Concen: 37.878 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

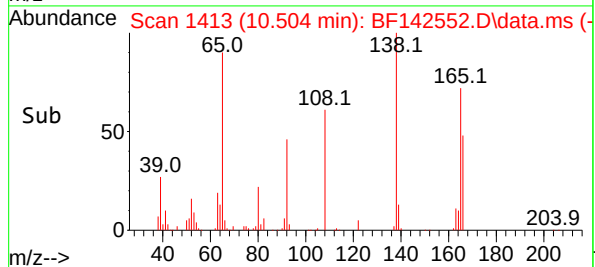
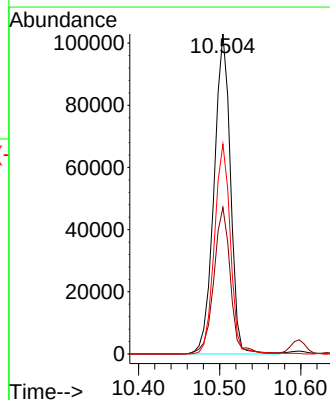
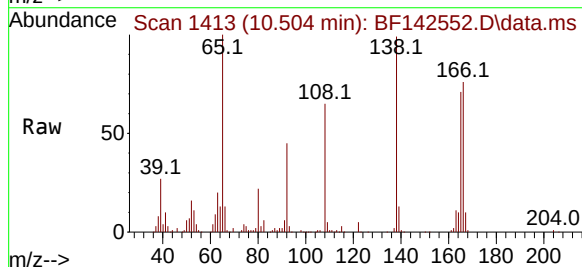
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

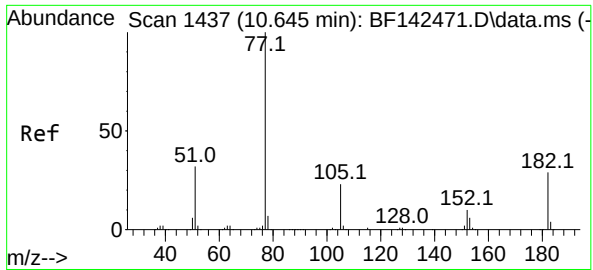
Tgt Ion:204 Resp: 283736
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 59.1 49.5 74.3



#62
4-Nitroaniline
Concen: 44.178 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:138 Resp: 144639
Ion Ratio Lower Upper
138 100
92 45.8 26.0 66.0
108 65.6 48.4 88.4

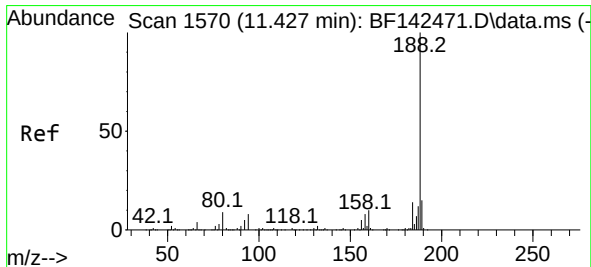
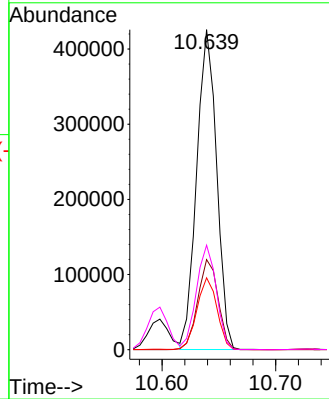
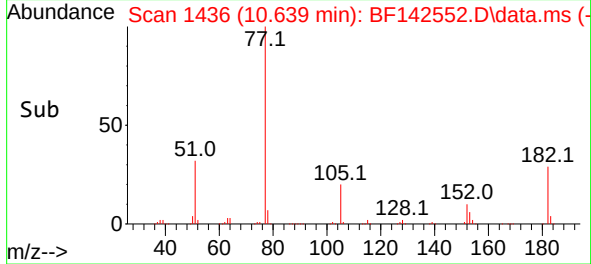
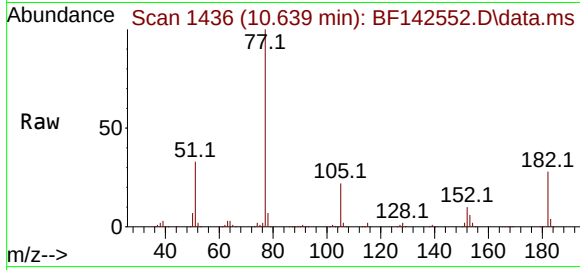




#63
Azobenzene
Concen: 38.688 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

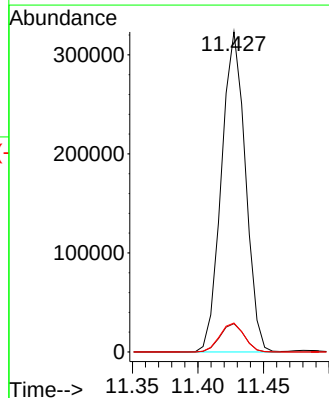
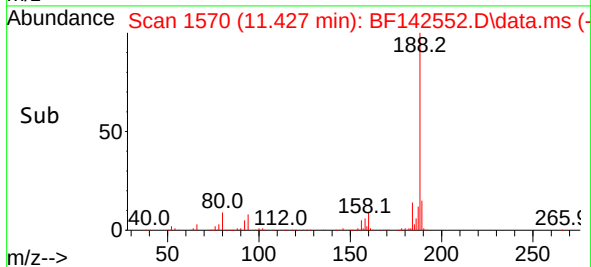
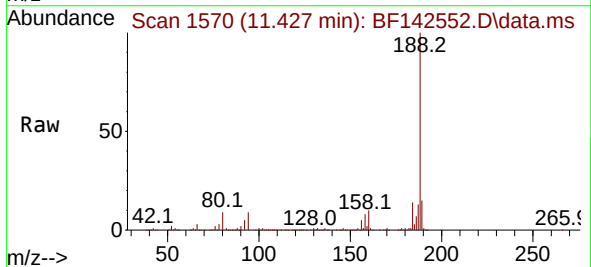
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

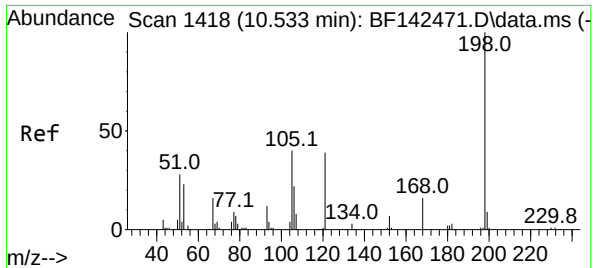
Tgt Ion: 77 Resp: 519690
Ion Ratio Lower Upper
77 100
182 28.1 9.0 49.0
105 22.5 2.4 42.4
51 32.7 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 188 Resp: 411171
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.1 7.4 11.0

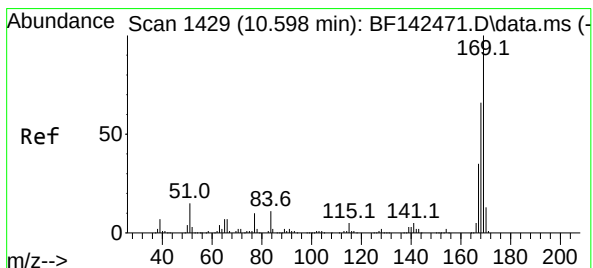
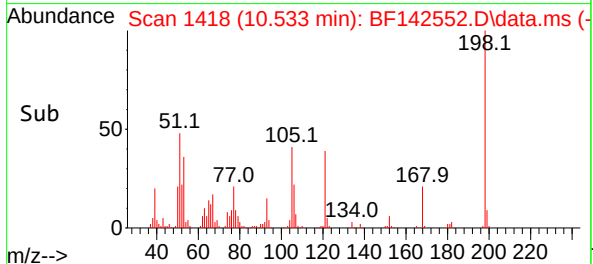
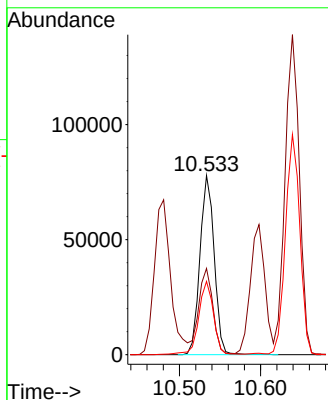
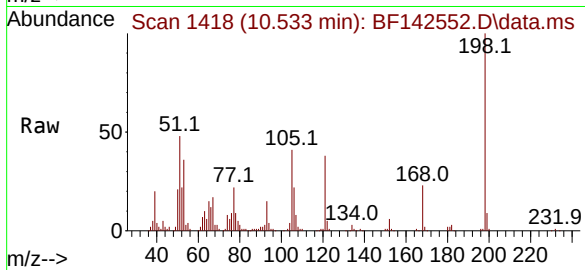




#65
4,6-Dinitro-2-methylphenol
Concen: 41.404 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

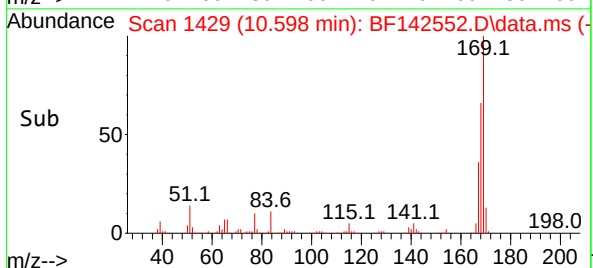
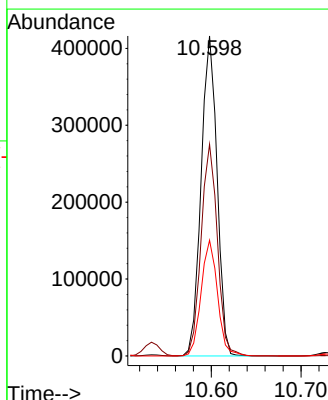
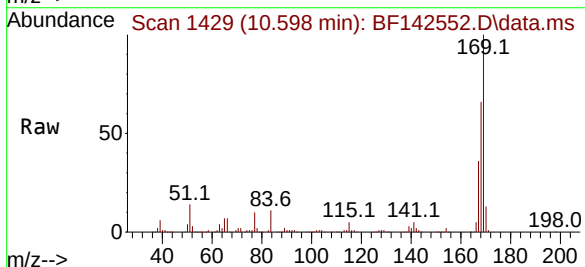
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

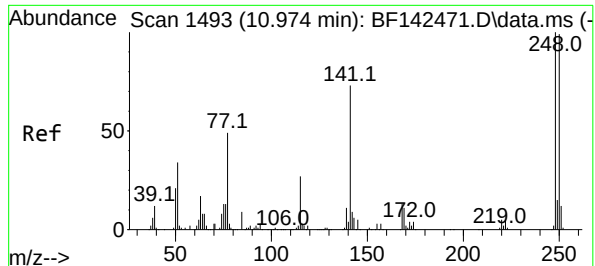
Tgt Ion:198 Resp: 95007
Ion Ratio Lower Upper
198 100
51 48.1 28.3 68.3
105 40.9 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 36.536 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:169 Resp: 513957
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 36.1 28.3 42.5

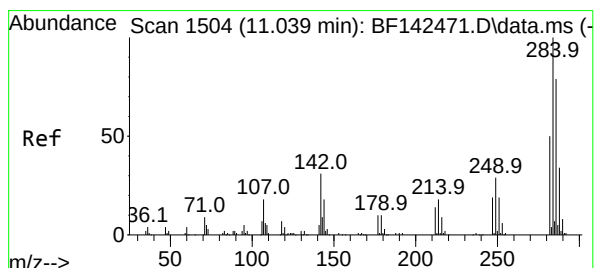
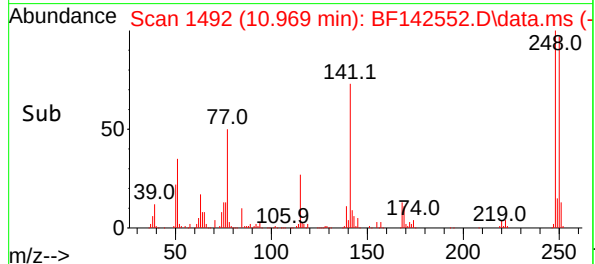
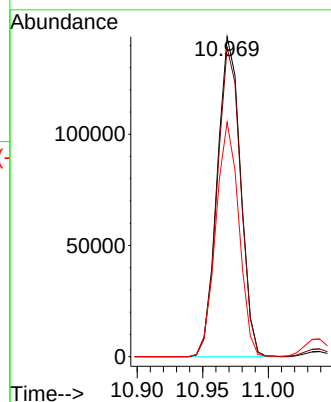
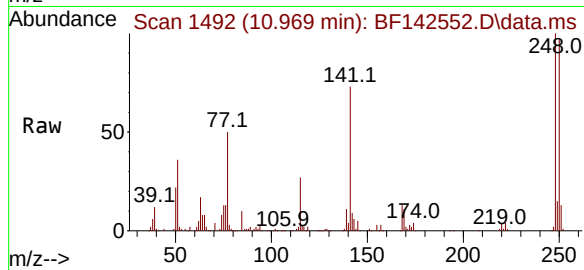




#67
4-Bromophenyl-phenylether
Concen: 36.559 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

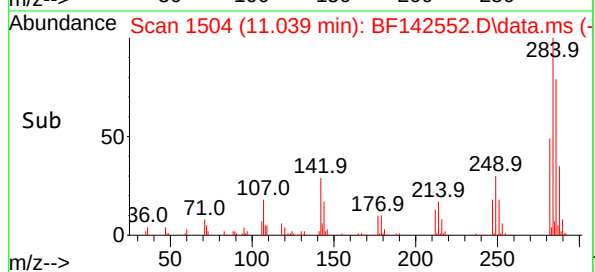
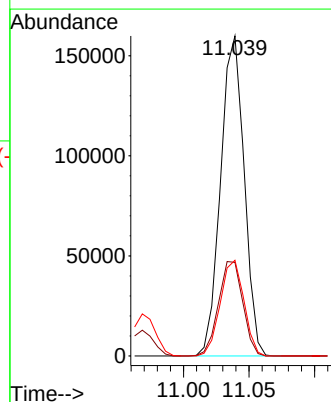
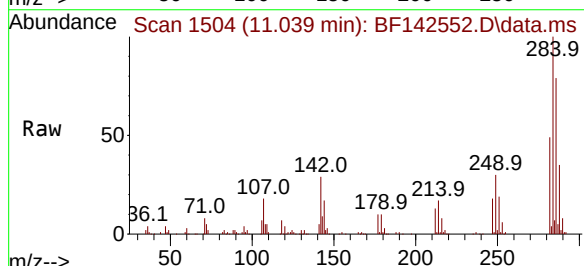
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

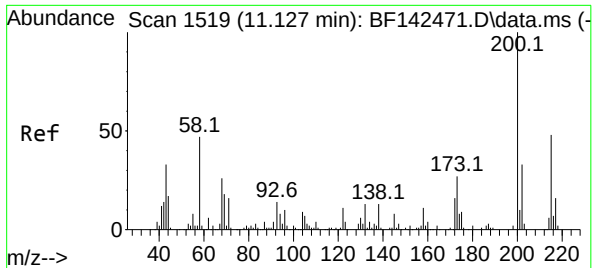
Tgt Ion:248 Resp: 177745
Ion Ratio Lower Upper
248 100
250 96.7 79.0 118.4
141 73.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 37.084 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:284 Resp: 199413
Ion Ratio Lower Upper
284 100
142 29.2 24.8 37.2
249 29.9 23.6 35.4





#69

Atrazine

Concen: 40.781 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

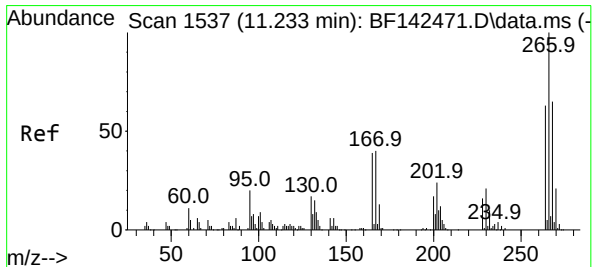
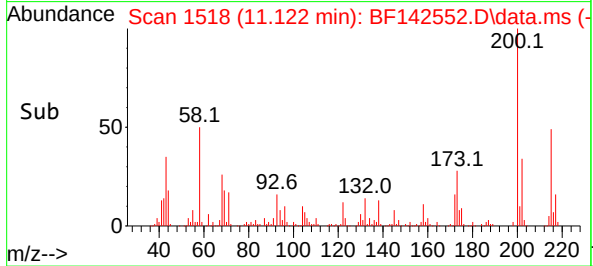
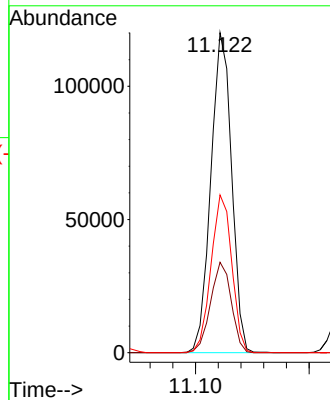
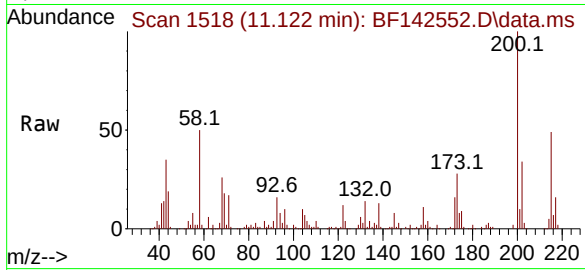
Tgt Ion:200 Resp: 152351

Ion Ratio Lower Upper

200 100

173 28.2 7.4 47.4

215 49.3 28.5 68.5



#70

Pentachlorophenol

Concen: 38.690 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

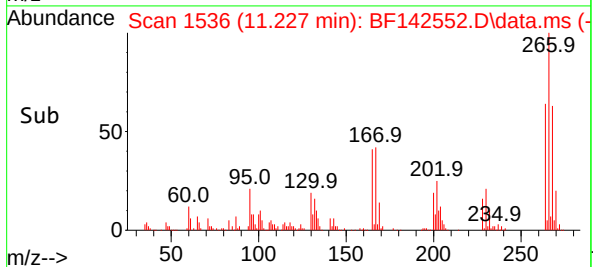
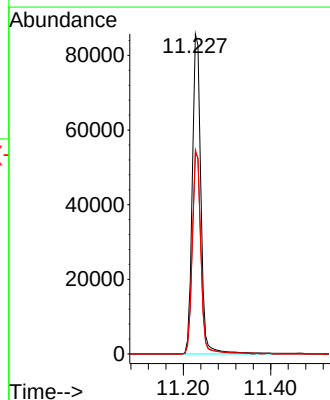
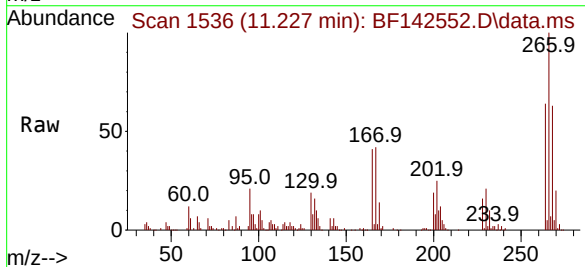
Tgt Ion:266 Resp: 117460

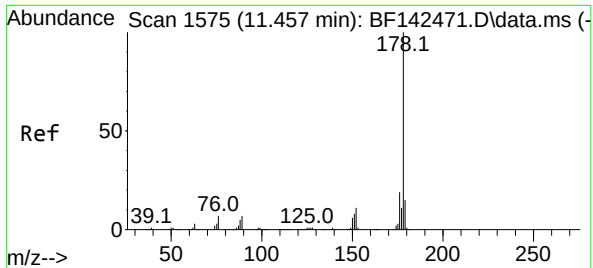
Ion Ratio Lower Upper

266 100

268 63.0 51.7 77.5

264 63.9 50.4 75.6





#71

Phenanthrene

Concen: 37.771 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

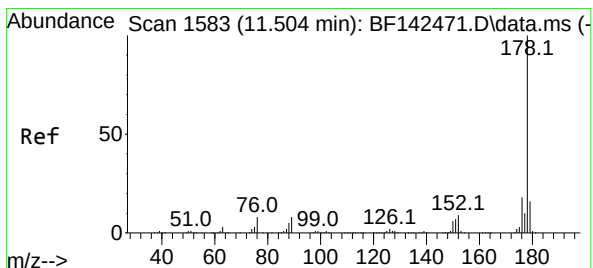
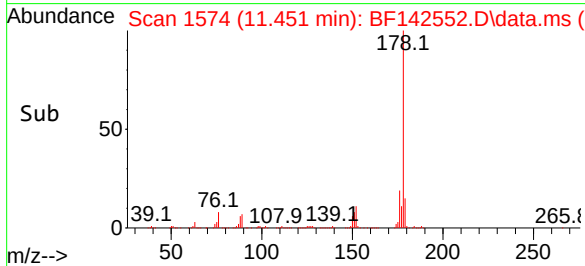
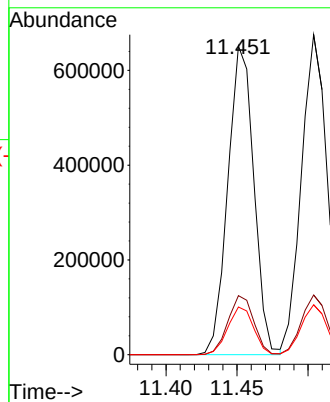
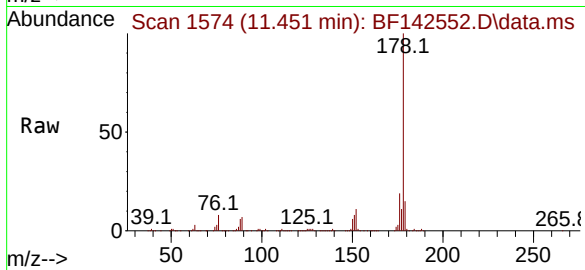
Tgt Ion:178 Resp: 829968

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.5 12.3 18.5



#72

Anthracene

Concen: 37.659 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

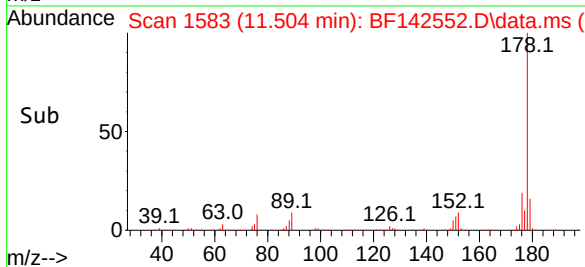
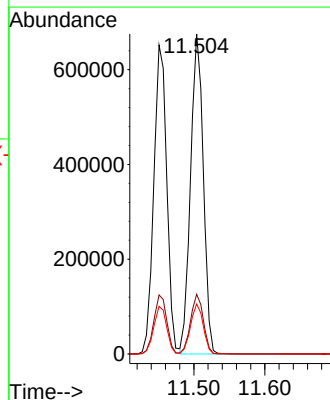
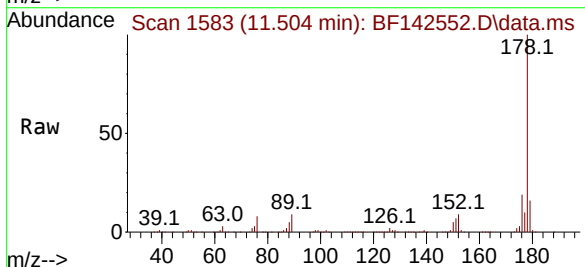
Tgt Ion:178 Resp: 844543

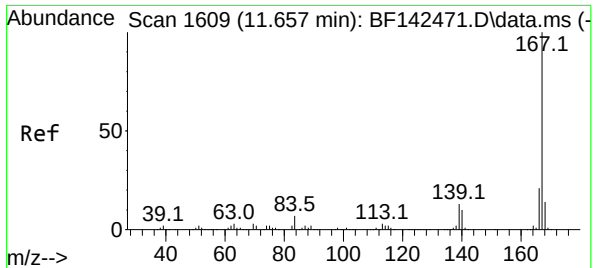
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.6 12.4 18.6

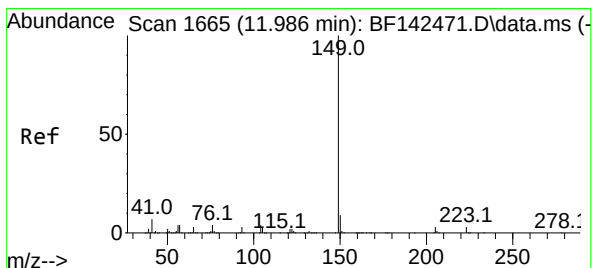
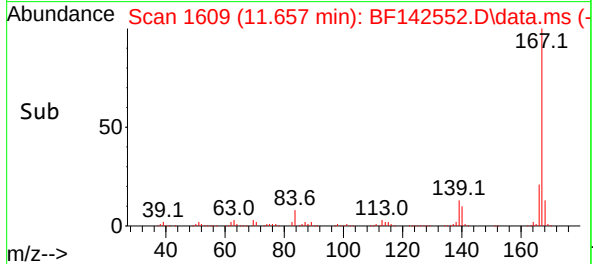
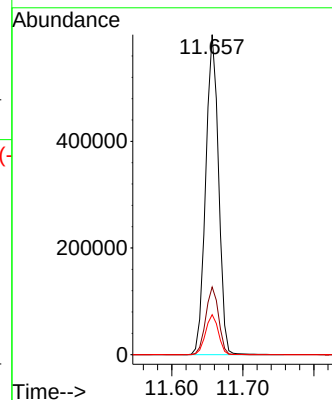
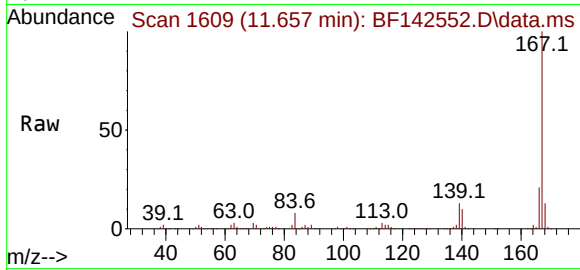




#73
Carbazole
Concen: 39.542 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

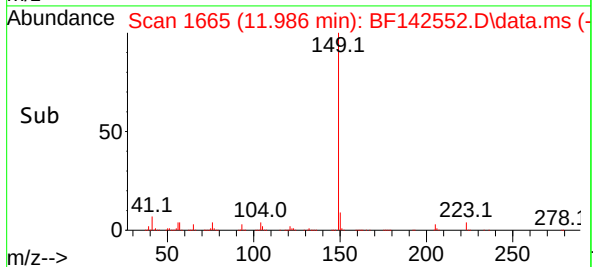
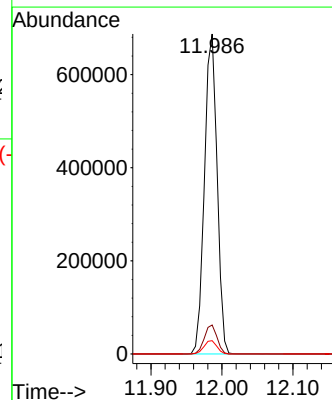
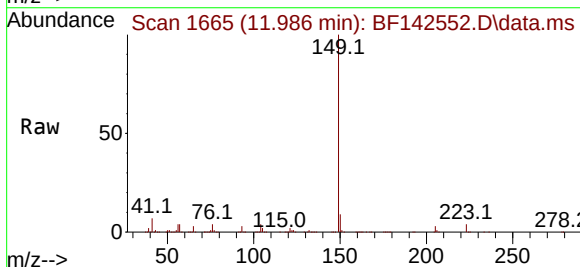
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

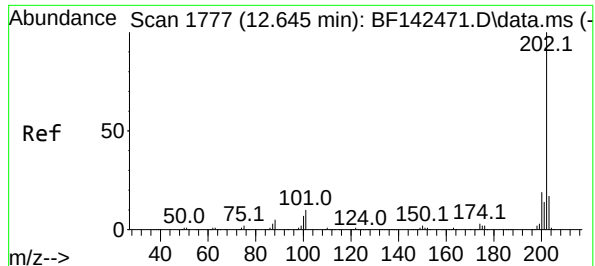
Tgt Ion:167 Resp: 758086
Ion Ratio Lower Upper
167 100
166 21.2 16.9 25.3
139 12.5 10.2 15.4



#74
Di-n-butylphthalate
Concen: 40.587 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:149 Resp: 851727
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 41.393 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

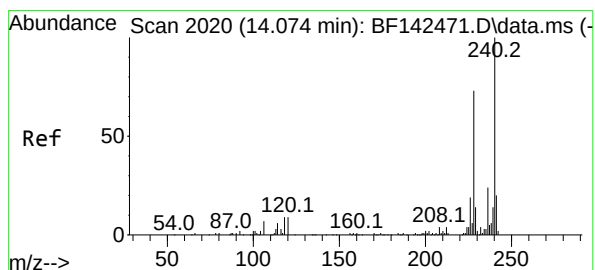
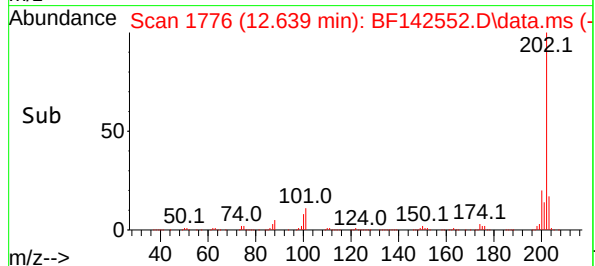
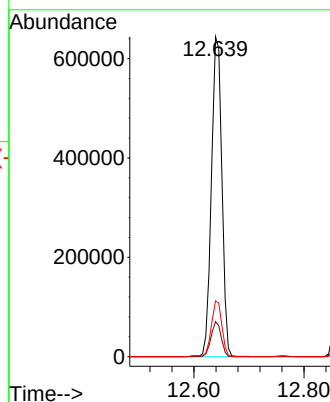
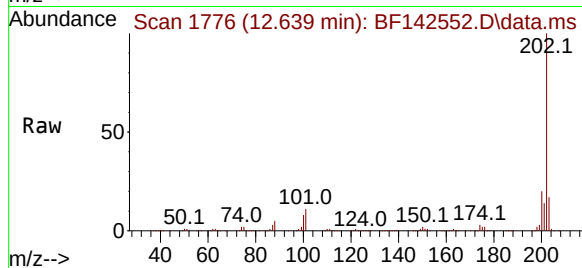
Tgt Ion:202 Resp: 849891

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.6

203 17.5 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

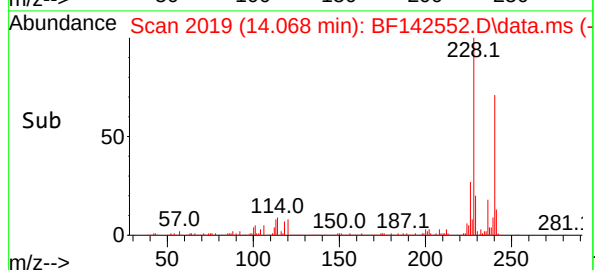
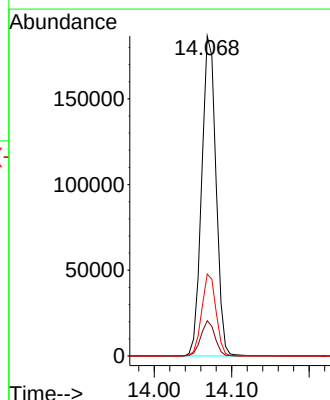
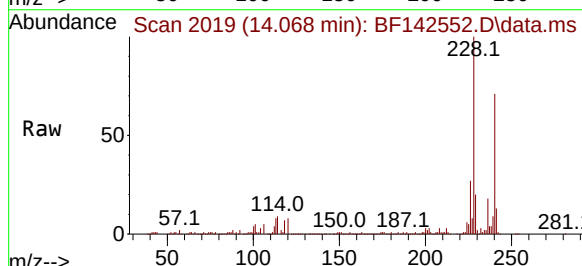
Tgt Ion:240 Resp: 239311

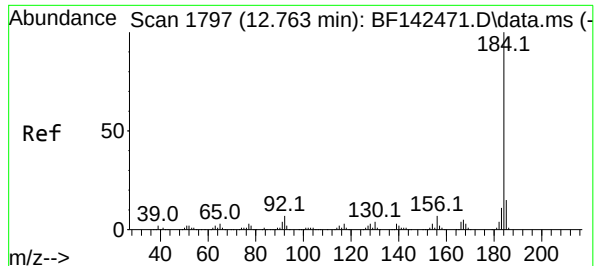
Ion Ratio Lower Upper

240 100

120 11.0 7.5 11.3

236 25.6 19.6 29.4





#77

Benzidine

Concen: 43.939 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

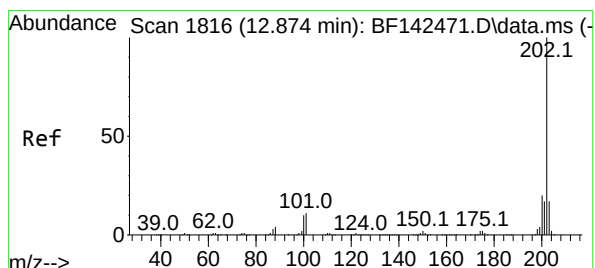
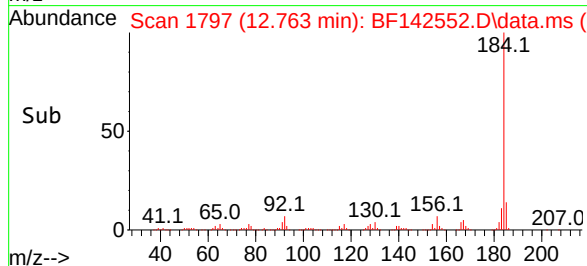
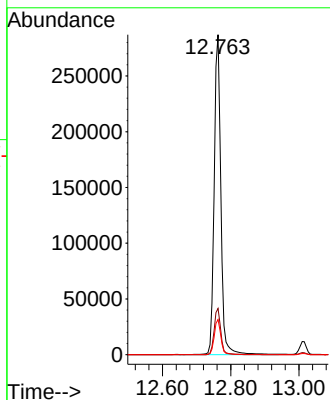
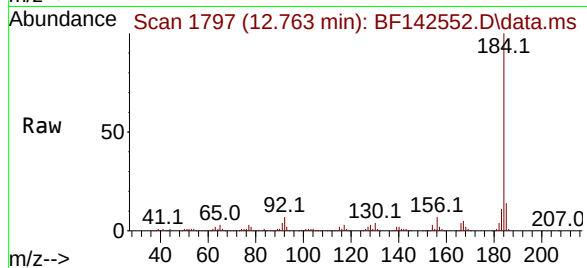
Tgt Ion:184 Resp: 391300

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 11.0 9.0 13.4



#78

Pyrene

Concen: 37.336 ng

RT: 12.868 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

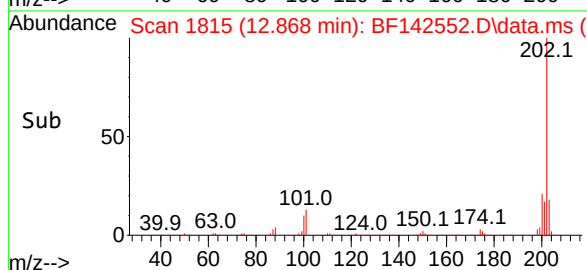
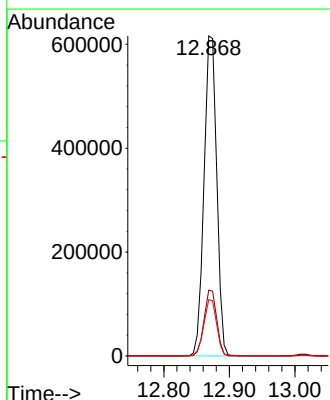
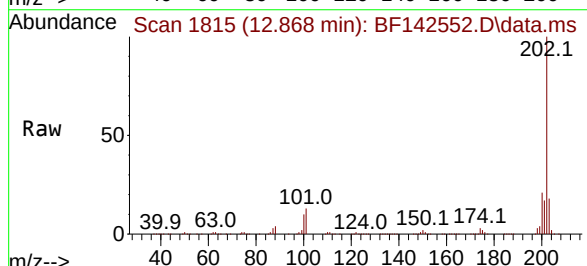
Tgt Ion:202 Resp: 833498

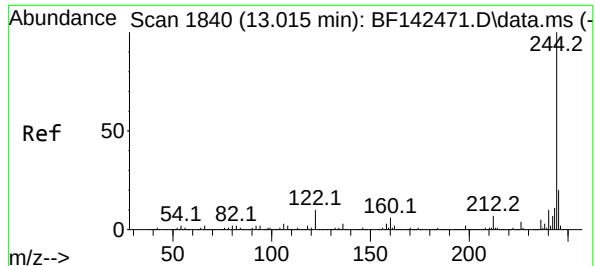
Ion Ratio Lower Upper

202 100

200 20.5 16.1 24.1

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 73.203 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

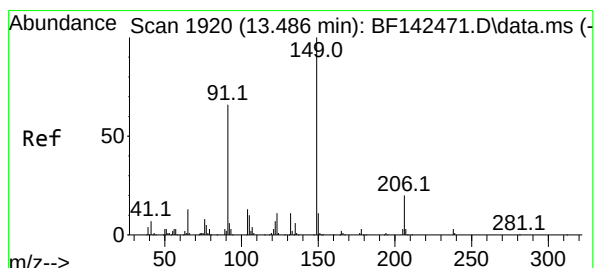
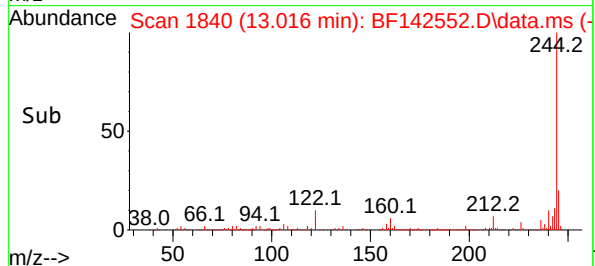
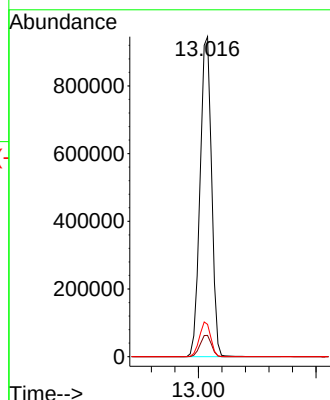
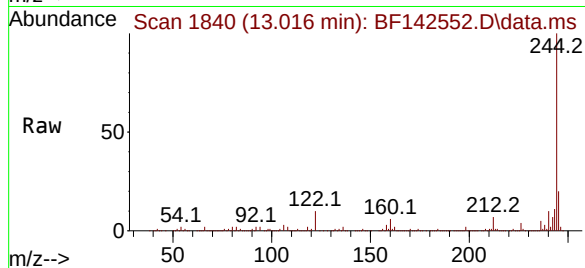
Tgt Ion:244 Resp: 1281938

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 42.823 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

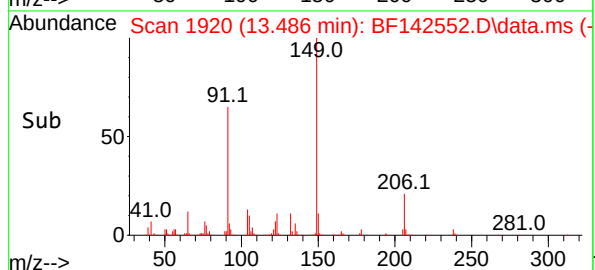
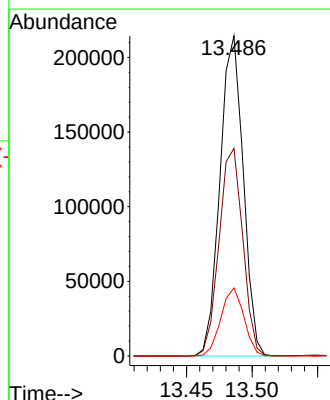
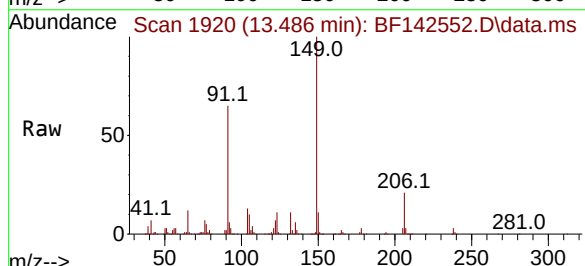
Tgt Ion:149 Resp: 264157

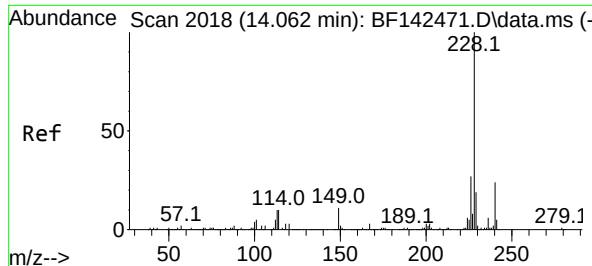
Ion Ratio Lower Upper

149 100

91 64.8 52.9 79.3

206 21.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.806 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

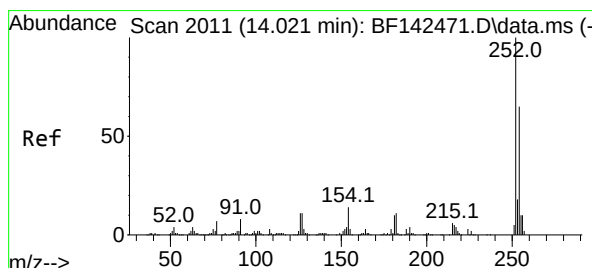
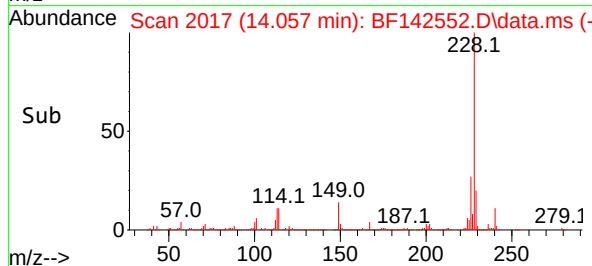
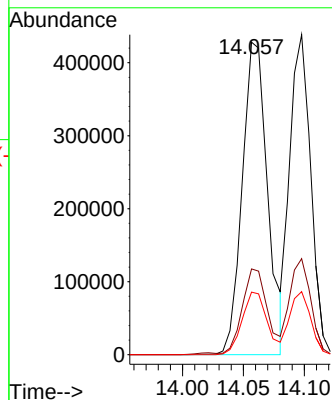
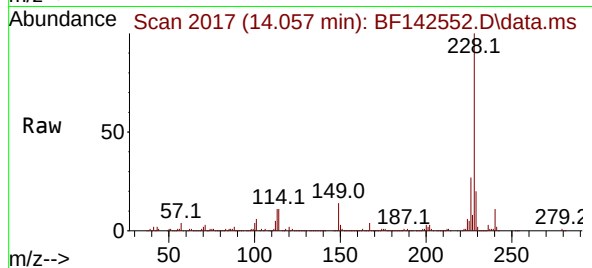
Tgt Ion:228 Resp: 620117

Ion Ratio Lower Upper

228 100

226 27.5 21.2 31.8

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 39.358 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

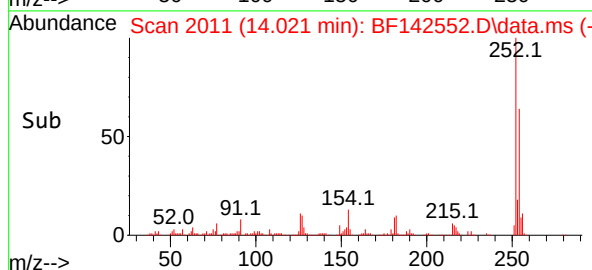
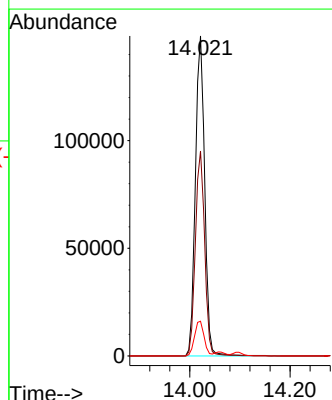
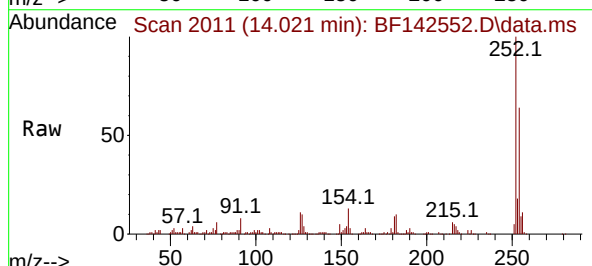
Tgt Ion:252 Resp: 190764

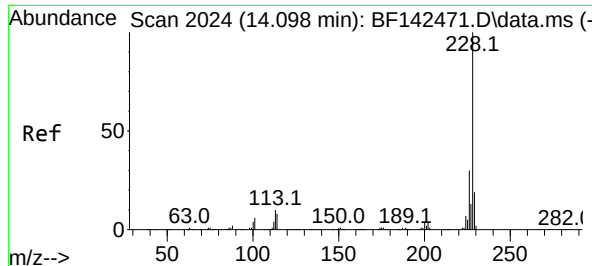
Ion Ratio Lower Upper

252 100

254 64.1 52.0 78.0

126 10.8 8.9 13.3





#83

Chrysene

Concen: 36.825 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

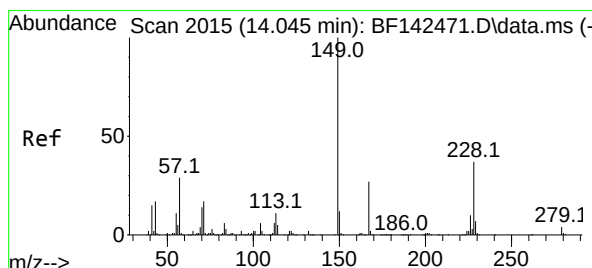
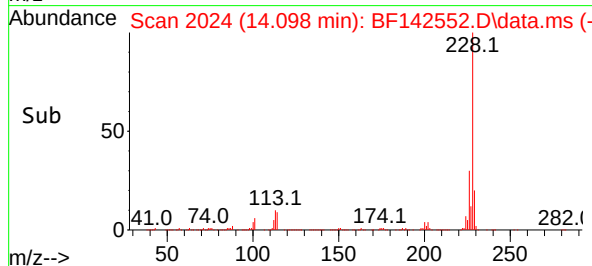
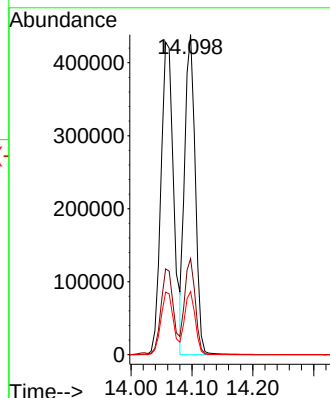
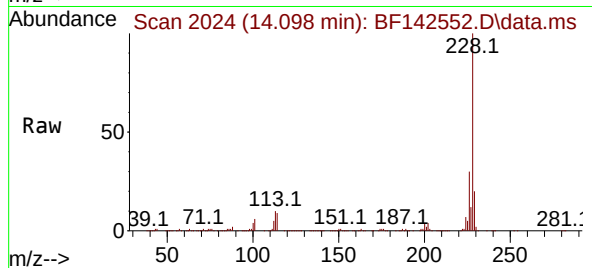
Tgt Ion:228 Resp: 528766

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.132 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

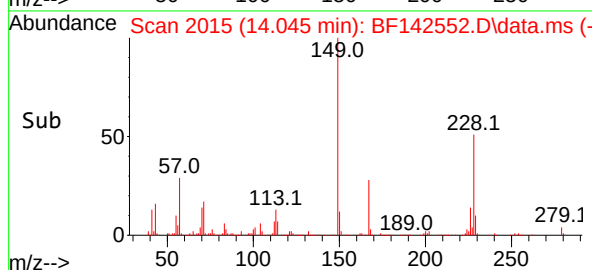
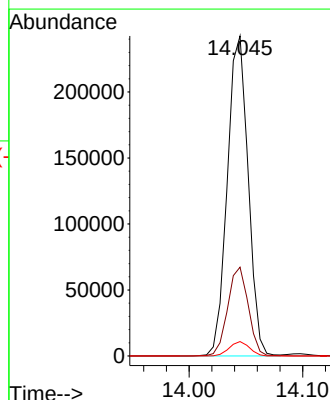
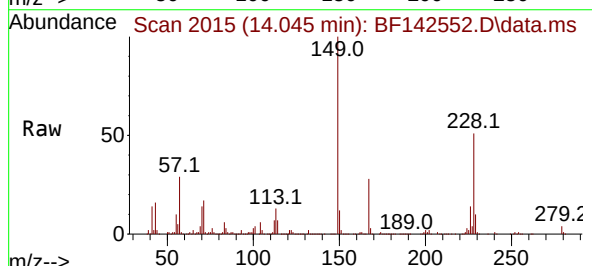
Tgt Ion:149 Resp: 309018

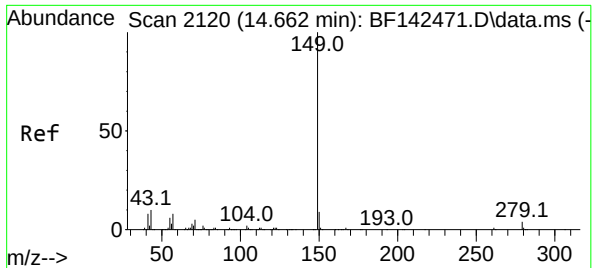
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.5 3.2 4.8

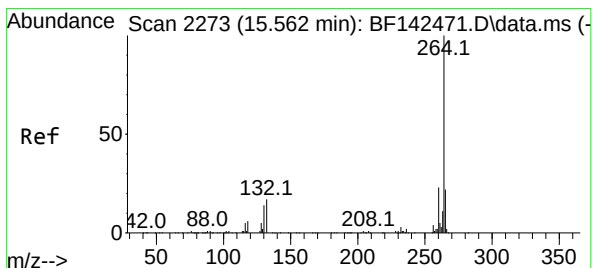
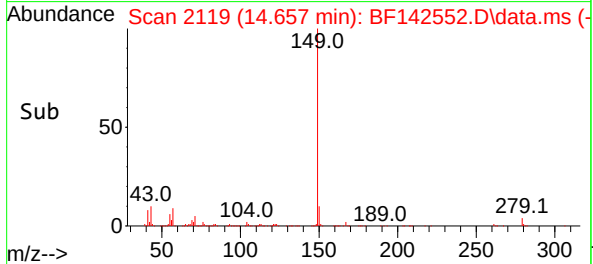
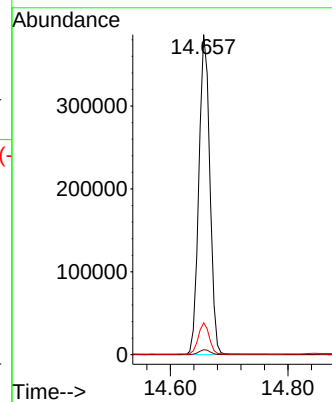
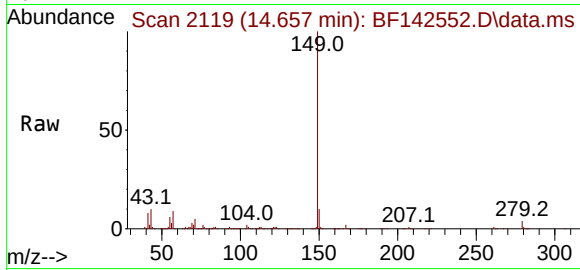




#85
Di-n-octyl phthalate
Concen: 32.305 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

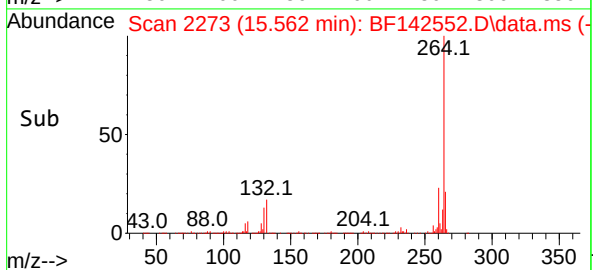
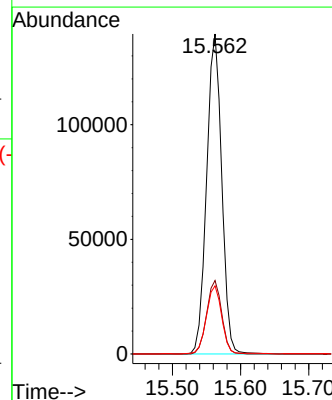
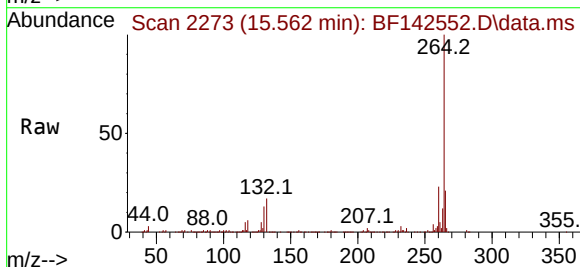
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

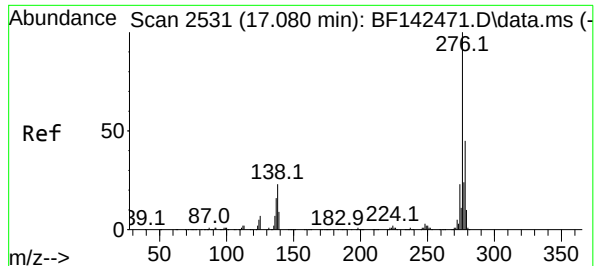
Tgt Ion:149 Resp: 498803
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:264 Resp: 215066
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.017 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

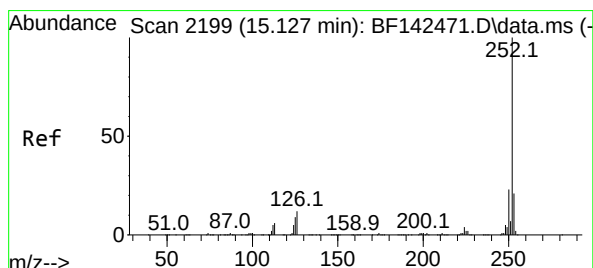
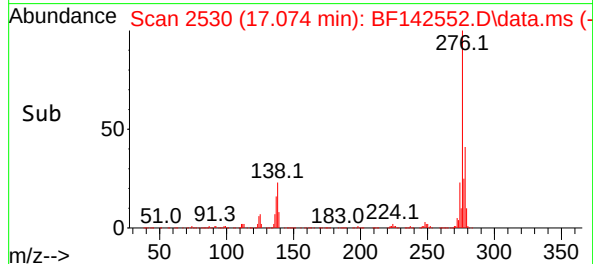
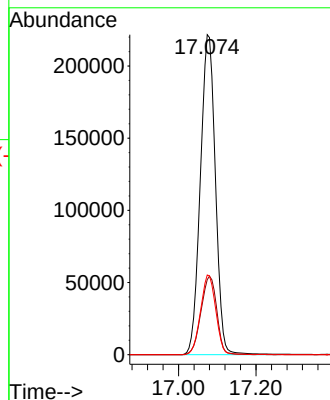
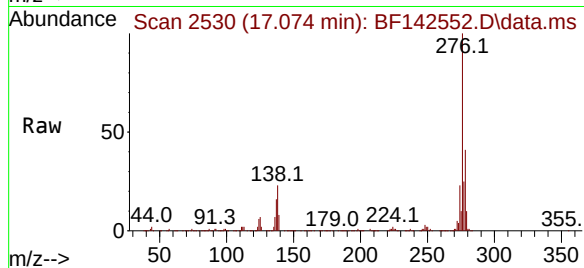
Tgt Ion:276 Resp: 597673

Ion Ratio Lower Upper

276 100

138 25.6 19.9 29.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.762 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

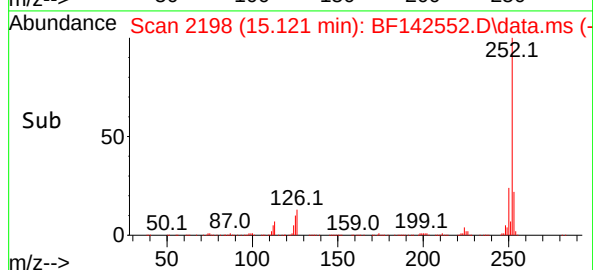
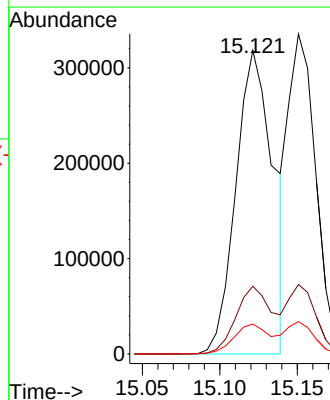
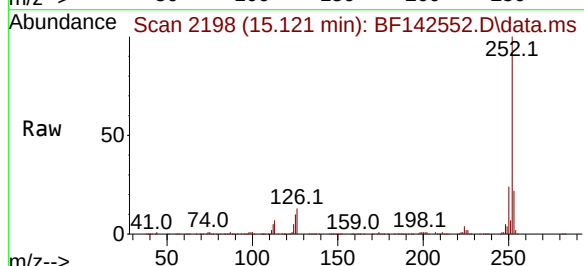
Tgt Ion:252 Resp: 531572

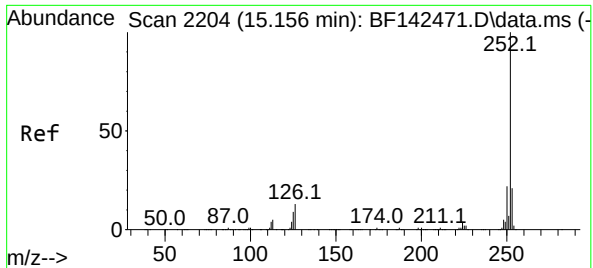
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 35.149 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

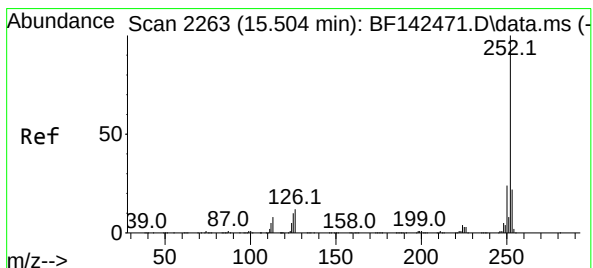
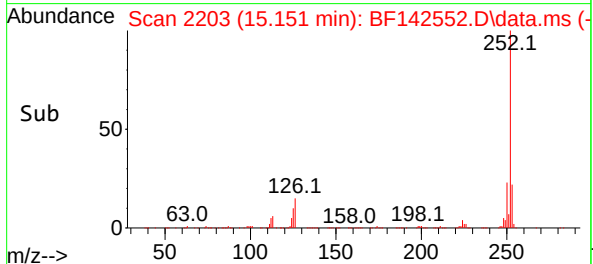
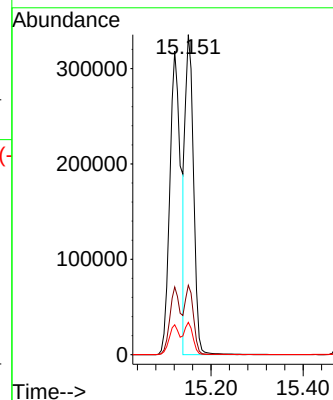
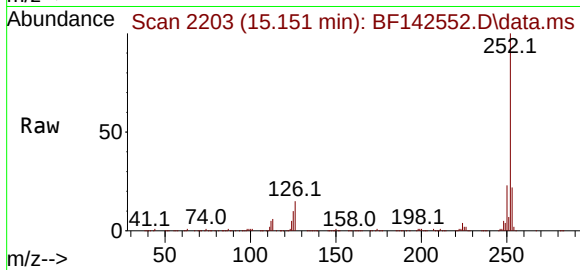
Tgt Ion:252 Resp: 419034

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 10.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.342 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

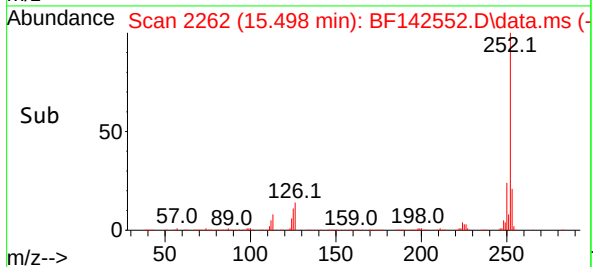
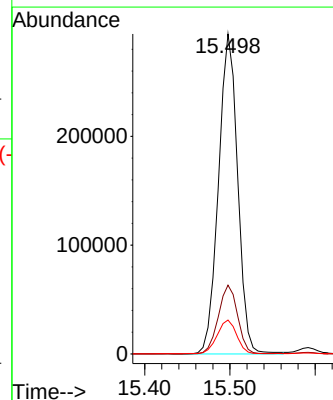
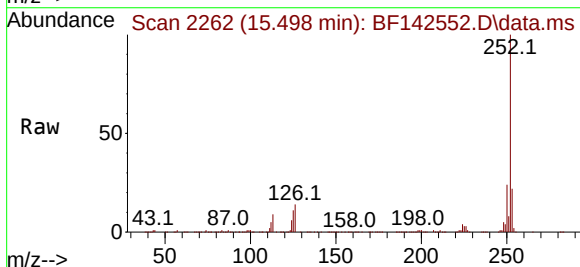
Tgt Ion:252 Resp: 460031

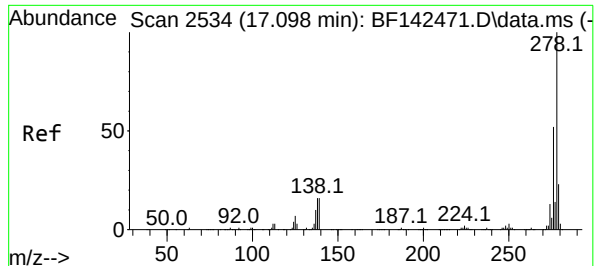
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.6 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 37.005 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

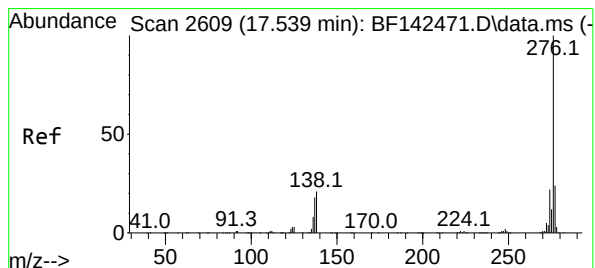
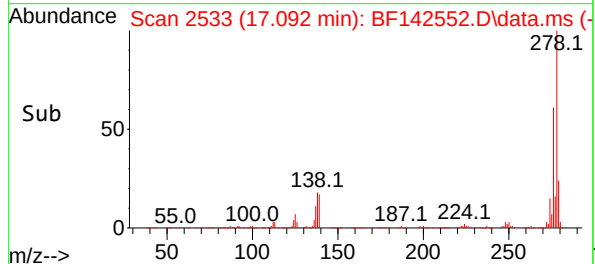
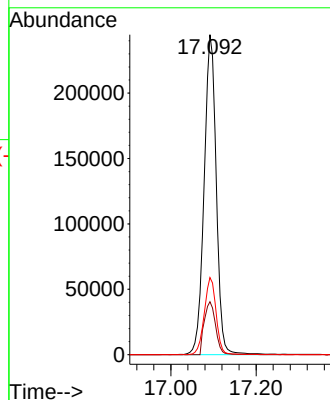
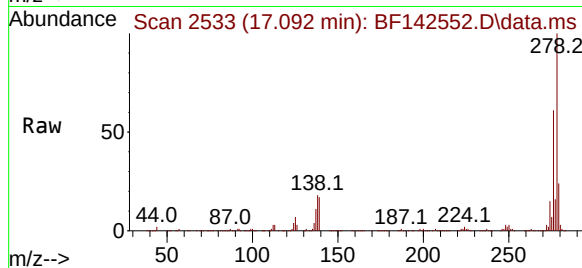
Tgt Ion:278 Resp: 484580

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

279 24.1 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 37.168 ng

RT: 17.533 min Scan# 2608

Delta R.T. -0.023 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

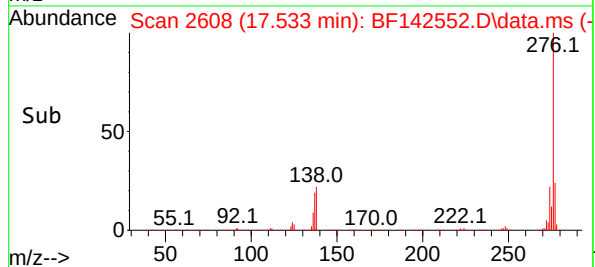
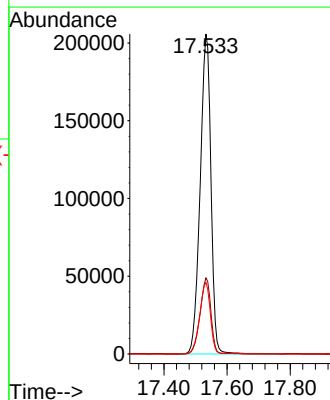
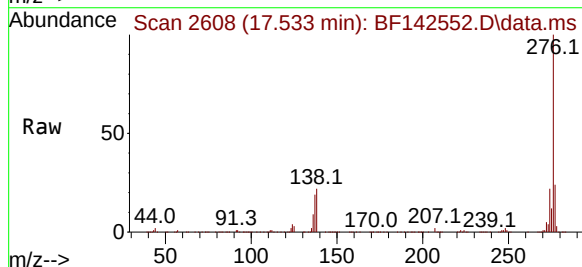
Tgt Ion:276 Resp: 486815

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 22.3 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142552.D
 Acq On : 27 May 2025 10:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 27 11:31:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	109	0.00
2	1,4-Dioxane	0.475	0.460	3.2	110	0.00
3	Pyridine	1.210	1.204	0.5	113	0.00
4	n-Nitrosodimethylamine	0.628	0.600	4.5	106	-0.02
5 S	2-Fluorophenol	1.187	1.141	3.9	111	0.00
6	Aniline	1.921	1.879	2.2	111	0.00
7 S	Phenol-d6	1.429	1.377	3.6	110	-0.01
8	2-Chlorophenol	1.293	1.246	3.6	109	0.00
9	Benzaldehyde	0.859	0.837	2.6	112	0.00
10 C	Phenol	1.608	1.566	2.6	112	-0.01
11	bis(2-Chloroethyl)ether	1.157	1.109	4.1	110	0.00
12	1,3-Dichlorobenzene	1.443	1.369	5.1	108	0.00
13 C	1,4-Dichlorobenzene	1.453	1.383	4.8	108	0.00
14	1,2-Dichlorobenzene	1.391	1.321	5.0	109	0.00
15	Benzyl Alcohol	1.056	1.025	2.9	110	0.00
16	2,2'-oxybis(1-Chloropropane	1.944	1.867	4.0	109	-0.01
17	2-Methylphenol	1.010	0.977	3.3	110	0.00
18	Hexachloroethane	0.507	0.472	6.9	106	0.00
19 P	n-Nitroso-di-n-propylamine	0.886	0.841	5.1	109	-0.02
20	3+4-Methylphenols	1.293	1.236	4.4	109	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
22	Acetophenone	0.443	0.418	5.6	108	0.00
23 S	Nitrobenzene-d5	0.367	0.350	4.6	109	-0.01
24	Nitrobenzene	0.331	0.320	3.3	110	-0.01
25	Isophorone	0.613	0.588	4.1	110	-0.01
26 C	2-Nitrophenol	0.177	0.173	2.3	110	0.00
27	2,4-Dimethylphenol	0.312	0.298	4.5	109	0.00
28	bis(2-Chloroethoxy)methane	0.383	0.363	5.2	111	-0.01
29 C	2,4-Dichlorophenol	0.283	0.277	2.1	111	0.00
30	1,2,4-Trichlorobenzene	0.308	0.292	5.2	110	0.00
31	Naphthalene	0.985	0.929	5.7	109	0.00
32	Benzoic acid	0.190	0.190	0.0	112	-0.04
33	4-Chloroaniline	0.399	0.389	2.5	111	0.00
34 C	Hexachlorobutadiene	0.192	0.181	5.7	107	0.00
35	Caprolactam	0.080	0.086	-7.5	122	-0.02
36 C	4-Chloro-3-methylphenol	0.291	0.283	2.7	111	-0.01
37	2-Methylnaphthalene	0.620	0.582	6.1	109	0.00
38	1-Methylnaphthalene	0.641	0.609	5.0	110	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	112	0.00
40	1,2,4,5-Tetrachlorobenzene	0.574	0.532	7.3	108	0.00
41 P	Hexachlorocyclopentadiene	0.387	0.355	8.3	101	0.00
42 S	2,4,6-Tribromophenol	0.222	0.219	1.4	117	-0.01
43 C	2,4,6-Trichlorophenol	0.387	0.368	4.9	111	0.00
44	2,4,5-Trichlorophenol	0.408	0.389	4.7	111	0.00
45 S	2-Fluorobiphenyl	1.490	1.346	9.7	109	-0.01
46	1,1'-Biphenyl	1.552	1.446	6.8	110	0.00
47	2-Chloronaphthalene	1.146	1.073	6.4	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142552.D
 Acq On : 27 May 2025 10:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 27 11:31:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	0.331	0.332	-0.3	115	0.00
49	Acenaphthylene	1.936	1.837	5.1	112	0.00
50	Dimethylphthalate	1.320	1.258	4.7	113	-0.01
51	2,6-Dinitrotoluene	0.285	0.277	2.8	111	0.00
52 C	Acenaphthene	1.182	1.108	6.3	111	0.00
53	3-Nitroaniline	0.311	0.314	-1.0	118	0.00
54 P	2,4-Dinitrophenol	0.147	0.154	-4.8	116	0.00
55	Dibenzofuran	1.701	1.614	5.1	113	0.00
56 P	4-Nitrophenol	0.230	0.236	-2.6	117	0.00
57	2,4-Dinitrotoluene	0.372	0.384	-3.2	119	0.00
58	Fluorene	1.314	1.253	4.6	114	-0.01
59	2,3,4,6-Tetrachlorophenol	0.341	0.333	2.3	113	0.00
60	Diethylphthalate	1.289	1.240	3.8	113	-0.01
61	4-Chlorophenyl-phenylether	0.646	0.611	5.4	113	0.00
62	4-Nitroaniline	0.282	0.312	-10.6	127	-0.01
63	Azobenzene	1.158	1.120	3.3	114	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	120	0.00
65	4,6-Dinitro-2-methylphenol	0.112	0.116	-3.6	120	0.00
66 c	n-Nitrosodiphenylamine	0.684	0.625	8.6	115	0.00
67	4-Bromophenyl-phenylether	0.236	0.216	8.5	117	0.00
68	Hexachlorobenzene	0.262	0.242	7.6	116	0.00
69	Atrazine	0.182	0.185	-1.6	125	0.00
70 C	Pentachlorophenol	0.148	0.143	3.4	116	0.00
71	Phenanthrene	1.069	1.009	5.6	120	0.00
72	Anthracene	1.091	1.027	5.9	119	0.00
73	Carbazole	0.933	0.922	1.2	124	0.00
74	Di-n-butylphthalate	1.021	1.036	-1.5	127	0.00
75 C	Fluoranthene	0.999	1.034	-3.5	132	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	142	0.00
77	Benzidine	0.744	0.818	-9.9	145	0.00
78	Pyrene	1.866	1.741	6.7	133	0.00
79 S	Terphenyl-d14	1.464	1.339	8.5	133	0.00
80	Butylbenzylphthalate	0.516	0.552	-7.0	149	0.00
81	Benzo(a)anthracene	1.336	1.296	3.0	144	0.00
82	3,3'-Dichlorobenzidine	0.405	0.399	1.5	139	0.00
83	Chrysene	1.200	1.105	7.9	137	0.00
84	Bis(2-ethylhexyl)phthalate	0.660	0.646	2.1	136	0.00
85 c	Di-n-octyl phthalate	1.290	1.042	19.2	117	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	114	0.00
87	Indeno(1,2,3-cd)pyrene	1.501	1.390	7.4	109	-0.02
88	Benzo(b)fluoranthene	1.184	1.236	-4.4	125	0.00
89	Benzo(k)fluoranthene	1.109	0.974	12.2	106	-0.01
90 C	Benzo(a)pyrene	1.116	1.070	4.1	112	-0.01
91	Dibenzo(a,h)anthracene	1.218	1.127	7.5	108	-0.02
92	Benzo(g,h,i)perylene	1.218	1.132	7.1	109	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142552.D
Acq On : 27 May 2025 10:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 27 11:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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\BF052725\
 Data File : BF142552.D
 Acq On : 27 May 2025 10:15
 Operator : RC/JU
 Sample : SSTDCCC040
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Quant Time: May 27 11:31:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 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	109	0.00
2	1,4-Dioxane	40.000	38.767	3.1	110	0.00
3	Pyridine	40.000	39.819	0.5	113	0.00
4	n-Nitrosodimethylamine	40.000	38.226	4.4	106	-0.02
5 S	2-Fluorophenol	80.000	76.920	3.8	111	0.00
6	Aniline	40.000	39.109	2.2	111	0.00
7 S	Phenol-d6	80.000	77.099	3.6	110	-0.01
8	2-Chlorophenol	40.000	38.547	3.6	109	0.00
9	Benzaldehyde	40.000	38.949	2.6	112	0.00
10 C	Phenol	40.000	38.964	2.6	112	-0.01
11	bis(2-Chloroethyl)ether	40.000	38.340	4.1	110	0.00
12	1,3-Dichlorobenzene	40.000	37.949	5.1	108	0.00
13 C	1,4-Dichlorobenzene	40.000	38.062	4.8	108	0.00
14	1,2-Dichlorobenzene	40.000	37.997	5.0	109	0.00
15	Benzyl Alcohol	40.000	38.834	2.9	110	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.419	4.0	109	-0.01
17	2-Methylphenol	40.000	38.726	3.2	110	0.00
18	Hexachloroethane	40.000	37.234	6.9	106	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.966	5.1	109	-0.02
20	3+4-Methylphenols	40.000	38.229	4.4	109	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	111	0.00
22	Acetophenone	40.000	37.789	5.5	108	0.00
23 S	Nitrobenzene-d5	80.000	76.442	4.4	109	-0.01
24	Nitrobenzene	40.000	38.672	3.3	110	-0.01
25	Isophorone	40.000	38.373	4.1	110	-0.01
26 C	2-Nitrophenol	40.000	39.241	1.9	110	0.00
27	2,4-Dimethylphenol	40.000	38.260	4.4	109	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.916	5.2	111	-0.01
29 C	2,4-Dichlorophenol	40.000	39.080	2.3	111	0.00
30	1,2,4-Trichlorobenzene	40.000	37.911	5.2	110	0.00
31	Naphthalene	40.000	37.738	5.7	109	0.00
32	Benzoic acid	40.000	40.011	-0.0	112	-0.04
33	4-Chloroaniline	40.000	39.015	2.5	111	0.00
34 C	Hexachlorobutadiene	40.000	37.725	5.7	107	0.00
35	Caprolactam	40.000	43.382	-8.5	122	-0.02
36 C	4-Chloro-3-methylphenol	40.000	39.004	2.5	111	-0.01
37	2-Methylnaphthalene	40.000	37.572	6.1	109	0.00
38	1-Methylnaphthalene	40.000	37.988	5.0	110	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	112	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.063	7.3	108	0.00
41 P	Hexachlorocyclopentadiene	40.000	36.627	8.4	101	0.00
42 S	2,4,6-Tribromophenol	80.000	78.939	1.3	117	-0.01
43 C	2,4,6-Trichlorophenol	40.000	38.001	5.0	111	0.00
44	2,4,5-Trichlorophenol	40.000	38.111	4.7	111	0.00
45 S	2-Fluorobiphenyl	80.000	72.255	9.7	109	-0.01
46	1,1'-Biphenyl	40.000	37.289	6.8	110	0.00
47	2-Chloronaphthalene	40.000	37.447	6.4	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142552.D
 Acq On : 27 May 2025 10:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 27 11:31:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	40.019	-0.0	115	0.00
49	Acenaphthylene	40.000	37.968	5.1	112	0.00
50	Dimethylphthalate	40.000	38.123	4.7	113	-0.01
51	2,6-Dinitrotoluene	40.000	38.908	2.7	111	0.00
52 C	Acenaphthene	40.000	37.485	6.3	111	0.00
53	3-Nitroaniline	40.000	40.382	-1.0	118	0.00
54 P	2,4-Dinitrophenol	40.000	41.780	-4.5	116	0.00
55	Dibenzofuran	40.000	37.962	5.1	113	0.00
56 P	4-Nitrophenol	40.000	41.206	-3.0	117	0.00
57	2,4-Dinitrotoluene	40.000	41.301	-3.3	119	0.00
58	Fluorene	40.000	38.127	4.7	114	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	39.117	2.2	113	0.00
60	Diethylphthalate	40.000	38.490	3.8	113	-0.01
61	4-Chlorophenyl-phenylether	40.000	37.878	5.3	113	0.00
62	4-Nitroaniline	40.000	44.178	-10.4	127	-0.01
63	Azobenzene	40.000	38.688	3.3	114	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	120	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.404	-3.5	120	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.536	8.7	115	0.00
67	4-Bromophenyl-phenylether	40.000	36.559	8.6	117	0.00
68	Hexachlorobenzene	40.000	37.084	7.3	116	0.00
69	Atrazine	40.000	40.781	-2.0	125	0.00
70 C	Pentachlorophenol	40.000	38.690	3.3	116	0.00
71	Phenanthrene	40.000	37.771	5.6	120	0.00
72	Anthracene	40.000	37.659	5.9	119	0.00
73	Carbazole	40.000	39.542	1.1	124	0.00
74	Di-n-butylphthalate	40.000	40.587	-1.5	127	0.00
75 C	Fluoranthene	40.000	41.393	-3.5	132	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	142	0.00
77	Benzydine	40.000	43.939	-9.8	145	0.00
78	Pyrene	40.000	37.336	6.7	133	0.00
79 S	Terphenyl-d14	80.000	73.203	8.5	133	0.00
80	Butylbenzylphthalate	40.000	42.823	-7.1	149	0.00
81	Benzo(a)anthracene	40.000	38.806	3.0	144	0.00
82	3,3'-Dichlorobenzidine	40.000	39.358	1.6	139	0.00
83	Chrysene	40.000	36.825	7.9	137	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.132	2.2	136	0.00
85 c	Di-n-octyl phthalate	40.000	32.305	19.2	117	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	114	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	37.017	7.5	109	-0.02
88	Benzo(b)fluoranthene	40.000	41.762	-4.4	125	0.00
89	Benzo(k)fluoranthene	40.000	35.149	12.1	106	-0.01
90 C	Benzo(a)pyrene	40.000	38.342	4.1	112	-0.01
91	Dibenzo(a,h)anthracene	40.000	37.005	7.5	108	-0.02
92	Benzo(g,h,i)perylene	40.000	37.168	7.1	109	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142552.D
Acq On : 27 May 2025 10:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 27 11:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 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.: Q2106 SAS No.: Q2106 SDG No.: Q2106

Instrument ID: BNA_P Calibration Date/Time: 05/23/2025 11:40

Lab File ID: BP024788.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.169	1.153		-1.4	
Phenol-d6	1.492	1.391		-6.8	
Phenol	1.540	1.406		-8.7	20.0
1,4-Dichlorobenzene	1.536	1.456		-5.2	20.0
Nitrobenzene-d5	0.396	0.363		-8.3	
1,2,4-Trichlorobenzene	0.329	0.326		-0.9	
Naphthalene	1.036	1.000		-3.5	
2-Fluorobiphenyl	1.527	1.497		-2.0	
2,4,6-Tribromophenol	0.339	0.384		13.3	
Terphenyl-d14	1.166	1.077		-7.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: May 23 12:14:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 13 16:21:39 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	85825	20.000	ng	-0.02
21) Naphthalene-d8	10.416	136	348651	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	223501	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	457187	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	596427	20.000	ng	-0.01
86) Perylene-d12	24.786	264	763679	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	395751	78.867	ng	0.00
7) Phenol-d6	6.852	99	477585	74.573	ng	0.00
23) Nitrobenzene-d5	8.799	82	506139	73.350	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	343067	90.543	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1337901	78.425	ng	-0.01
79) Terphenyl-d14	19.804	244	2570522	73.901	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	81566	34.617	ng	97
3) Pyridine	3.617	79	187953	35.974	ng	94
4) n-Nitrosodimethylamine	3.528	42	88218	38.246	ng	90
6) Aniline	6.993	93	299626	36.237	ng	99
8) 2-Chlorophenol	7.228	128	220576	38.722	ng	97
9) Benzaldehyde	6.811	77	141499m	34.132	ng	
10) Phenol	6.875	94	241311	36.507	ng	96
11) bis(2-Chloroethyl)ether	7.081	93	178602	32.883	ng	99
12) 1,3-Dichlorobenzene	7.540	146	246348	37.589	ng	97
13) 1,4-Dichlorobenzene	7.687	146	249931	37.917	ng	99
14) 1,2-Dichlorobenzene	7.993	146	240438	37.434	ng	99
15) Benzyl Alcohol	7.893	79	175852	36.134	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	206873	31.804	ng	99
17) 2-Methylphenol	8.105	107	175051	36.924	ng	97
18) Hexachloroethane	8.710	117	89993	35.628	ng	96
19) n-Nitroso-di-n-propyla...	8.446	70	149197	33.678	ng	96
20) 3+4-Methylphenols	8.434	107	237941	36.896	ng	99
22) Acetophenone	8.463	105	328325	37.699	ng	97
24) Nitrobenzene	8.840	77	215844	35.545	ng	93
25) Isophorone	9.363	82	416173	34.769	ng	95
26) 2-Nitrophenol	9.540	139	126118	42.384	ng	98
27) 2,4-Dimethylphenol	9.616	122	205205	39.115	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	240940	33.693	ng	98
29) 2,4-Dichlorophenol	10.093	162	205962	40.513	ng	96
30) 1,2,4-Trichlorobenzene	10.281	180	227074	39.636	ng	96
31) Naphthalene	10.463	128	697623	38.612	ng	100
32) Benzoic acid	9.769	122	122811m	35.863	ng	
33) 4-Chloroaniline	10.587	127	287598	39.447	ng	98
34) Hexachlorobutadiene	10.746	225	147624	39.777	ng	97
35) Caprolactam	11.381	113	72504	39.418	ng	96
36) 4-Chloro-3-methylphenol	11.734	107	233494	37.662	ng	100
37) 2-Methylnaphthalene	12.081	142	442732	37.844	ng	99
38) 1-Methylnaphthalene	12.304	142	471817	37.693	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	260194	40.090	ng	98
41) Hexachlorocyclopentadiene	12.428	237	206151	52.383	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	173668	41.312	ng	98

05/27/2025

Supervised By :Jagrut
 Padhyay

05/27/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

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Reviewed By :Rahul
 Chavli

Quant Time: May 23 12:14:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 13 16:21:39 2025

Response via : Initial Calibration

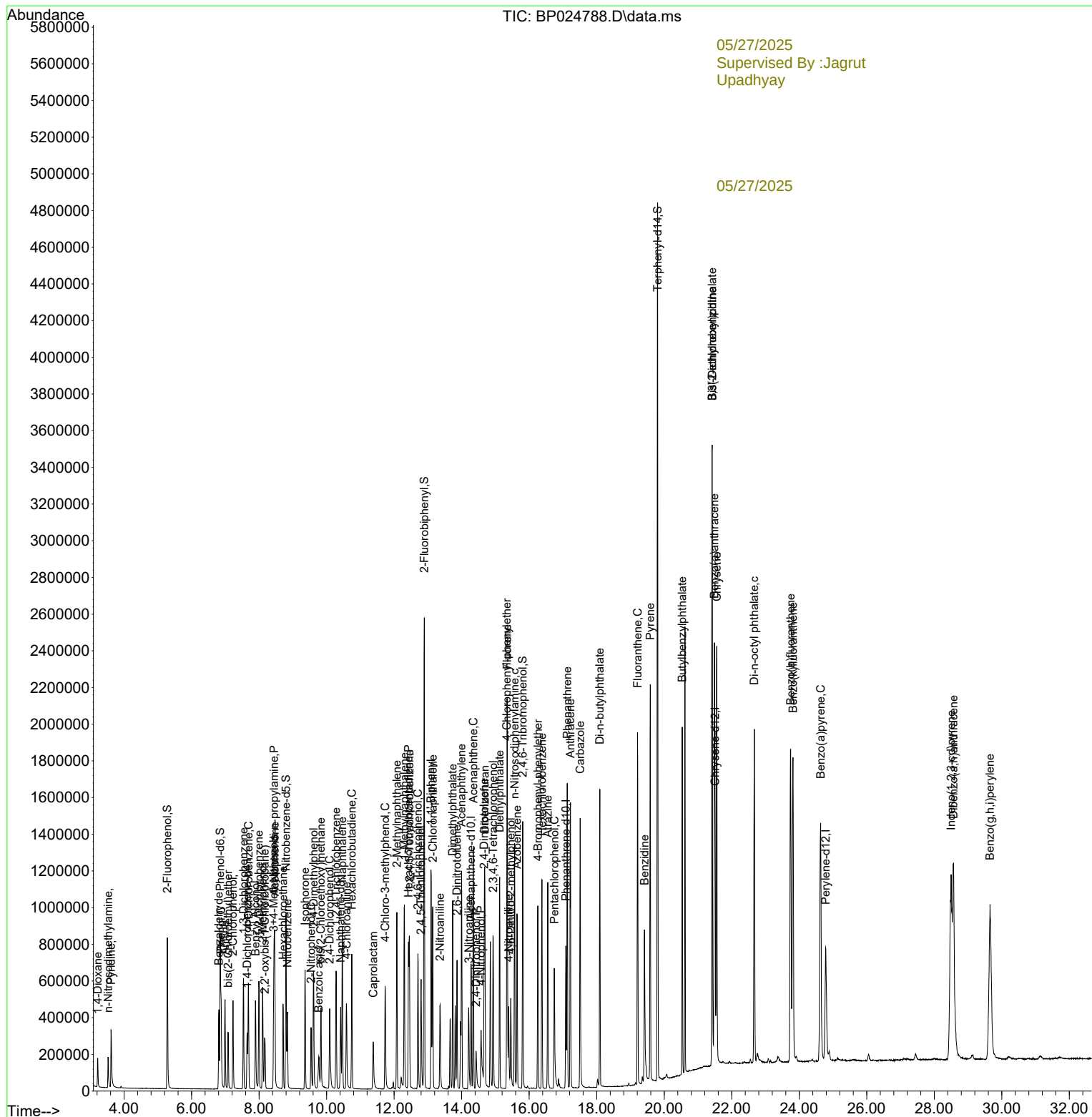
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	183134	39.137	ng	97
46) 1,1'-Biphenyl	13.093	154	634461	38.408	ng	99
47) 2-Chloronaphthalene	13.145	162	498522	39.580	ng	99
48) 2-Nitroaniline	13.357	65	138094	37.032	ng	94
49) Acenaphthylene	13.998	152	826636	39.218	ng	99
50) Dimethylphthalate	13.734	163	657364	38.588	ng	100
51) 2,6-Dinitrotoluene	13.863	165	142722	39.670	ng	98
52) Acenaphthene	14.345	154	458801	37.863	ng	99
53) 3-Nitroaniline	14.210	138	144972	39.463	ng	92
54) 2,4-Dinitrophenol	14.428	184	74679	36.684	ng	97
55) Dibenzofuran	14.687	168	745308	38.561	ng	99
56) 4-Nitrophenol	14.575	139	142487	46.665	ng	97
57) 2,4-Dinitrotoluene	14.669	165	206895	40.790	ng	98
58) Fluorene	15.351	166	612974	38.894	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	176811	40.732	ng	96
60) Diethylphthalate	15.128	149	654121	37.991	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	305689	38.894	ng	100
62) 4-Nitroaniline	15.392	138	155534m	43.848	ng	
63) Azobenzene	15.639	77	507580	34.460	ng	95
65) 4,6-Dinitro-2-methylph...	15.457	198	118718	40.201	ng	98
66) n-Nitrosodiphenylamine	15.569	169	530766	37.796	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	212590	39.462	ng	96
68) Hexachlorobenzene	16.381	284	282500	41.268	ng	92
69) Atrazine	16.551	200	209568	40.722	ng	98
70) Pentachlorophenol	16.745	266	171807	44.710	ng	100
71) Phenanthrene	17.128	178	976579	38.424	ng	100
72) Anthracene	17.222	178	988928	38.674	ng	100
73) Carbazole	17.510	167	938383	40.545	ng	99
74) Di-n-butylphthalate	18.092	149	1181544	39.695	ng	99
75) Fluoranthene	19.210	202	1201350	40.437	ng	98
77) Benzidine	19.416	184	622255	38.306	ng	99
78) Pyrene	19.586	202	1256486	35.160	ng	100
80) Butylbenzylphthalate	20.533	149	594274	37.391	ng	94
81) Benzo(a)anthracene	21.486	228	1438419	38.409	ng	100
82) 3,3'-Dichlorobenzidine	21.422	252	593871	42.694	ng	99
83) Chrysene	21.557	228	1353357	38.121	ng	100
84) Bis(2-ethylhexyl)phtha...	21.422	149	921536	39.448	ng	98
85) Di-n-octyl phthalate	22.668	149	1612900	42.221	ng	99
87) Indeno(1,2,3-cd)pyrene	28.498	276	2261485	40.563	ng	97
88) Benzo(b)fluoranthene	23.745	252	1646057	37.657	ng	98
89) Benzo(k)fluoranthene	23.815	252	1688631	37.490	ng	99
90) Benzo(a)pyrene	24.633	252	1622584	38.650	ng	98
91) Dibenzo(a,h)anthracene	28.568	278	1853117	40.856	ng	99
92) Benzo(g,h,i)perylene	29.650	276	1811699	40.166	ng	97

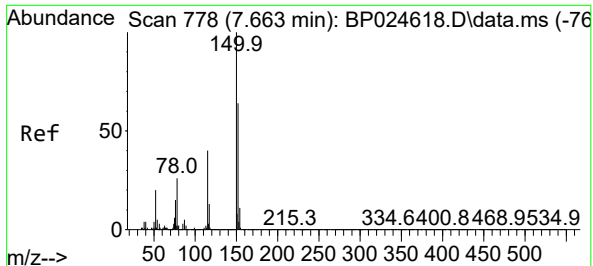
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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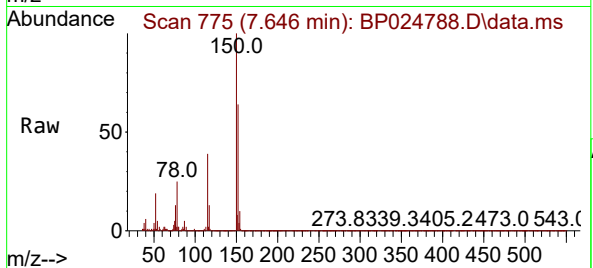
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

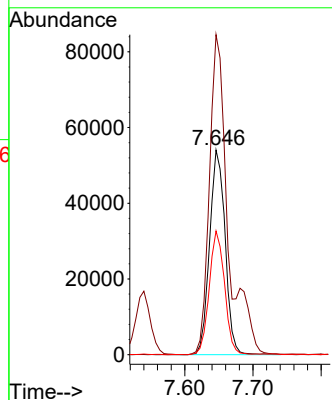
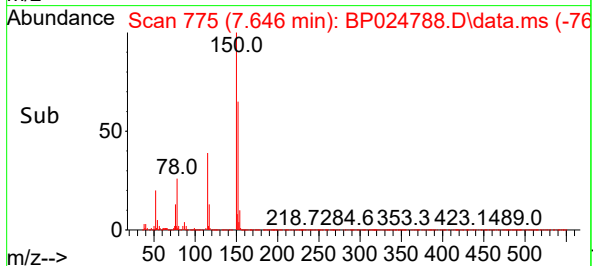
SSTDCCC040



Tgt Ion:152 Resp: 8582
Ion Ratio Lower Upper
152 100
150 156.3 125.9 188.9
115 60.5 50.1 75.1

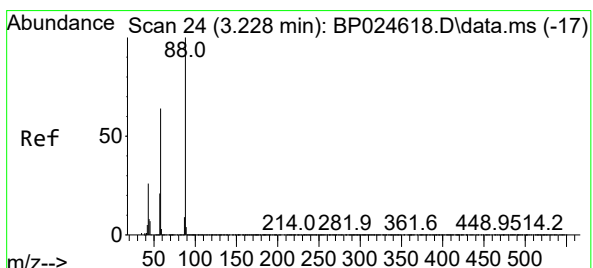
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Chavli

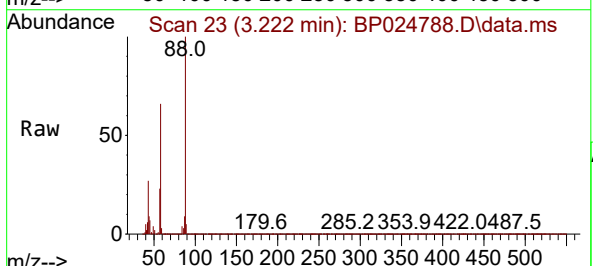


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Upadhyay

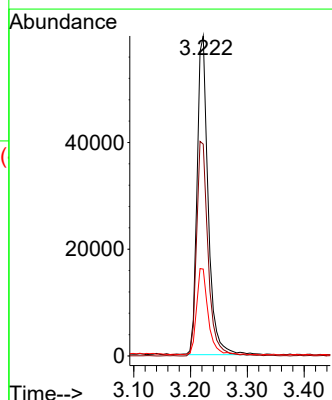
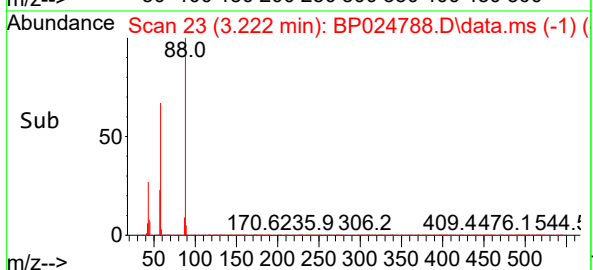
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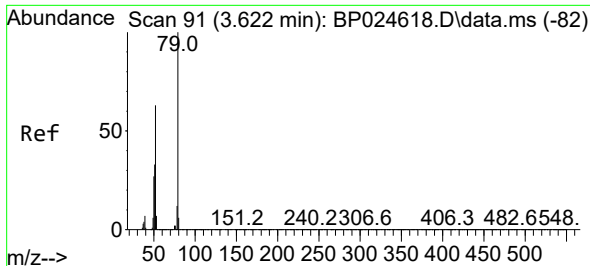


#2
1,4-Dioxane
Concen: 34.617 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



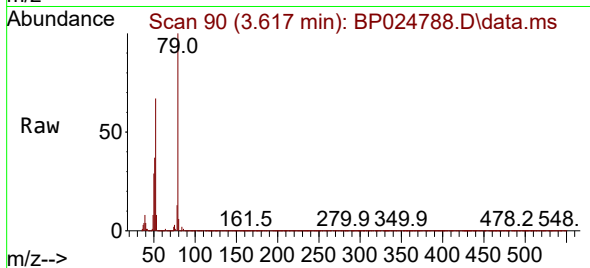
Tgt Ion: 88 Resp: 81566
Ion Ratio Lower Upper
88 100
58 69.8 54.0 81.0
43 28.3 21.4 32.0





#3
Pyridine
Concen: 35.974 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

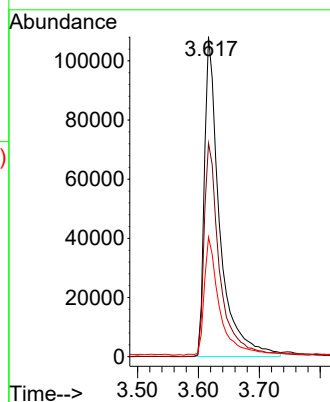
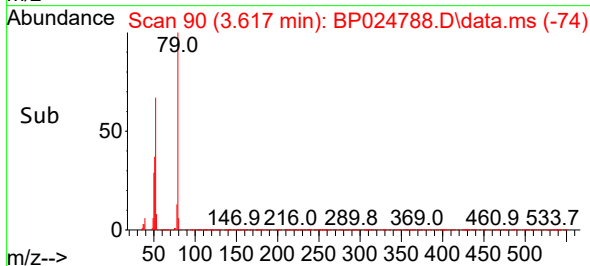
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 18795
Ion Ratio Lower Upper
79 100
52 66.7 50.2 75.2
51 37.3 26.8 40.2

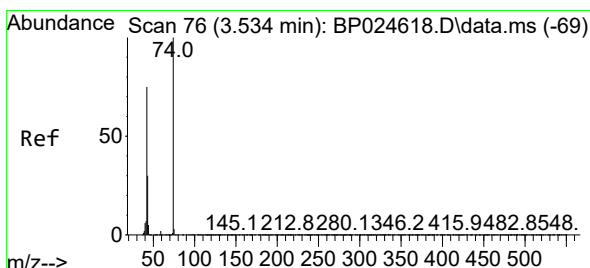
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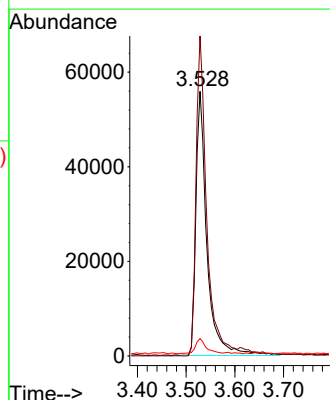
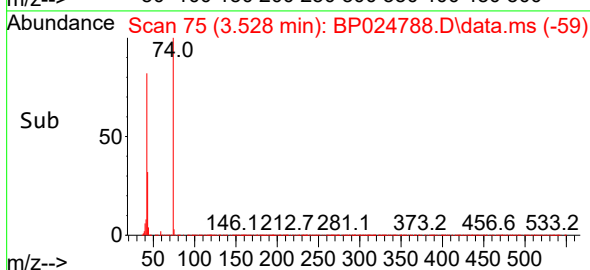
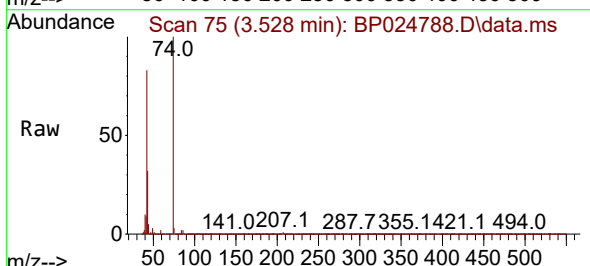
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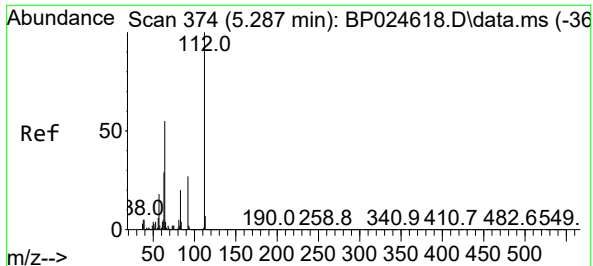
05/27/2025



#4
n-Nitrosodimethylamine
Concen: 38.246 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion: 42 Resp: 88218
Ion Ratio Lower Upper
42 100
74 120.9 106.2 159.2
44 6.6 5.4 8.2





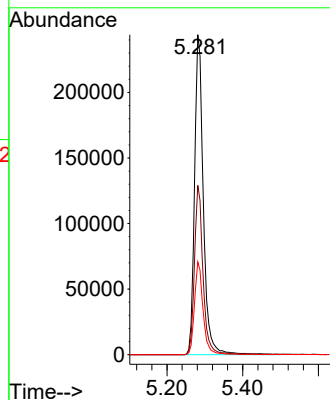
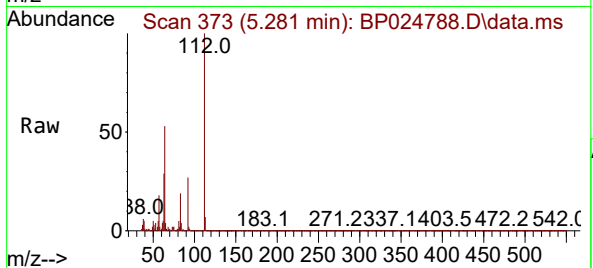
#5
2-Fluorophenol
Concen: 78.867 ng
RT: 5.281 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 112 Resp: 39575
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 29.0 23.5 35.3

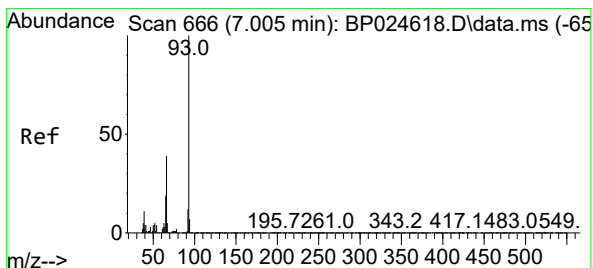
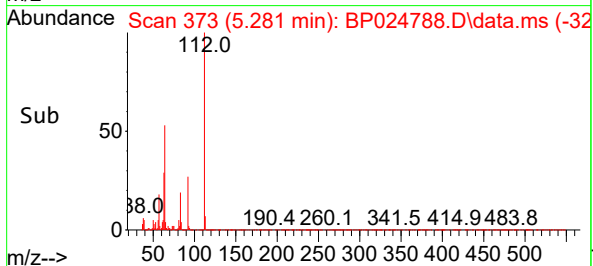
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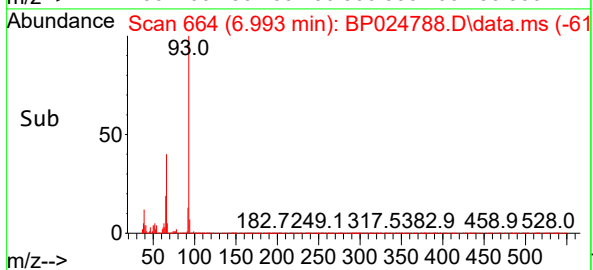
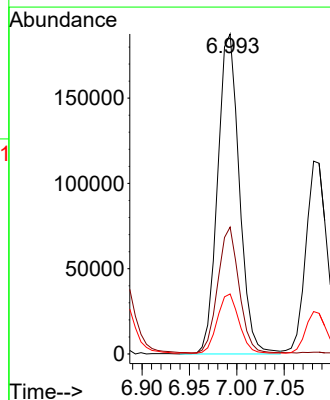
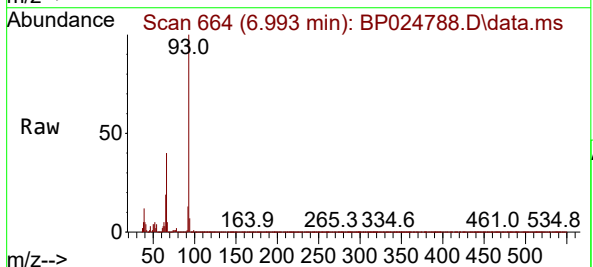
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Upadhyay

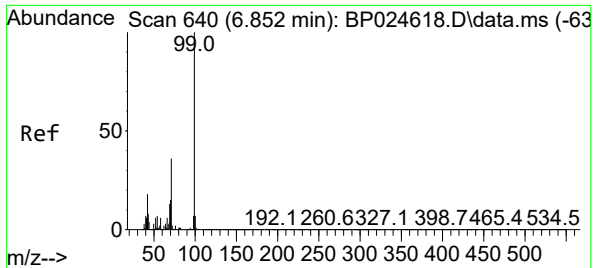
05/27/2025



#6
Aniline
Concen: 36.237 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

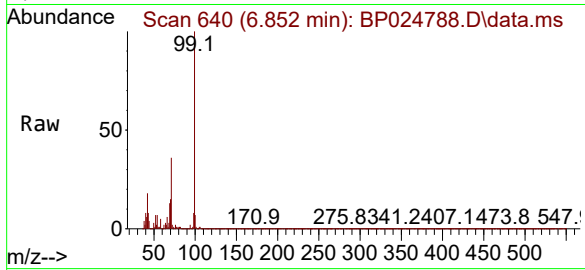
Tgt Ion: 93 Resp: 299626
Ion Ratio Lower Upper
93 100
66 39.7 31.0 46.6
65 18.7 15.5 23.3





#7
Phenol-d6
Concen: 74.573 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

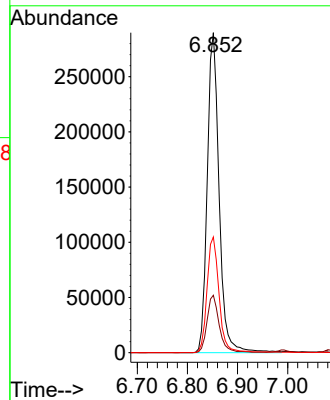
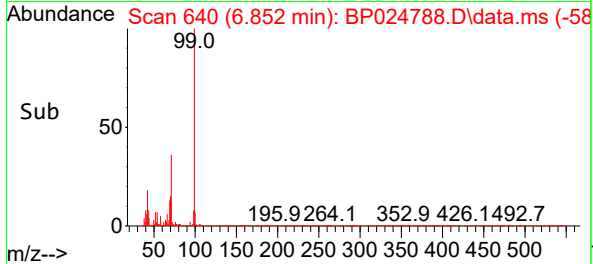
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 477585
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 36.2 29.2 43.8

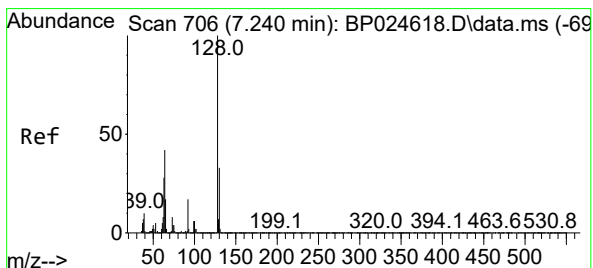
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Reviewed By :Rahul
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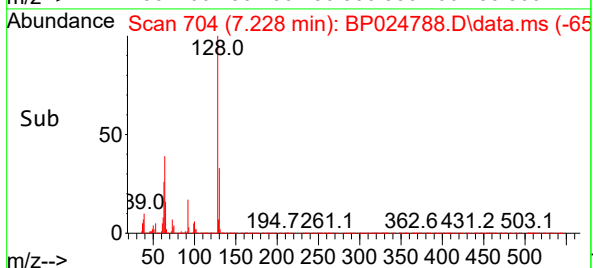
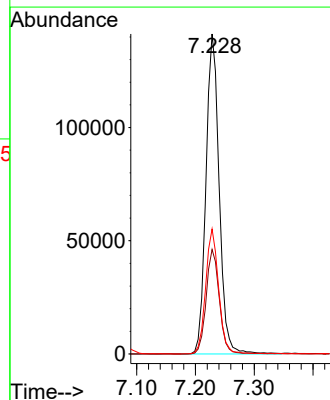
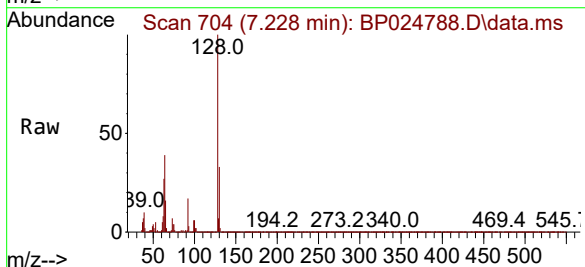
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Upadhyay

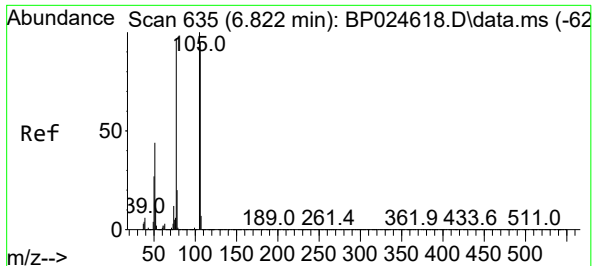
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#8
2-Chlorophenol
Concen: 38.722 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:128 Resp: 220576
Ion Ratio Lower Upper
128 100
130 32.7 13.0 53.0
64 39.1 22.3 62.3





#9

Benzaldehyde

Concen: 34.132 ng m

RT: 6.811 min Scan# 61

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 141499

Ion Ratio Lower Upper

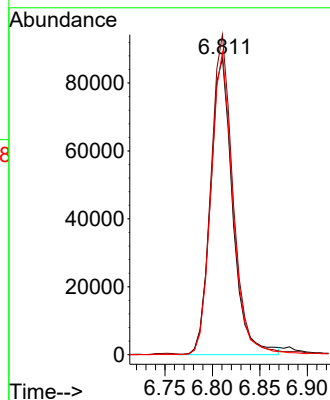
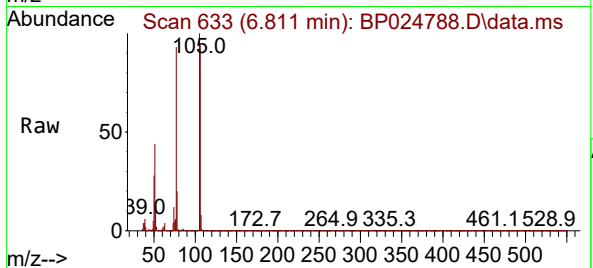
77 100

105 107.9 83.3 123.3

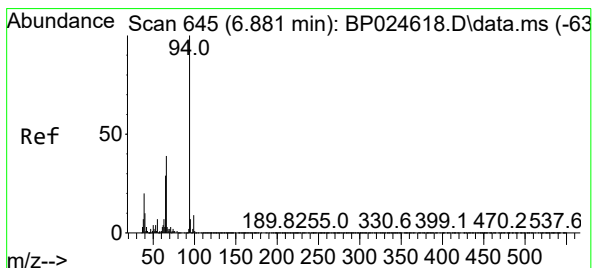
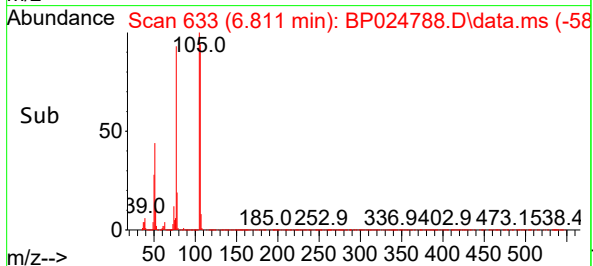
106 101.9 78.0 118.0

Manual Integrations

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Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#10

Phenol

Concen: 36.507 ng

RT: 6.875 min Scan# 644

Delta R.T. -0.006 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

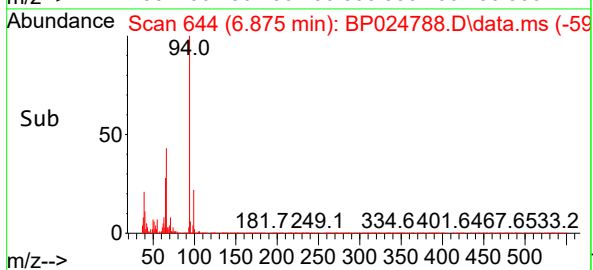
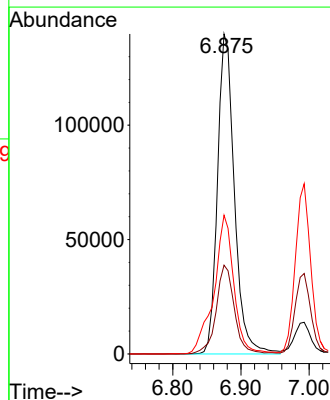
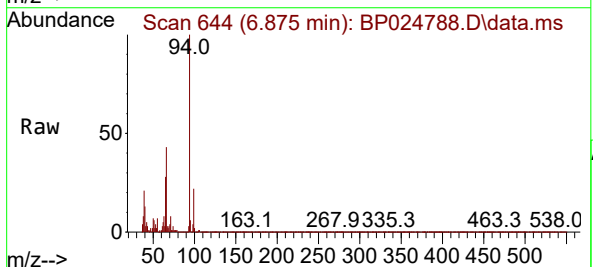
Tgt Ion: 94 Resp: 241311

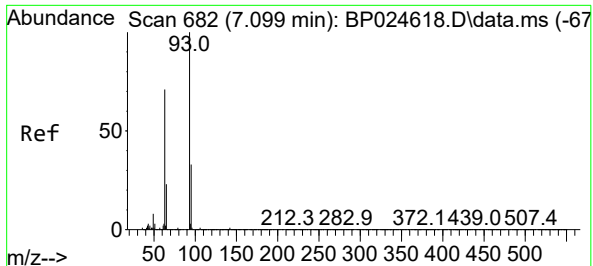
Ion Ratio Lower Upper

94 100

65 27.8 8.7 48.7

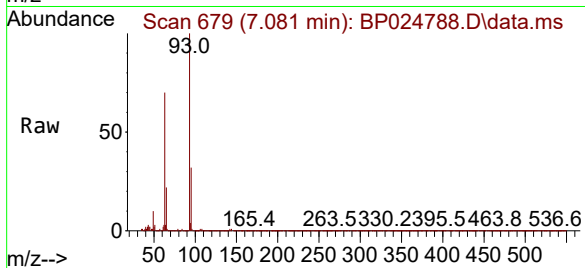
66 43.3 19.4 59.4





#11
bis(2-Chloroethyl)ether
Concen: 32.883 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

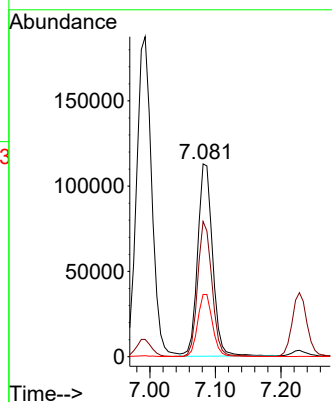
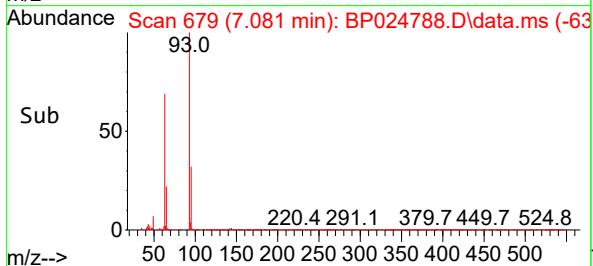
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 178602
Ion Ratio Lower Upper
93 100
63 70.1 50.6 90.6
95 32.3 12.9 52.9

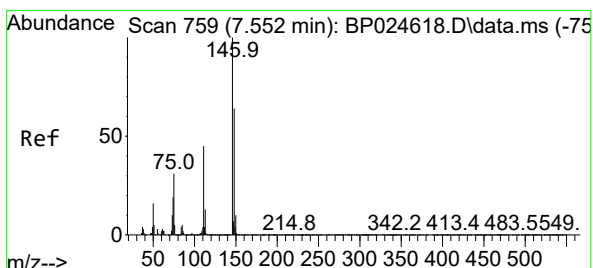
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APPROVED

Reviewed By :Rahul
Chavli



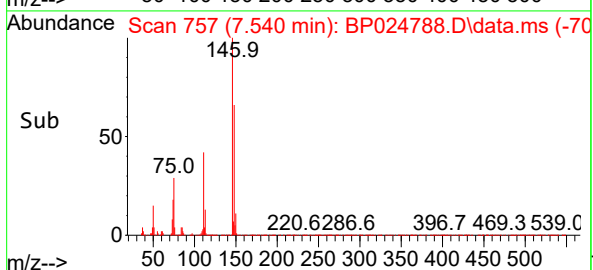
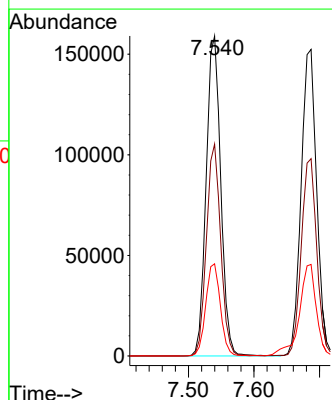
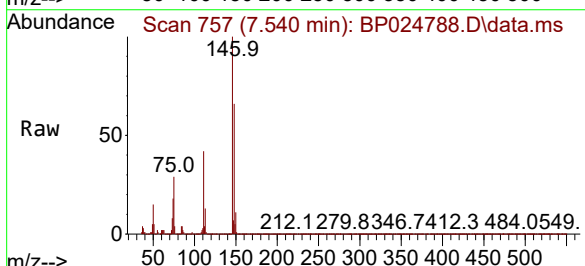
05/27/2025
Supervised By :Jagrut
Upadhyay

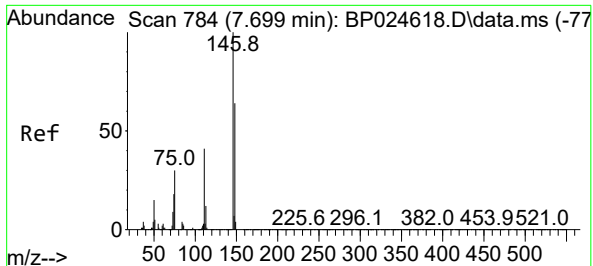
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#12
1,3-Dichlorobenzene
Concen: 37.589 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:146 Resp: 246348
Ion Ratio Lower Upper
146 100
148 66.2 51.4 77.2
75 28.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 37.917 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 24993

Ion Ratio Lower Upper

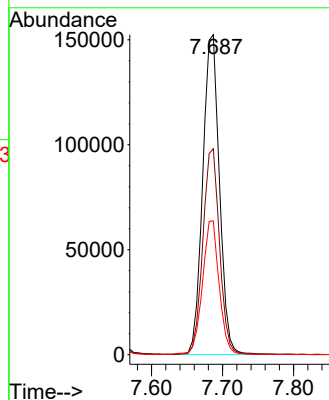
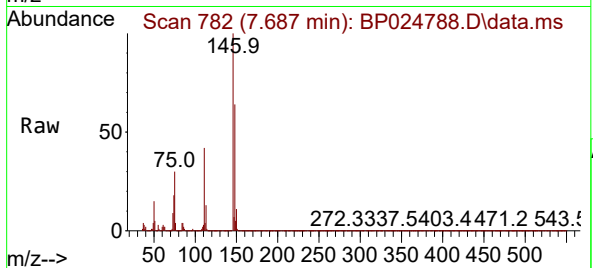
146 100

148 64.4 51.0 76.6

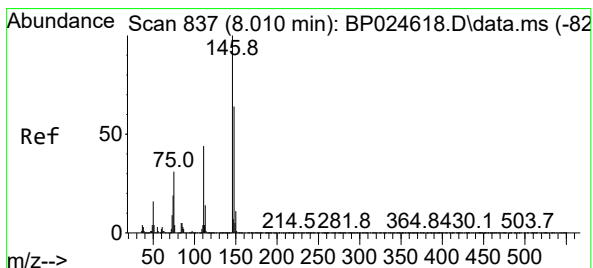
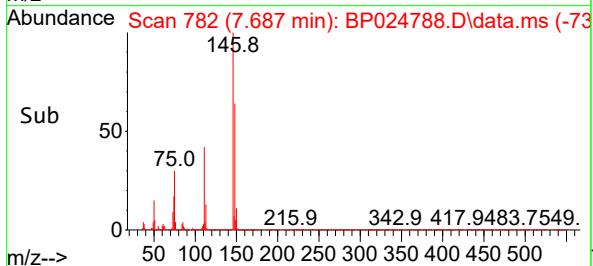
111 41.8 33.0 49.6

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APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 37.434 ng

RT: 7.993 min Scan# 834

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

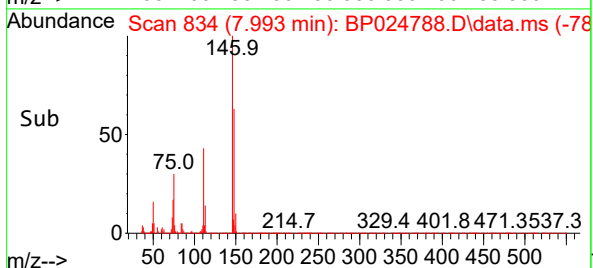
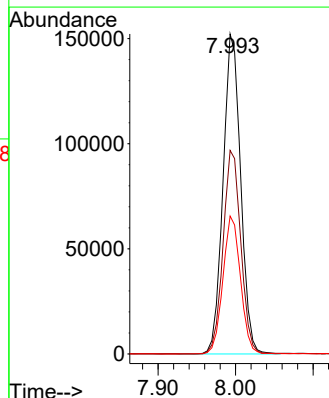
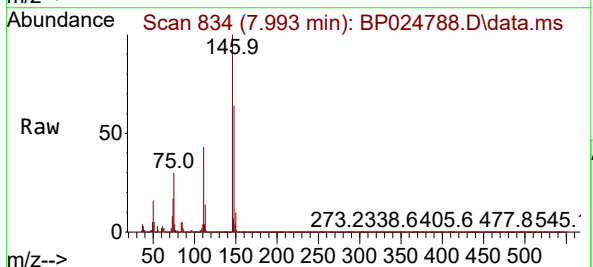
Tgt Ion:146 Resp: 240438

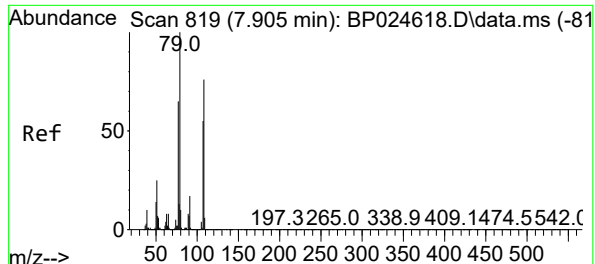
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

111 43.1 35.2 52.8





#15

Benzyl Alcohol

Concen: 36.134 ng

RT: 7.893 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 17585

Ion Ratio Lower Upper

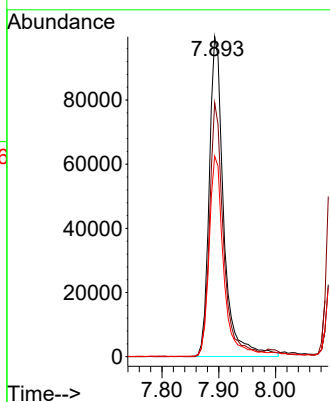
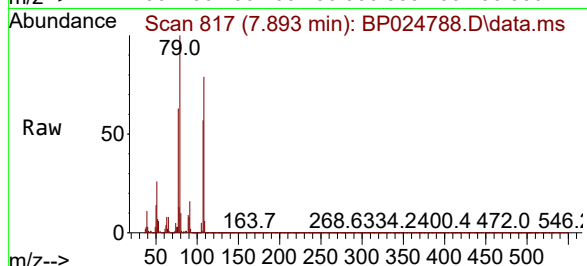
79 100

108 79.3 60.8 91.2

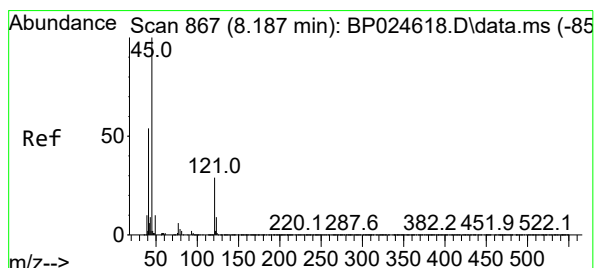
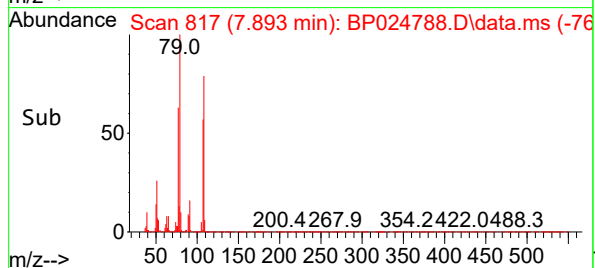
77 62.6 51.9 77.9

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Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.804 ng

RT: 8.169 min Scan# 864

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

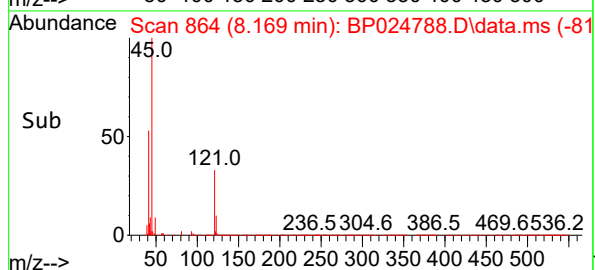
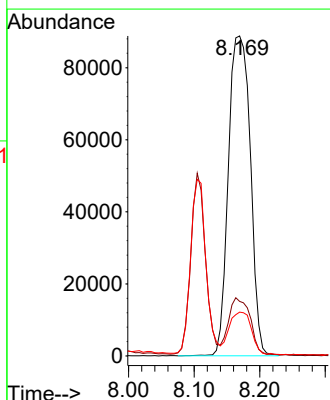
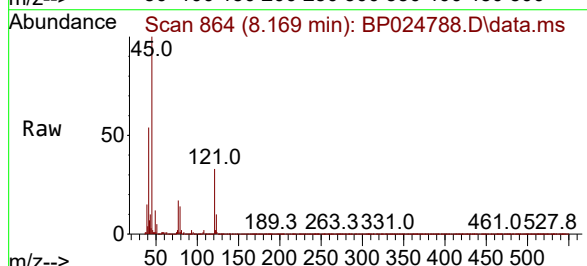
Tgt Ion: 45 Resp: 206873

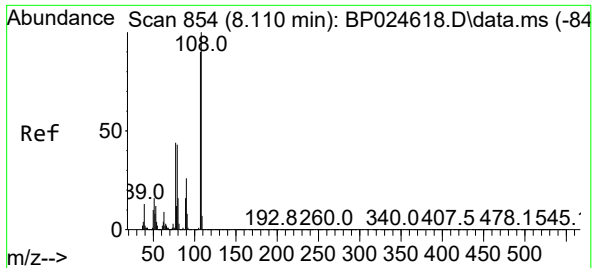
Ion Ratio Lower Upper

45 100

77 17.0 0.0 37.7

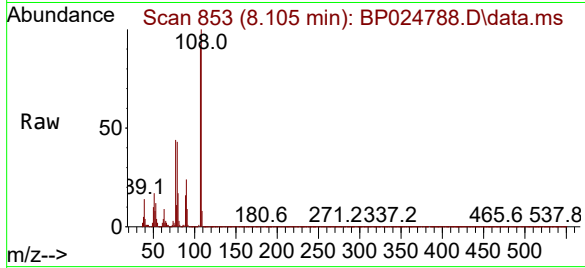
79 13.7 0.0 34.0





#17
2-Methylphenol
Concen: 36.924 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

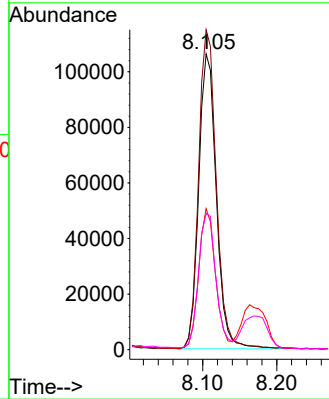
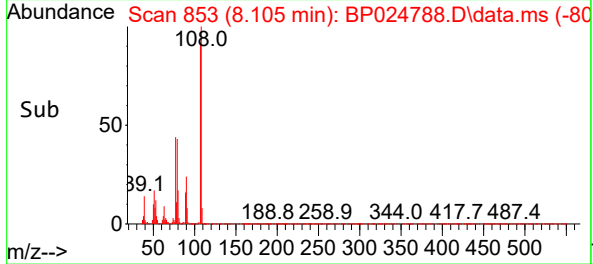
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 17505
Ion Ratio Lower Upper
107 100
108 108.2 88.9 133.3
77 47.7 39.0 58.6
79 46.1 38.4 57.6

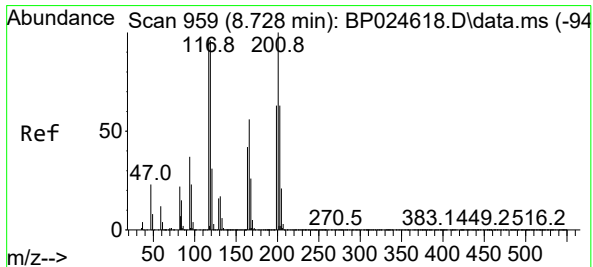
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Chavli



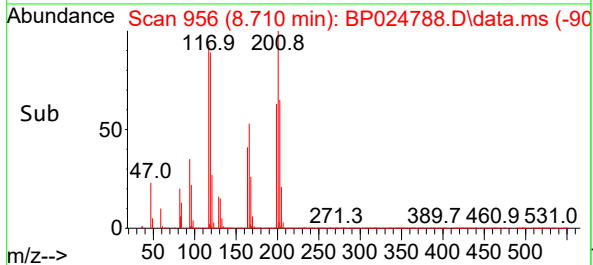
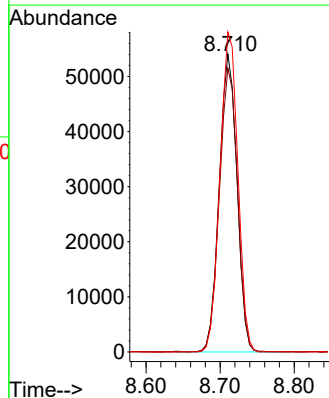
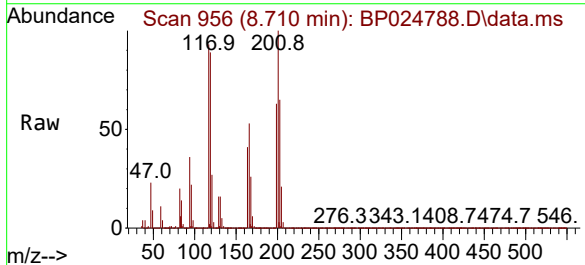
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Supervised By :Jagrut
Upadhyay

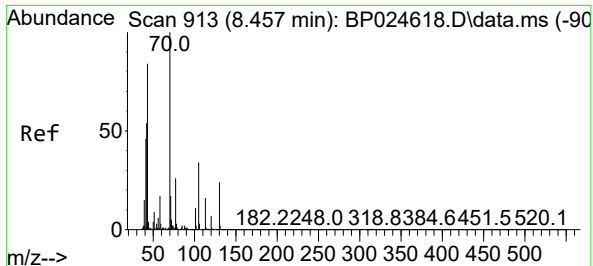
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#18
Hexachloroethane
Concen: 35.628 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:117 Resp: 89993
Ion Ratio Lower Upper
117 100
119 95.3 79.4 119.0
201 107.5 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 33.678 ng

RT: 8.446 min Scan# 911

Delta R.T. -0.012 min

Lab File: BP024788.D

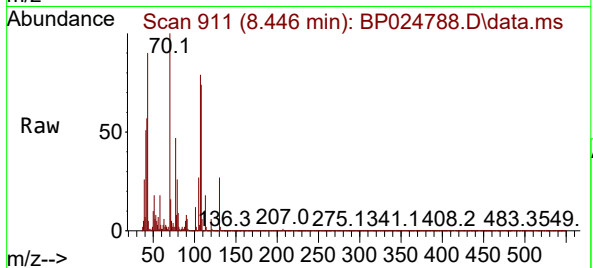
Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 14919

Ion Ratio Lower Upper

70 100

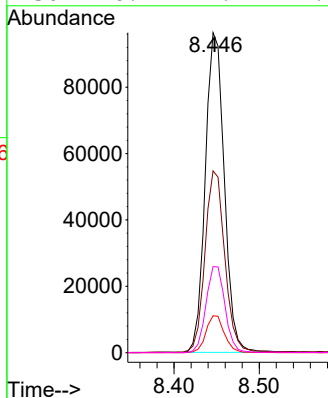
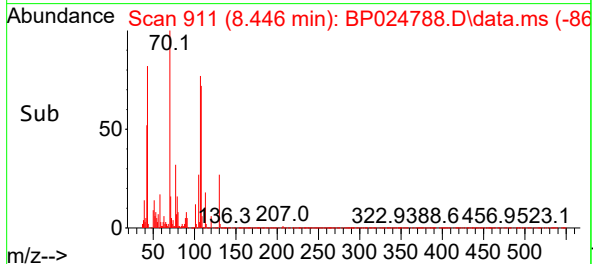
42 56.8 43.0 64.6

101 11.5 8.7 13.1

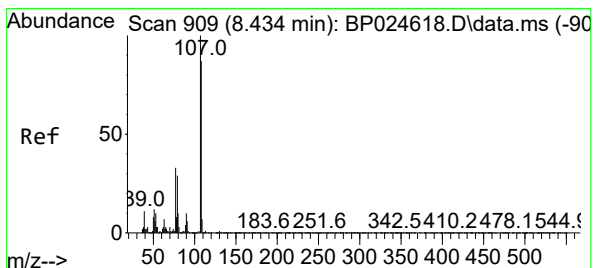
130 26.9 19.4 29.0

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Chavli05/27/2025
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Upadhyay

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#20

3+4-Methylphenols

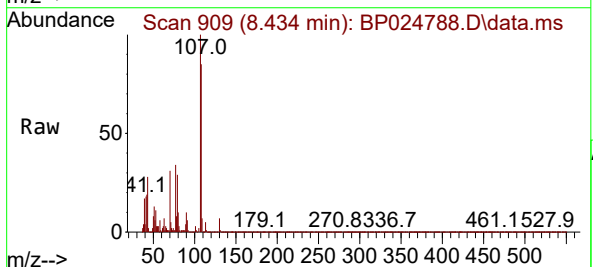
Concen: 36.896 ng

RT: 8.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40



Tgt Ion:107 Resp: 237941

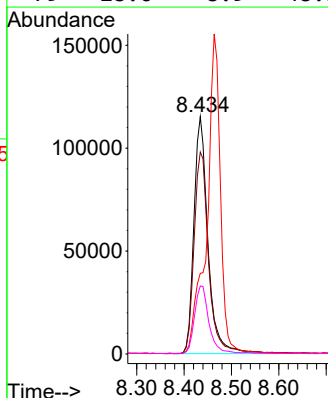
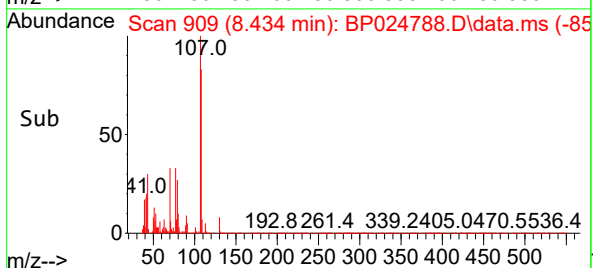
Ion Ratio Lower Upper

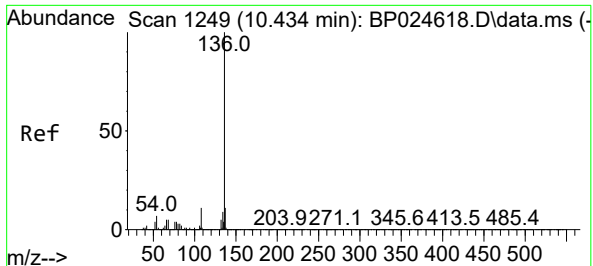
107 100

108 85.1 66.7 106.7

77 34.0 13.1 53.1

79 28.6 8.9 48.9





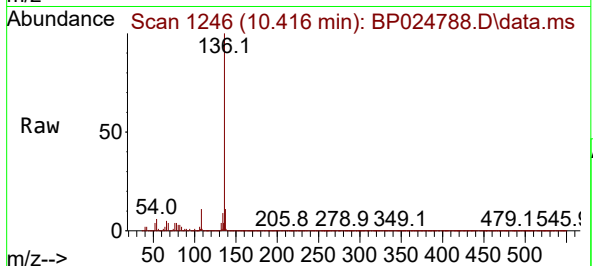
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

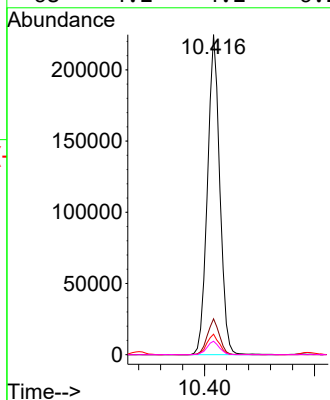
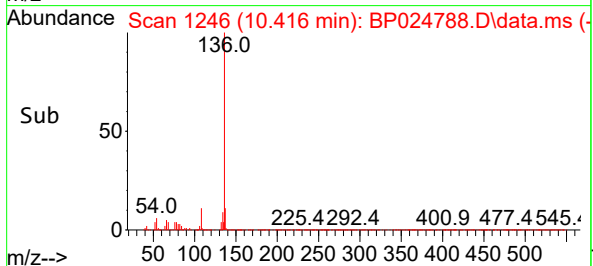
BNA_P

ClientSampleId :

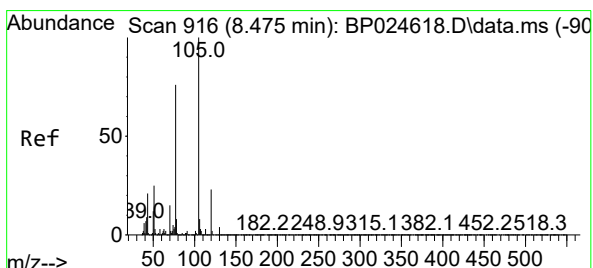
SSTDCCC040



Tgt Ion:136 Resp: 34865
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.4 5.5 8.3
68 4.2 4.2 6.2

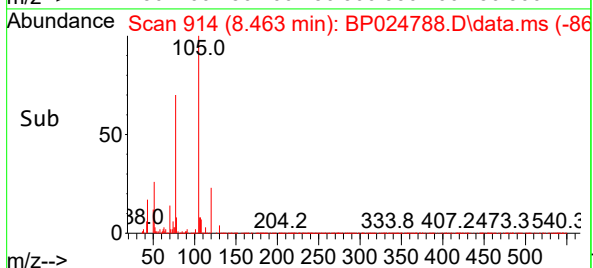
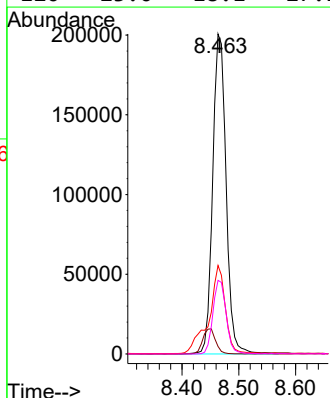
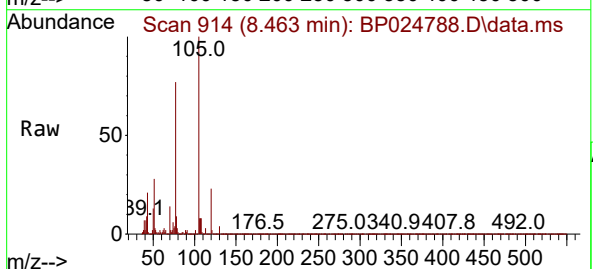
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Supervised By :Jagrut
Upadhyay

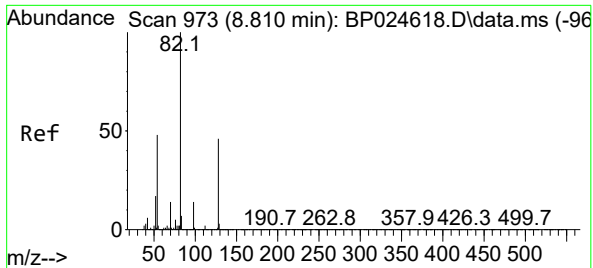
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#22
Acetophenone
Concen: 37.699 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:105 Resp: 328325
Ion Ratio Lower Upper
105 100
71 2.4 2.0 3.0
51 27.7 20.4 30.6
120 23.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 73.350 ng

RT: 8.799 min Scan# 971

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 506139

Ion Ratio Lower Upper

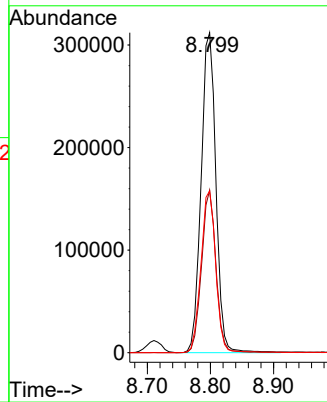
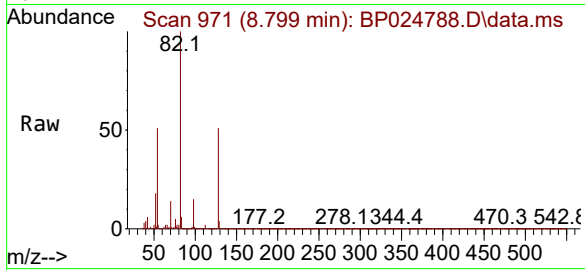
82 100

128 50.8 37.0 55.4

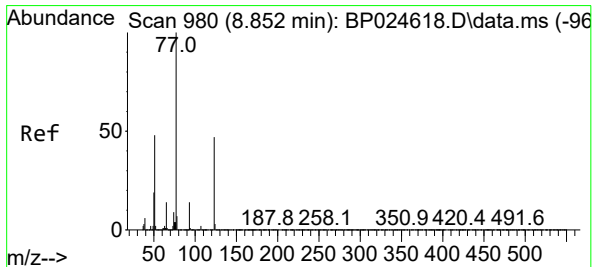
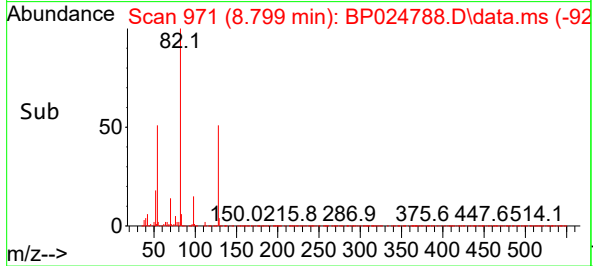
54 50.5 38.7 58.1

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Chavli05/27/2025
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Upadhyay

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#24

Nitrobenzene

Concen: 35.545 ng

RT: 8.840 min Scan# 978

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

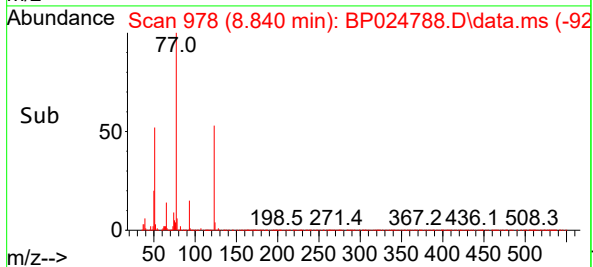
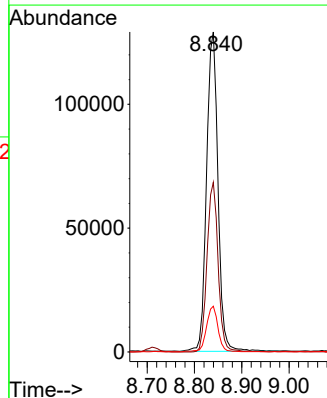
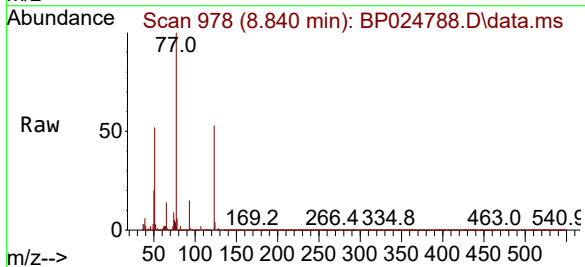
Tgt Ion: 77 Resp: 215844

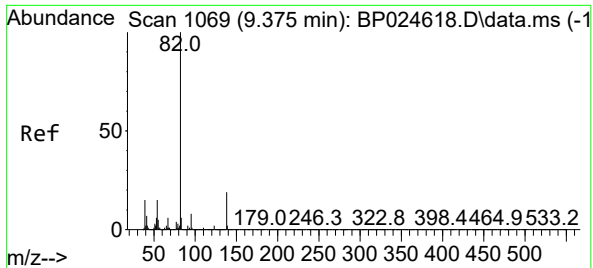
Ion Ratio Lower Upper

77 100

123 53.0 37.4 56.0

65 14.3 11.3 16.9





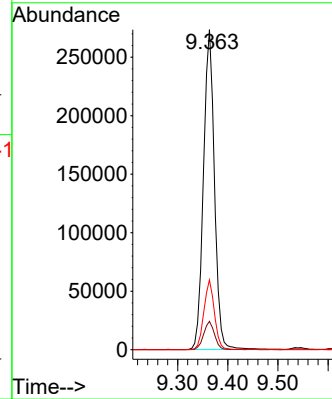
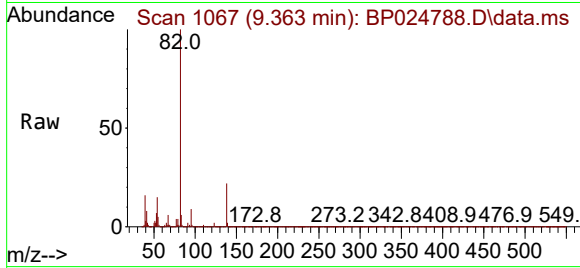
#25
Isophorone
Concen: 34.769 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 41617
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 21.8 15.3 22.9

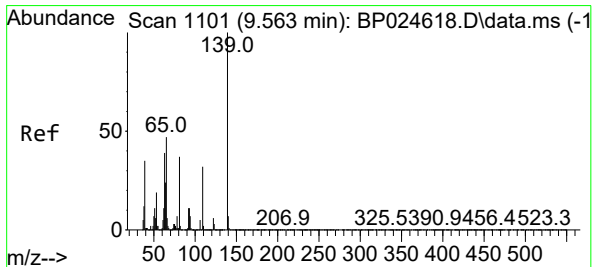
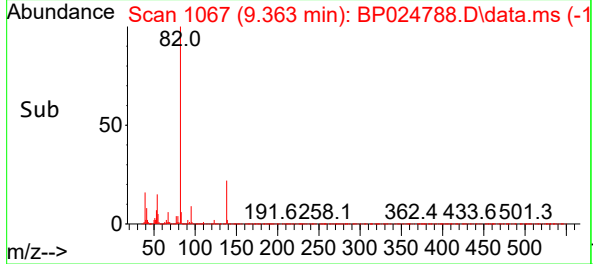
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Chavli



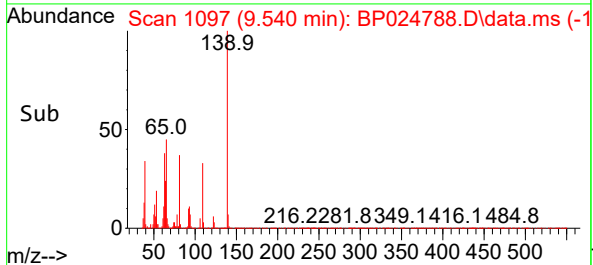
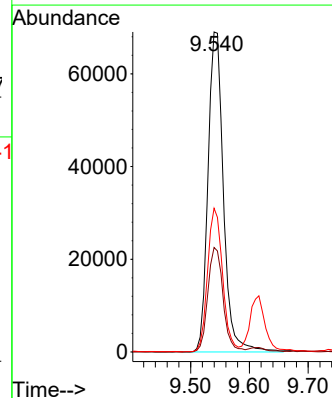
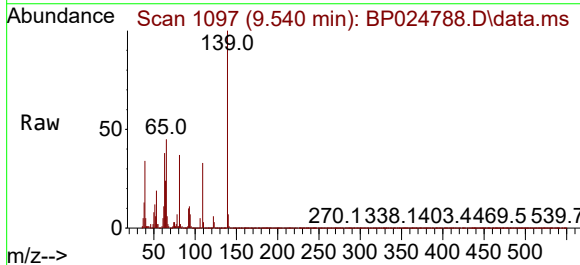
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Supervised By :Jagrut
Upadhyay

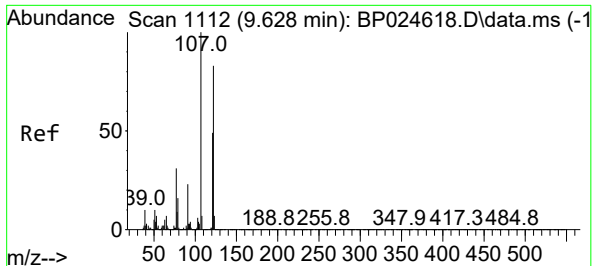
05/27/2025



#26
2-Nitrophenol
Concen: 42.384 ng
RT: 9.540 min Scan# 1097
Delta R.T. -0.024 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:139 Resp: 126118
Ion Ratio Lower Upper
139 100
109 32.7 25.9 38.9
65 44.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 39.115 ng

RT: 9.616 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 20520

Ion Ratio Lower Upper

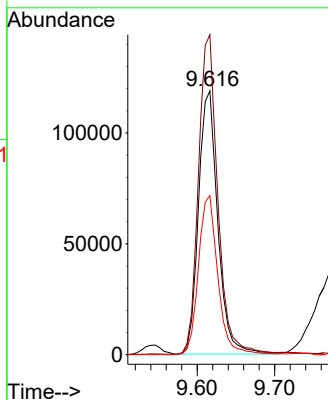
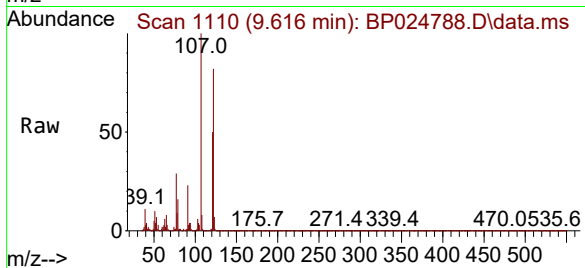
122 100

107 121.3 96.2 144.2

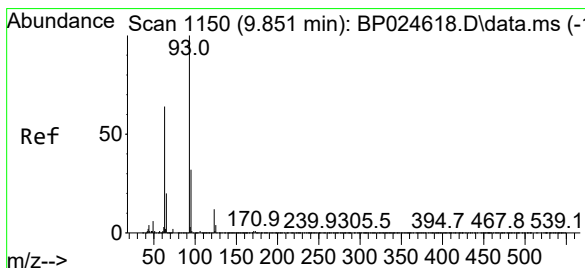
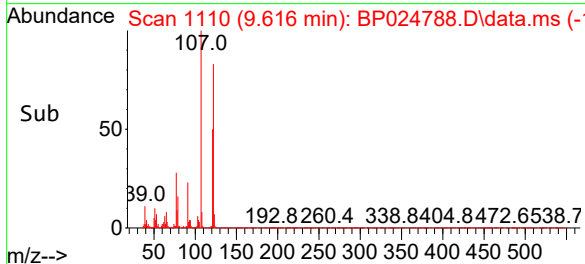
121 60.3 47.6 71.4

Manual Integrations

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Upadhyay

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#28

bis(2-Chloroethoxy)methane

Concen: 33.693 ng

RT: 9.834 min Scan# 1147

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

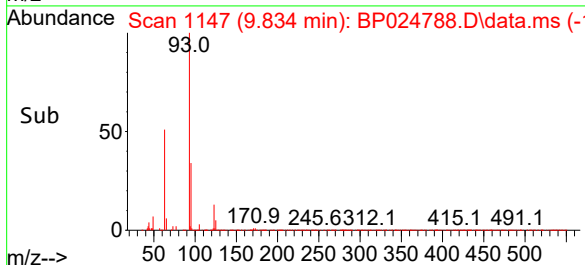
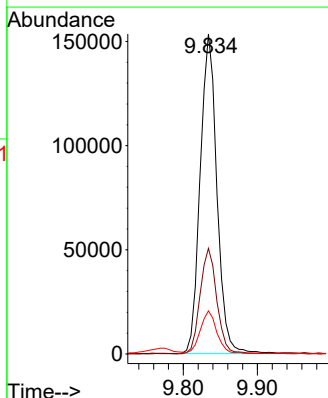
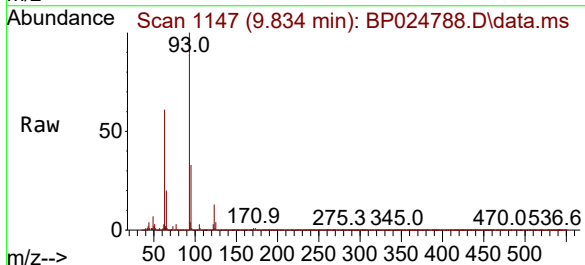
Tgt Ion: 93 Resp: 240940

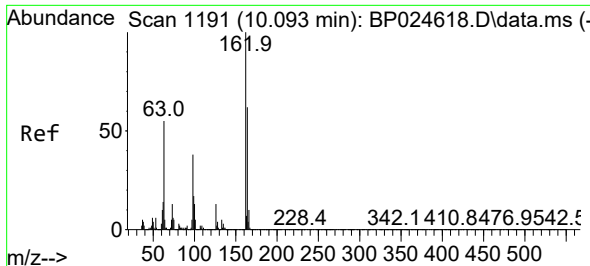
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 13.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.513 ng

RT: 10.093 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP024788.D

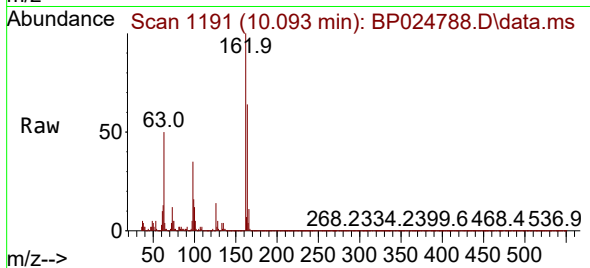
Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 205962

Ion Ratio Lower Upper

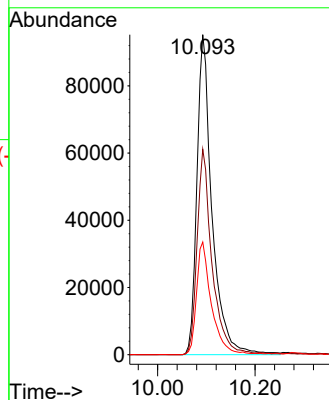
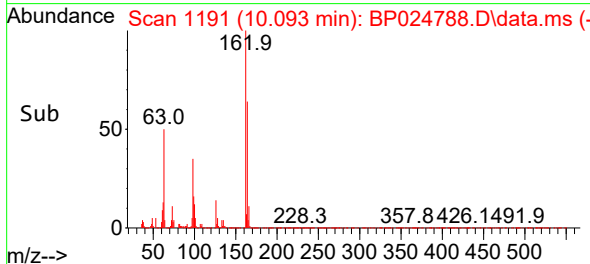
162 100

164 64.2 42.3 82.3

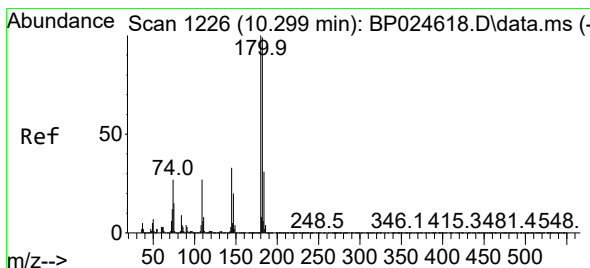
98 35.2 18.4 58.4

Manual Integrations

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#30

1,2,4-Trichlorobenzene

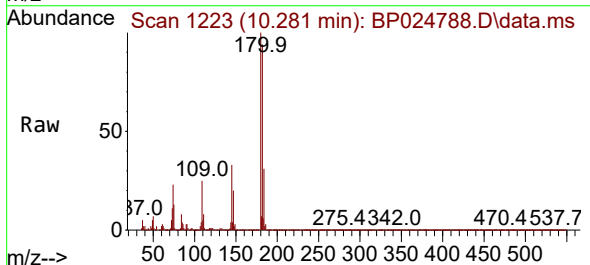
Concen: 39.636 ng

RT: 10.281 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40



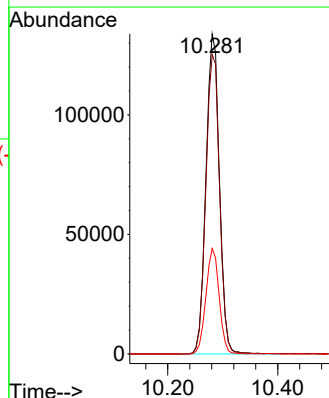
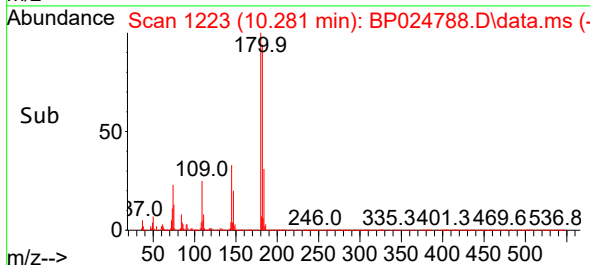
Tgt Ion:180 Resp: 227074

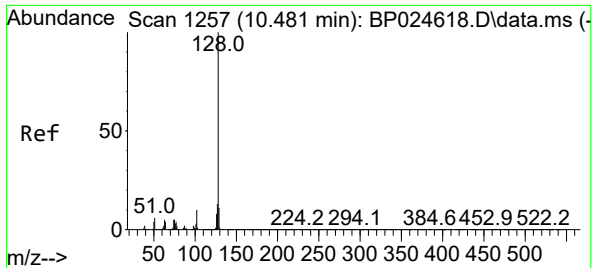
Ion Ratio Lower Upper

180 100

182 93.5 79.0 118.4

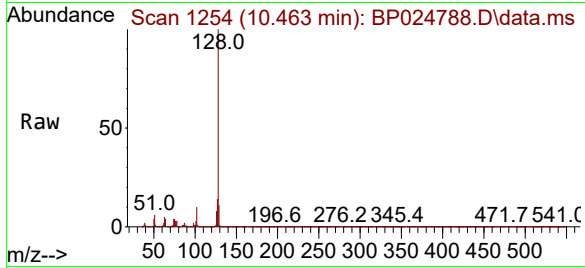
145 32.9 26.6 39.8





#31
Naphthalene
Concen: 38.612 ng
RT: 10.463 min Scan# 1125
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

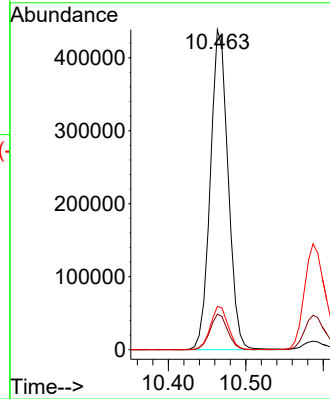
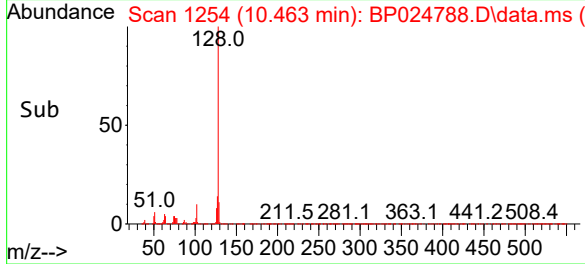
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 69762
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.7 16.1

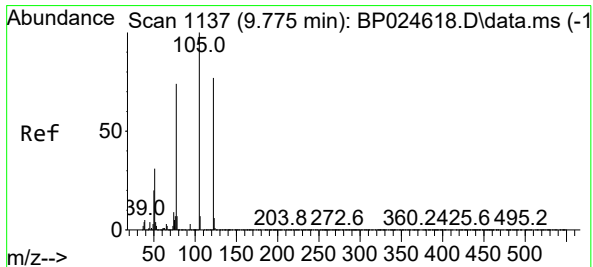
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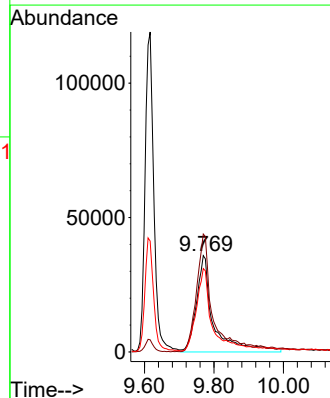
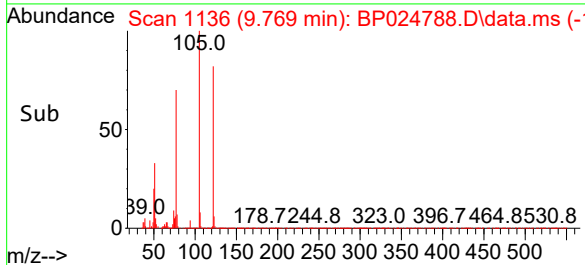
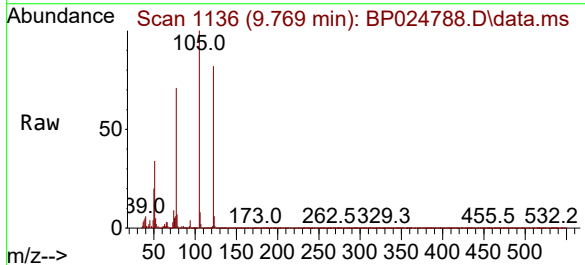
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Supervised By :Jagrut
Upadhyay

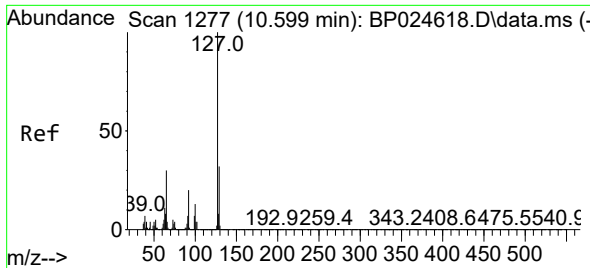
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#32
Benzoic acid
Concen: 35.863 ng m
RT: 9.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:122 Resp: 122811
Ion Ratio Lower Upper
122 100
105 122.5 106.9 146.9
77 86.6 75.1 115.1





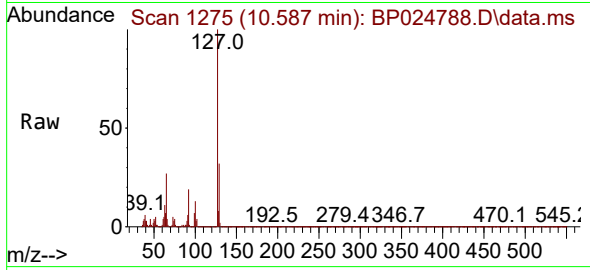
#33
4-Chloroaniline
Concen: 39.447 ng
RT: 10.587 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

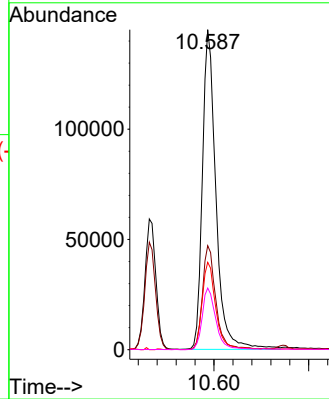
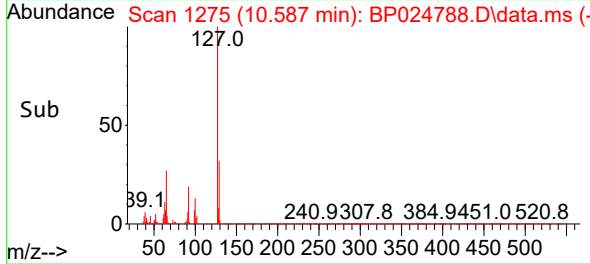
BNA_P

ClientSampleId :

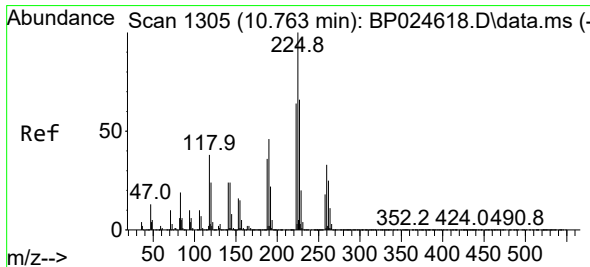
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Tgt Ion:127 Resp: 287598
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.6
65 27.3 23.9 35.9
92 19.2 16.1 24.1

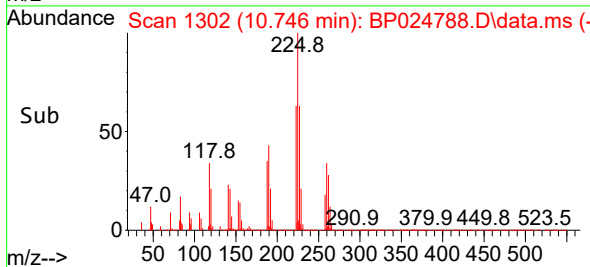
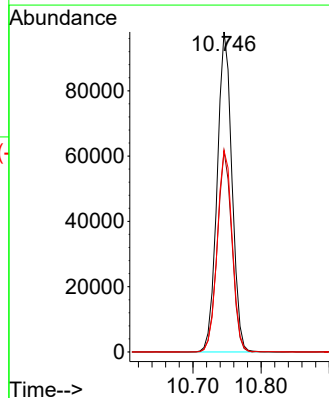
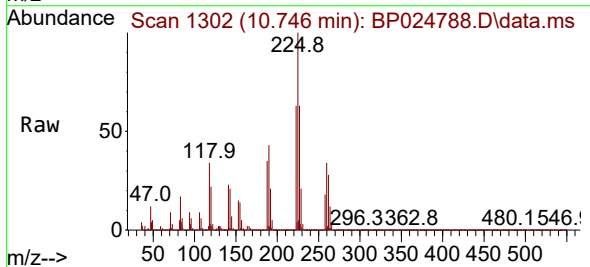
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APPROVEDReviewed By :Rahul
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Supervised By :Jagrut
Upadhyay

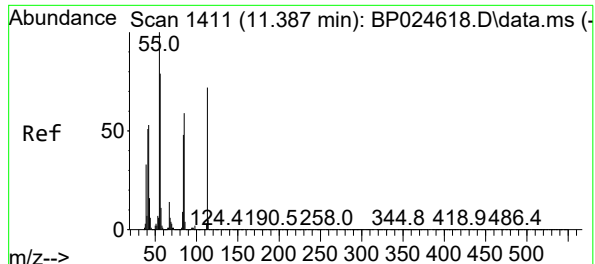
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#34
Hexachlorobutadiene
Concen: 39.777 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:225 Resp: 147624
Ion Ratio Lower Upper
225 100
223 62.8 51.0 76.6
227 62.9 53.1 79.7





#35

Caprolactam

Concen: 39.418 ng

RT: 11.381 min Scan# 1411

Delta R.T. -0.006 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 72504

Ion Ratio Lower Upper

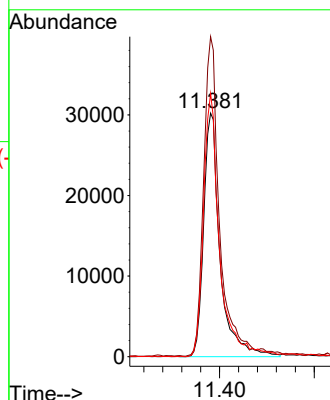
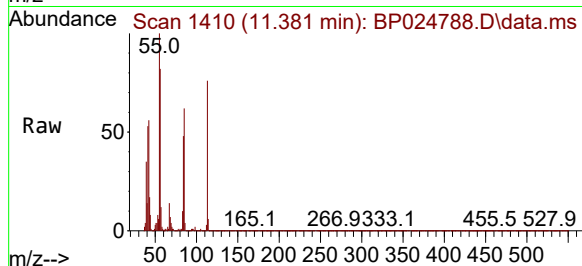
113 100

55 131.4 119.0 159.0

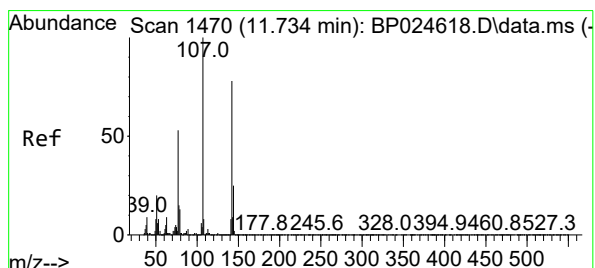
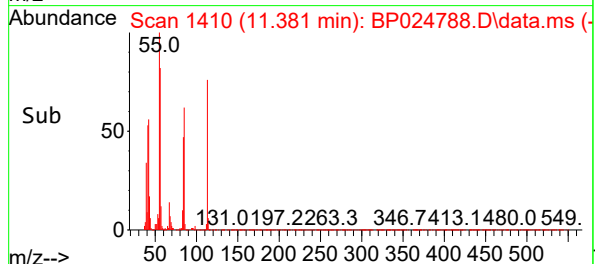
56 108.0 90.3 130.3

Manual Integrations

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Upadhyay

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#36

4-Chloro-3-methylphenol

Concen: 37.662 ng

RT: 11.734 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

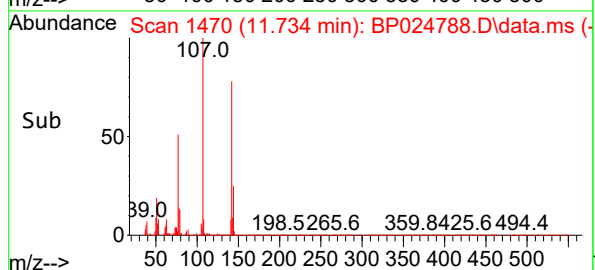
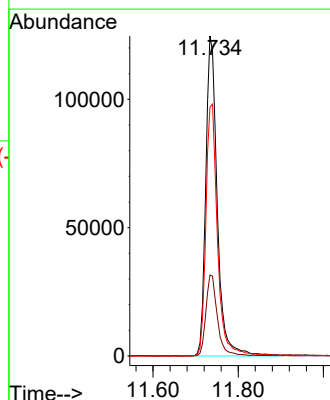
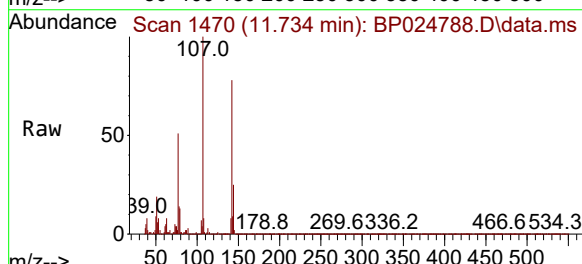
Tgt Ion:107 Resp: 233494

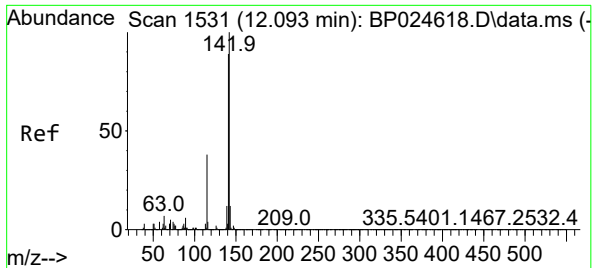
Ion Ratio Lower Upper

107 100

144 25.3 20.1 30.1

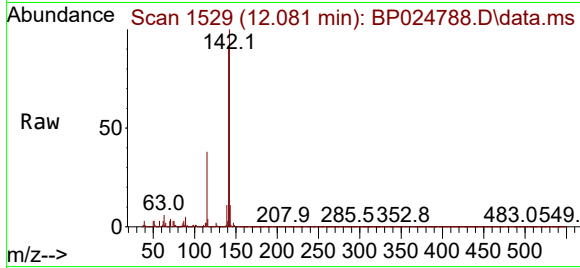
142 77.7 62.1 93.1





#37
2-Methylnaphthalene
Concen: 37.844 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

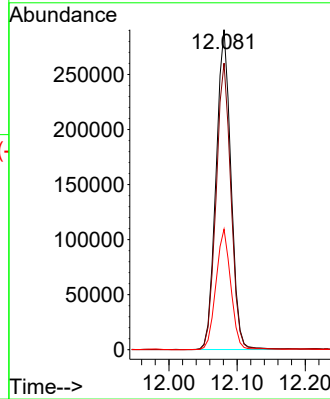
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 44273
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8
115 37.7 30.6 46.0

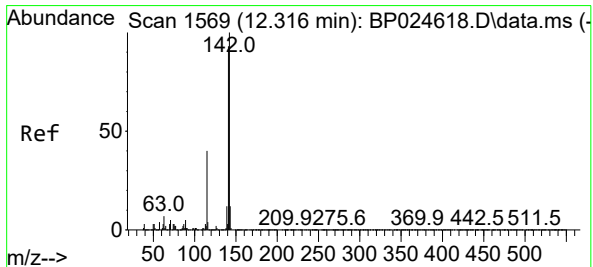
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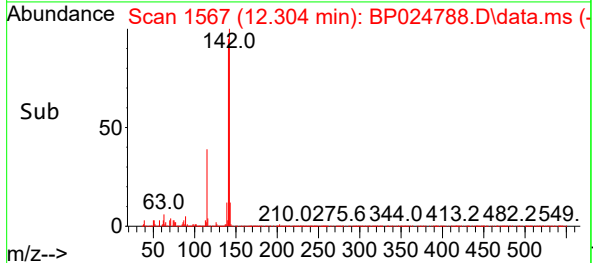
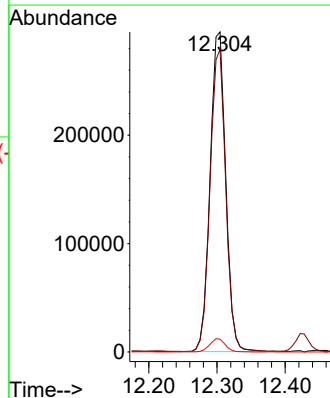
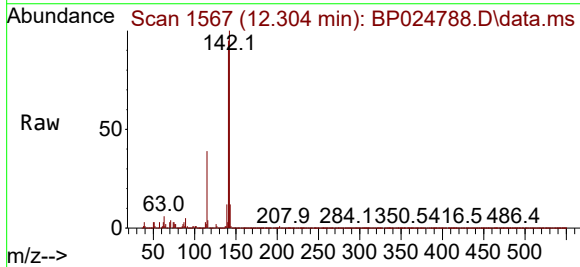
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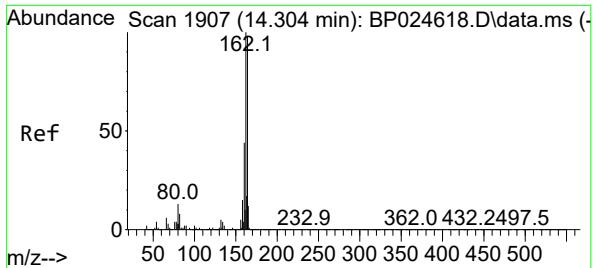
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#38
1-Methylnaphthalene
Concen: 37.693 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:142 Resp: 471817
Ion Ratio Lower Upper
142 100
141 94.6 74.7 112.1
116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. -0.024 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 22350

Ion Ratio Lower Upper

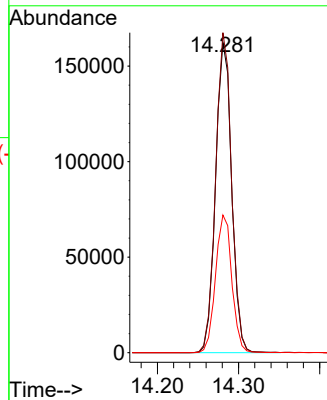
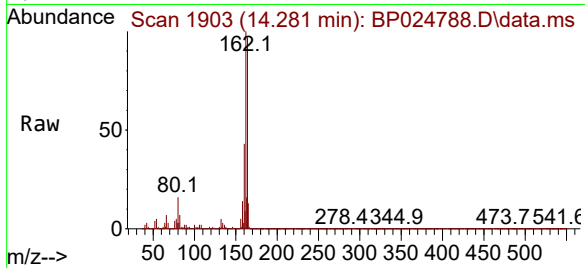
164 100

162 103.2 81.8 122.6

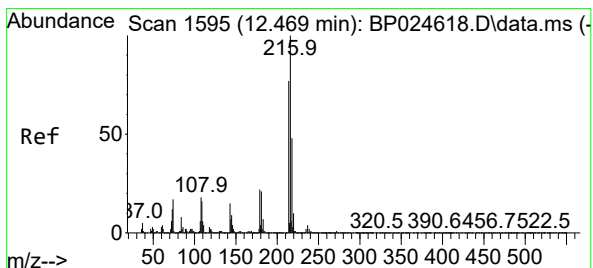
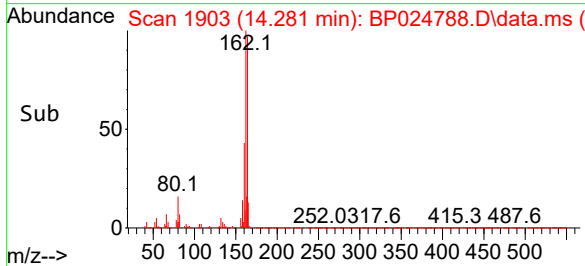
160 44.3 36.3 54.5

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Upadhyay

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.090 ng

RT: 12.451 min Scan# 1592

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Tgt Ion:216 Resp: 260194

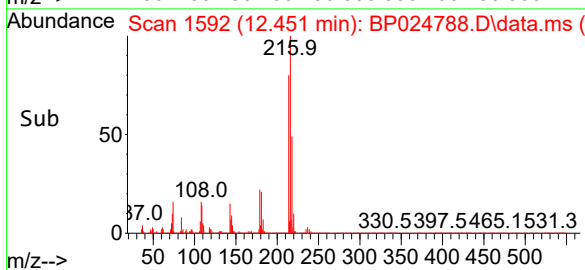
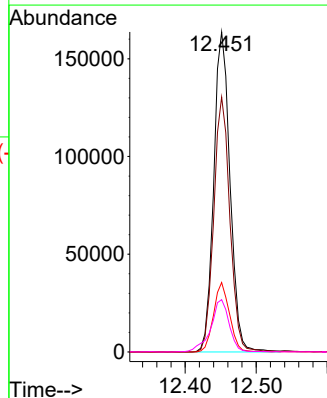
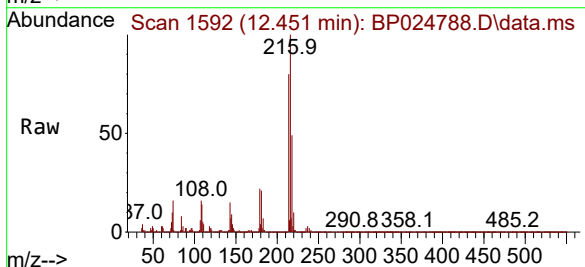
Ion Ratio Lower Upper

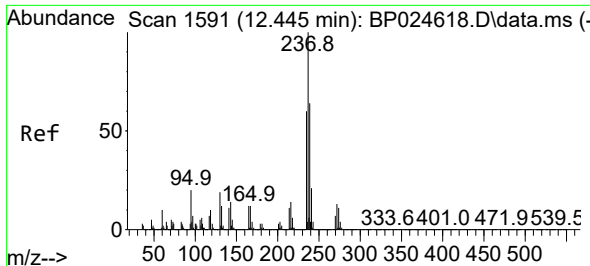
216 100

214 79.0 62.3 93.5

179 21.3 17.7 26.5

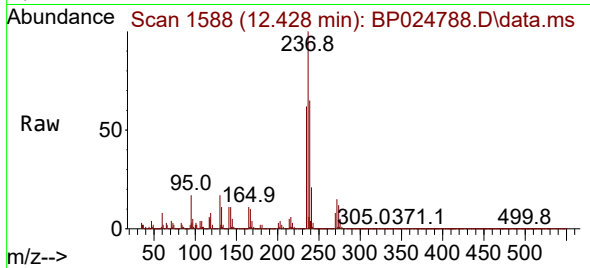
108 18.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 52.383 ng
RT: 12.428 min Scan# 1591
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

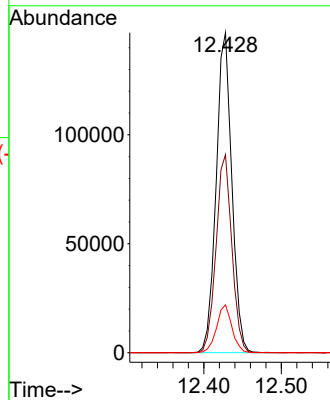
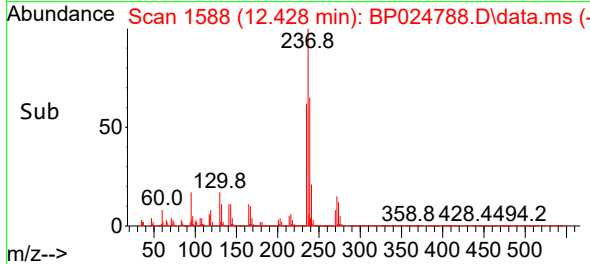
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 20615
Ion Ratio Lower Upper
237 100
235 61.9 39.9 79.9
272 15.0 0.0 33.2

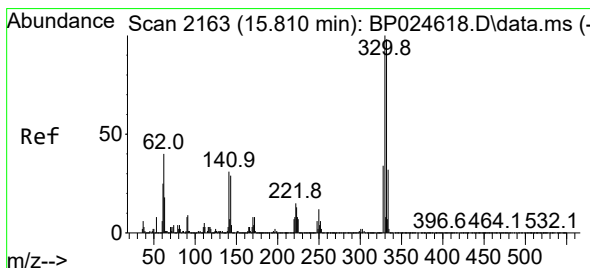
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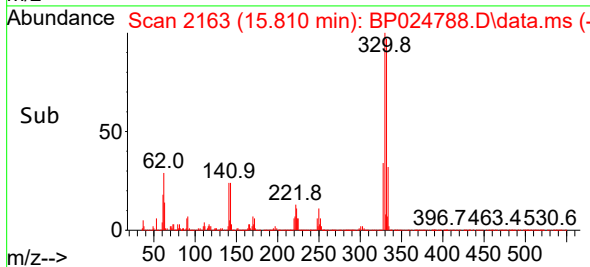
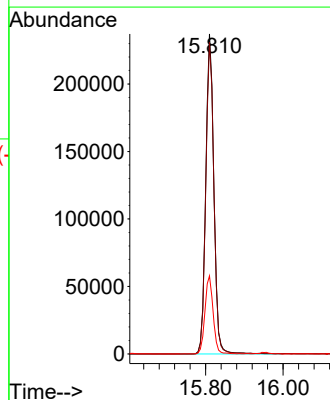
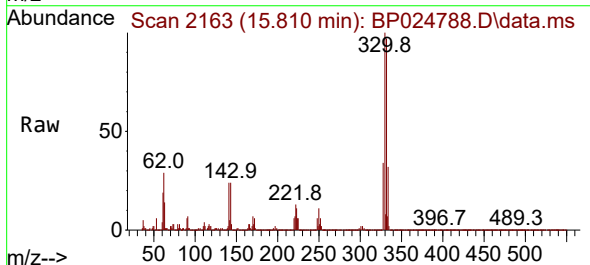
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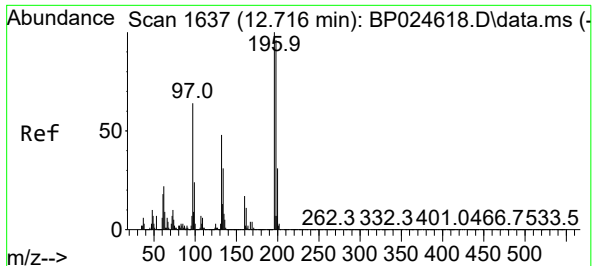
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#42
2,4,6-Tribromophenol
Concen: 90.543 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

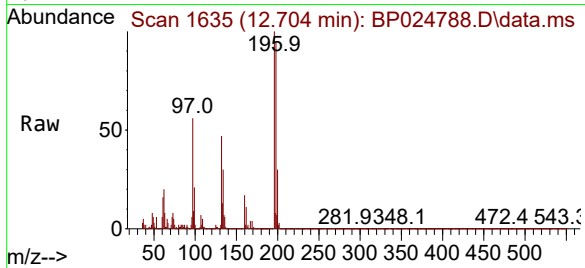
Tgt Ion: 330 Resp: 343067
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 24.7 24.3 36.5





#43
2,4,6-Trichlorophenol
Concen: 41.312 ng
RT: 12.704 min Scan# 1635
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

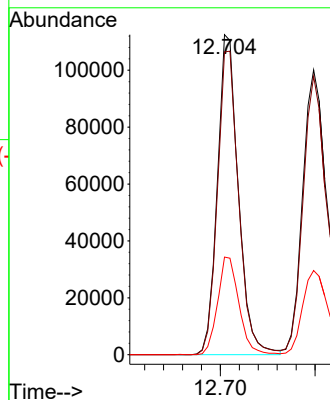
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 173668
Ion Ratio Lower Upper
196 100
198 94.6 76.9 115.3
200 30.5 25.2 37.8

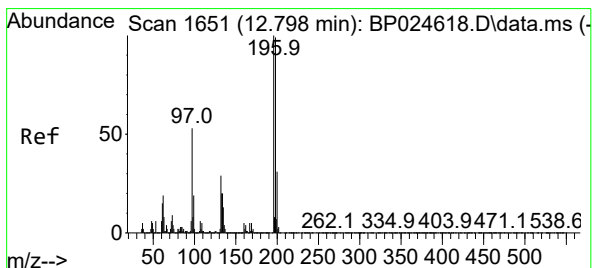
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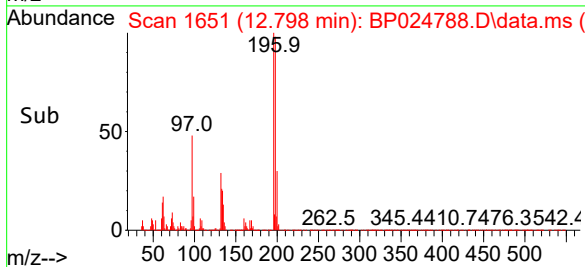
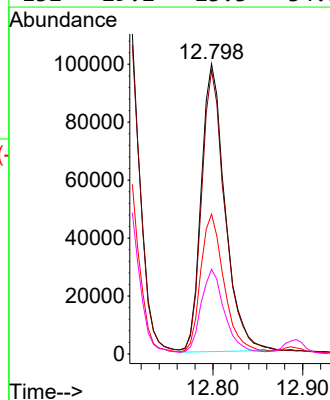
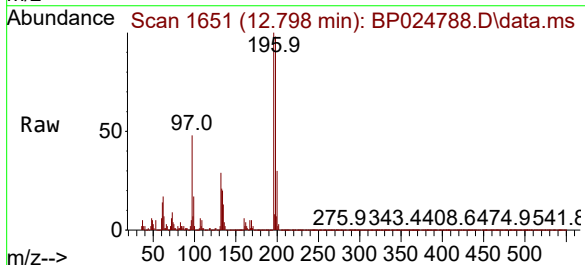
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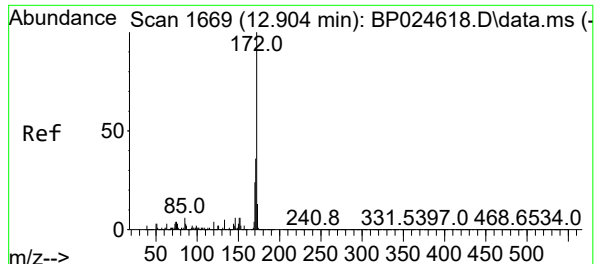
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#44
2,4,5-Trichlorophenol
Concen: 39.137 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:196 Resp: 183134
Ion Ratio Lower Upper
196 100
198 97.8 79.2 118.8
97 48.2 42.3 63.5
132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 78.425 ng

RT: 12.893 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 133790

Ion Ratio Lower Upper

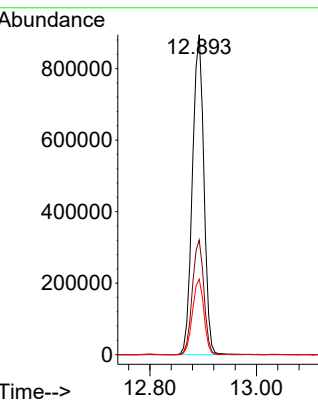
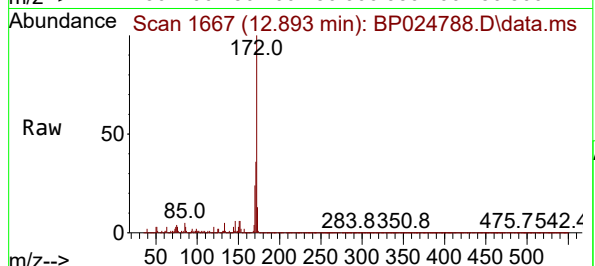
172 100

171 35.8 28.8 43.2

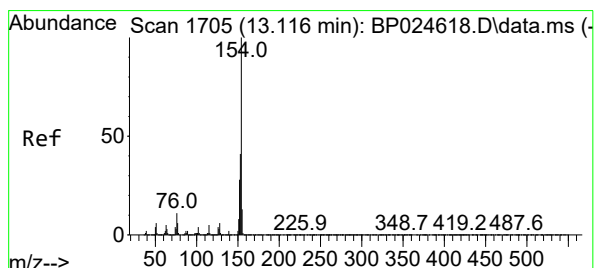
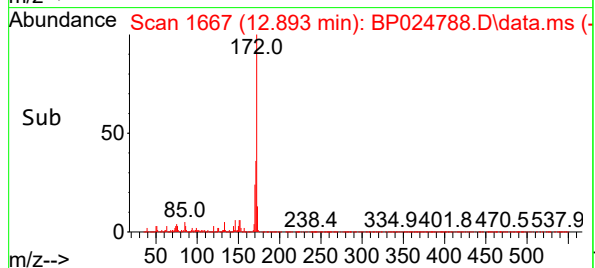
170 23.6 18.8 28.2

Manual Integrations

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Reviewed By :Rahul
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Supervised By :Jagrut
Upadhyay

05/27/2025



#46

1,1'-Biphenyl

Concen: 38.408 ng

RT: 13.093 min Scan# 1701

Delta R.T. -0.024 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

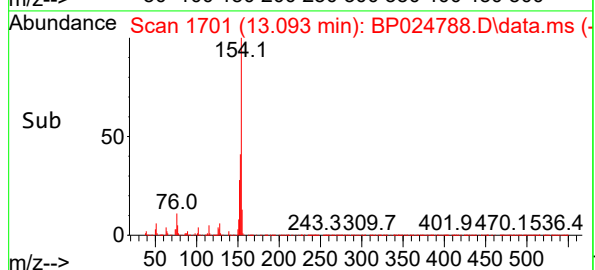
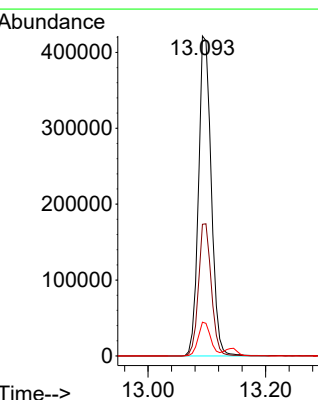
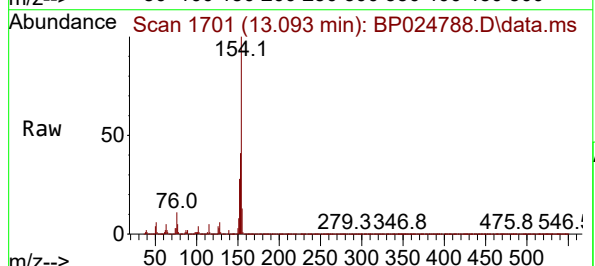
Tgt Ion:154 Resp: 634461

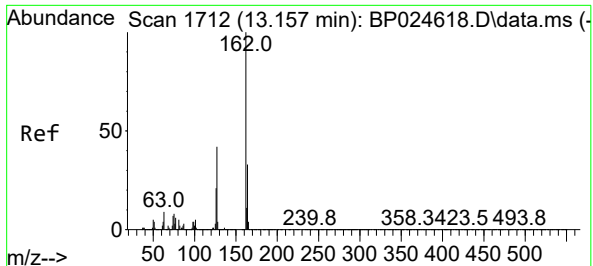
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 10.5 0.0 31.5





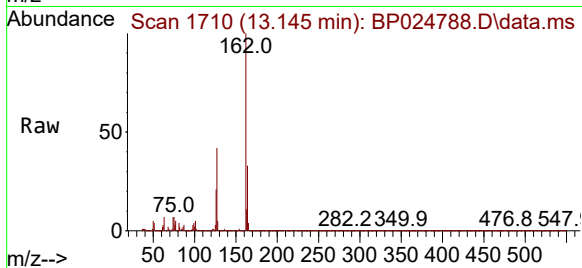
#47
2-Chloronaphthalene
Concen: 39.580 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

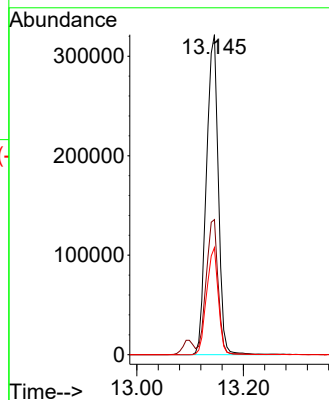
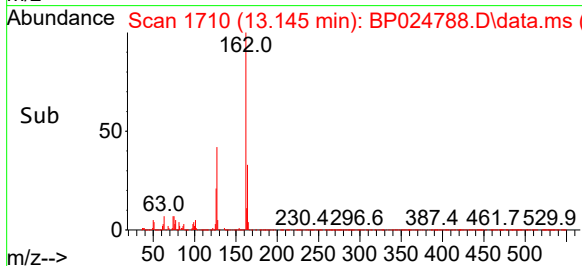
SSTDCCC040



Tgt Ion:162 Resp: 49852
Ion Ratio Lower Upper
162 100
127 42.2 33.8 50.6
164 33.4 26.0 39.0

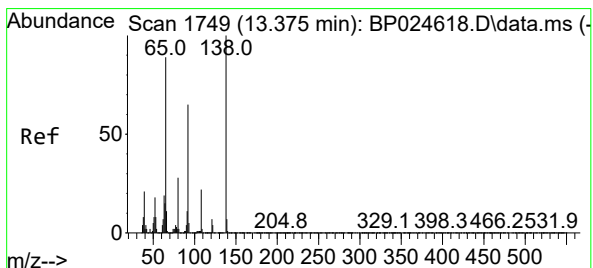
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APPROVED

Reviewed By :Rahul
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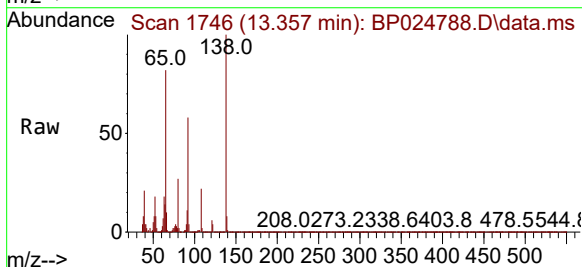


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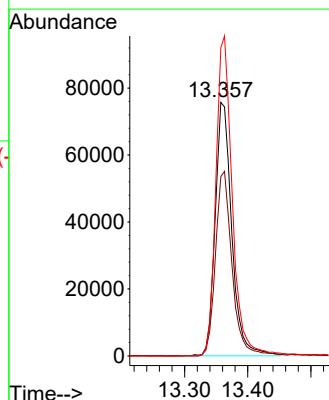
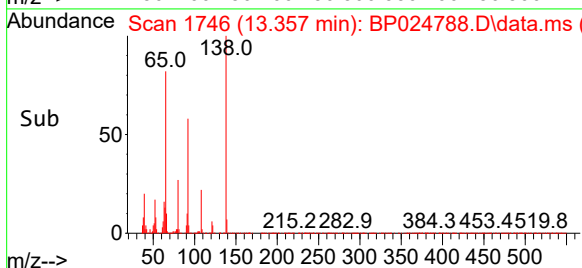
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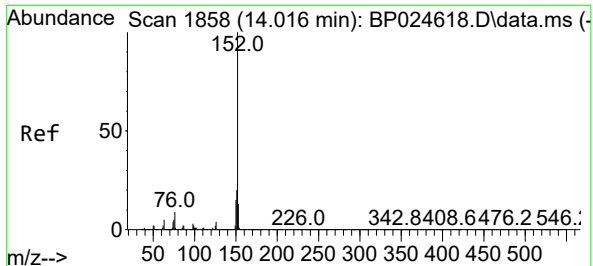


#48
2-Nitroaniline
Concen: 37.032 ng
RT: 13.357 min Scan# 1746
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion: 65 Resp: 138094
Ion Ratio Lower Upper
65 100
92 70.7 58.7 88.1
138 121.5 90.2 135.2





#49

Acenaphthylene

Concen: 39.218 ng

RT: 13.998 min Scan# 1855

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 826630

Ion Ratio Lower Upper

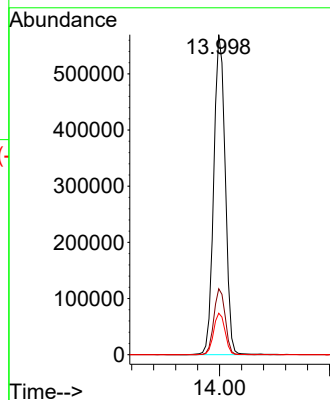
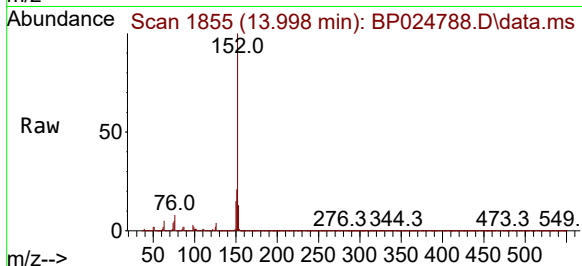
152 100

151 20.6 16.2 24.4

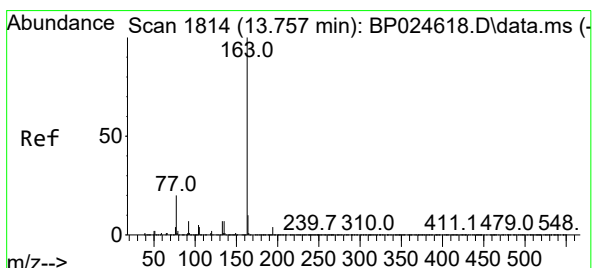
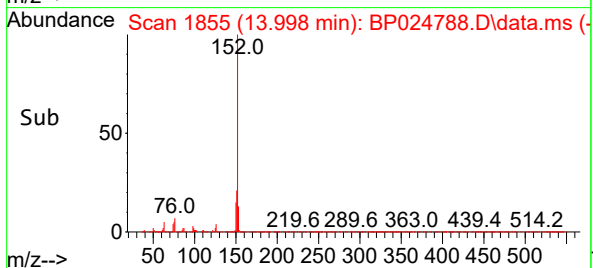
153 13.0 10.2 15.4

Manual Integrations

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Reviewed By :Rahul
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Upadhyay

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#50

Dimethylphthalate

Concen: 38.588 ng

RT: 13.734 min Scan# 1810

Delta R.T. -0.024 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

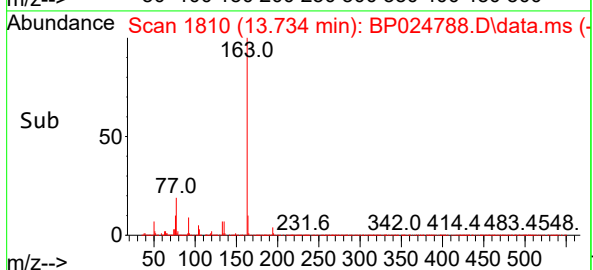
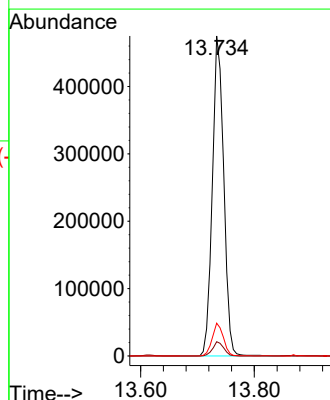
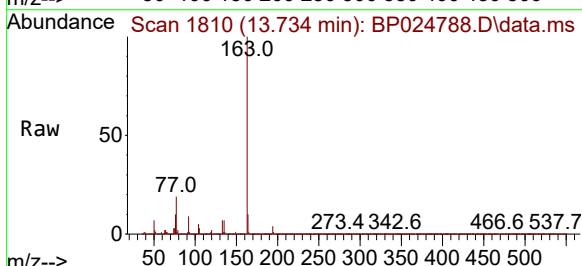
Tgt Ion:163 Resp: 657364

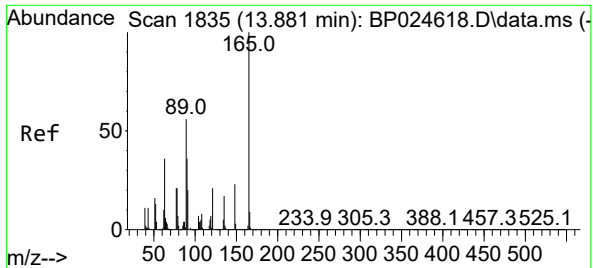
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

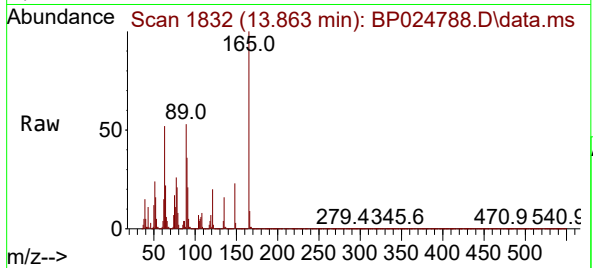
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 39.670 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

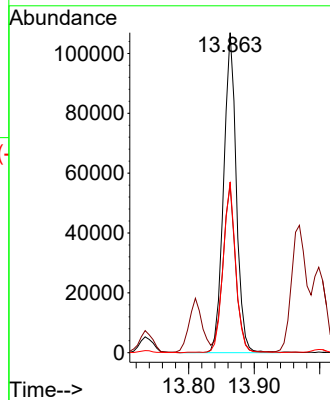
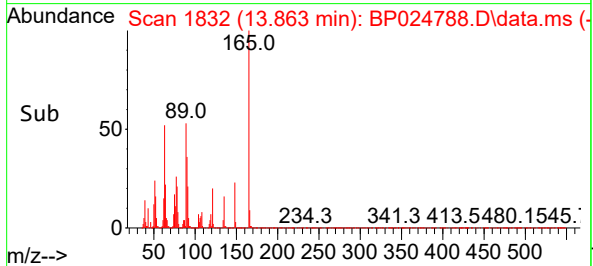
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 14272
Ion Ratio Lower Upper
165 100
63 52.3 42.4 63.6
89 53.4 44.8 67.2

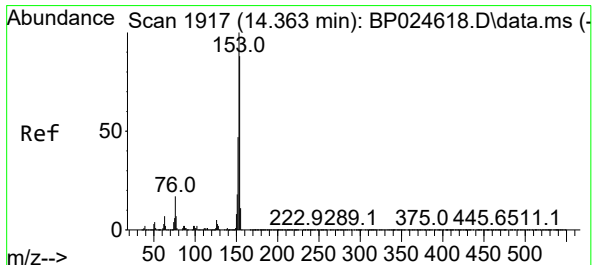
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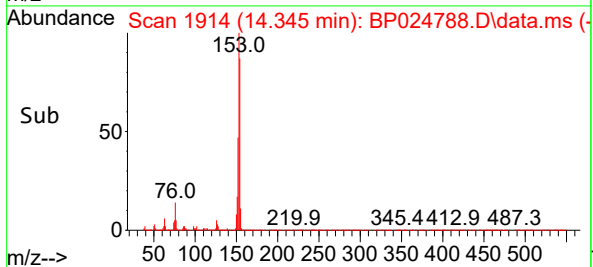
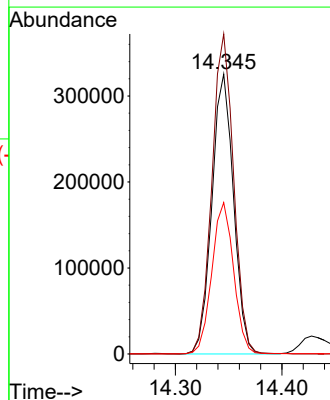
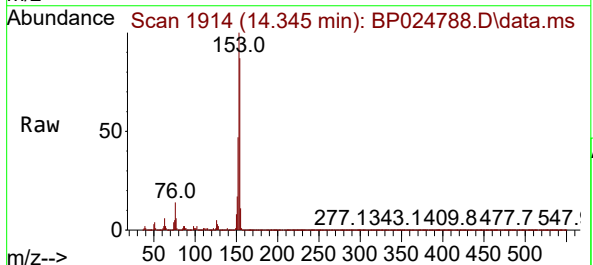
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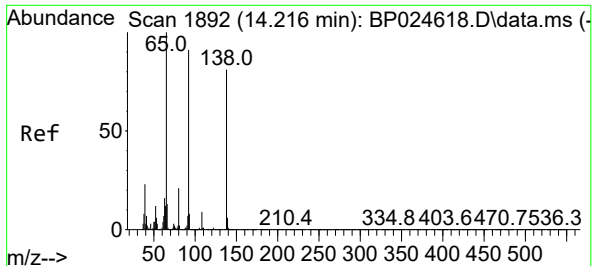
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#52
Acenaphthene
Concen: 37.863 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

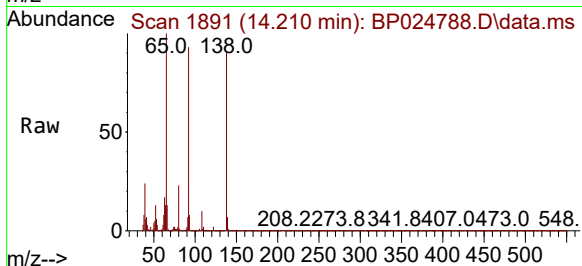
Tgt Ion:154 Resp: 458801
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.4
152 54.1 42.9 64.3





#53
3-Nitroaniline
Concen: 39.463 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

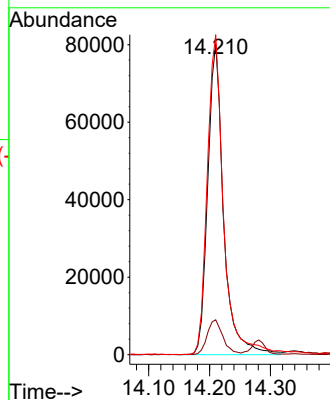
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 144972
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 102.9 90.1 135.1

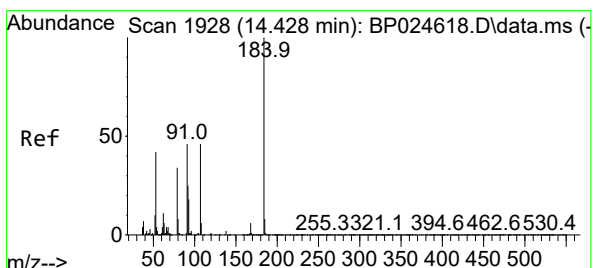
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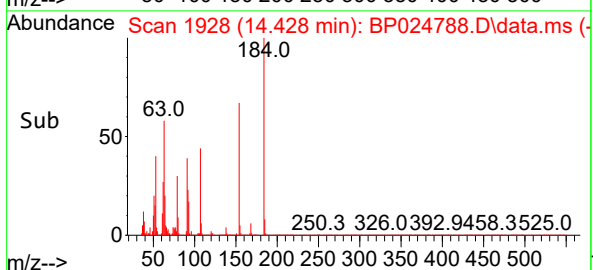
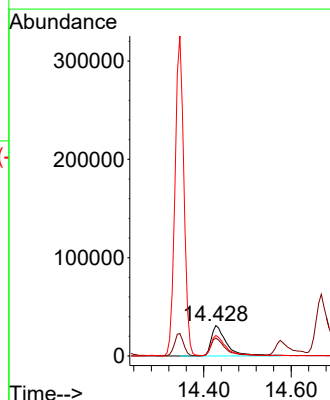
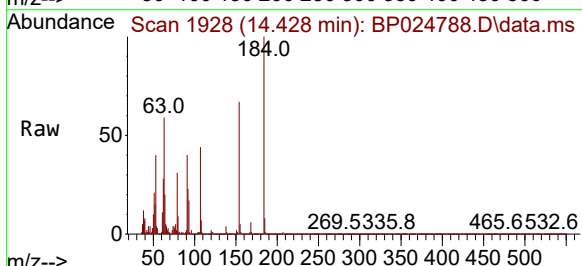
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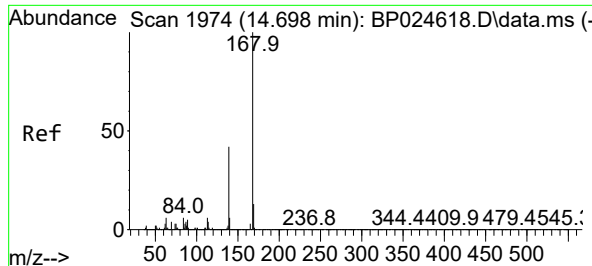
05/27/2025



#54
2,4-Dinitrophenol
Concen: 36.684 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

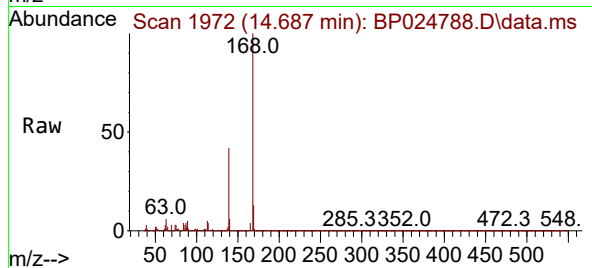
Tgt Ion:184 Resp: 74679
Ion Ratio Lower Upper
184 100
63 58.9 51.3 76.9
154 67.2 53.5 80.3





#55
Dibenzenofuran
Concen: 38.561 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

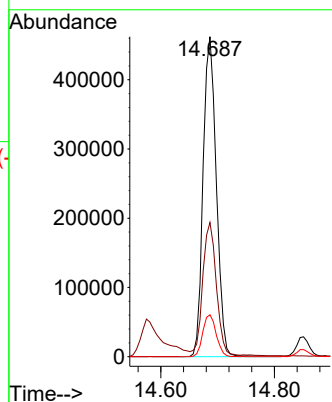
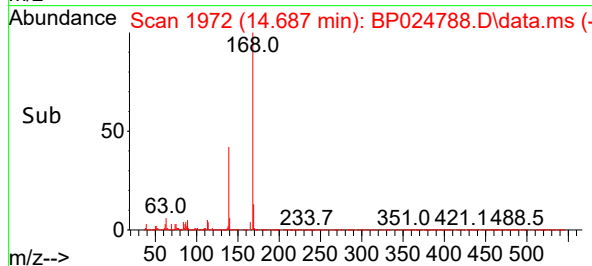
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 745308
Ion Ratio Lower Upper
168 100
139 42.0 34.2 51.4
169 13.1 10.8 16.2

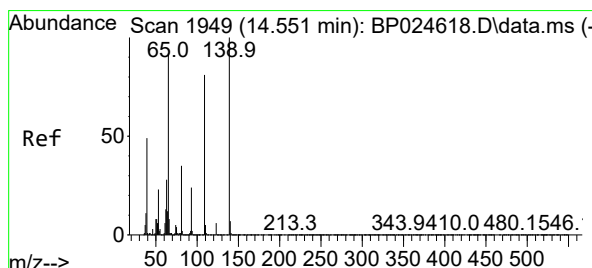
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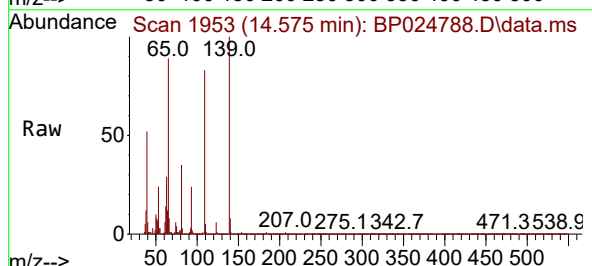


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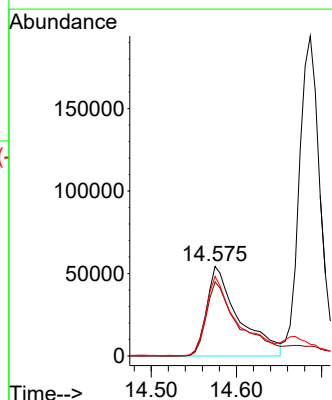
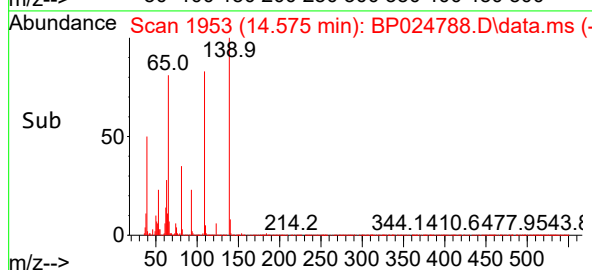
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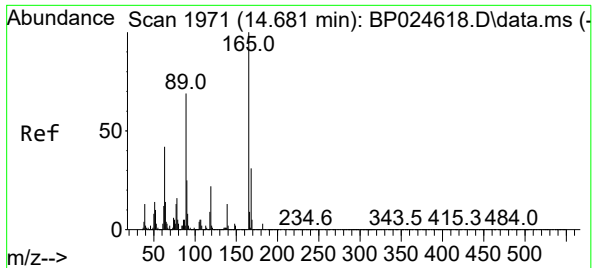


#56
4-Nitrophenol
Concen: 46.665 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion:139 Resp: 142487
Ion Ratio Lower Upper
139 100
109 82.7 61.4 101.4
65 88.8 72.2 112.2





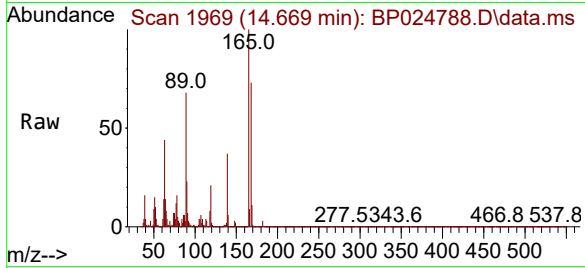
#57
2,4-Dinitrotoluene
Concen: 40.790 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

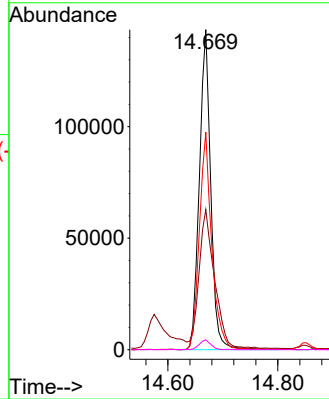
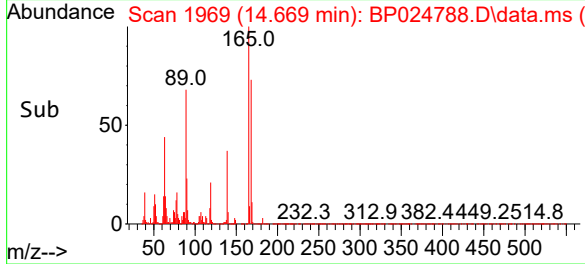
BNA_P

ClientSampleId :

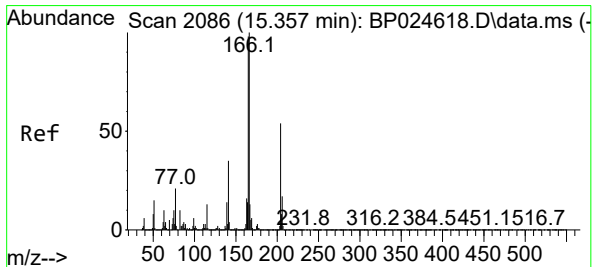
SSTDCCC040



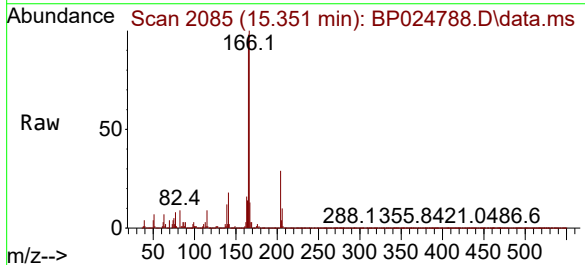
Tgt Ion:165 Resp: 206895
Ion Ratio Lower Upper
165 100
63 43.8 33.8 50.6
89 68.0 55.6 83.4
182 3.1 2.4 3.6

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Upadhyay

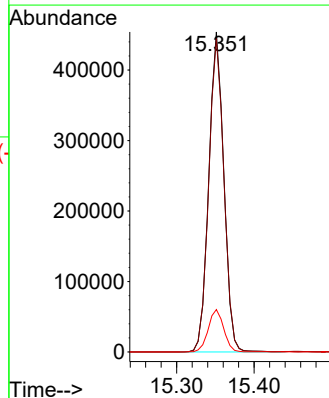
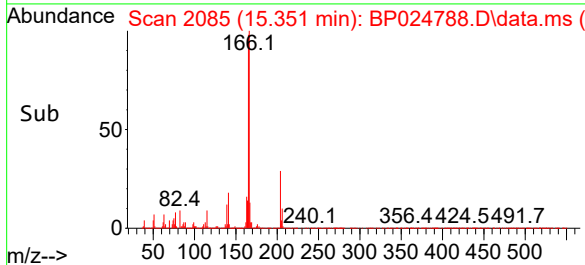
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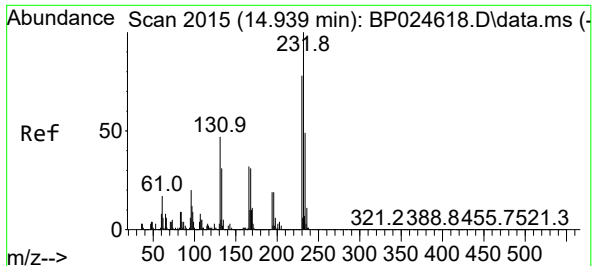


#58
Fluorene
Concen: 38.894 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion:166 Resp: 612974
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.2 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.732 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 17681

Ion Ratio Lower Upper

232 100

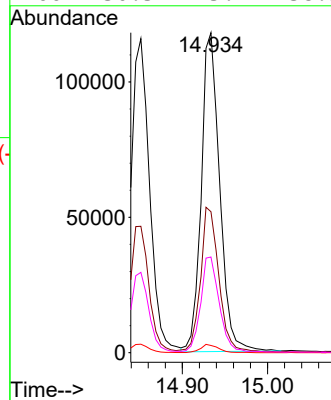
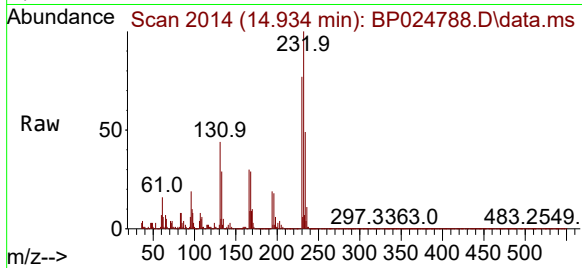
131 45.5 39.5 59.3

130 2.6 2.2 3.4

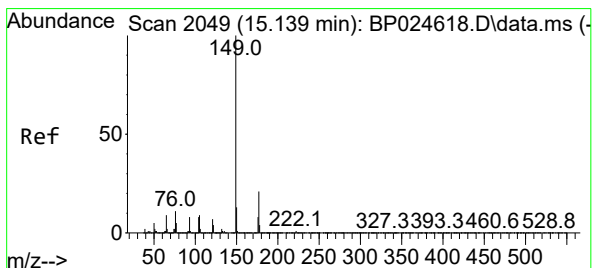
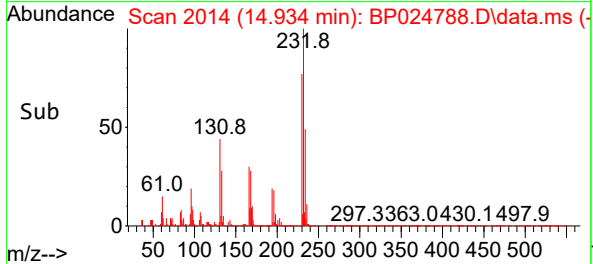
166 30.5 25.7 38.5

Manual Integrations

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Reviewed By :Rahul
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Upadhyay

05/27/2025



#60

Diethylphthalate

Concen: 37.991 ng

RT: 15.128 min Scan# 2047

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

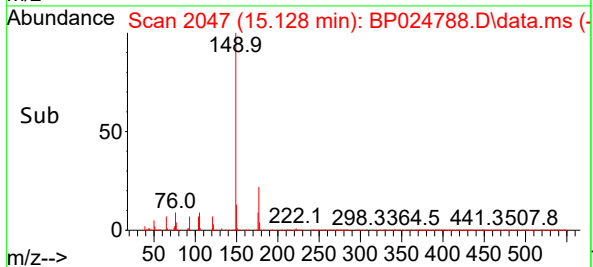
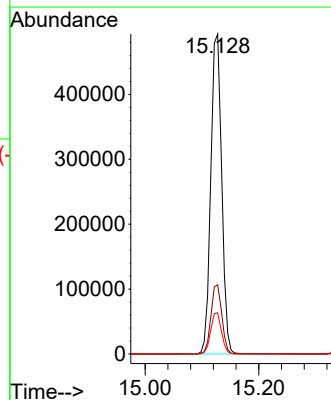
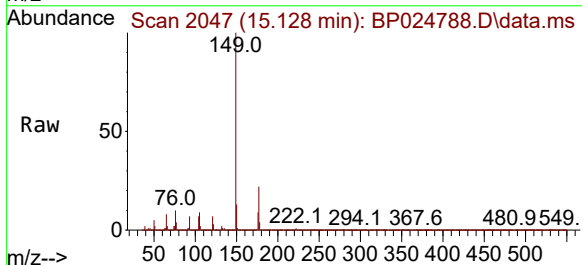
Tgt Ion:149 Resp: 654121

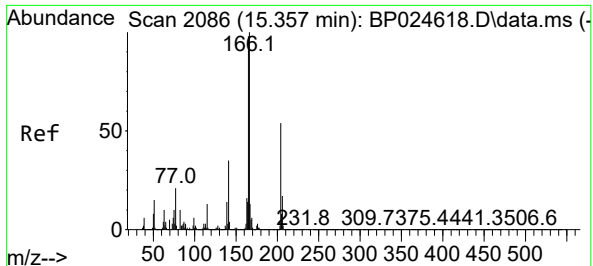
Ion Ratio Lower Upper

149 100

177 21.6 16.7 25.1

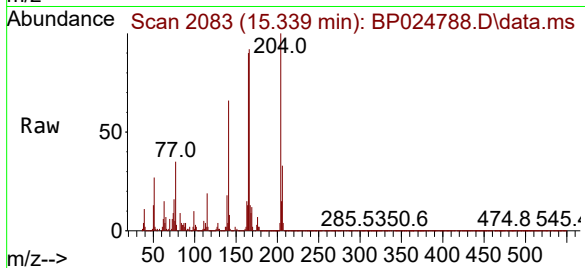
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.894 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

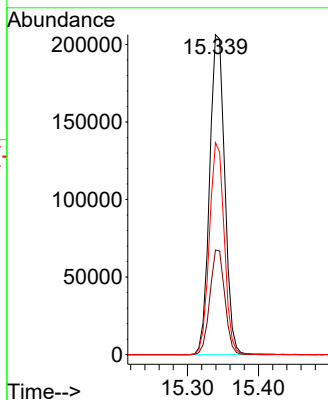
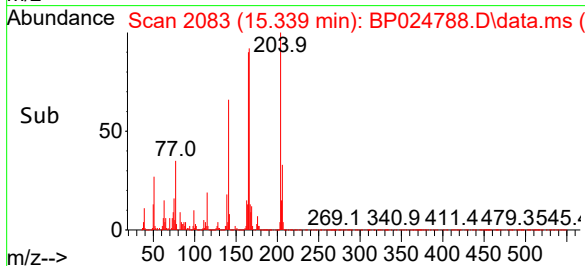
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 204 Resp: 305689
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 66.2 52.9 79.3

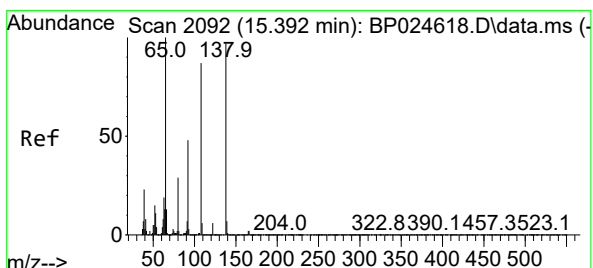
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Chavli



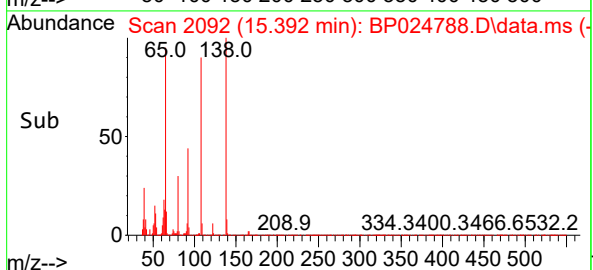
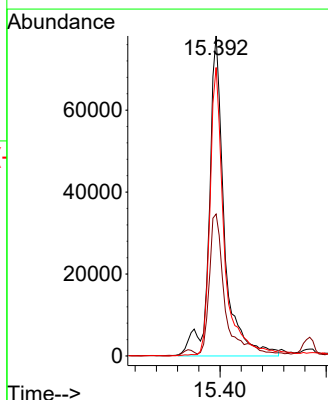
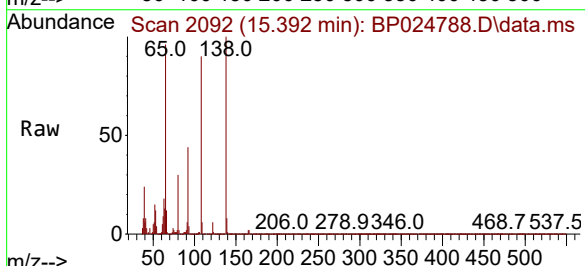
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Upadhyay

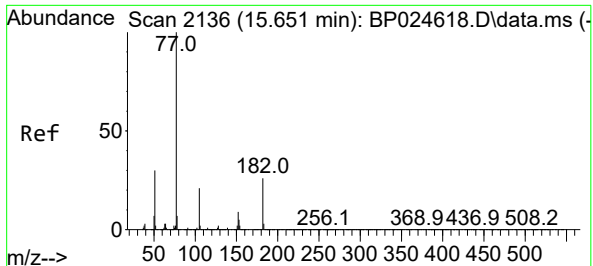
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#62
4-Nitroaniline
Concen: 43.848 ng m
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

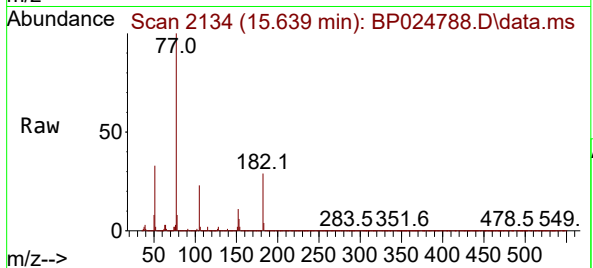
Tgt Ion: 138 Resp: 155534
Ion Ratio Lower Upper
138 100
92 44.4 29.2 69.2
108 90.1 69.0 109.0





#63
Azobenzene
Concen: 34.460 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

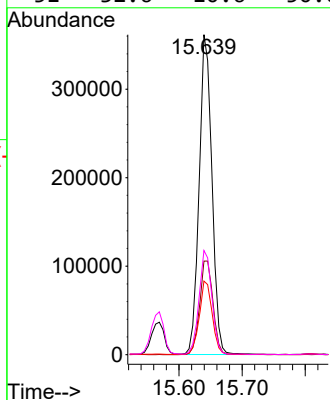
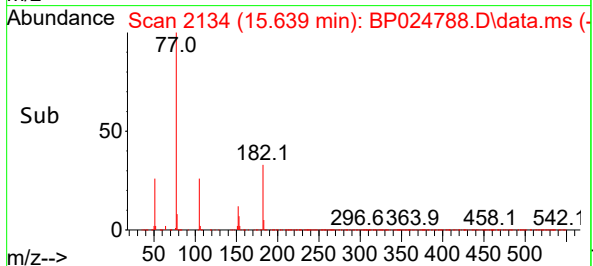
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 507580
Ion Ratio Lower Upper
77 100
182 29.2 5.7 45.7
105 23.0 1.3 41.3
51 32.6 10.6 50.6

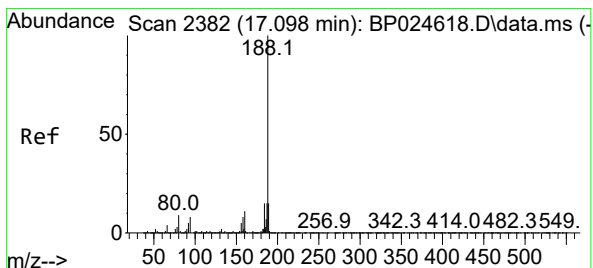
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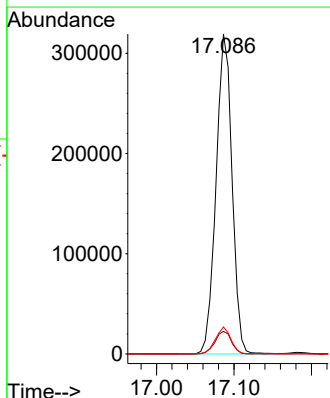
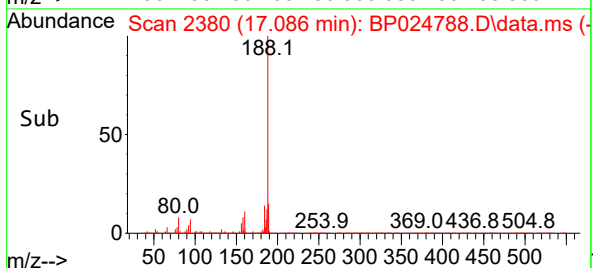
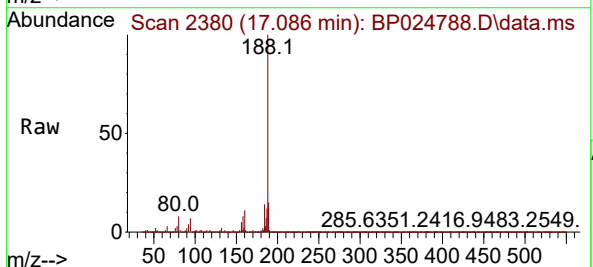
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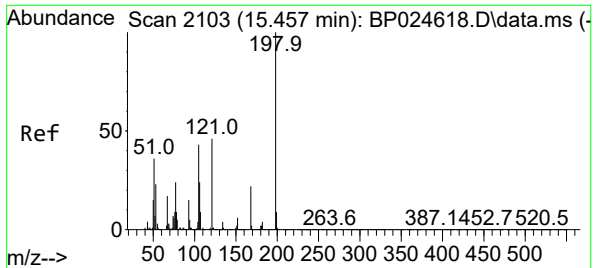
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

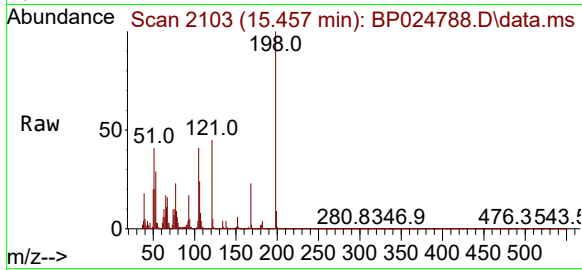
Tgt Ion:188 Resp: 457187
Ion Ratio Lower Upper
188 100
94 7.0 6.5 9.7
80 8.5 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 40.201 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

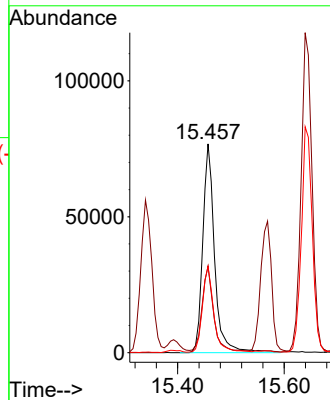
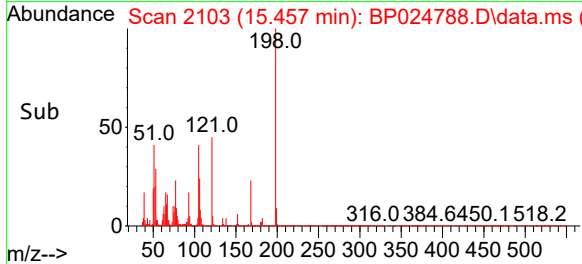
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 118718
Ion Ratio Lower Upper
198 100
51 41.4 21.1 61.1
105 41.3 23.6 63.6

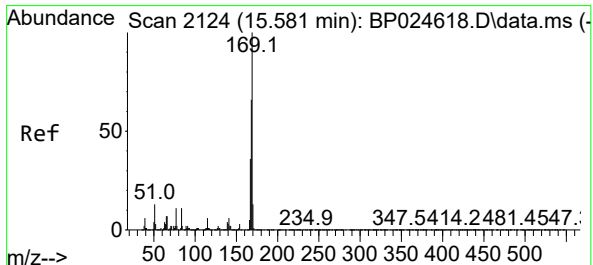
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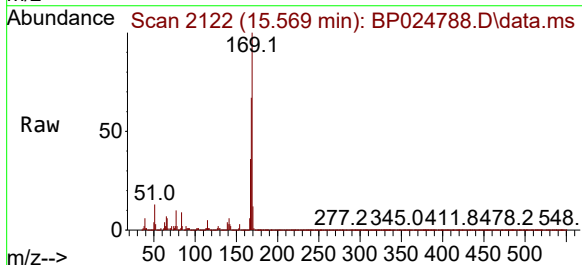


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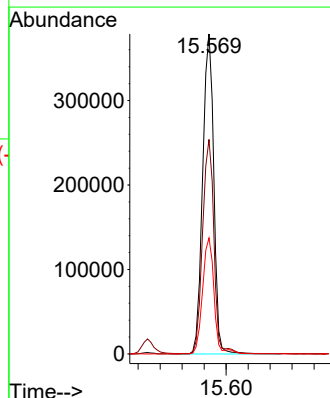
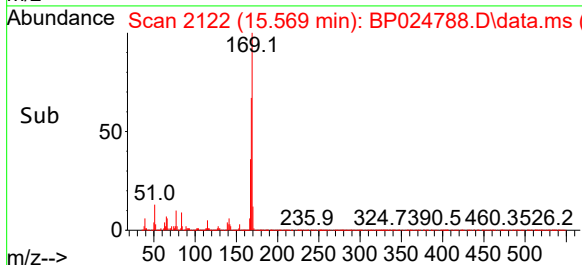
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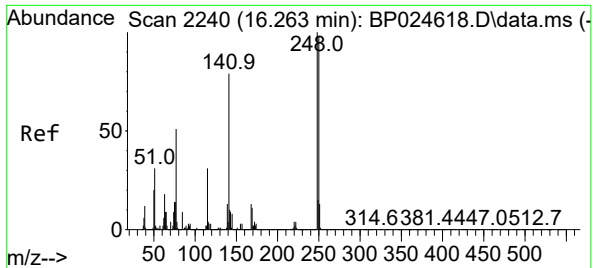


#66
n-Nitrosodiphenylamine
Concen: 37.796 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



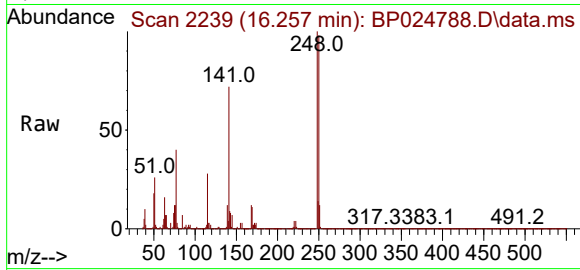
Tgt Ion:169 Resp: 530766
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 39.462 ng
RT: 16.257 min Scan# 212590
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

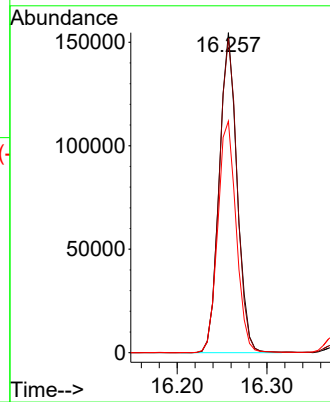
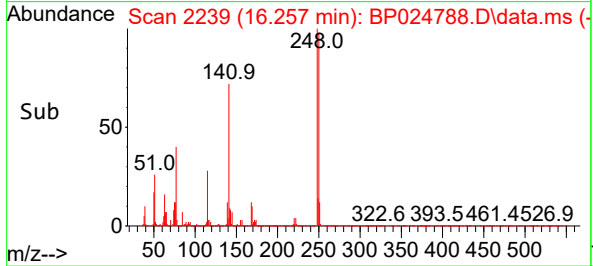
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 212590
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.4
141 72.3 63.0 94.6

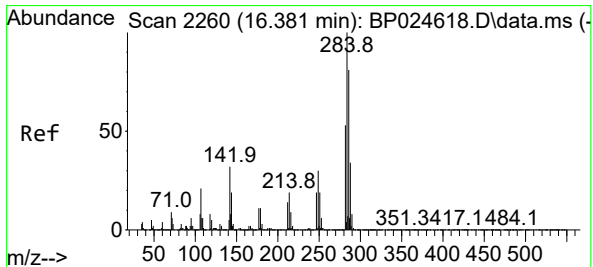
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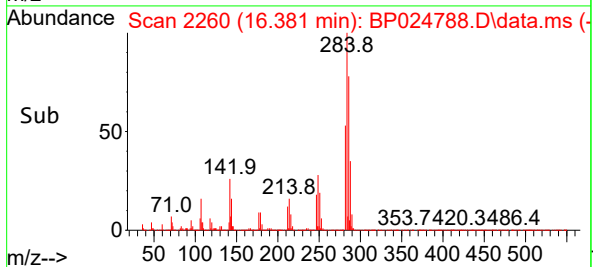
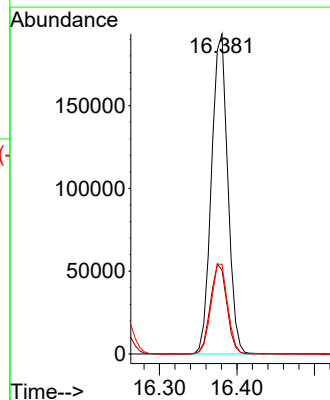
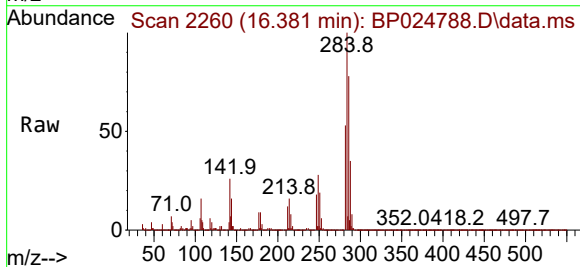
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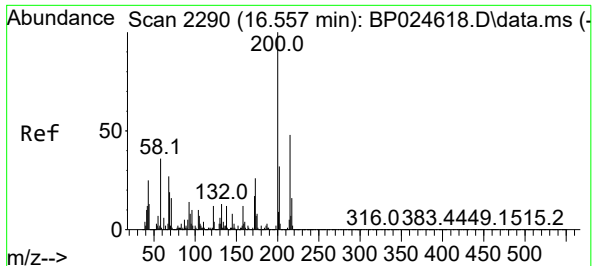
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#68
Hexachlorobenzene
Concen: 41.268 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

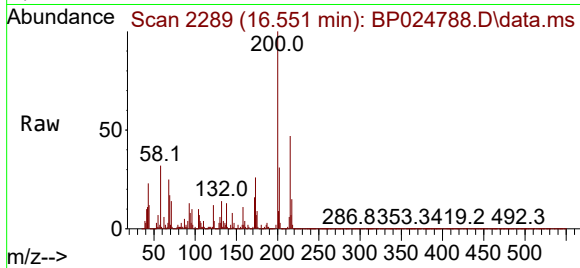
Tgt Ion:284 Resp: 282500
Ion Ratio Lower Upper
284 100
142 26.2 25.9 38.9
249 28.0 24.1 36.1





#69
Atrazine
Concen: 40.722 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

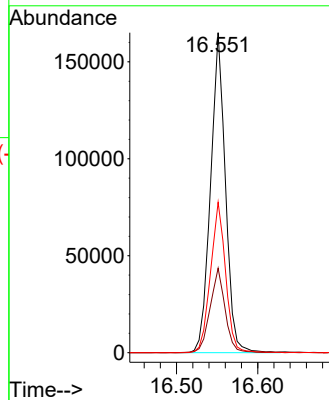
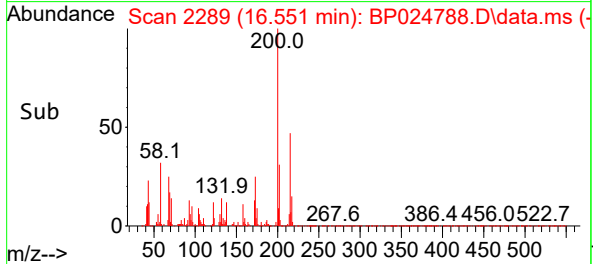
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:200 Resp: 20956
Ion Ratio Lower Upper
200 100
173 26.4 5.9 45.9
215 47.0 28.3 68.3

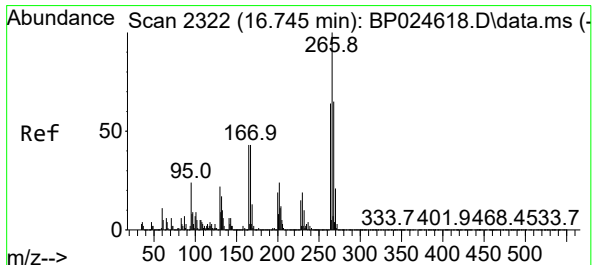
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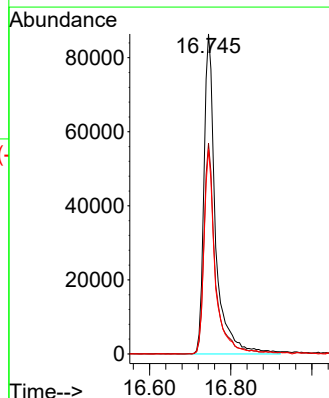
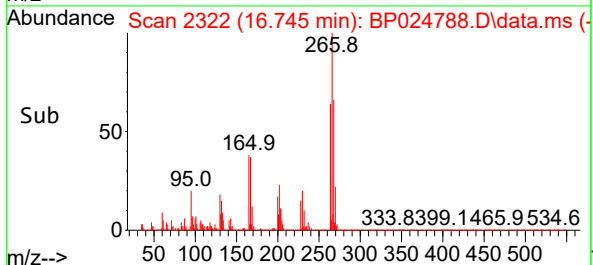
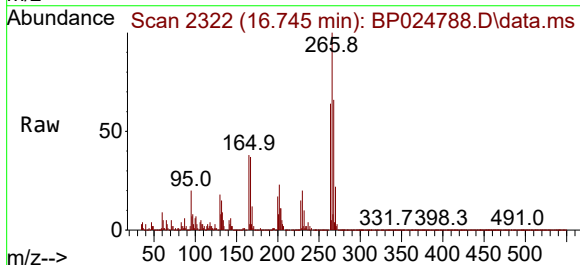
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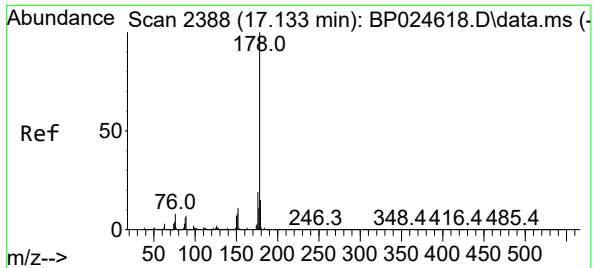
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#70
Pentachlorophenol
Concen: 44.710 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:266 Resp: 171807
Ion Ratio Lower Upper
266 100
268 65.8 52.2 78.4
264 64.1 51.1 76.7





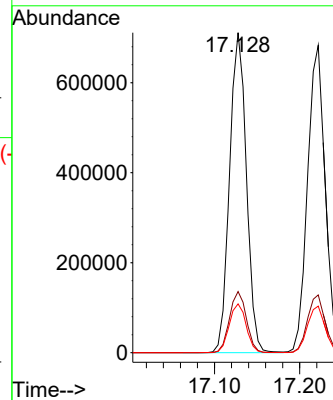
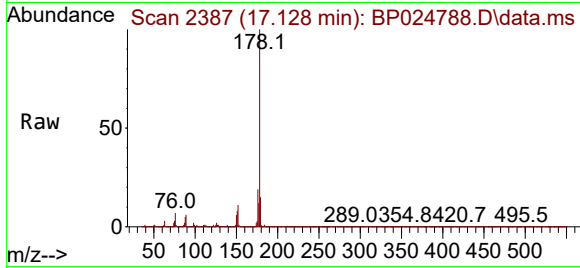
#71
Phenanthrene
Concen: 38.424 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 976579
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.2 12.2 18.4

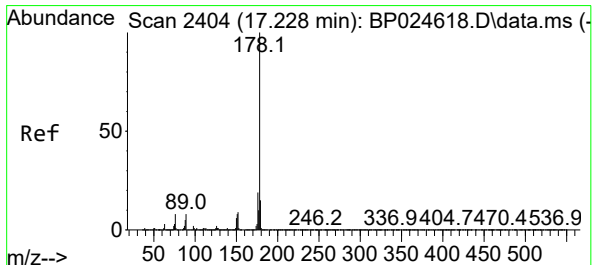
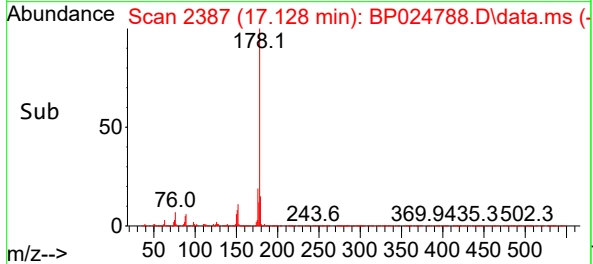
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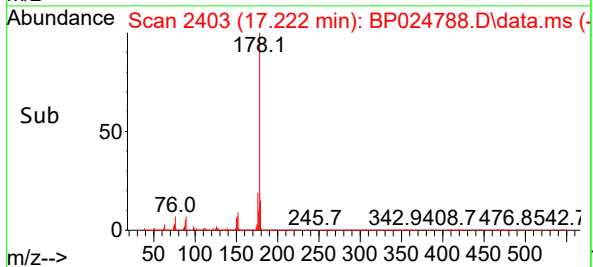
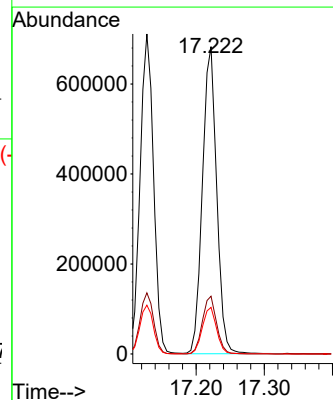
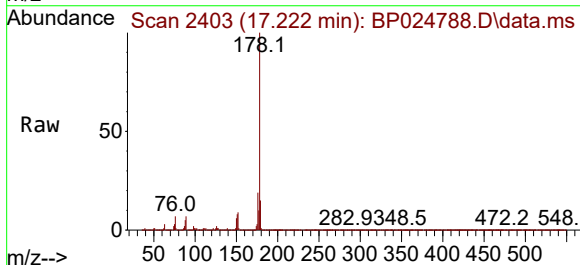
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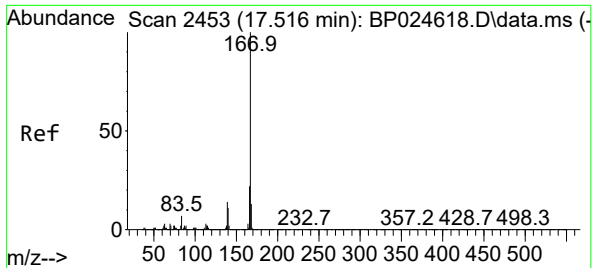
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#72
Anthracene
Concen: 38.674 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

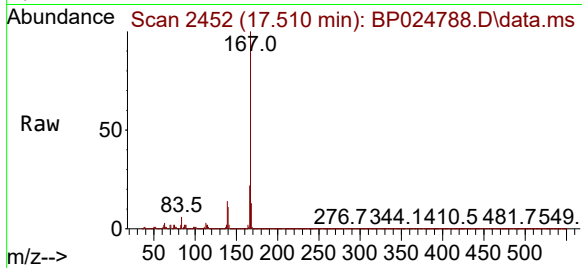
Tgt Ion:178 Resp: 988928
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 40.545 ng
 RT: 17.510 min Scan# 2452
 Delta R.T. -0.006 min
 Lab File: BP024788.D
 Acq: 23 May 2025 11:40

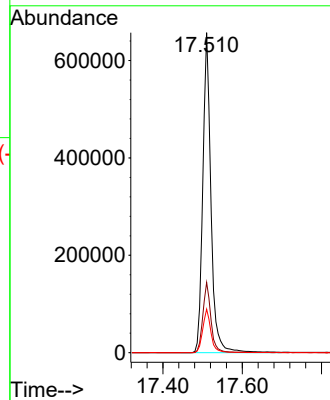
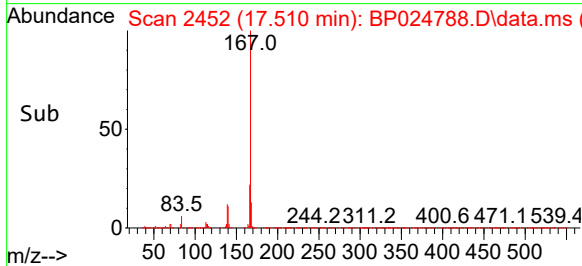
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 93838
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.6 11.3 16.9

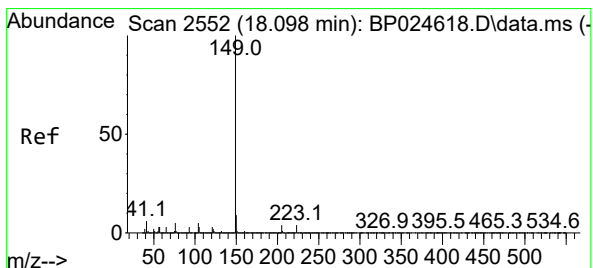
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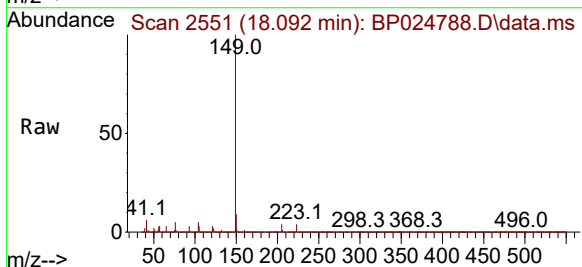


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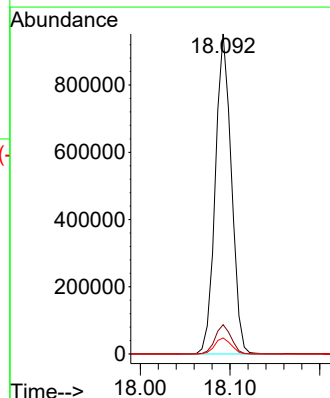
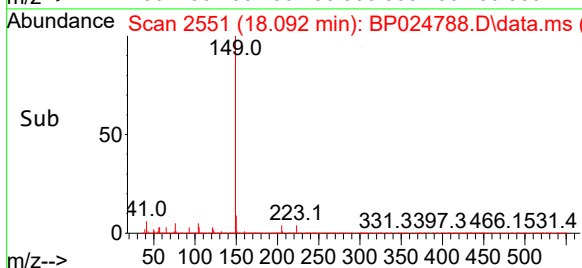
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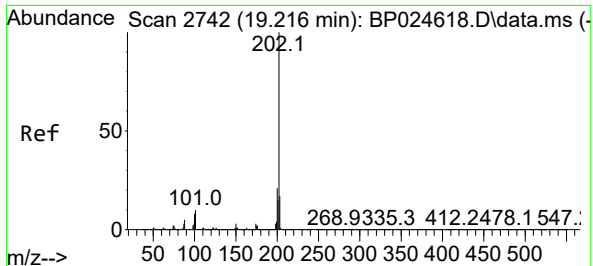


#74
 Di-n-butylphthalate
 Concen: 39.695 ng
 RT: 18.092 min Scan# 2551
 Delta R.T. -0.006 min
 Lab File: BP024788.D
 Acq: 23 May 2025 11:40



Tgt Ion:149 Resp: 1181544
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.0 4.3 6.5





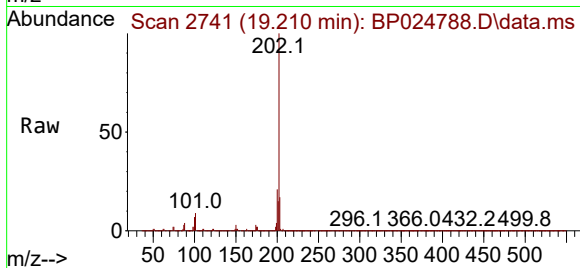
#75
Fluoranthene
Concen: 40.437 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

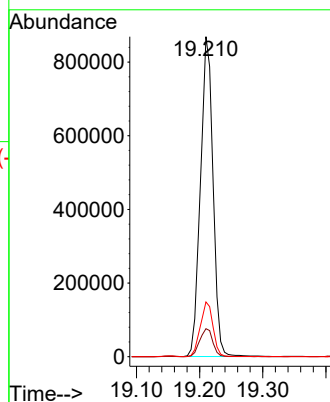
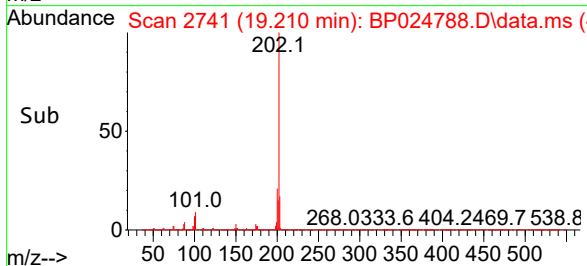
BNA_P

ClientSampleId :

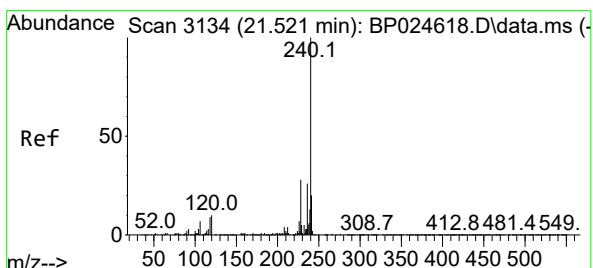
SSTDCCC040



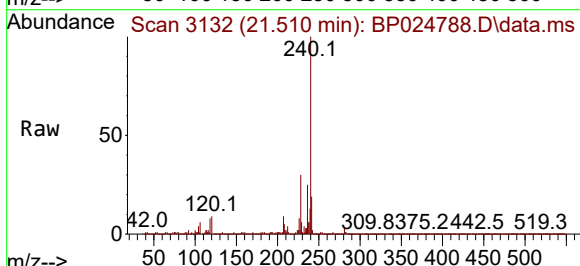
Tgt Ion:202 Resp: 1201350
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.3
203 17.1 0.0 37.5

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Supervised By :Jagrut
Upadhyay

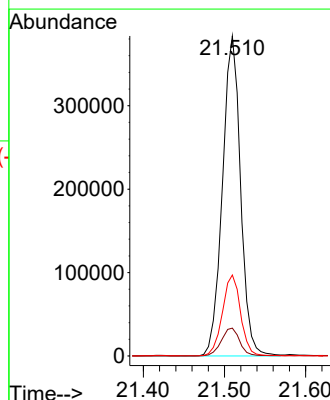
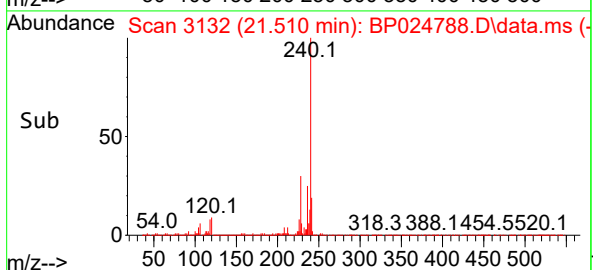
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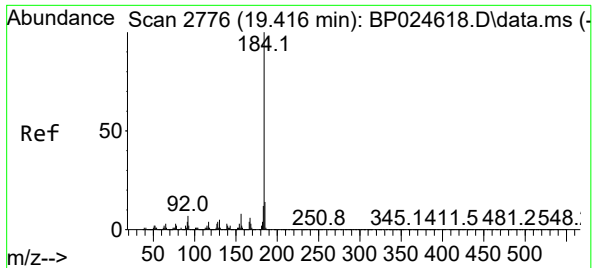


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



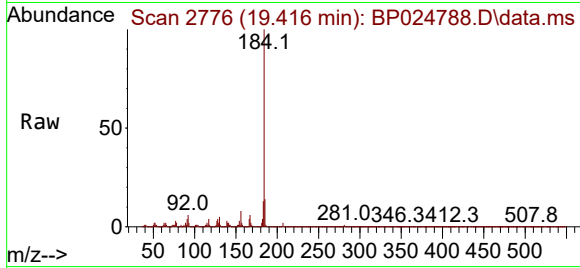
Tgt Ion:240 Resp: 596427
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.3 20.6 31.0





#77
Benzidine
Concen: 38.306 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

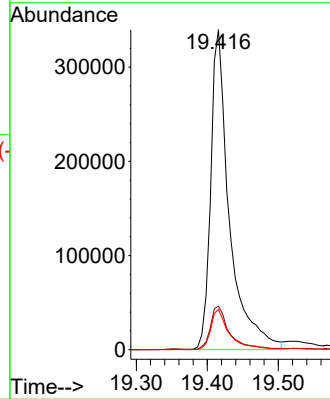
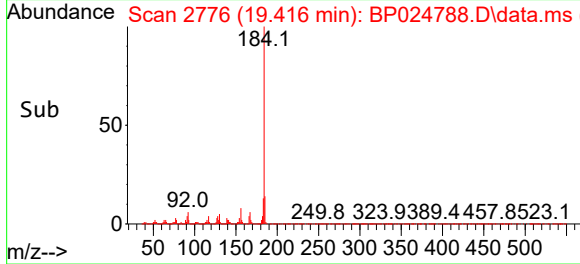
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 62225
Ion Ratio Lower Upper
184 100
185 13.6 11.2 16.8
183 12.6 9.8 14.8

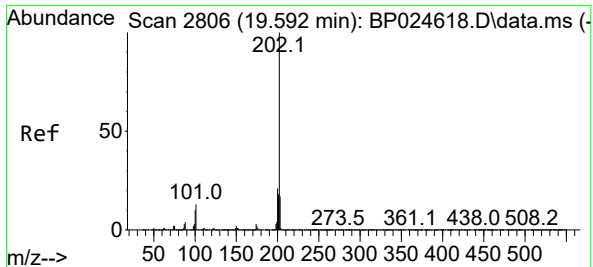
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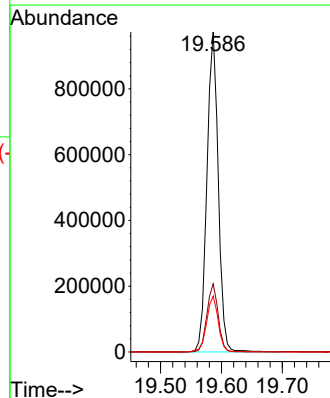
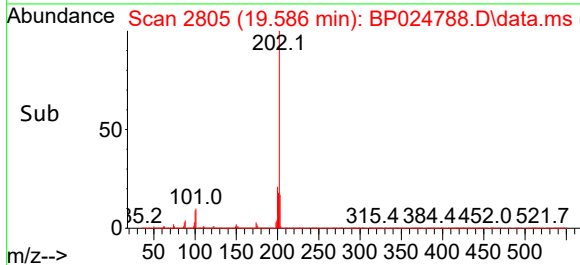
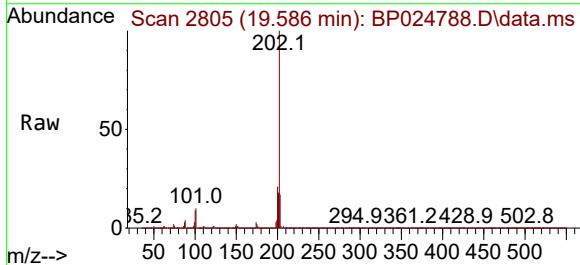
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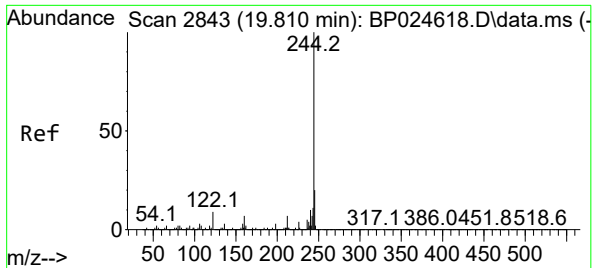
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#78
Pyrene
Concen: 35.160 ng
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:202 Resp: 1256486
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.5 13.9 20.9





#79
Terphenyl-d14
Concen: 73.901 ng
RT: 19.804 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

BNA_P

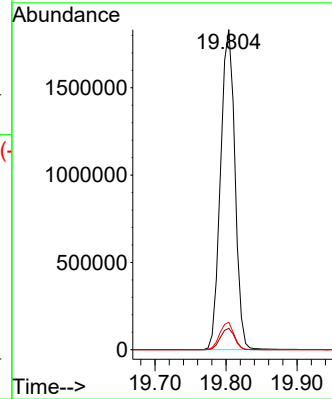
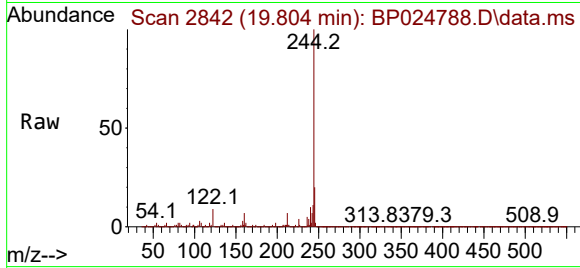
ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 257052
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 8.5 7.4 11.0

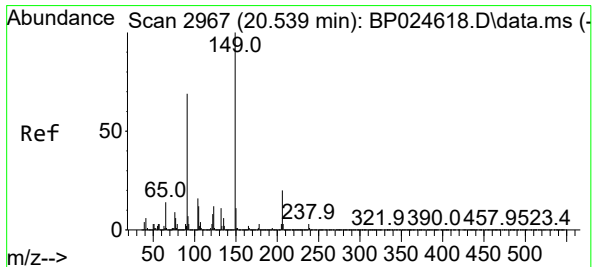
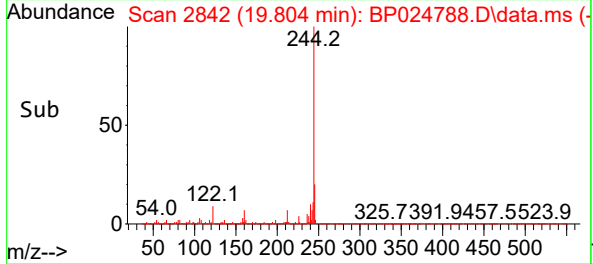
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Reviewed By :Rahul
Chavli



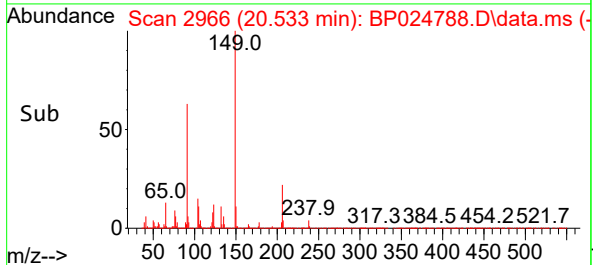
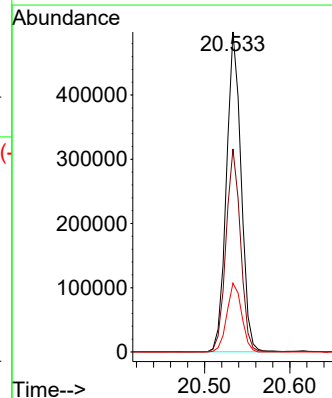
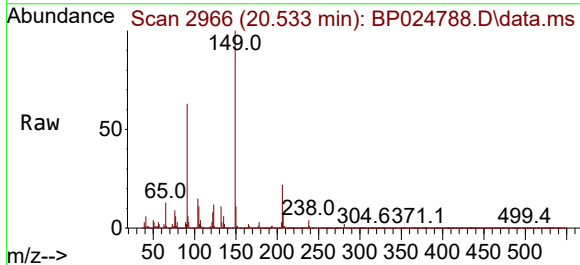
05/27/2025
Supervised By :Jagrut
Upadhyay

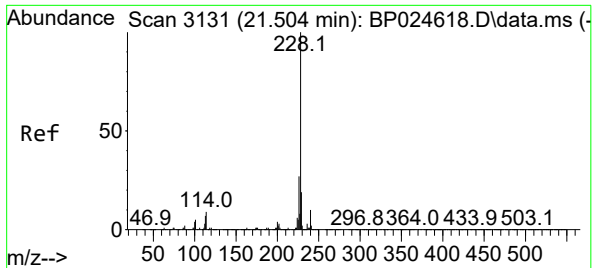
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#80
Butylbenzylphthalate
Concen: 37.391 ng
RT: 20.533 min Scan# 2966
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:149 Resp: 594274
Ion Ratio Lower Upper
149 100
91 63.5 55.4 83.0
206 21.5 16.2 24.2





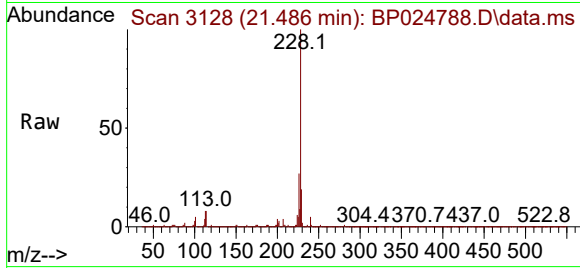
#81
Benzo(a)anthracene
Concen: 38.409 ng
RT: 21.486 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

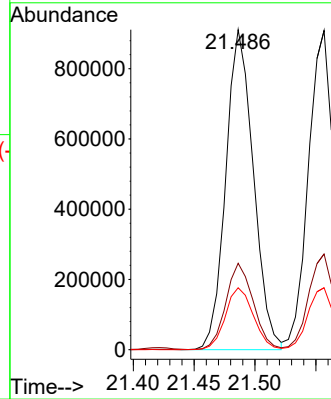
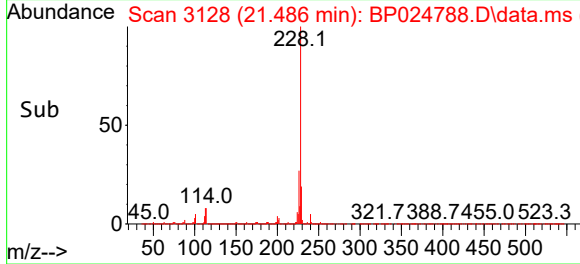
BNA_P

ClientSampleId :

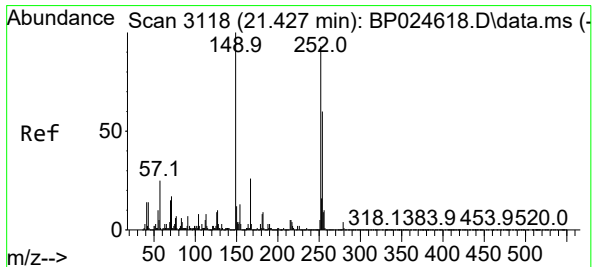
SSTDCCC040



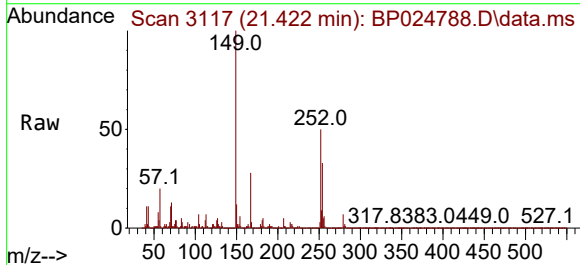
Tgt Ion:228 Resp: 1438419
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.4 15.5 23.3

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Supervised By :Jagrut
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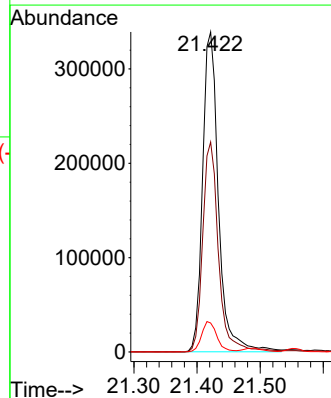
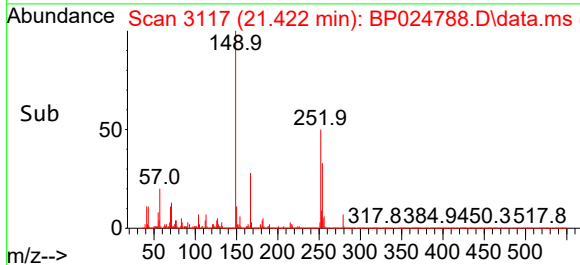
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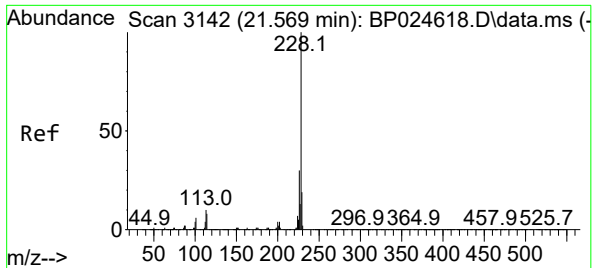


#82
3,3'-Dichlorobenzidine
Concen: 42.694 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion:252 Resp: 593871
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.6
126 9.0 7.7 11.5





#83

Chrysene

Concen: 38.121 ng

RT: 21.557 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 135335

Ion Ratio Lower Upper

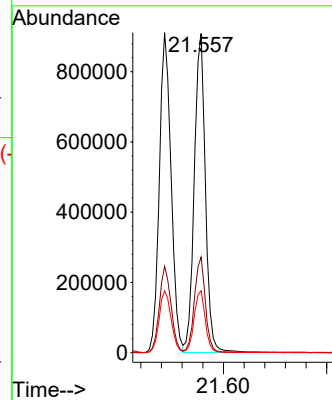
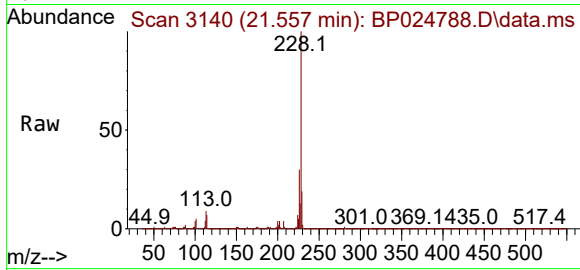
228 100

226 30.0 23.9 35.9

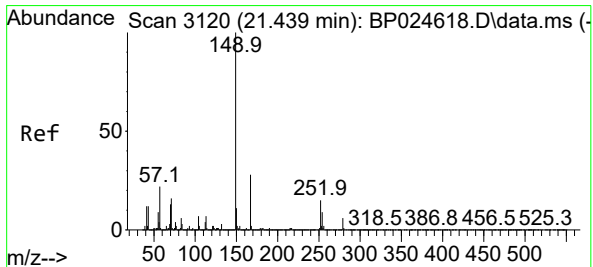
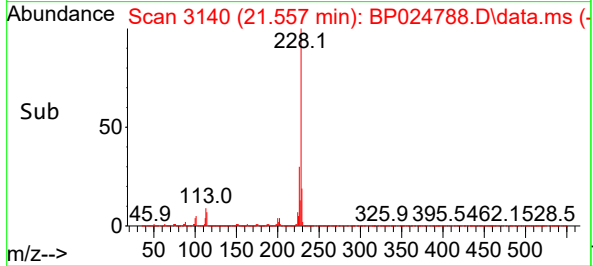
229 19.4 15.5 23.3

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.448 ng

RT: 21.422 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

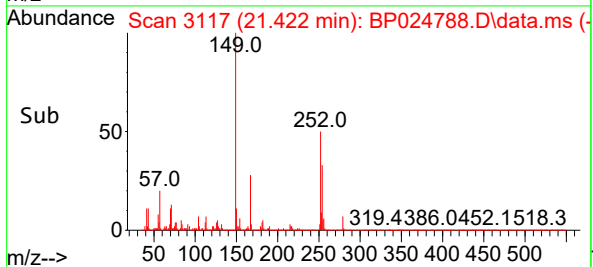
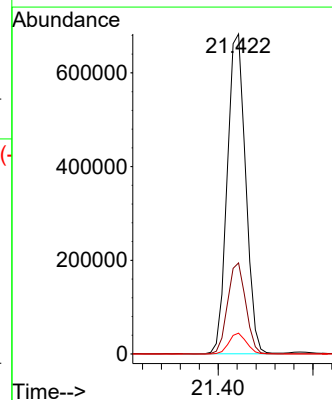
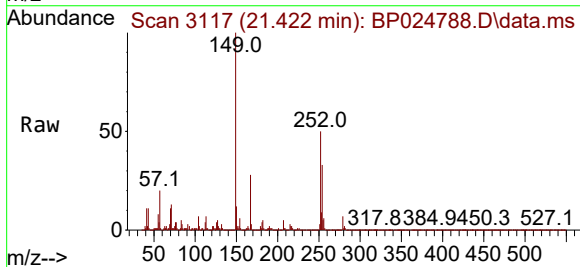
Tgt Ion:149 Resp: 921536

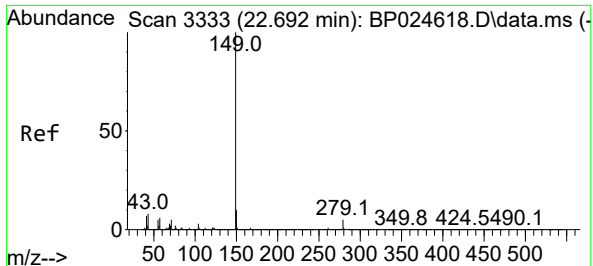
Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

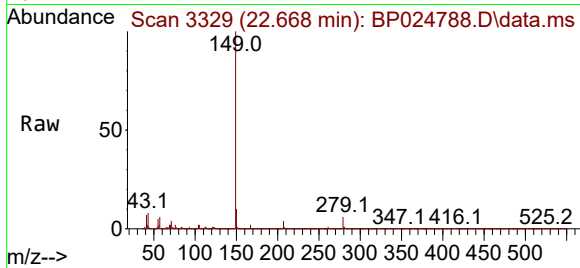
279 6.5 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 42.221 ng
RT: 22.668 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

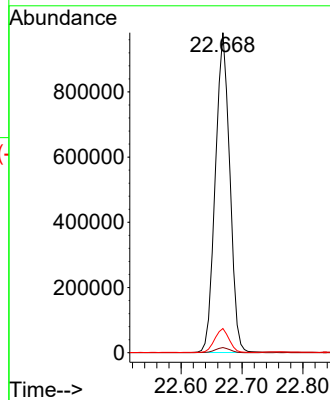
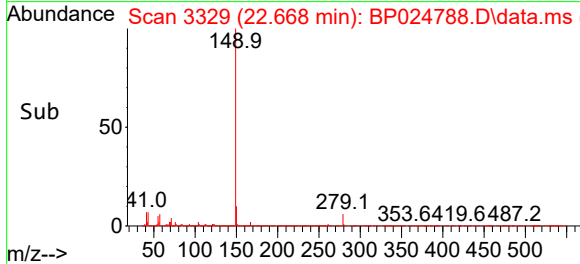
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 1612900
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.5 6.3 9.5

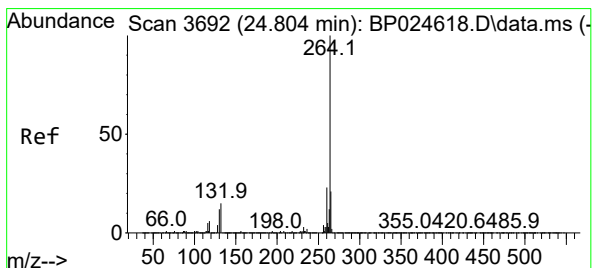
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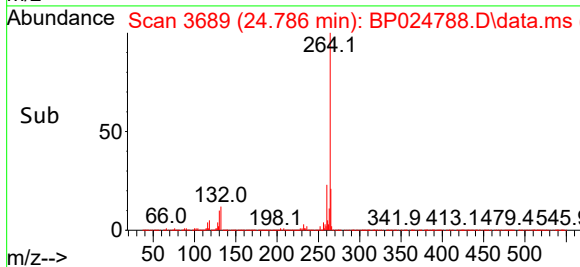
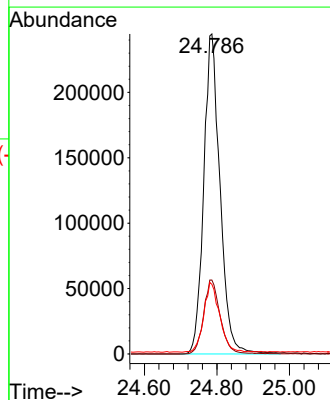
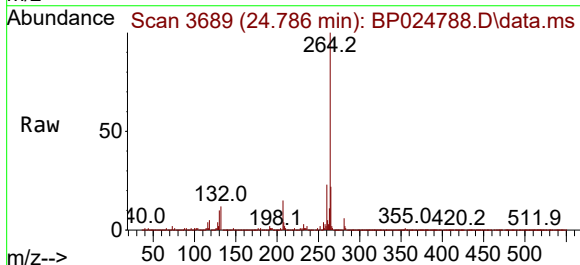
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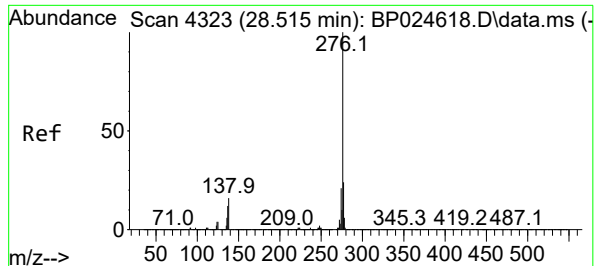
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.786 min Scan# 3689
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:264 Resp: 763679
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.563 ng

RT: 28.498 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 226148

Ion Ratio Lower Upper

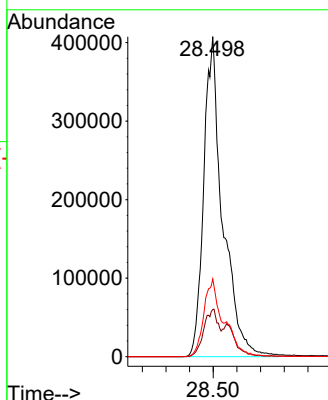
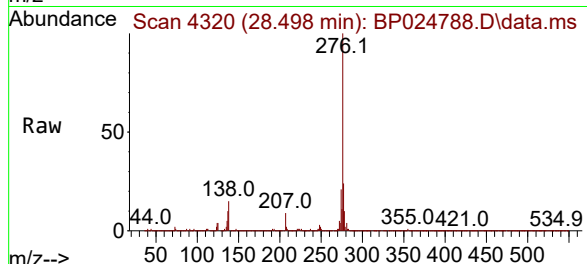
276 100

138 11.5 11.2 16.8

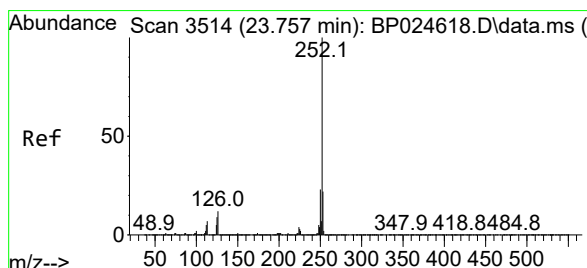
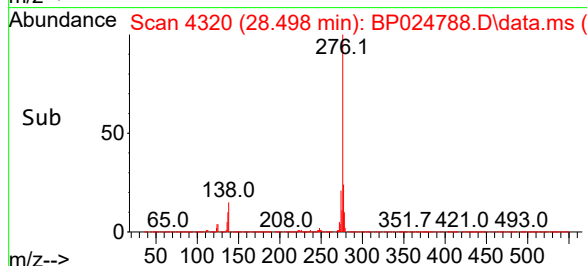
277 19.2 15.7 23.5

Manual Integrations

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Upadhyay

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#88

Benzo(b)fluoranthene

Concen: 37.657 ng

RT: 23.745 min Scan# 3512

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

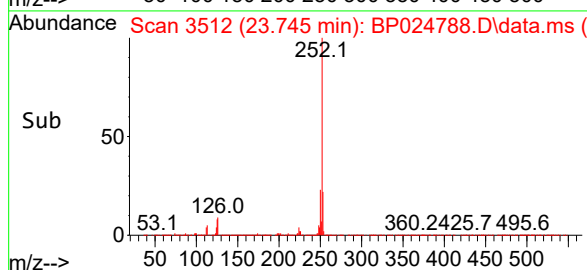
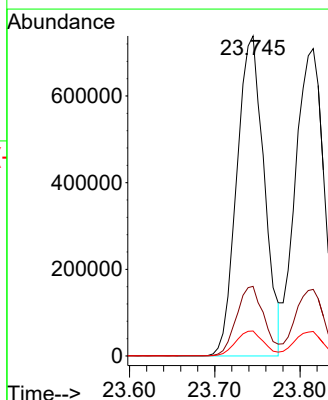
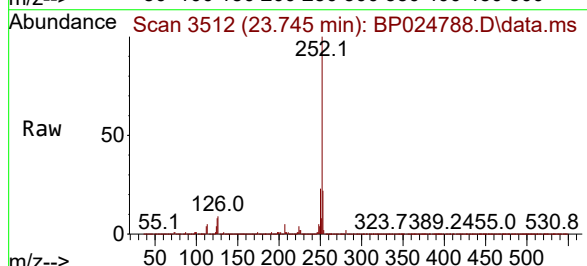
Tgt Ion:252 Resp: 1646057

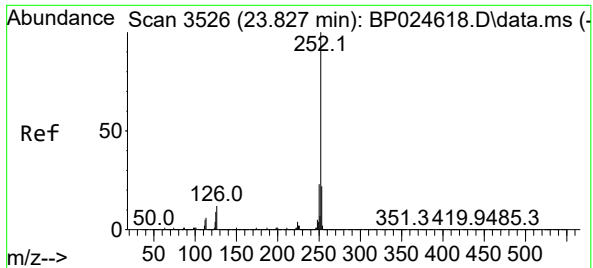
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 7.8 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 37.490 ng

RT: 23.815 min Scan# 3526

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 168863

Ion Ratio Lower Upper

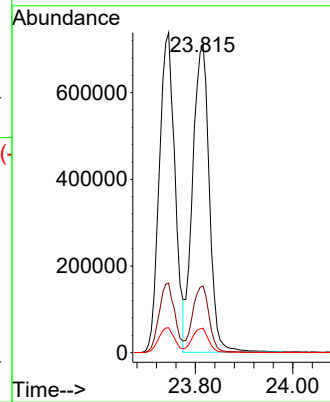
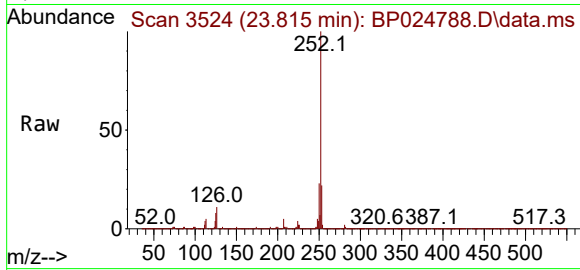
252 100

253 21.7 17.6 26.4

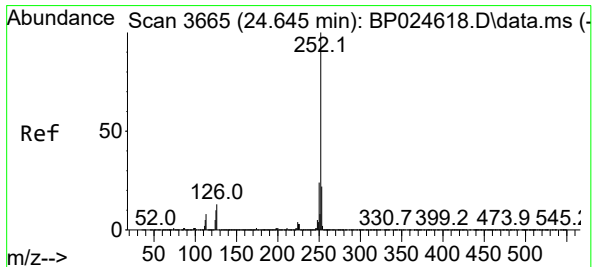
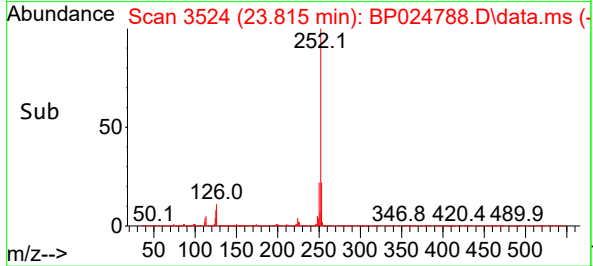
125 8.0 7.0 10.4

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Upadhyay

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#90

Benzo(a)pyrene

Concen: 38.650 ng

RT: 24.633 min Scan# 3663

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

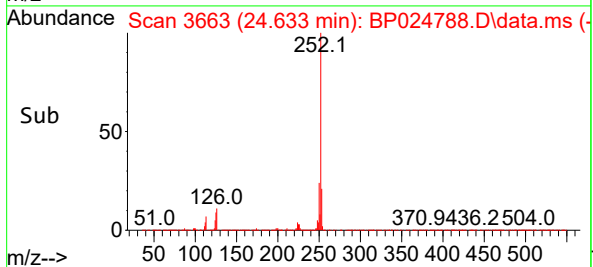
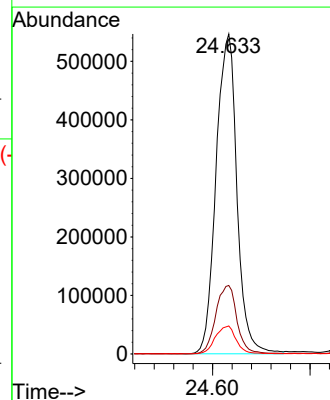
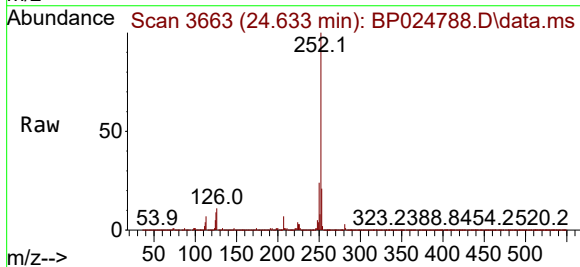
Tgt Ion:252 Resp: 1622584

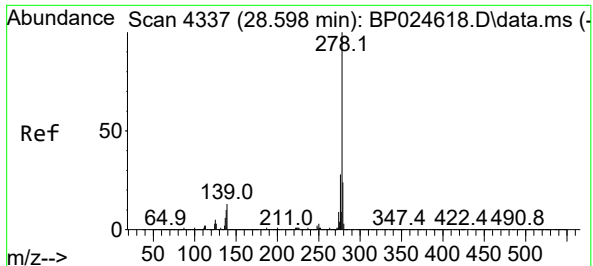
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

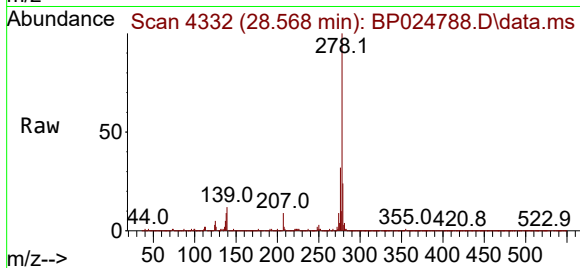
125 8.7 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 40.856 ng
RT: 28.568 min Scan# 411
Delta R.T. -0.029 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

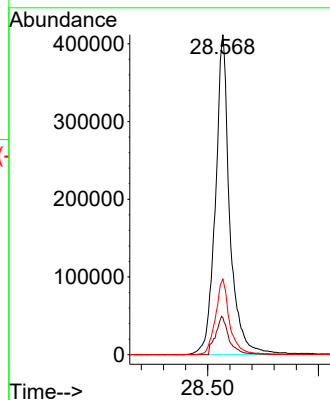
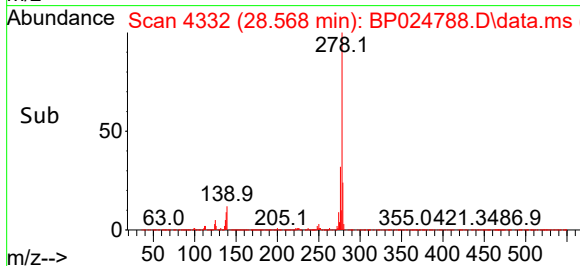
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 185311
Ion Ratio Lower Upper
278 100
139 11.6 10.2 15.4
279 23.7 19.0 28.4

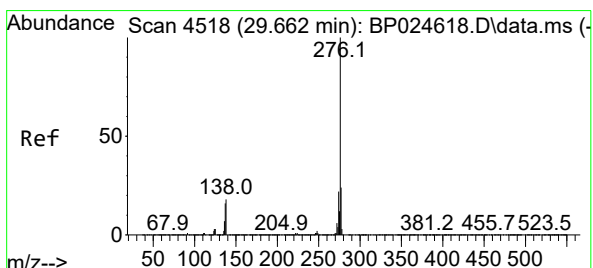
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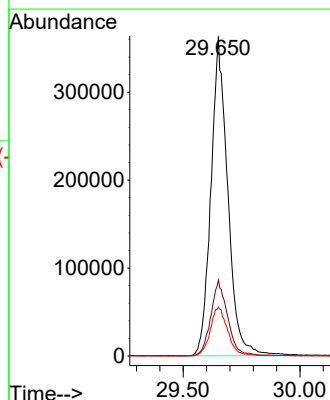
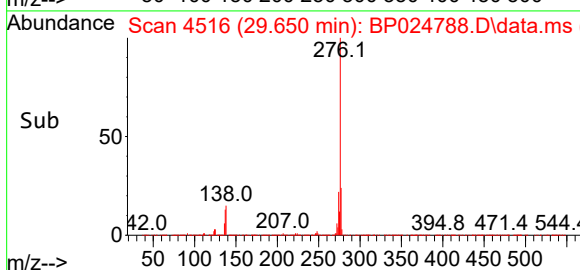
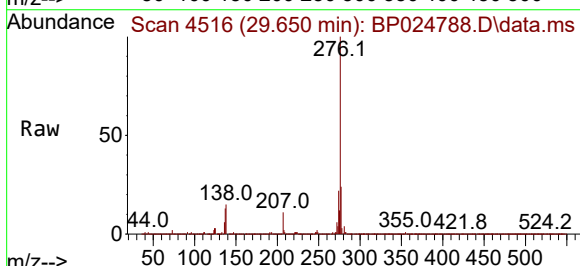
05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#92
Benzo(g,h,i)perylene
Concen: 40.166 ng
RT: 29.650 min Scan# 4516
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:276 Resp: 1811699
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 15.3 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 12:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 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	71	-0.02
2	1,4-Dioxane	0.549	0.475	13.5	67	0.00
3	Pyridine	1.218	1.095	10.1	65	0.00
4	n-Nitrosodimethylamine	0.538	0.514	4.5	71	0.00
5 S	2-Fluorophenol	1.169	1.153	1.4	74	0.00
6	Aniline	1.927	1.746	9.4	65	-0.01
7 S	Phenol-d6	1.492	1.391	6.8	67	0.00
8	2-Chlorophenol	1.327	1.285	3.2	70	-0.01
9	Benzaldehyde	0.966	0.824	14.7	61	-0.01
10 C	Phenol	1.540	1.406	8.7	66	0.00
11	bis(2-Chloroethyl)ether	1.266	1.041	17.8	61	-0.02
12	1,3-Dichlorobenzene	1.527	1.435	6.0	71	-0.01
13 C	1,4-Dichlorobenzene	1.536	1.456	5.2	70	-0.01
14	1,2-Dichlorobenzene	1.497	1.401	6.4	70	-0.02
15	Benzyl Alcohol	1.134	1.024	9.7	63	-0.01
16	2,2'-oxybis(1-Chloropropane	1.516	1.205	20.5	58	-0.02
17	2-Methylphenol	1.105	1.020	7.7	66	0.00
18	Hexachloroethane	0.589	0.524	11.0	68	-0.02
19 P	n-Nitroso-di-n-propylamine	1.032	0.869	15.8	59	-0.01
20	3+4-Methylphenols	1.503	1.386	7.8	65	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	65	-0.02
22	Acetophenone	0.500	0.471	5.8	63	-0.01
23 S	Nitrobenzene-d5	0.396	0.363	8.3	61	-0.01
24	Nitrobenzene	0.348	0.310	10.9	59	-0.01
25	Isophorone	0.687	0.597	13.1	57	-0.01
26 C	2-Nitrophenol	0.171	0.181	-5.8	68	-0.02
27	2,4-Dimethylphenol	0.301	0.294	2.3	64	-0.01
28	bis(2-Chloroethoxy)methane	0.410	0.346	15.6	56	-0.02
29 C	2,4-Dichlorophenol	0.292	0.295	-1.0	65	0.00
30	1,2,4-Trichlorobenzene	0.329	0.326	0.9	69	-0.02
31	Naphthalene	1.036	1.000	3.5	66	-0.02
32	Benzoic acid	0.181	0.176	2.8	59	0.00
33	4-Chloroaniline	0.418	0.412	1.4	64	-0.01
34 C	Hexachlorobutadiene	0.213	0.212	0.5	69	-0.02
35	Caprolactam	0.106	0.104	1.9	61	0.00
36 C	4-Chloro-3-methylphenol	0.356	0.335	5.9	61	0.00
37	2-Methylnaphthalene	0.671	0.635	5.4	64	-0.01
38	1-Methylnaphthalene	0.718	0.677	5.7	63	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	62	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.581	0.582	-0.2	65	-0.02
41 P	Hexachlorocyclopentadiene	0.352	0.461	-31.0#	80	-0.02
42 S	2,4,6-Tribromophenol	0.339	0.384	-13.3	73	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.389	-3.5	65	-0.01
44	2,4,5-Trichlorophenol	0.419	0.410	2.1	62	0.00
45 S	2-Fluorobiphenyl	1.527	1.497	2.0	64	-0.01
46	1,1'-Biphenyl	1.478	1.419	4.0	63	-0.02
47	2-Chloronaphthalene	1.127	1.115	1.1	65	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 12:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 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	0.334	0.309	7.5	57	-0.02
49	Acenaphthylene	1.886	1.849	2.0	63	-0.02
50	Dimethylphthalate	1.524	1.471	3.5	63	-0.02
51	2,6-Dinitrotoluene	0.322	0.319	0.9	63	-0.02
52 C	Acenaphthene	1.084	1.026	5.4	62	-0.02
53	3-Nitroaniline	0.329	0.324	1.5	59	0.00
54 P	2,4-Dinitrophenol	0.169	0.167	1.2	60	0.00
55	Dibenzofuran	1.730	1.667	3.6	63	-0.01
56 P	4-Nitrophenol	0.250	0.319	-27.6#	77	0.02
57	2,4-Dinitrotoluene	0.454	0.463	-2.0	63	-0.01
58	Fluorene	1.410	1.371	2.8	63	0.00
59	2,3,4,6-Tetrachlorophenol	0.388	0.396	-2.1	64	0.00
60	Diethylphthalate	1.541	1.463	5.1	63	-0.01
61	4-Chlorophenyl-phenylether	0.703	0.684	2.7	64	-0.02
62	4-Nitroaniline	0.317	0.348	-9.8	65	0.00
63	Azobenzene	1.318	1.136	13.8	56	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	64	-0.01
65	4,6-Dinitro-2-methylphenol	0.129	0.130	-0.8	64	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.580	5.5	62	-0.01
67	4-Bromophenyl-phenylether	0.236	0.232	1.7	66	0.00
68	Hexachlorobenzene	0.299	0.309	-3.3	70	0.00
69	Atrazine	0.225	0.229	-1.8	67	0.00
70 C	Pentachlorophenol	0.168	0.188	-11.9	70	0.00
71	Phenanthrene	1.112	1.068	4.0	65	0.00
72	Anthracene	1.119	1.082	3.3	64	0.00
73	Carbazole	1.012	1.026	-1.4	65	0.00
74	Di-n-butylphthalate	1.302	1.292	0.8	65	0.00
75 C	Fluoranthene	1.300	1.314	-1.1	67	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	74	-0.01
77	Benzidine	0.545	0.522	4.2	69	0.00
78	Pyrene	1.198	1.053	12.1	67	0.00
79 S	Terphenyl-d14	1.166	1.077	7.6	70	0.00
80	Butylbenzylphthalate	0.533	0.498	6.6	70	0.00
81	Benzo(a)anthracene	1.256	1.206	4.0	73	-0.02
82	3,3'-Dichlorobenzidine	0.466	0.498	-6.9	77	0.00
83	Chrysene	1.190	1.135	4.6	74	-0.01
84	Bis(2-ethylhexyl)phthalate	0.783	0.773	1.3	74	-0.02
85 c	Di-n-octyl phthalate	1.281	1.352	-5.5	78	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	82	-0.02
87	Indeno(1,2,3-cd)pyrene	1.460	1.481	-1.4	85	-0.02
88	Benzo(b)fluoranthene	1.145	1.078	5.9	80	-0.01
89	Benzo(k)fluoranthene	1.180	1.106	6.3	80	-0.01
90 C	Benzo(a)pyrene	1.099	1.062	3.4	82	-0.01
91	Dibenzo(a,h)anthracene	1.188	1.213	-2.1	85	-0.03
92	Benzo(g,h,i)perylene	1.181	1.186	-0.4	85	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024788.D
Acq On : 23 May 2025 11:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 23 12:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 12:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 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	71	-0.02
2	1,4-Dioxane	40.000	34.617	13.5	67	0.00
3	Pyridine	40.000	35.974	10.1	65	0.00
4	n-Nitrosodimethylamine	40.000	38.246	4.4	71	0.00
5 S	2-Fluorophenol	80.000	78.867	1.4	74	0.00
6	Aniline	40.000	36.237	9.4	65	-0.01
7 S	Phenol-d6	80.000	74.573	6.8	67	0.00
8	2-Chlorophenol	40.000	38.722	3.2	70	-0.01
9	Benzaldehyde	40.000	34.132	14.7	61	-0.01
10 C	Phenol	40.000	36.507	8.7	66	0.00
11	bis(2-Chloroethyl)ether	40.000	32.883	17.8	61	-0.02
12	1,3-Dichlorobenzene	40.000	37.589	6.0	71	-0.01
13 C	1,4-Dichlorobenzene	40.000	37.917	5.2	70	-0.01
14	1,2-Dichlorobenzene	40.000	37.434	6.4	70	-0.02
15	Benzyl Alcohol	40.000	36.134	9.7	63	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	31.804	20.5	58	-0.02
17	2-Methylphenol	40.000	36.924	7.7	66	0.00
18	Hexachloroethane	40.000	35.628	10.9	68	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	33.678	15.8	59	-0.01
20	3+4-Methylphenols	40.000	36.896	7.8	65	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	65	-0.02
22	Acetophenone	40.000	37.699	5.8	63	-0.01
23 S	Nitrobenzene-d5	80.000	73.350	8.3	61	-0.01
24	Nitrobenzene	40.000	35.545	11.1	59	-0.01
25	Isophorone	40.000	34.769	13.1	57	-0.01
26 C	2-Nitrophenol	40.000	42.384	-6.0	68	-0.02
27	2,4-Dimethylphenol	40.000	39.115	2.2	64	-0.01
28	bis(2-Chloroethoxy)methane	40.000	33.693	15.8	56	-0.02
29 C	2,4-Dichlorophenol	40.000	40.513	-1.3	65	0.00
30	1,2,4-Trichlorobenzene	40.000	39.636	0.9	69	-0.02
31	Naphthalene	40.000	38.612	3.5	66	-0.02
32	Benzoic acid	40.000	35.863	10.3	59	0.00
33	4-Chloroaniline	40.000	39.447	1.4	64	-0.01
34 C	Hexachlorobutadiene	40.000	39.777	0.6	69	-0.02
35	Caprolactam	40.000	39.418	1.5	61	0.00
36 C	4-Chloro-3-methylphenol	40.000	37.662	5.8	61	0.00
37	2-Methylnaphthalene	40.000	37.844	5.4	64	-0.01
38	1-Methylnaphthalene	40.000	37.693	5.8	63	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	62	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	40.090	-0.2	65	-0.02
41 P	Hexachlorocyclopentadiene	40.000	52.383	-31.0#	80	-0.02
42 S	2,4,6-Tribromophenol	80.000	90.543	-13.2	73	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.312	-3.3	65	-0.01
44	2,4,5-Trichlorophenol	40.000	39.137	2.2	62	0.00
45 S	2-Fluorobiphenyl	80.000	78.425	2.0	64	-0.01
46	1,1'-Biphenyl	40.000	38.408	4.0	63	-0.02
47	2-Chloronaphthalene	40.000	39.580	1.1	65	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 12:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 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	37.032	7.4	57	-0.02
49	Acenaphthylene	40.000	39.218	2.0	63	-0.02
50	Dimethylphthalate	40.000	38.588	3.5	63	-0.02
51	2,6-Dinitrotoluene	40.000	39.670	0.8	63	-0.02
52 C	Acenaphthene	40.000	37.863	5.3	62	-0.02
53	3-Nitroaniline	40.000	39.463	1.3	59	0.00
54 P	2,4-Dinitrophenol	40.000	36.684	8.3	60	0.00
55	Dibenzofuran	40.000	38.561	3.6	63	-0.01
56 P	4-Nitrophenol	40.000	46.665	-16.7	77	0.02
57	2,4-Dinitrotoluene	40.000	40.790	-2.0	63	-0.01
58	Fluorene	40.000	38.894	2.8	63	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.732	-1.8	64	0.00
60	Diethylphthalate	40.000	37.991	5.0	63	-0.01
61	4-Chlorophenyl-phenylether	40.000	38.894	2.8	64	-0.02
62	4-Nitroaniline	40.000	43.848	-9.6	65	0.00
63	Azobenzene	40.000	34.460	13.8	56	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	64	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	40.201	-0.5	64	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.796	5.5	62	-0.01
67	4-Bromophenyl-phenylether	40.000	39.462	1.3	66	0.00
68	Hexachlorobenzene	40.000	41.268	-3.2	70	0.00
69	Atrazine	40.000	40.722	-1.8	67	0.00
70 C	Pentachlorophenol	40.000	44.710	-11.8	70	0.00
71	Phenanthrene	40.000	38.424	3.9	65	0.00
72	Anthracene	40.000	38.674	3.3	64	0.00
73	Carbazole	40.000	40.545	-1.4	65	0.00
74	Di-n-butylphthalate	40.000	39.695	0.8	65	0.00
75 C	Fluoranthene	40.000	40.437	-1.1	67	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	74	-0.01
77	Benzydine	40.000	38.306	4.2	69	0.00
78	Pyrene	40.000	35.160	12.1	67	0.00
79 S	Terphenyl-d14	80.000	73.901	7.6	70	0.00
80	Butylbenzylphthalate	40.000	37.391	6.5	70	0.00
81	Benzo(a)anthracene	40.000	38.409	4.0	73	-0.02
82	3,3'-Dichlorobenzidine	40.000	42.694	-6.7	77	0.00
83	Chrysene	40.000	38.121	4.7	74	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	39.448	1.4	74	-0.02
85 c	Di-n-octyl phthalate	40.000	42.221	-5.6	78	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	82	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	40.563	-1.4	85	-0.02
88	Benzo(b)fluoranthene	40.000	37.657	5.9	80	-0.01
89	Benzo(k)fluoranthene	40.000	37.490	6.3	80	-0.01
90 C	Benzo(a)pyrene	40.000	38.650	3.4	82	-0.01
91	Dibenzo(a,h)anthracene	40.000	40.856	-2.1	85	-0.03
92	Benzo(g,h,i)perylene	40.000	40.166	-0.4	85	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024788.D
Acq On : 23 May 2025 11:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 23 12:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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



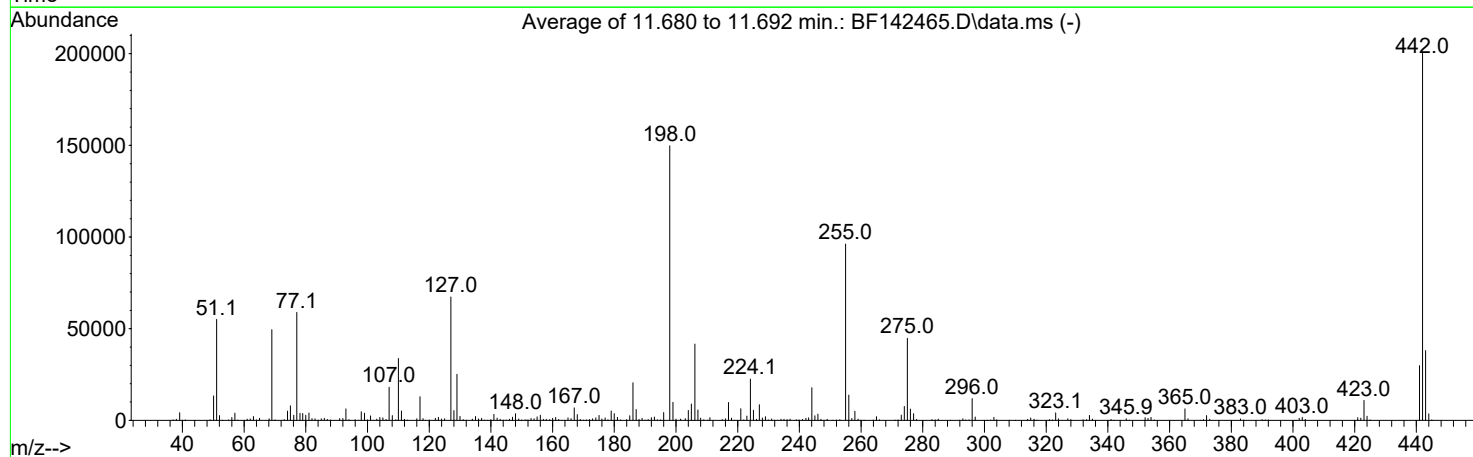
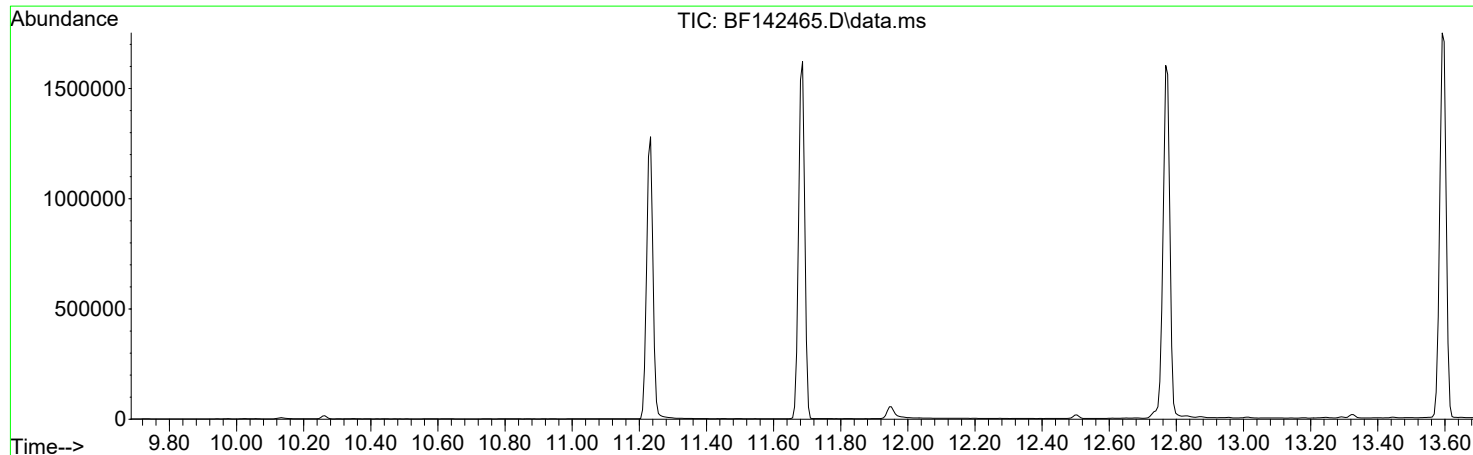
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 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	36.8	55035	PASS
68	69	0.00	2	1.9	918	PASS
69	198	0.00	100	33.1	49499	PASS
70	69	0.00	2	0.5	254	PASS
127	198	10	80	44.9	67277	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	149731	PASS
199	198	5	9	6.6	9853	PASS
275	198	10	60	29.9	44779	PASS
365	198	1	100	4.2	6269	PASS
441	198	0.01	100	19.9	29837	PASS
442	442	50	100	100.0	200661	PASS
443	442	15	24	19.0	38045	PASS

DDT Breakdown

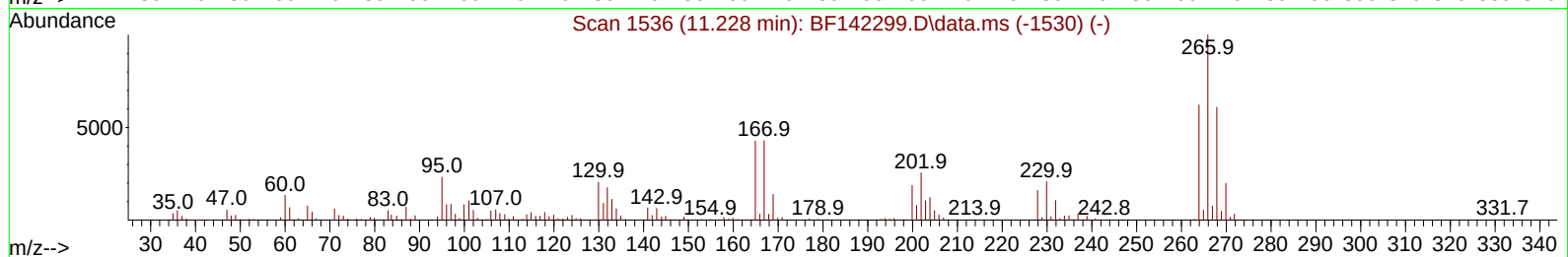
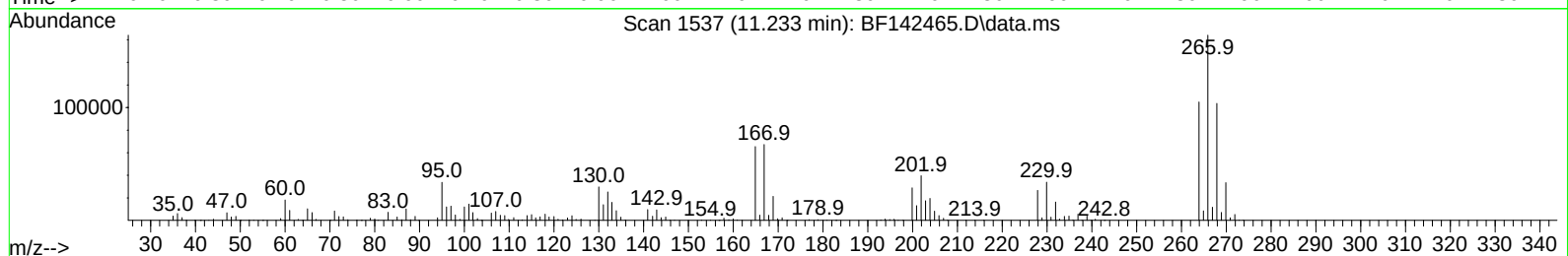
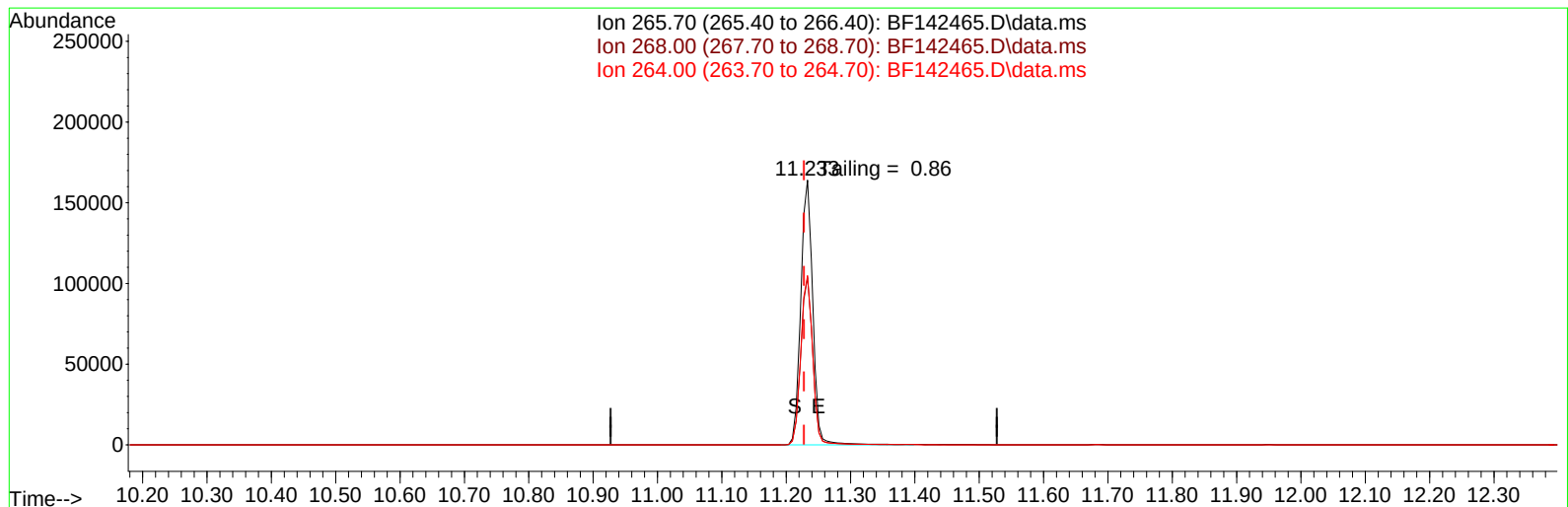
Date	Instrument Name	DFTPP Data File
5/20/2025	BNA_F	<u>BF142465.D</u>
Compound Name	Response	Retention Time
DDT	467874	13.598
DDD	6363	13.327
DDE	709	12.957
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7072	474946	1.49

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 20 14:09:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



TIC: BF142465.D\data.ms

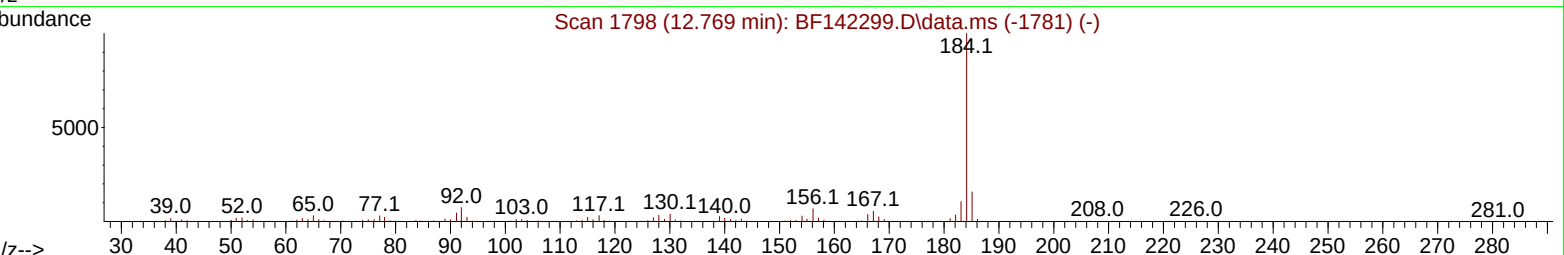
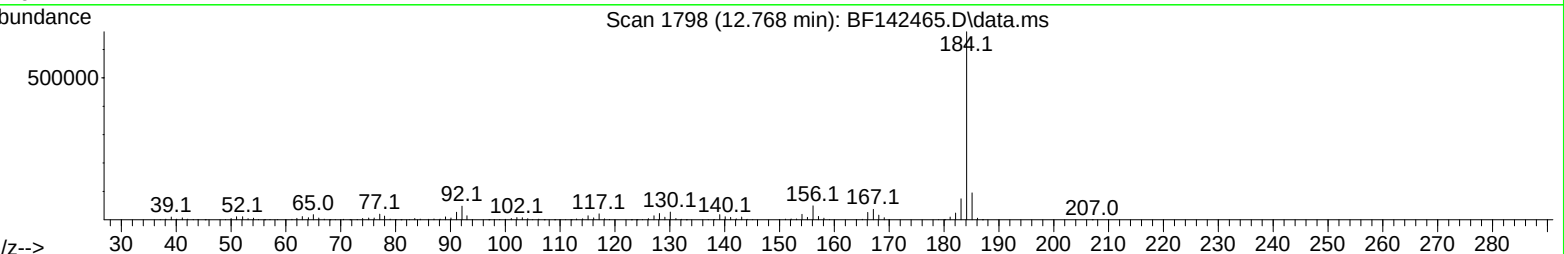
(70) Pentachlorophenol (C)

11.233min (+ 0.006) 45340.77 ng

response 213501

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.21
264.00	62.20	63.93
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP



TIC: BF142465.D\data.ms

12.768min (-0.001) 0.00 ng

response **942414**

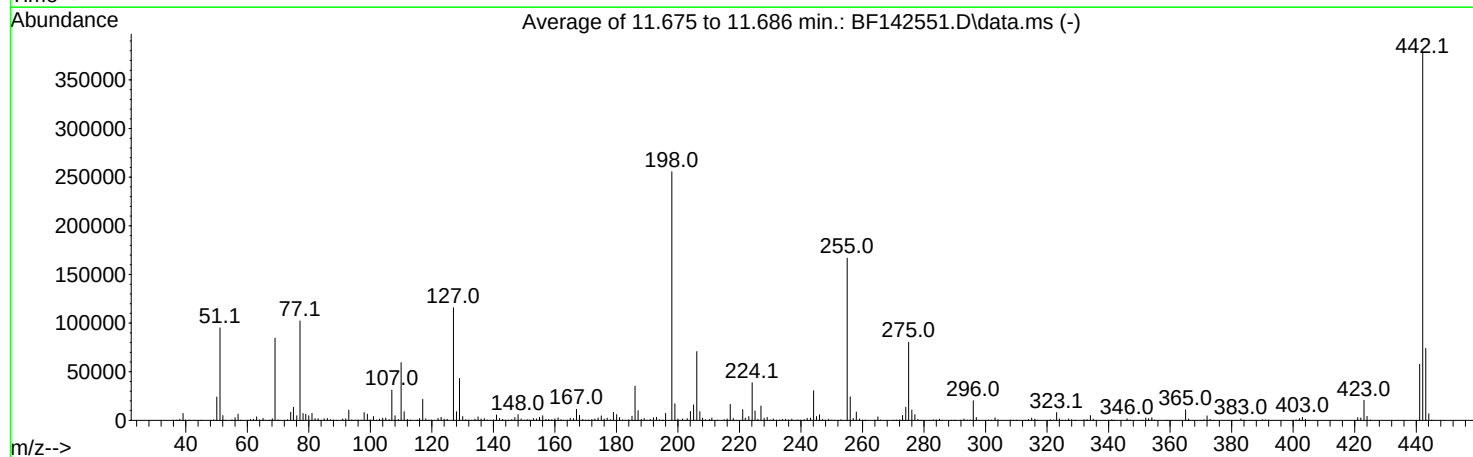
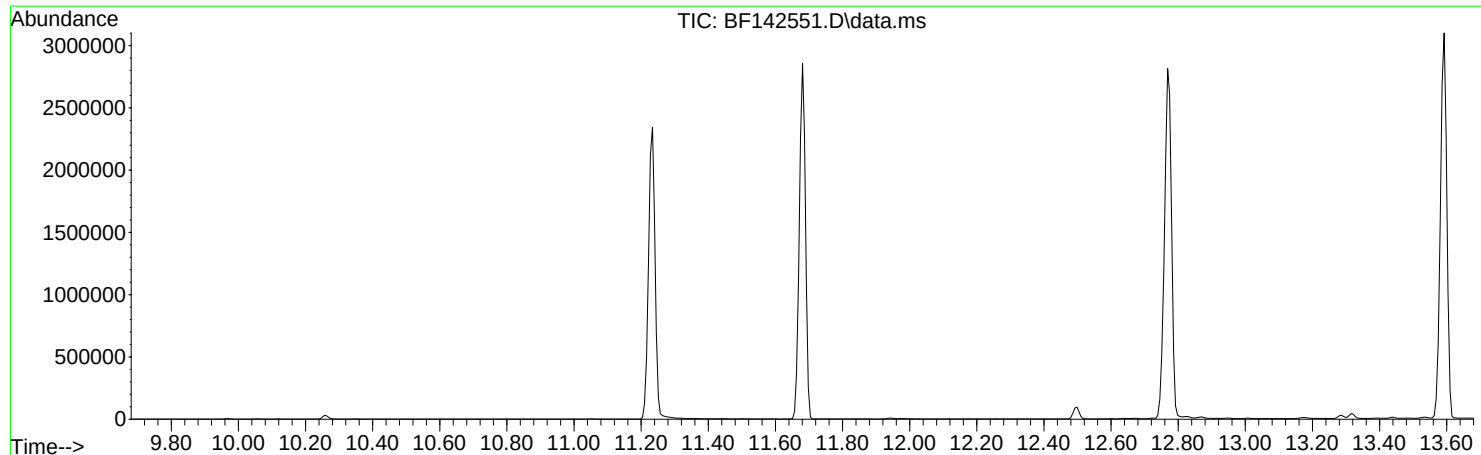
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.29
183.00	10.70	11.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142551.D
Acq On : 27 May 2025 09:47
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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025



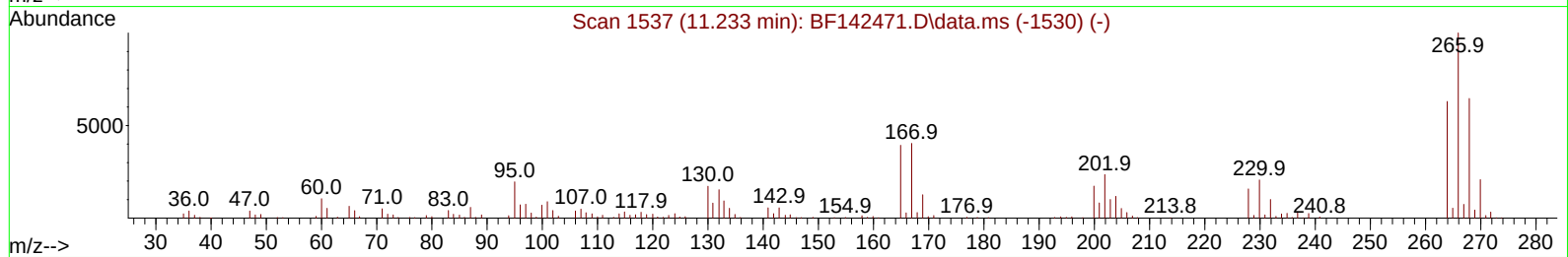
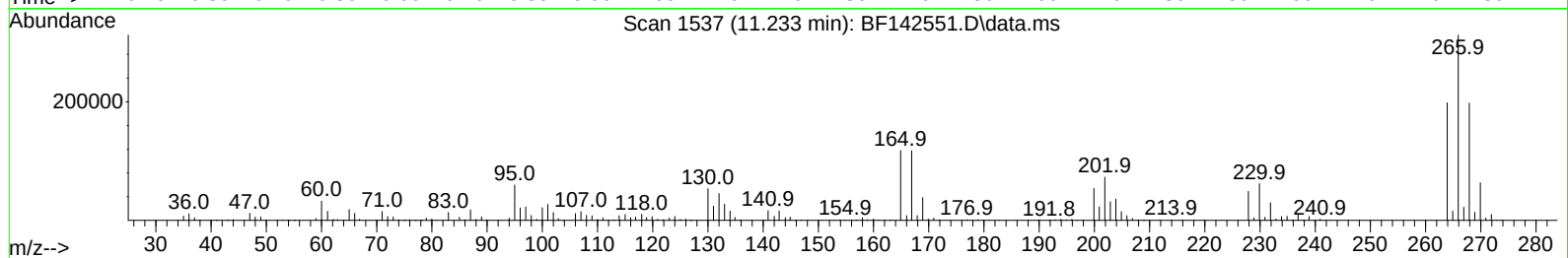
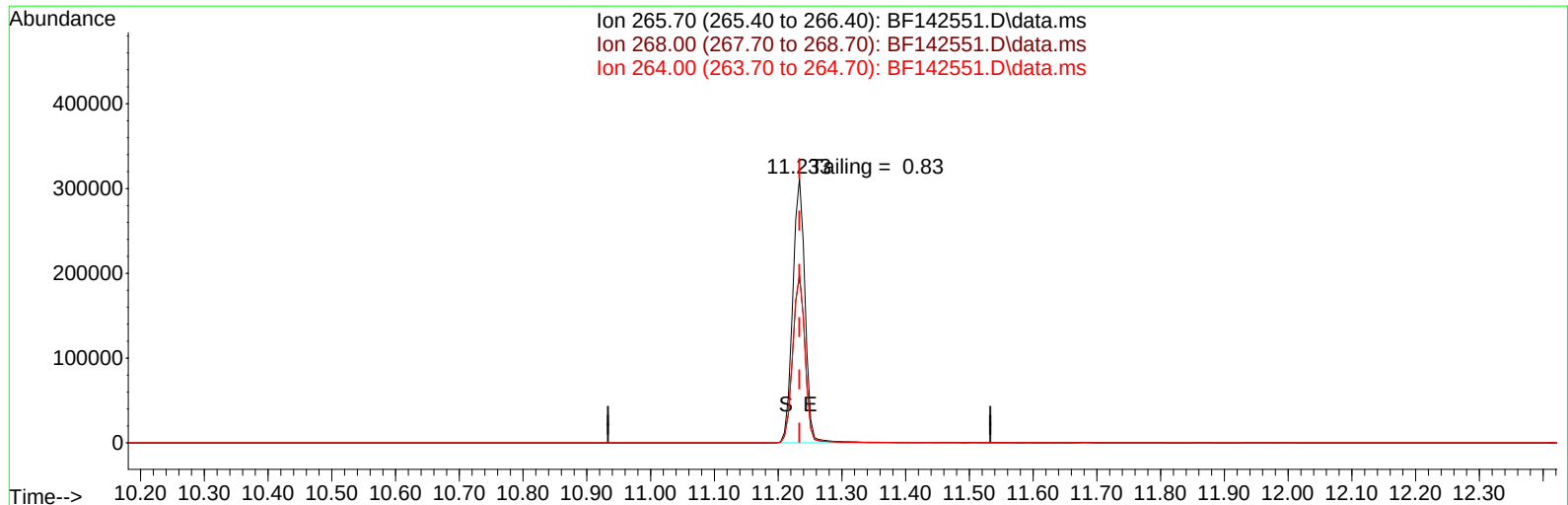
AutoFind: Scans 1612, 1613, 1614; Background Corrected with Scan 1605

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	37.2	95056	PASS
68	69	0.00	2	1.9	1592	PASS
69	198	0.00	100	33.1	84611	PASS
70	69	0.00	2	0.5	456	PASS
127	198	10	80	45.3	115752	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	255659	PASS
199	198	5	9	6.7	17178	PASS
275	198	10	60	31.4	80216	PASS
365	198	1	100	4.2	10786	PASS
441	198	0.01	100	22.5	57517	PASS
442	442	50	100	100.0	378197	PASS
443	442	15	24	19.6	73995	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142551.D
Acq On : 27 May 2025 09:47
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 27 11:46:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



TIC: BF142551.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 96217.29 ng

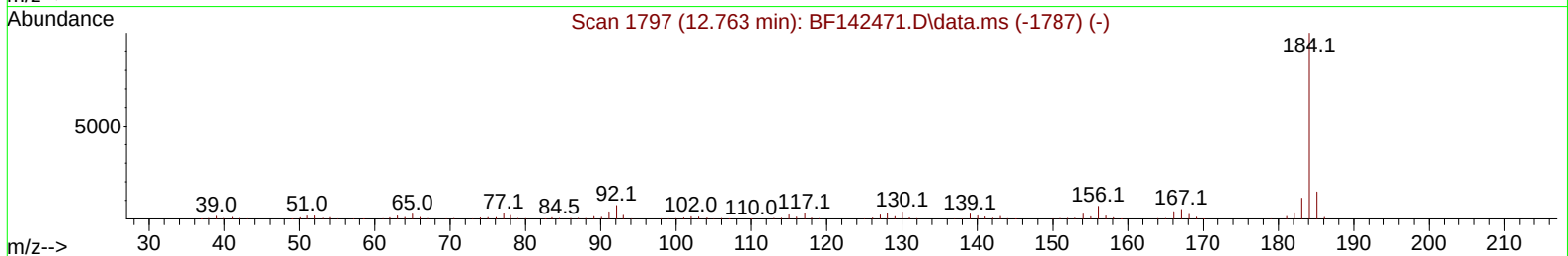
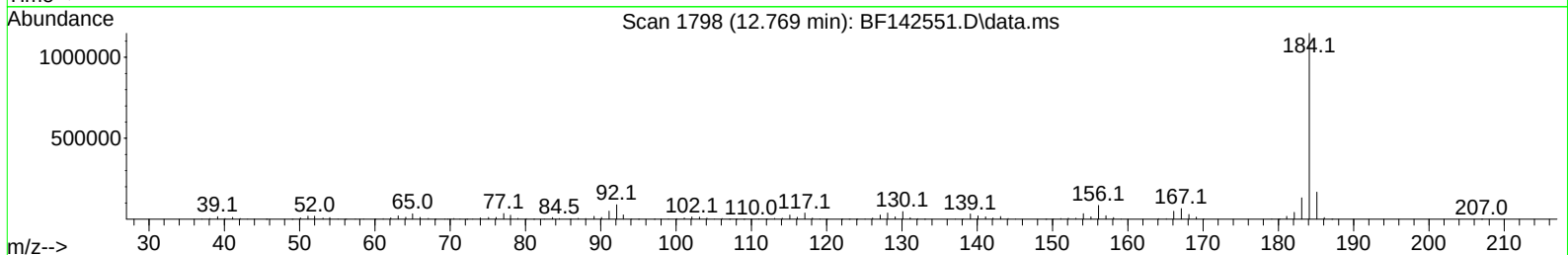
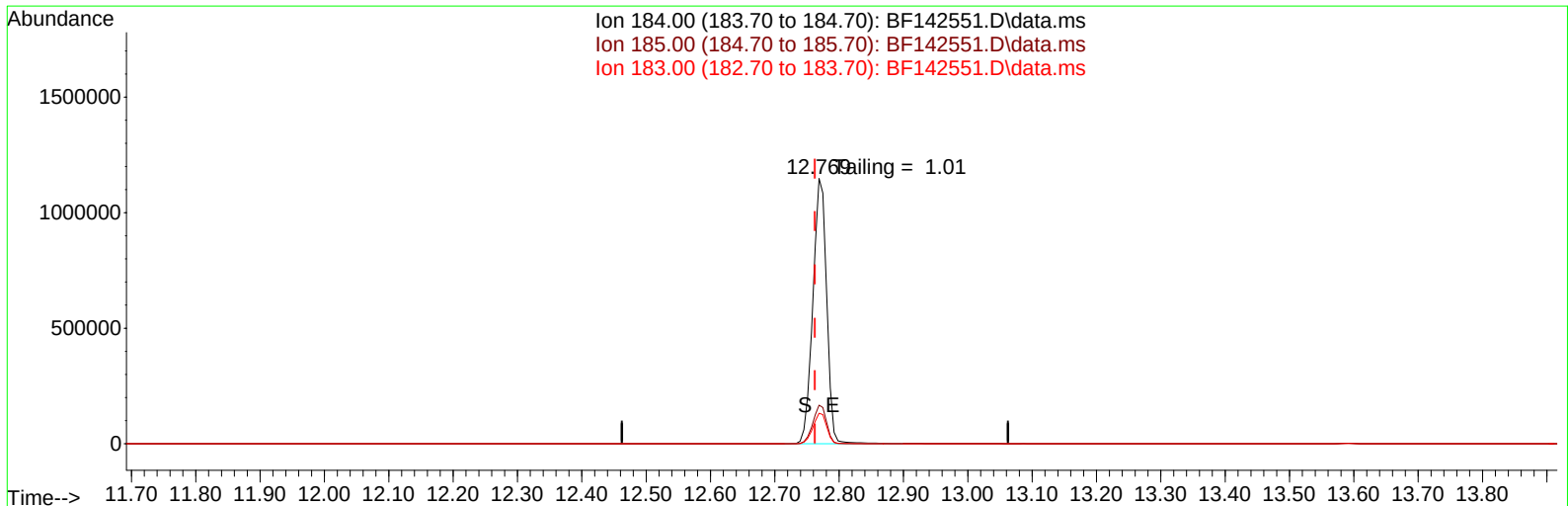
response 423416

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.60	63.31
264.00	63.00	63.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142551.D
Acq On : 27 May 2025 09:47
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 27 11:46:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



TIC: BF142551.D\data.ms

(77) Benzidine

12.769min (+ 0.006) 104012.72 ng

response 1726299

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.55
183.00	11.20	11.51
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/27/2025	BNA_F	<u>BF142551.D</u>
Compound Name	Response	Retention Time
DDT	843656	13.592
DDD	17595	13.316
DDE	1003	12.951
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
18598	862254	2.16

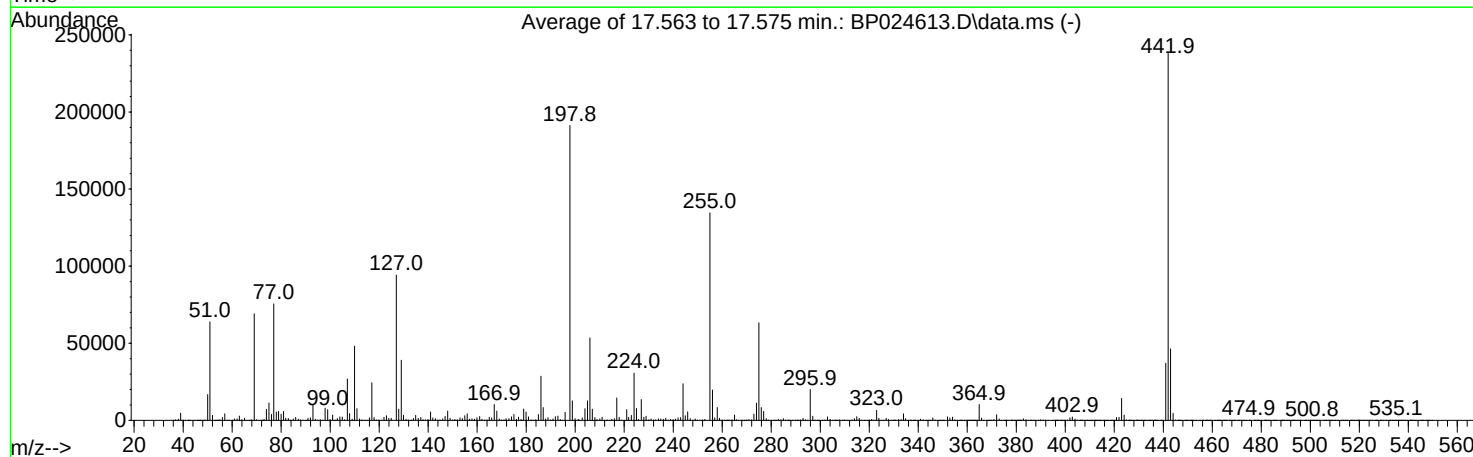
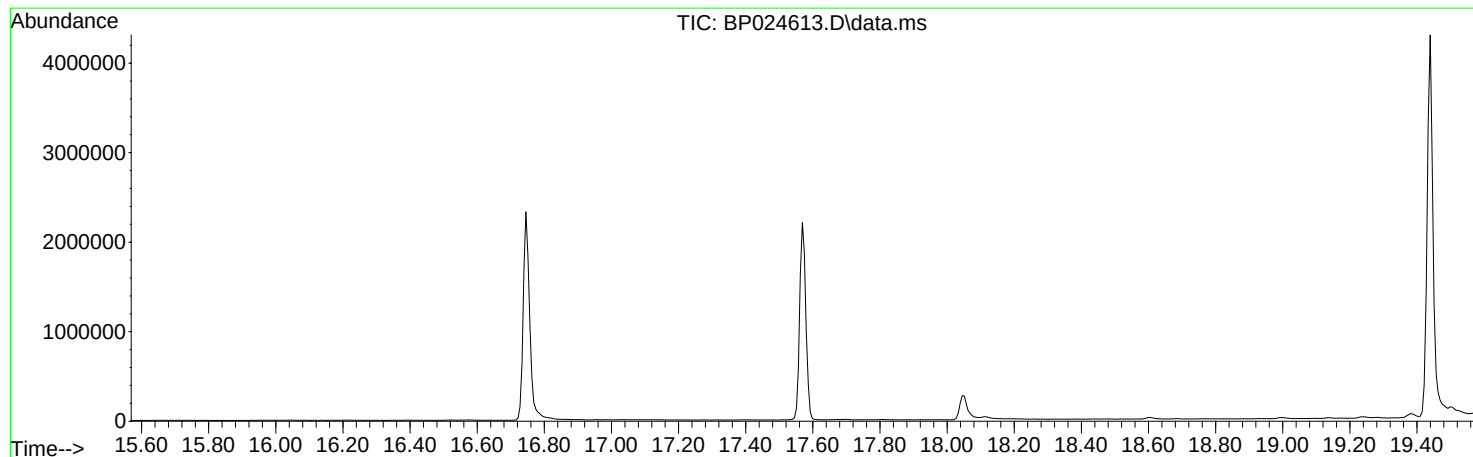
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



AutoFind: Scans 2461, 2462, 2463; Background Corrected with Scan 2449

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.5	63968	PASS
68	69	0.00	2	0.6	438	PASS
69	198	0.00	100	36.2	69152	PASS
70	69	0.00	2	0.6	419	PASS
127	198	10	80	49.3	94192	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	191223	PASS
199	198	5	9	6.6	12661	PASS
275	198	10	60	33.1	63293	PASS
365	198	1	100	5.4	10286	PASS
441	198	0.01	100	19.4	37080	PASS
442	442	100	100	100.0	238569	PASS
443	442	15	24	19.4	46397	PASS

DDT Breakdown

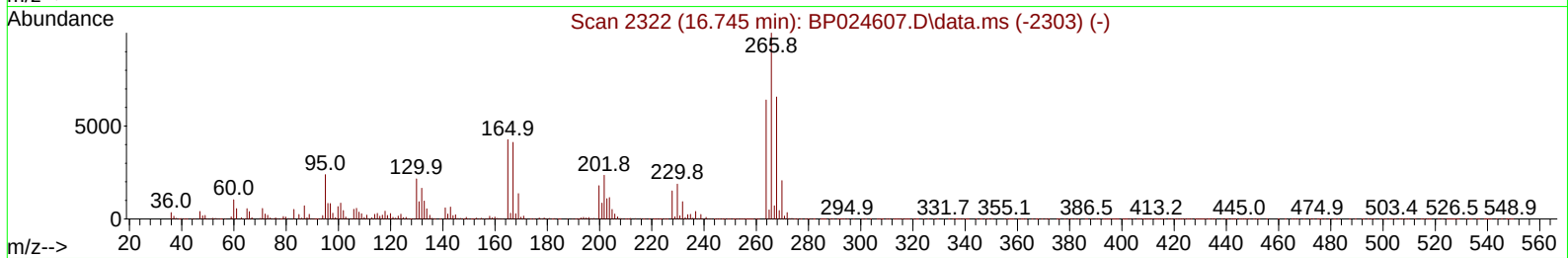
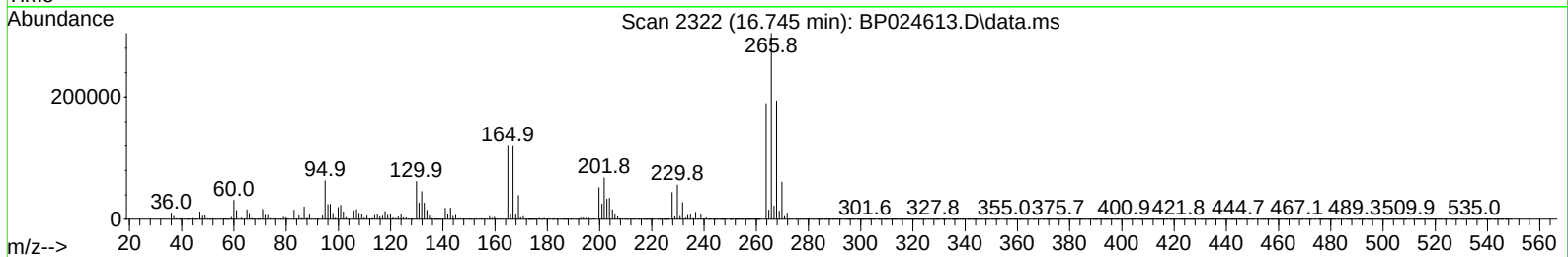
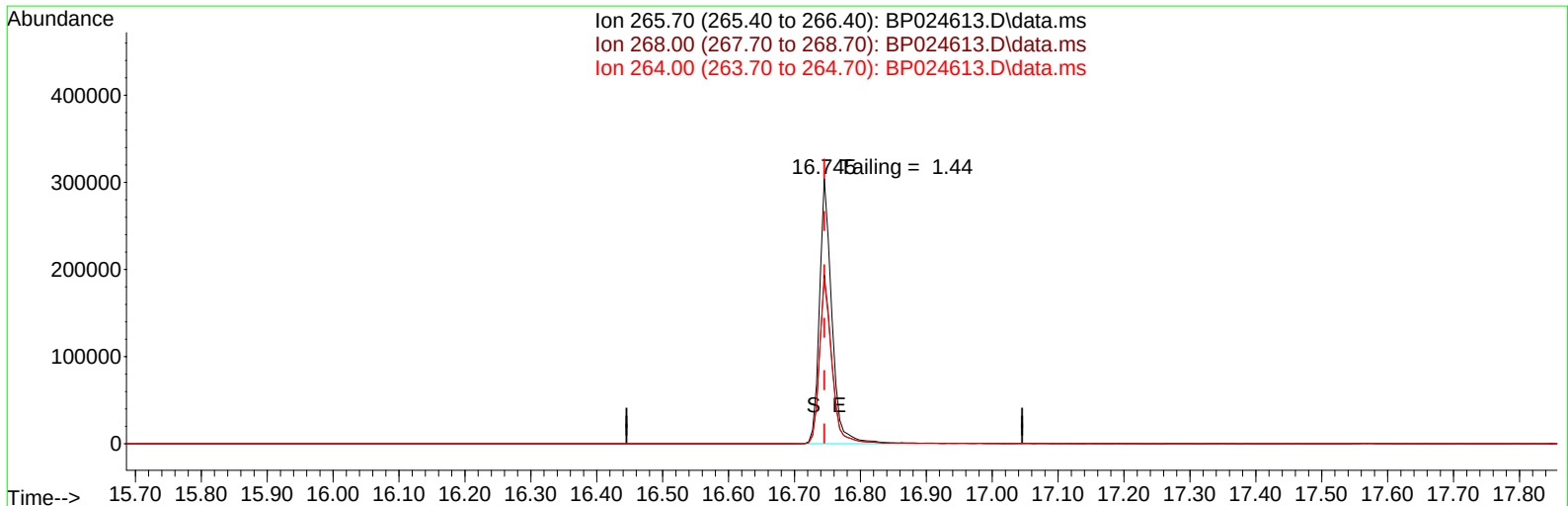
Date	Instrument Name	DFTPP Data File
5/13/2025	BNA_P	<u>BP024613.D</u>
Compound Name	Response	Retention Time
DDT	750509	20.716
DDD	13774	20.269
DDE	1248	19.733
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
15022	765531	1.96

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration



TIC: BP024613.D\data.ms

(70) Pentachlorophenol (C)

16.745min (-0.000) 42670.46 ng

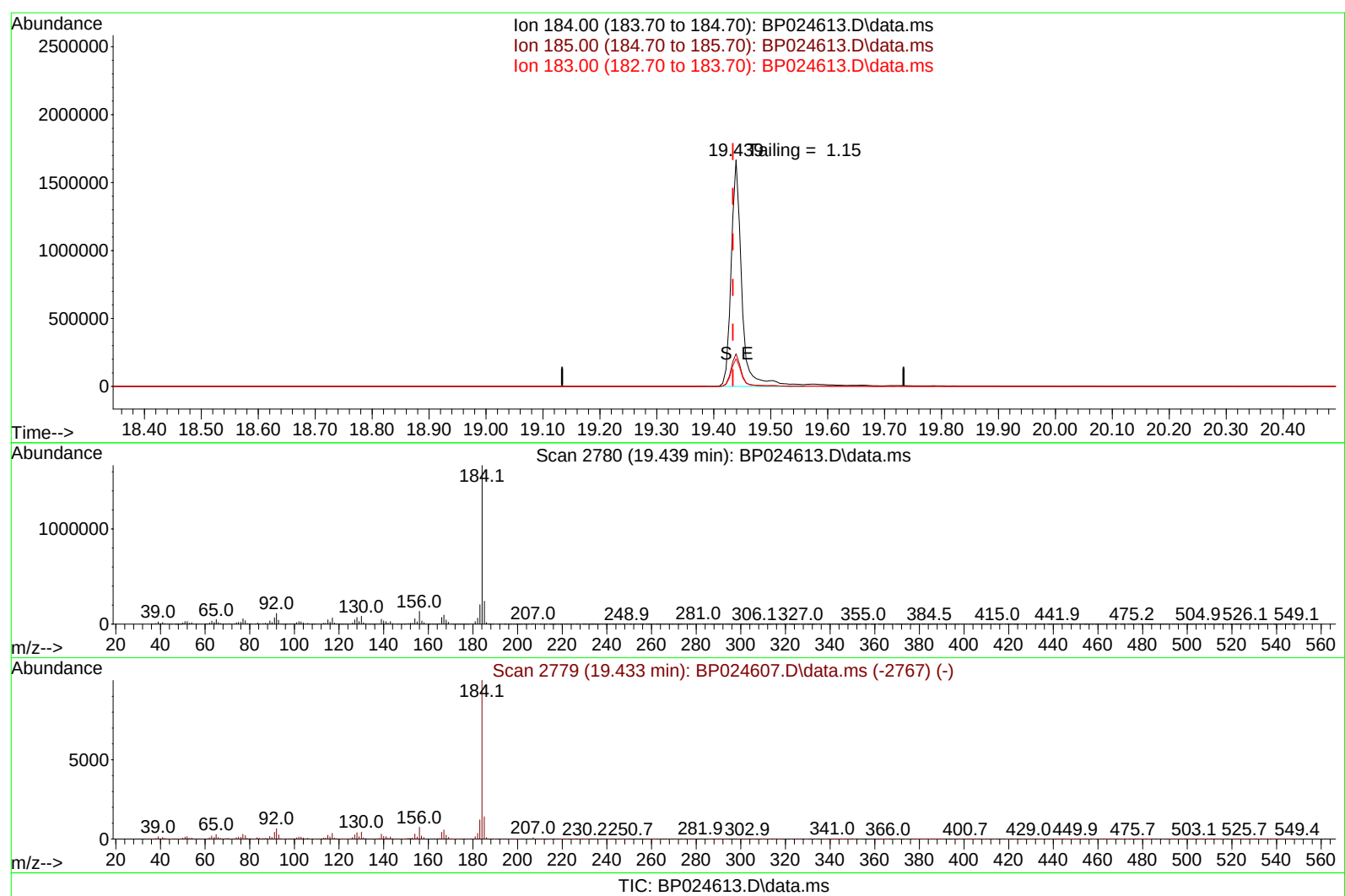
response 398426

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.60	63.59
264.00	64.00	62.12
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\  
Data File : BP024613.D  
Acq On    : 13 May 2025  10:00  
Operator  : RC/JU  
Sample    : DFTPP  
Misc      :  
ALS Vial  : 1    Sample Multiplier: 1
```

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration



(77) Benzidine

19.439min (+ 0.006) 5637.89 ng

response **2074486**

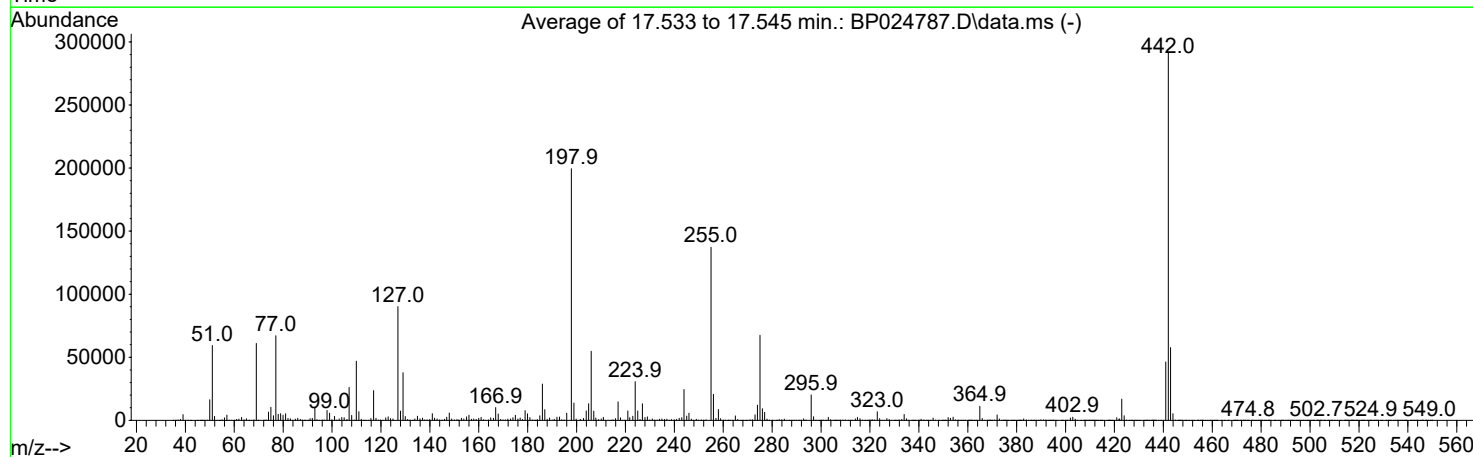
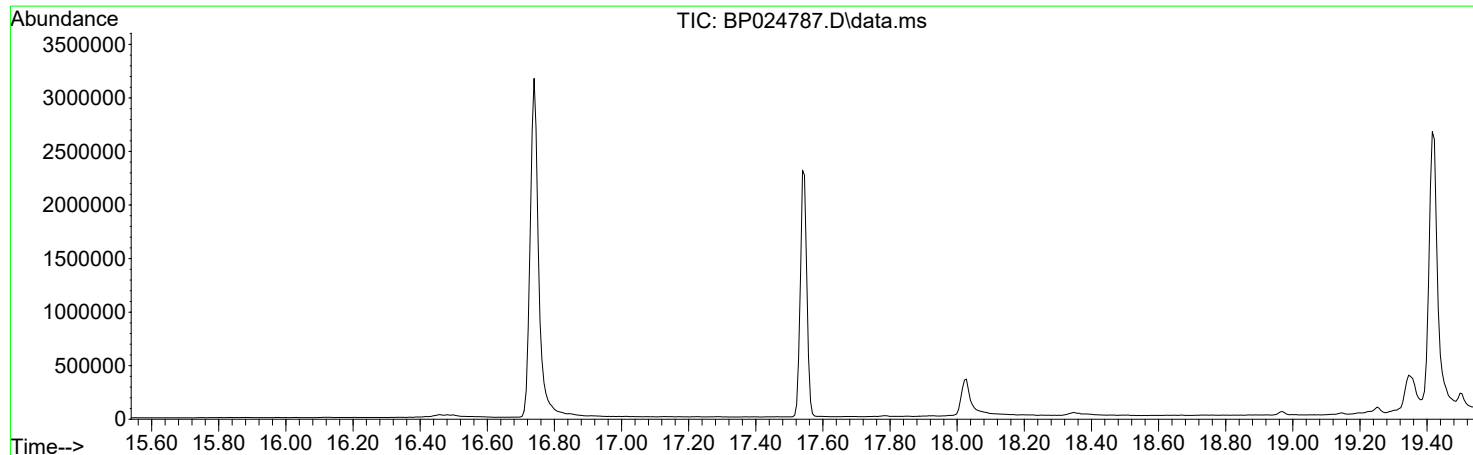
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.46
183.00	12.10	12.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024787.D
Acq On : 23 May 2025 10:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



AutoFind: Scans 2456, 2457, 2458; Background Corrected with Scan 2447

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.8	59362	PASS
68	69	0.00	2	0.7	401	PASS
69	198	0.00	100	30.6	61074	PASS
70	69	0.00	2	0.5	290	PASS
127	198	10	80	45.2	90179	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	199477	PASS
199	198	5	9	6.9	13702	PASS
275	198	10	60	33.8	67505	PASS
365	198	1	100	5.6	11114	PASS
441	198	0.01	100	23.2	46297	PASS
442	442	100	100	100.0	291624	PASS
443	442	15	24	19.8	57675	PASS

DDT Breakdown

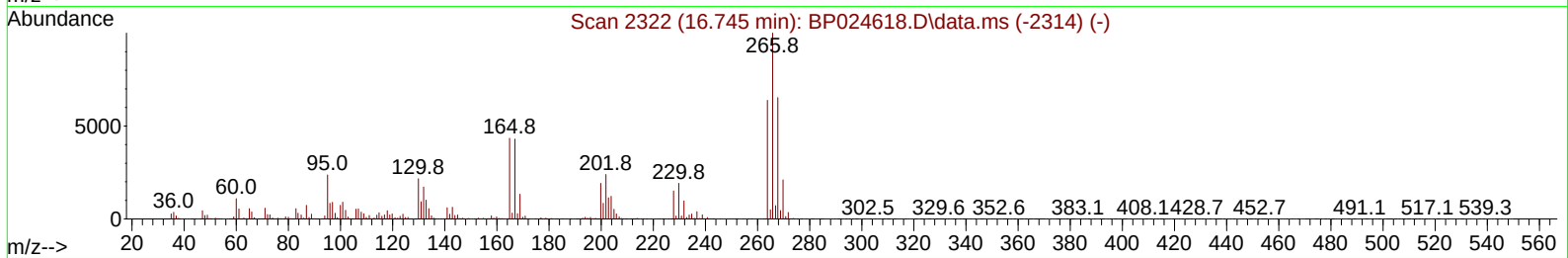
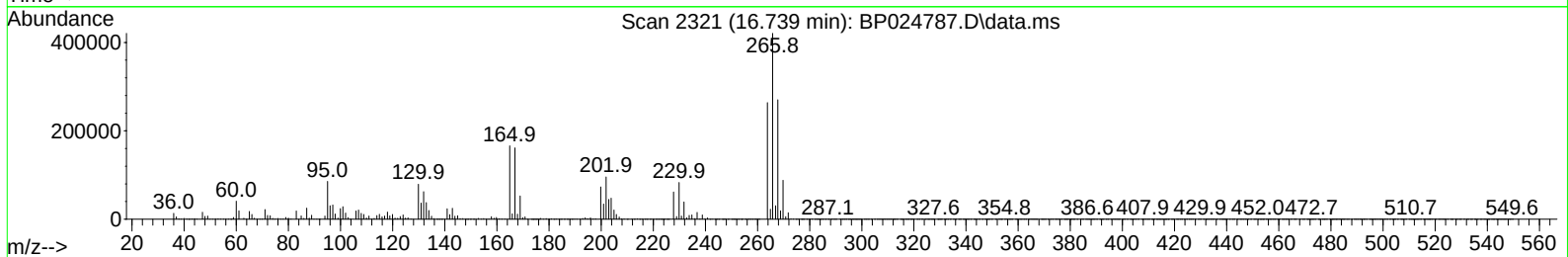
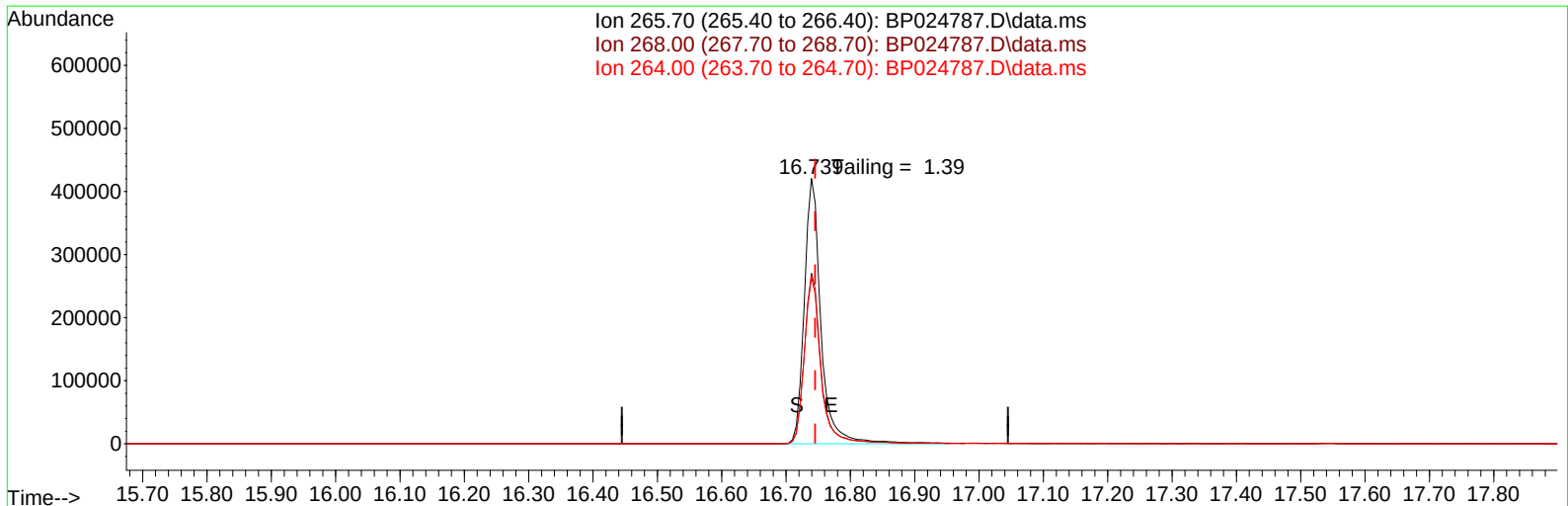
Date	Instrument Name	DFTPP Data File
5/23/2025	BNA_P	<u>BP024787.D</u>
Compound Name	Response	Retention Time
DDT	889984	20.698
DDD	15428	20.286
DDE	1954	19.71
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
17382	907366	1.92

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024787.D
Acq On : 23 May 2025 10:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 23 12:13:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



TIC: BP024787.D\data.ms

(70) Pentachlorophenol (C)

16.739min (-0.006) 1289316.61 ng

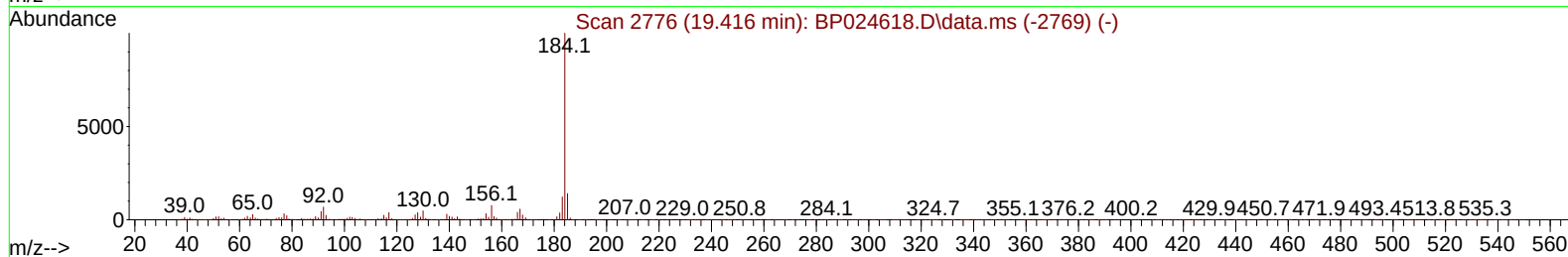
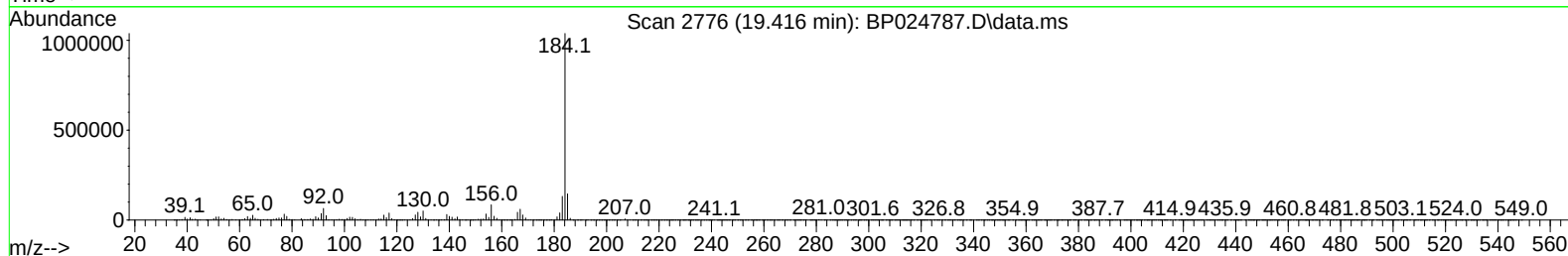
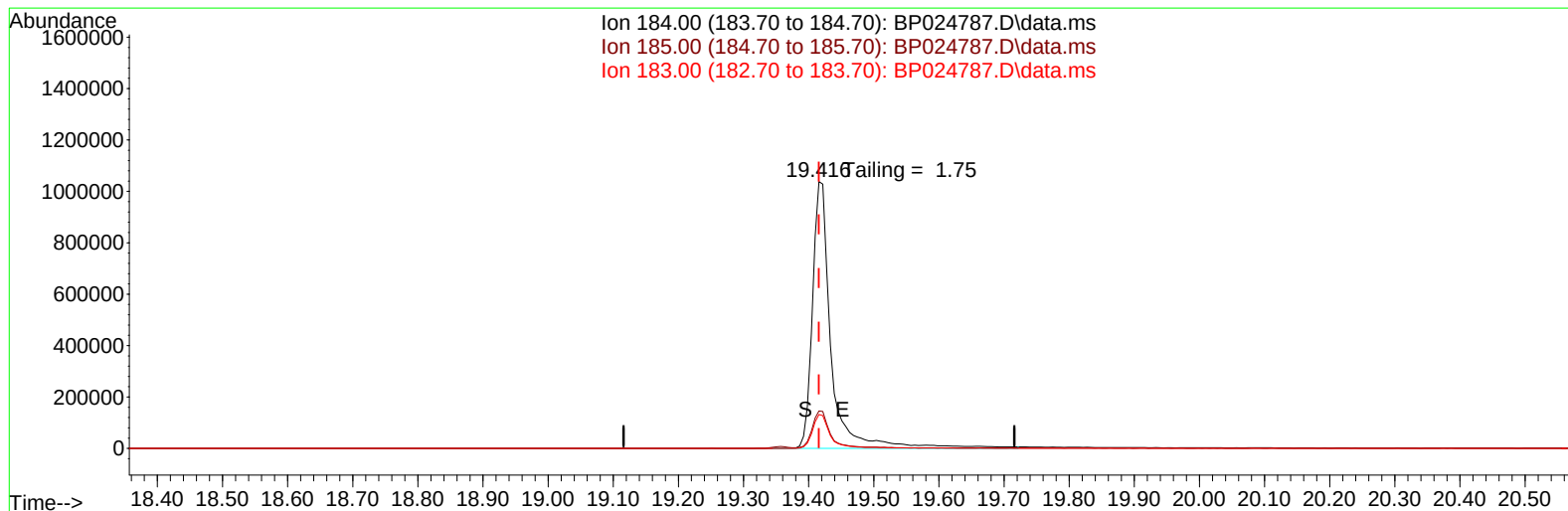
response 758576

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	64.26
264.00	63.90	62.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024787.D
Acq On : 23 May 2025 10:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 23 12:13:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



TIC: BP024787.D\data.ms

(77) Benzidine

19.416min (-0.000) 1952689.30 ng

response 2020967

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	14.02
183.00	12.30	12.71
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:	PB168143BL	SDG No.:	Q2106
Lab Sample ID:	PB168143BL	Matrix:	Water
Analytical Method:	8270E	% 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
BF142555.D	1	05/23/25 08:31	05/27/25 11:42	PB168143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		15 (10) - 110 (139)	84%	SPK: 150
13127-88-3	Phenol-d6	126		15 (10) - 110 (134)	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.4		30 (49) - 130 (133)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.4		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		15 (44) - 110 (137)	89%	SPK: 150
1718-51-0	Terphenyl-d14	69.5		30 (48) - 130 (125)	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	110000	6.899			
1146-65-2	Naphthalene-d8	422000	8.181			
15067-26-2	Acenaphthene-d10	239000	9.934			
1517-22-2	Phenanthrene-d10	439000	11.422			
1719-03-5	Chrysene-d12	295000	14.063			
1520-96-3	Perylene-d12	234000	15.557			

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\BF052725\
Data File : BF142555.D
Acq On : 27 May 2025 11:42
Operator : RC/JU
Sample : PB168143BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168143BL

Quant Time: May 27 12:26:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.899	152	109703	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	422020	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	239387	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	439419	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	295396	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	234182	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	815573	125.251	ng	0.00
7) Phenol-d6	6.522	99	988856	126.157	ng	-0.01
23) Nitrobenzene-d5	7.457	82	606800	78.404	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	353739	133.140	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1309789	73.419	ng	-0.01
79) Terphenyl-d14	13.016	244	1502475	69.507	ng	0.00

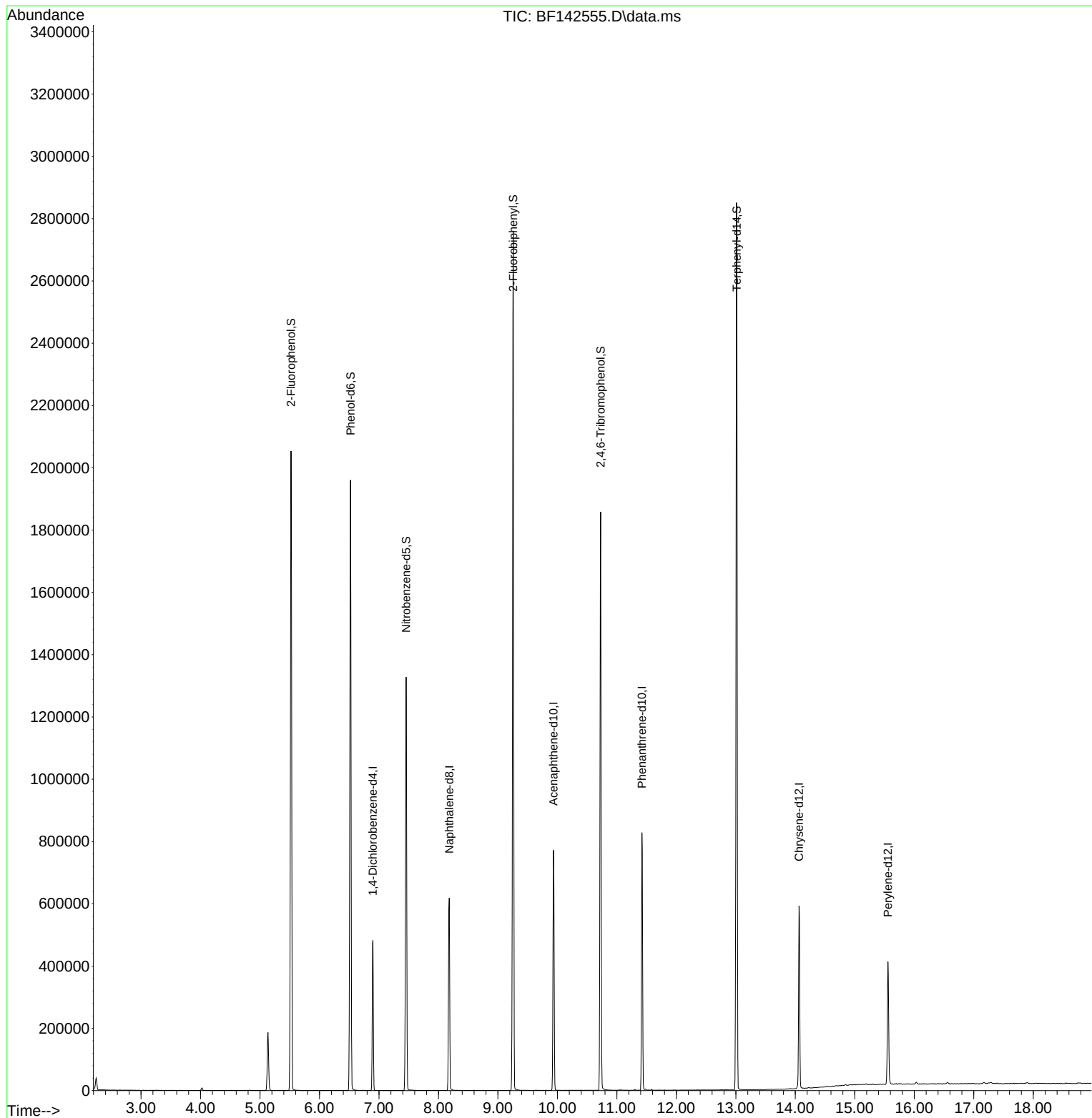
Target Compounds	Qvalue

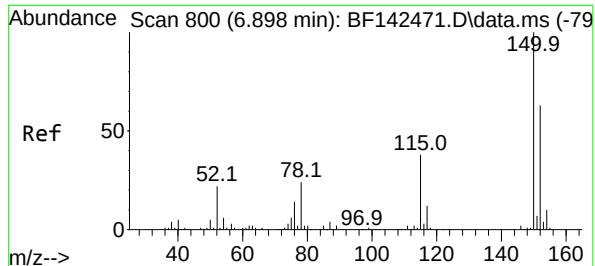
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142555.D
Acq On : 27 May 2025 11:42
Operator : RC/JU
Sample : PB168143BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168143BL

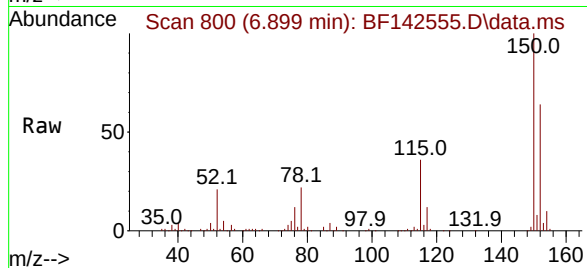
Quant Time: May 27 12:26:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



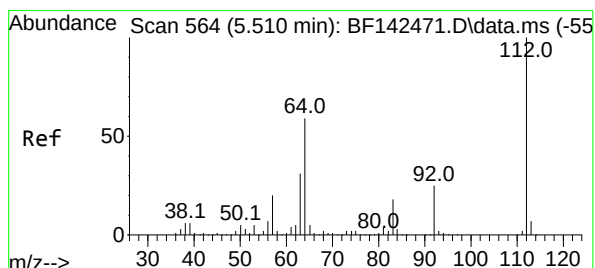
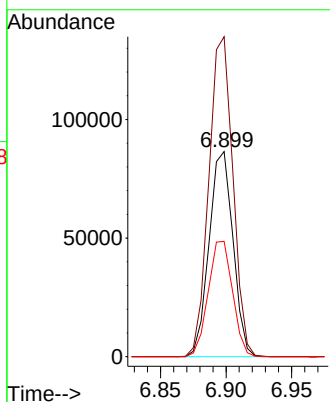
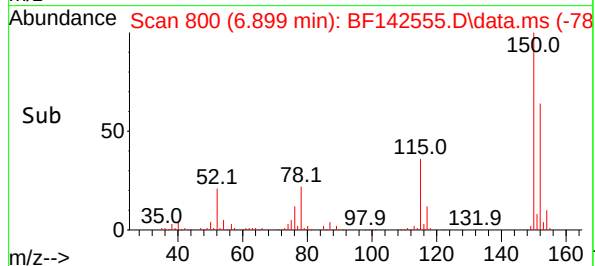


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.899 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB168143BL

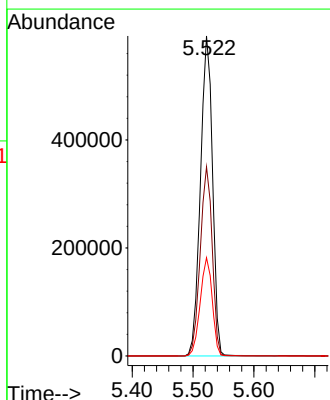
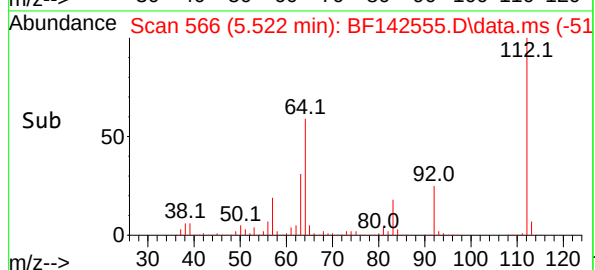
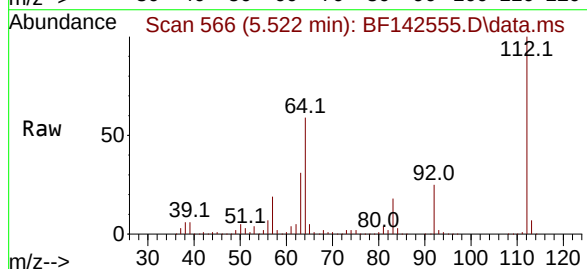


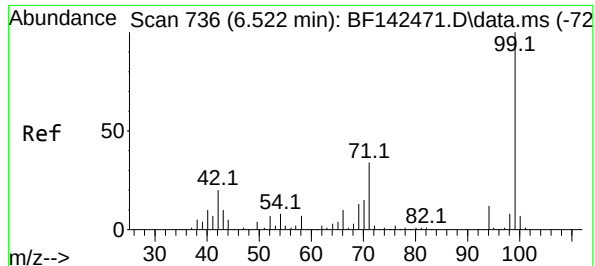
Tgt Ion:152 Resp: 109703
Ion Ratio Lower Upper
152 100
150 156.0 128.2 192.4
115 56.2 48.3 72.5



#5
2-Fluorophenol
Concen: 125.251 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

Tgt Ion:112 Resp: 815573
Ion Ratio Lower Upper
112 100
64 59.1 47.5 71.3
63 30.7 24.9 37.3

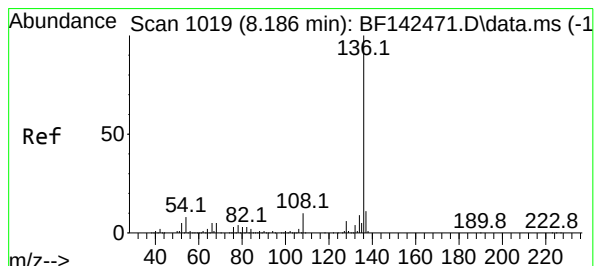
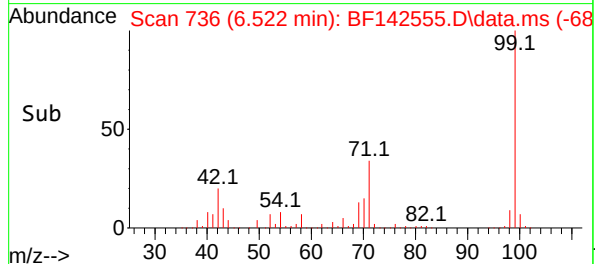
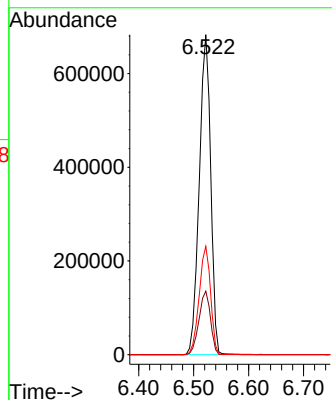
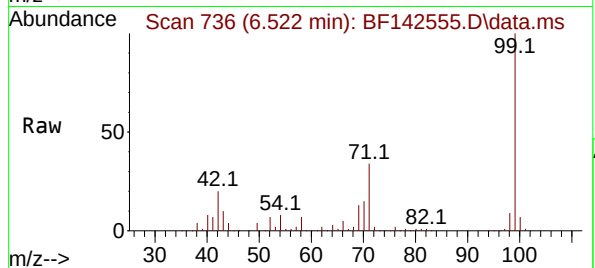




#7
Phenol-d6
Concen: 126.157 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

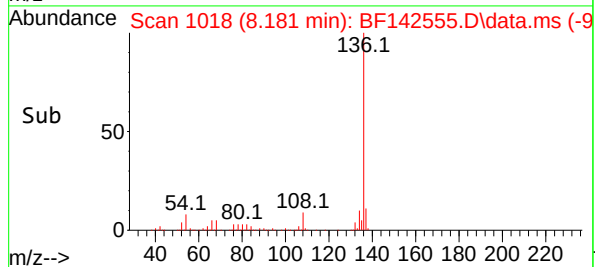
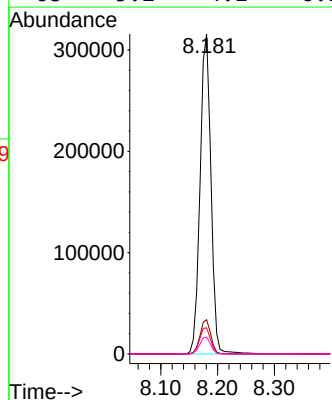
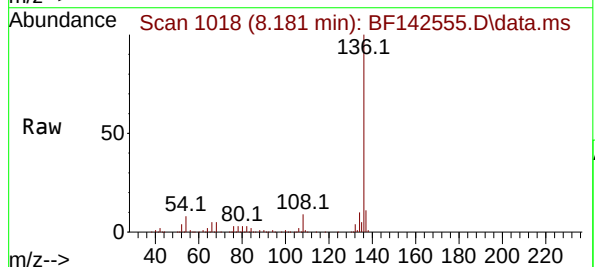
Instrument :
BNA_F
ClientSampleId :
PB168143BL

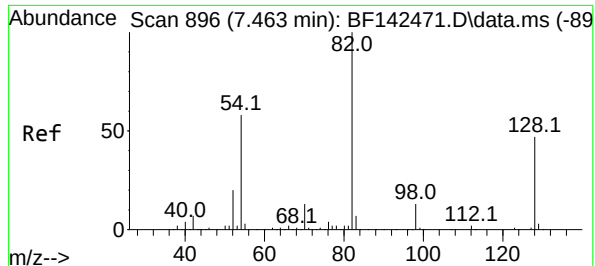
Tgt Ion: 99 Resp: 988856
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

Tgt Ion: 136 Resp: 422020
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.404 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142555.D

Acq: 27 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB168143BL

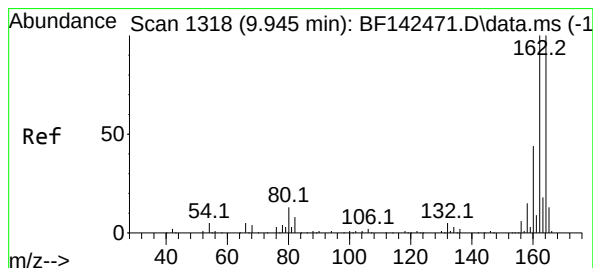
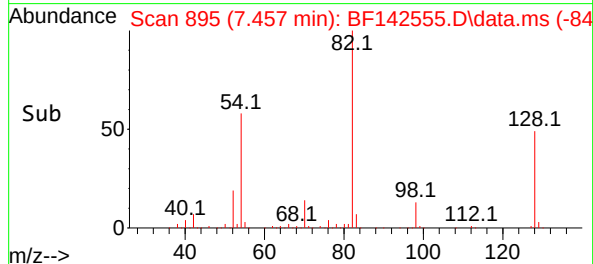
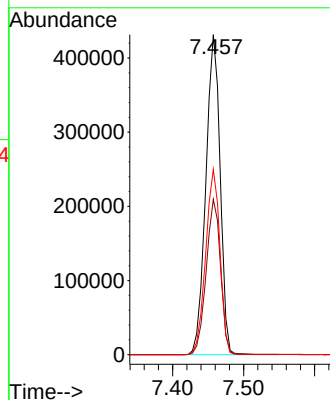
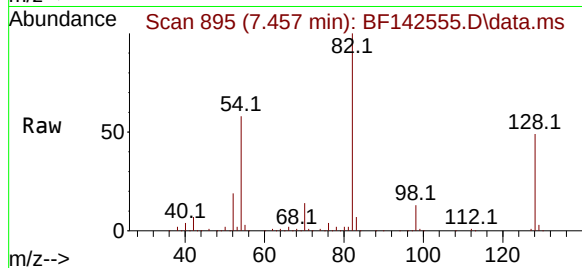
Tgt Ion: 82 Resp: 606800

Ion Ratio Lower Upper

82 100

128 48.5 37.4 56.2

54 57.9 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.011 min

Lab File: BF142555.D

Acq: 27 May 2025 11:42

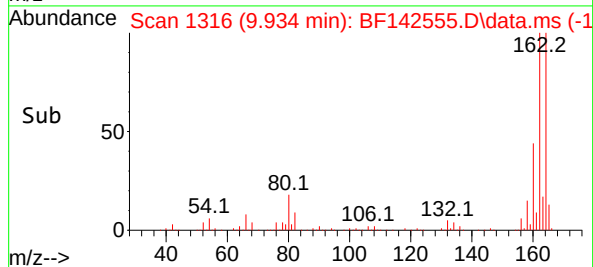
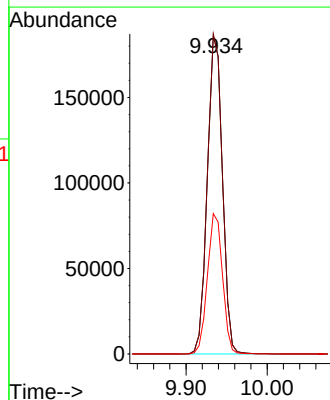
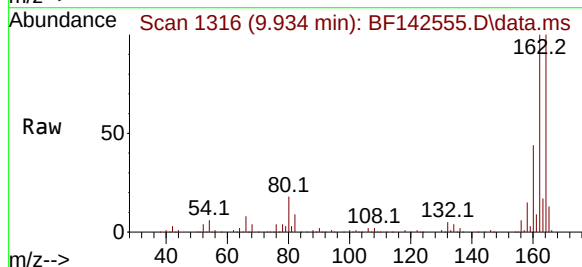
Tgt Ion:164 Resp: 239387

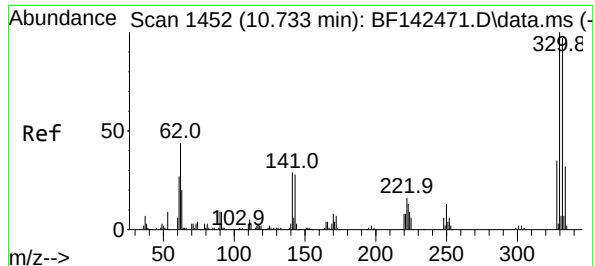
Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.4

160 44.1 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 133.140 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.011 min

Lab File: BF142555.D

Acq: 27 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB168143BL

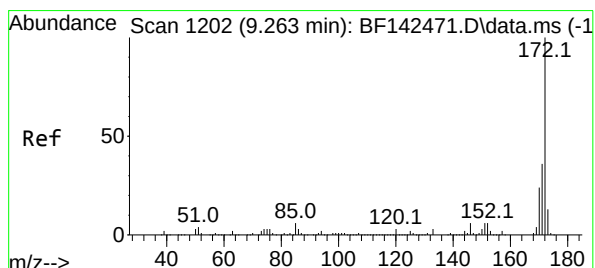
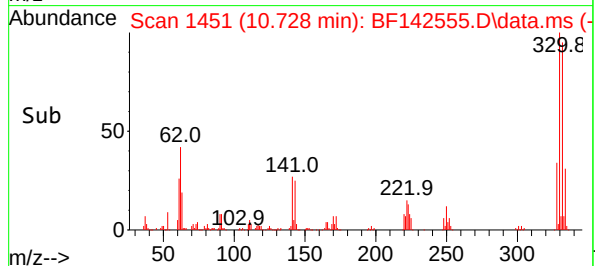
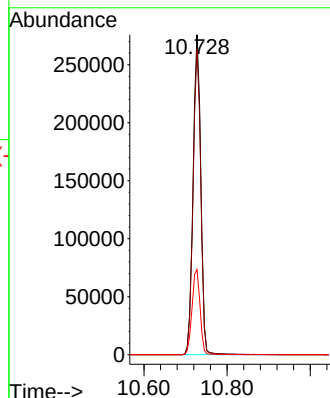
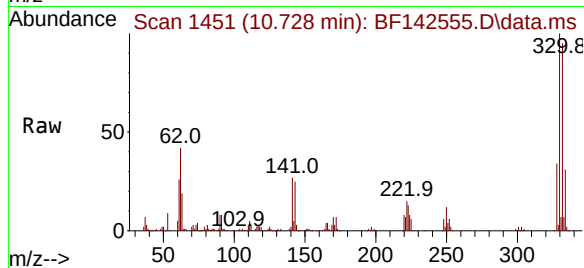
Tgt Ion:330 Resp: 353739

Ion Ratio Lower Upper

330 100

332 95.3 77.6 116.4

141 27.8 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 73.419 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.011 min

Lab File: BF142555.D

Acq: 27 May 2025 11:42

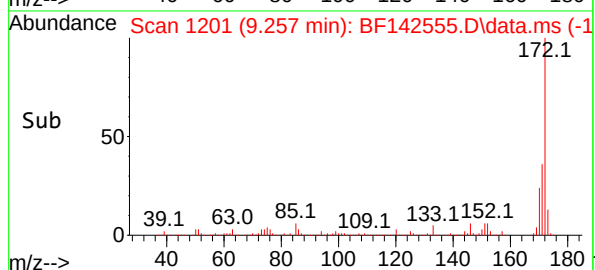
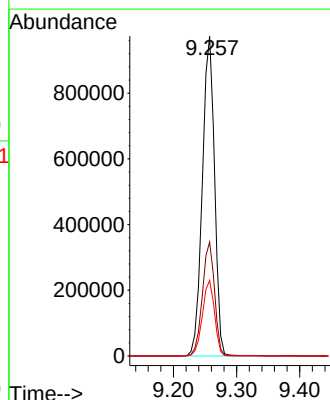
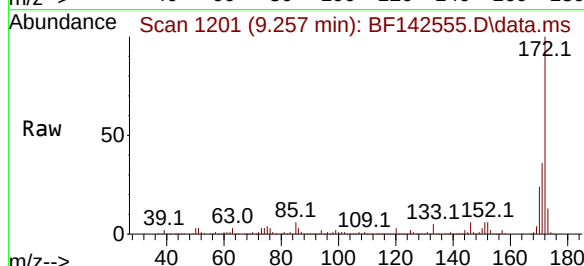
Tgt Ion:172 Resp: 1309789

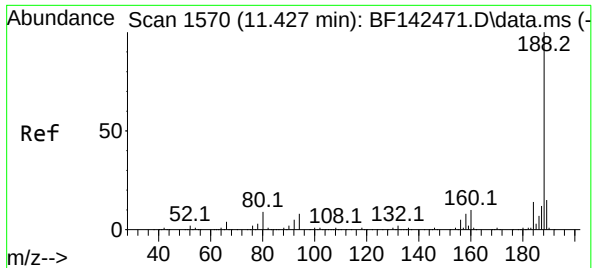
Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.6 18.9 28.3

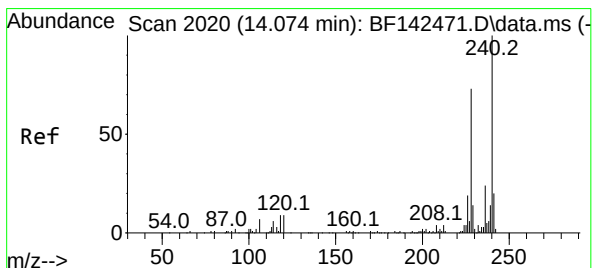
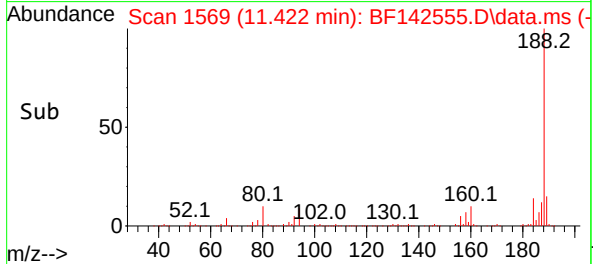
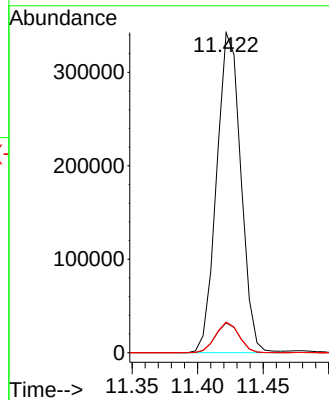
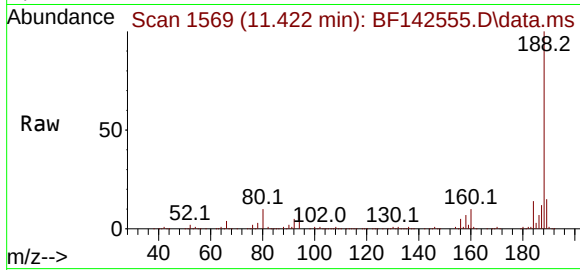




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

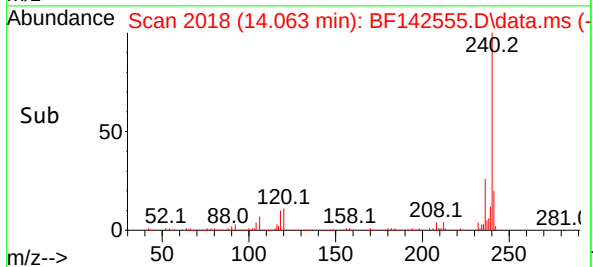
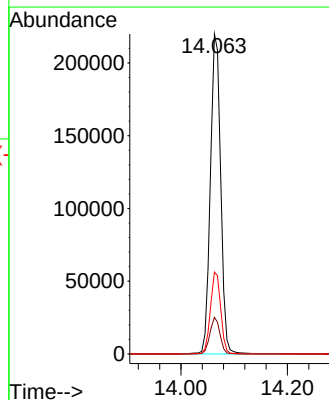
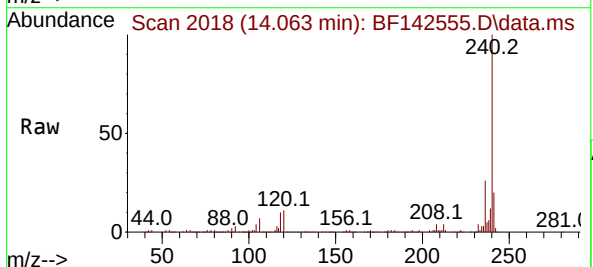
Instrument :
BNA_F
ClientSampleId :
PB168143BL

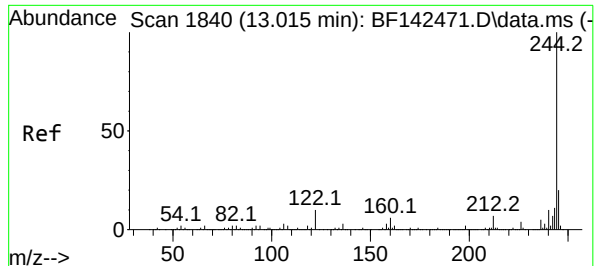
Tgt Ion:188 Resp: 439419
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 9.6 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

Tgt Ion:240 Resp: 295396
Ion Ratio Lower Upper
240 100
120 11.4 7.5 11.3#
236 25.6 19.6 29.4





#79

Terphenyl-d14

Concen: 69.507 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142555.D

Acq: 27 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB168143BL

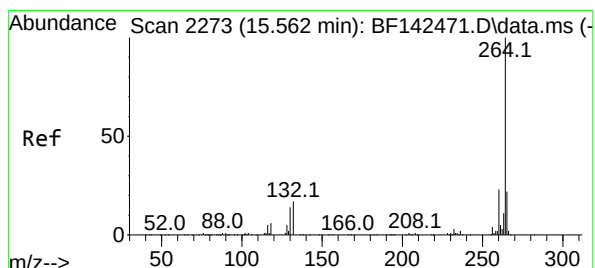
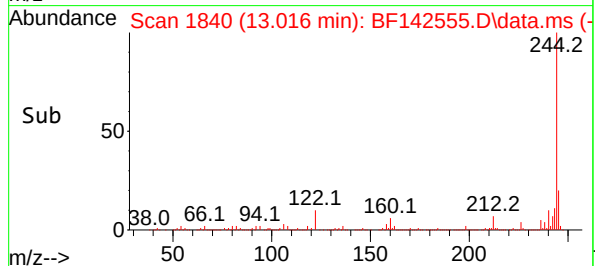
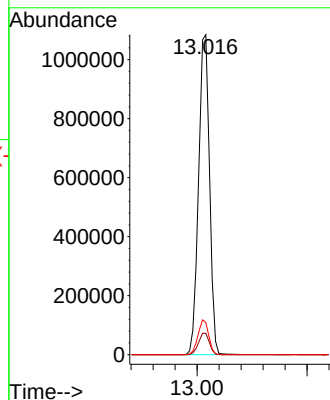
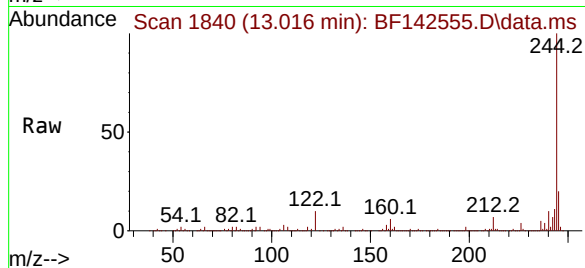
Tgt Ion:244 Resp: 1502475

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.0 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.011 min

Lab File: BF142555.D

Acq: 27 May 2025 11:42

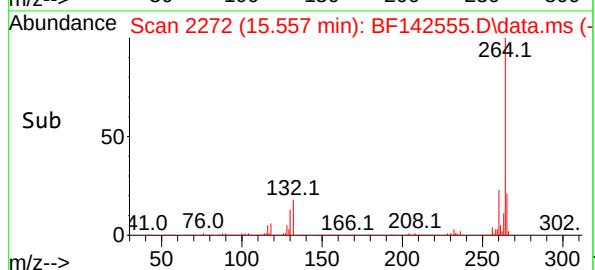
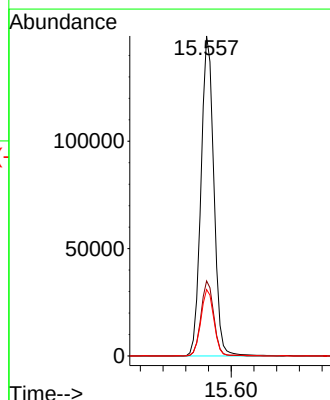
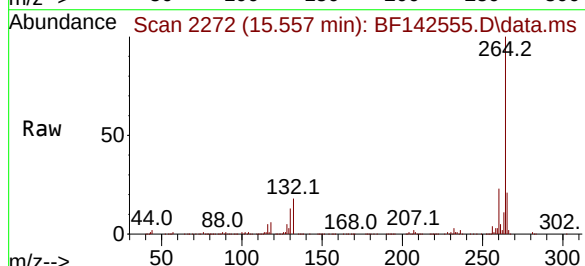
Tgt Ion:264 Resp: 234182

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 20.8 17.7 26.5



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168143BS	SDG No.:	Q2106
Lab Sample ID:	PB168143BS	Matrix:	Water
Analytical Method:	8270E	% 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
BF142556.D	1	05/23/25 08:31	05/27/25 12:11	PB168143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	42.5		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.0		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.8		0.54	5.00	ug/L
91-20-3	Naphthalene	42.4		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	120		15 (10) - 110 (139)	80%	SPK: 150
13127-88-3	Phenol-d6	124		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.5		30 (49) - 130 (133)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.3		30 (52) - 130 (132)	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		15 (44) - 110 (137)	88%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		30 (48) - 130 (125)	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.898			
1146-65-2	Naphthalene-d8	472000	8.186			
15067-26-2	Acenaphthene-d10	264000	9.939			
1517-22-2	Phenanthrene-d10	473000	11.427			
1719-03-5	Chrysene-d12	277000	14.074			
1520-96-3	Perylene-d12	253000	15.562			

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\BF052725\
 Data File : BF142556.D
 Acq On : 27 May 2025 12:11
 Operator : RC/JU
 Sample : PB168143BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168143BS

Quant Time: May 27 12:43:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	120106	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	472385	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264185	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	473279	20.000	ng	0.00
76) Chrysene-d12	14.074	240	277045	20.000	ng	0.00
86) Perylene-d12	15.562	264	252806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	856446	120.136	ng	0.01
7) Phenol-d6	6.528	99	1065890	124.207	ng	0.00
23) Nitrobenzene-d5	7.463	82	654131	75.508	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	386188	131.709	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1404017	71.314	ng	0.00
79) Terphenyl-d14	13.016	244	1530542	75.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	104221	36.534	ng	99
3) Pyridine	3.516	79	292099	40.209	ng	98
4) n-Nitrosodimethylamine	3.475	42	159374	42.253	ng	94
6) Aniline	6.563	93	296587	25.704	ng	100
8) 2-Chlorophenol	6.681	128	343078	44.183	ng	98
9) Benzaldehyde	6.451	77	198272	38.414	ng	100
10) Phenol	6.545	94	410821	42.545	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	304203	43.765	ng	100
12) 1,3-Dichlorobenzene	6.839	146	360722	41.632	ng	99
13) 1,4-Dichlorobenzene	6.916	146	366370	41.977	ng	99
14) 1,2-Dichlorobenzene	7.069	146	349809	41.886	ng	100
15) Benzyl Alcohol	7.039	79	280767	44.273	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	497464	42.617	ng	99
17) 2-Methylphenol	7.151	107	268857	44.348	ng	99
18) Hexachloroethane	7.410	117	126639	41.553	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	223290	41.984	ng	100
20) 3+4-Methylphenols	7.304	107	337484	43.470	ng	98
22) Acetophenone	7.310	105	443941	42.453	ng	99
24) Nitrobenzene	7.481	77	335756	42.972	ng	98
25) Isophorone	7.722	82	619154	42.747	ng	99
26) 2-Nitrophenol	7.798	139	188155	45.068	ng	97
27) 2,4-Dimethylphenol	7.833	122	326008	44.280	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	392401	43.370	ng	99
29) 2,4-Dichlorophenol	8.039	162	299491	44.730	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	311109	42.814	ng	97
31) Naphthalene	8.204	128	985458	42.367	ng	100
32) Benzoic acid	7.957	122	224657	50.127	ng	98
33) 4-Chloroaniline	8.251	127	80502	8.541	ng	99
34) Hexachlorobutadiene	8.322	225	187381	41.299	ng	99
35) Caprolactam	8.628	113	96060m	51.082	ng	
36) 4-Chloro-3-methylphenol	8.733	107	313802	45.731	ng	98
37) 2-Methylnaphthalene	8.898	142	614795	42.013	ng	100
38) 1-Methylnaphthalene	8.998	142	648412	42.838	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	315760	41.637	ng	99
41) Hexachlorocyclopentadiene	9.051	237	433295	84.697	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	223459	43.698	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142556.D
 Acq On : 27 May 2025 12:11
 Operator : RC/JU
 Sample : PB168143BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168143BS

Quant Time: May 27 12:43:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

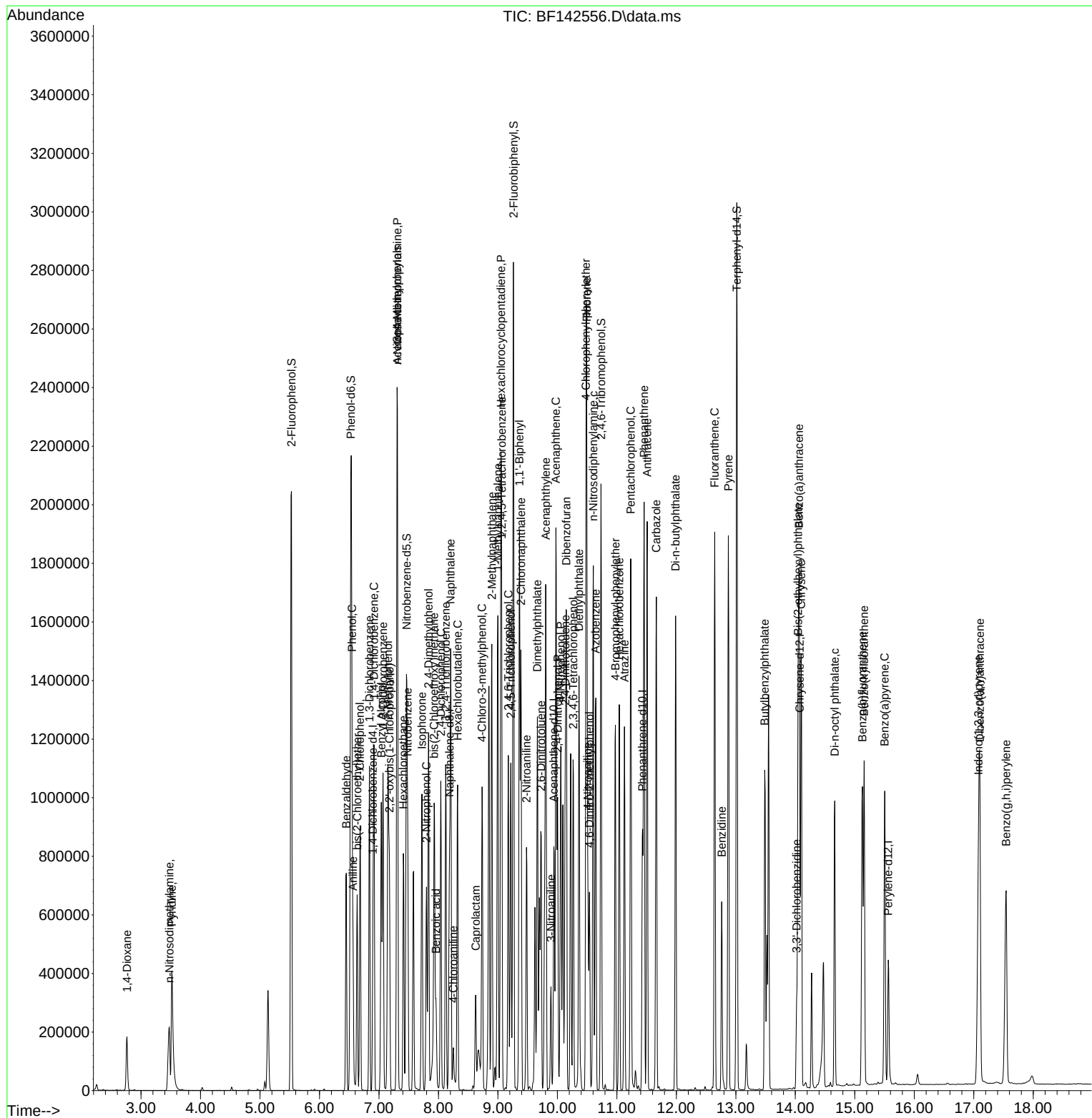
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	239172	44.347	ng	99
46) 1,1'-Biphenyl	9.363	154	855433	41.737	ng	100
47) 2-Chloronaphthalene	9.386	162	641978	42.394	ng	99
48) 2-Nitroaniline	9.480	65	199170	45.503	ng	99
49) Acenaphthylene	9.804	152	1085030	42.433	ng	99
50) Dimethylphthalate	9.663	163	788495	45.233	ng	99
51) 2,6-Dinitrotoluene	9.727	165	174336	46.337	ng	97
52) Acenaphthene	9.975	154	740615	47.433	ng	100
53) 3-Nitroaniline	9.892	138	82927	20.180	ng	98
54) 2,4-Dinitrophenol	10.004	184	206525	106.250	ng	92
55) Dibenzofuran	10.151	168	969659	43.156	ng	99
56) 4-Nitrophenol	10.057	139	306914	101.222	ng	99
57) 2,4-Dinitrotoluene	10.133	165	242041	49.261	ng	98
58) Fluorene	10.492	166	748792	43.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	206439	45.851	ng	100
60) Diethylphthalate	10.363	149	774294	45.480	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	371060	43.515	ng	98
62) 4-Nitroaniline	10.510	138	185925	49.886	ng	98
63) Azobenzene	10.645	77	683843	44.721	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	131063	49.622	ng	99
66) n-Nitrosodiphenylamine	10.604	169	672871	41.556	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	235538	42.089	ng	98
68) Hexachlorobenzene	11.039	284	265736	42.933	ng	99
69) Atrazine	11.127	200	217691	50.625	ng	99
70) Pentachlorophenol	11.233	266	314101	89.884	ng	99
71) Phenanthrene	11.457	178	1090302	43.107	ng	100
72) Anthracene	11.510	178	1102148	42.697	ng	99
73) Carbazole	11.663	167	1013432	45.924	ng	100
74) Di-n-butylphthalate	11.986	149	1174359	48.617	ng	99
75) Fluoranthene	12.645	202	1124554	47.583	ng	98
77) Benzidine	12.763	184	357353	34.662	ng	99
78) Pyrene	12.874	202	1125782	43.560	ng	100
80) Butylbenzylphthalate	13.486	149	375686	52.608	ng	99
81) Benzo(a)anthracene	14.063	228	812818	43.937	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	90586	16.144	ng	99
83) Chrysene	14.098	228	734102	44.161	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	436890	47.790	ng	99
85) Di-n-octyl phthalate	14.662	149	676762	37.861	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	805592	42.446	ng	99
88) Benzo(b)fluoranthene	15.127	252	663713	44.359	ng	98
89) Benzo(k)fluoranthene	15.157	252	640069	45.674	ng	98
90) Benzo(a)pyrene	15.504	252	637798	45.223	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	658445	42.776	ng	100
92) Benzo(g,h,i)perylene	17.545	276	654940	42.539	ng	98

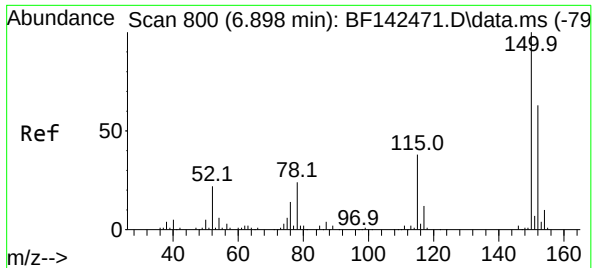
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF142556.D  
Acq On    : 27 May 2025  12:11  
Operator  : RC/JU  
Sample    : PB168143BS  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
PB168143BS

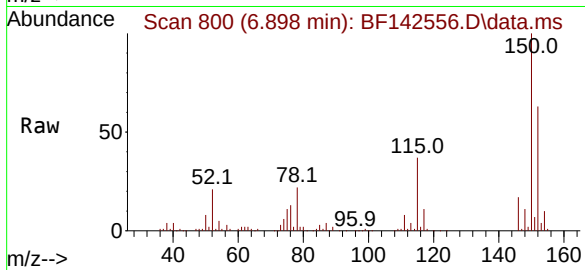
Quant Time: May 27 12:43:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



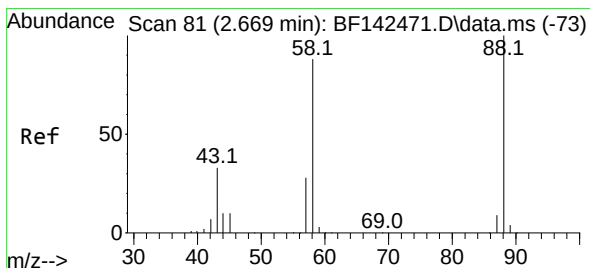
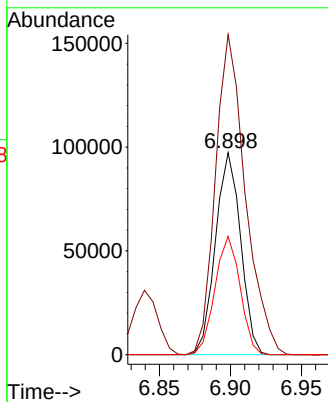
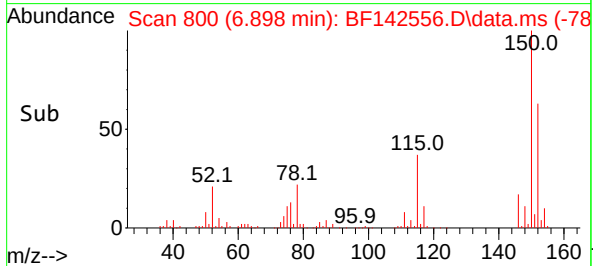


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB168143BS

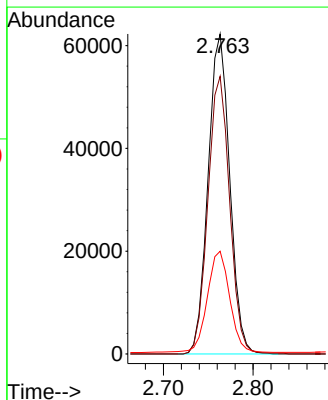
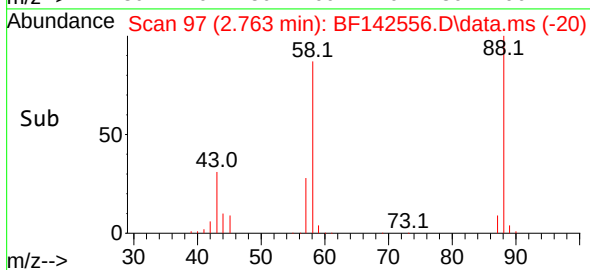
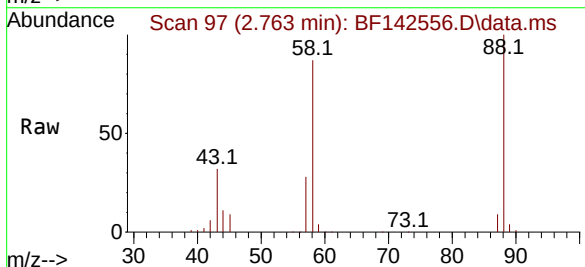


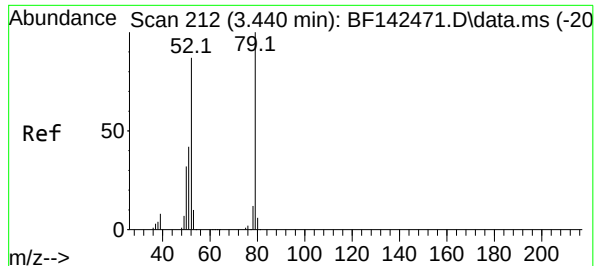
Tgt Ion:152 Resp: 120106
Ion Ratio Lower Upper
152 100
150 158.5 128.2 192.4
115 58.6 48.3 72.5



#2
1,4-Dioxane
Concen: 36.534 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.100 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

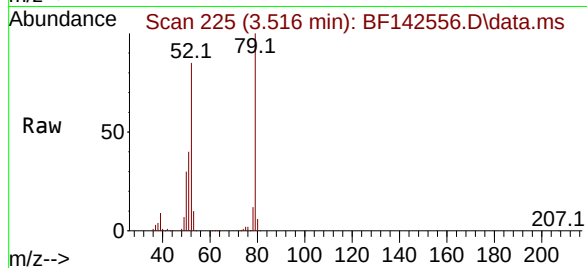
Tgt Ion: 88 Resp: 104221
Ion Ratio Lower Upper
88 100
58 87.4 70.8 106.2
43 33.1 26.6 40.0



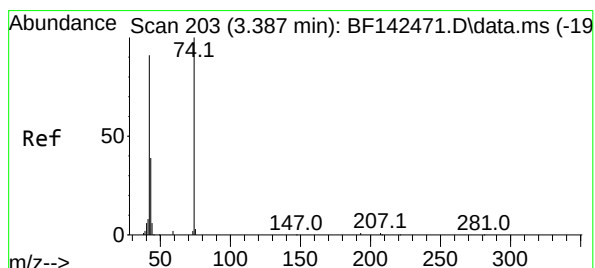
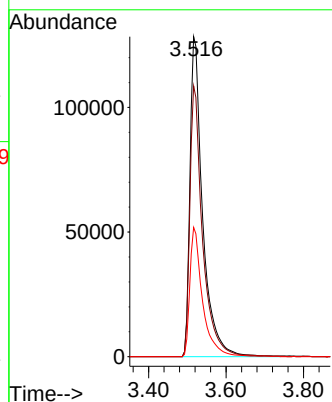
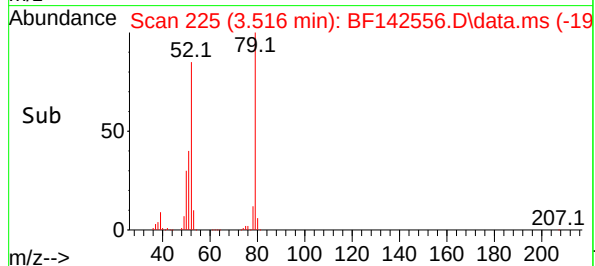


#3
Pyridine
Concen: 40.209 ng
RT: 3.516 min Scan# 212
Delta R.T. 0.077 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB168143BS

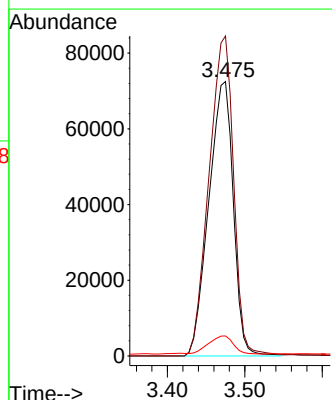
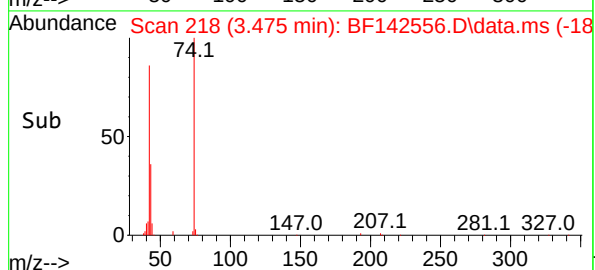
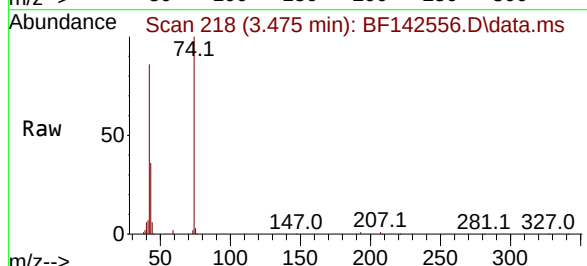


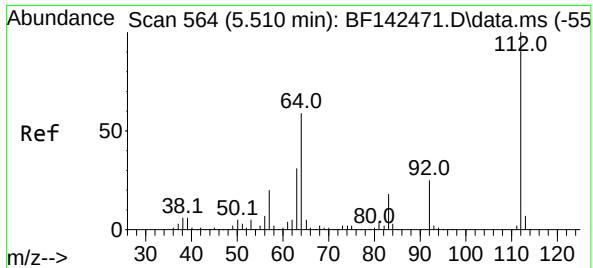
Tgt Ion: 79 Resp: 292099
Ion Ratio Lower Upper
79 100
52 84.6 69.2 103.8
51 40.4 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 42.253 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.071 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion: 42 Resp: 159374
Ion Ratio Lower Upper
42 100
74 116.6 88.2 132.4
44 7.3 5.4 8.2

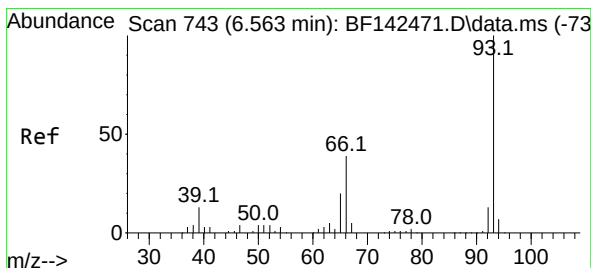
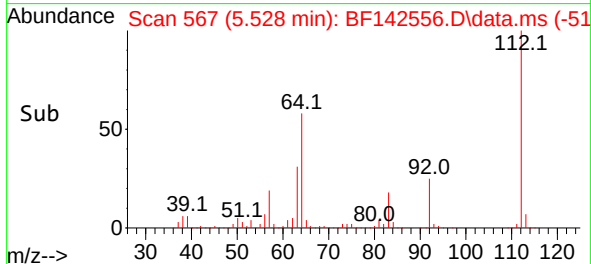
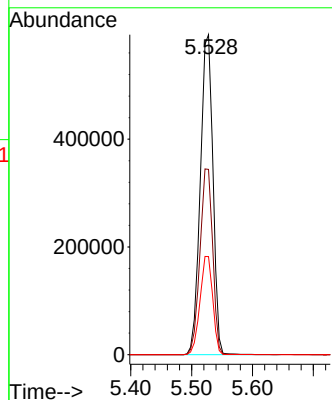
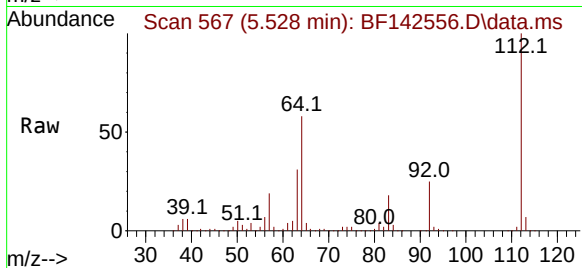




#5
2-Fluorophenol
Concen: 120.136 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

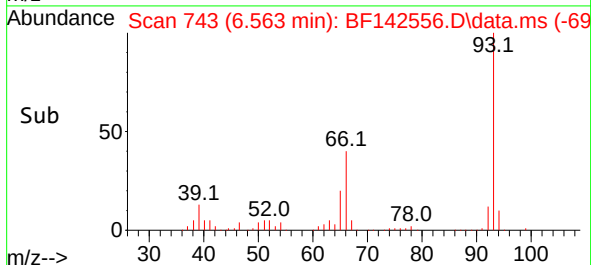
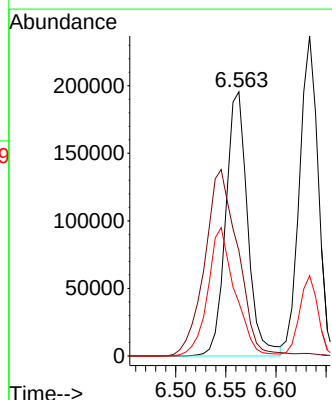
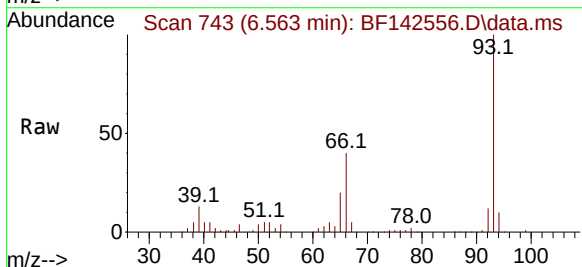
Instrument :
BNA_F
ClientSampleId :
PB168143BS

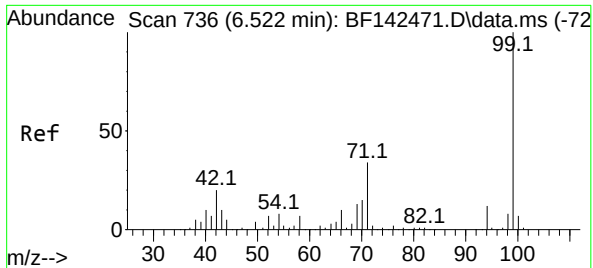
Tgt Ion:112 Resp: 856446
Ion Ratio Lower Upper
112 100
64 57.9 47.5 71.3
63 30.7 24.9 37.3



#6
Aniline
Concen: 25.704 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion: 93 Resp: 296587
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 20.2 16.1 24.1

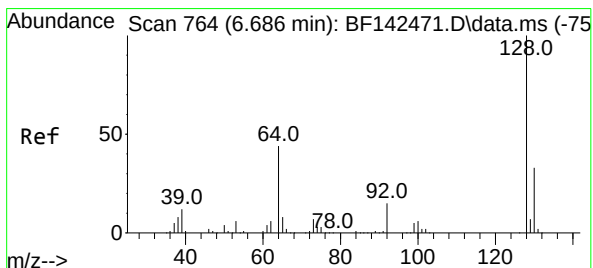
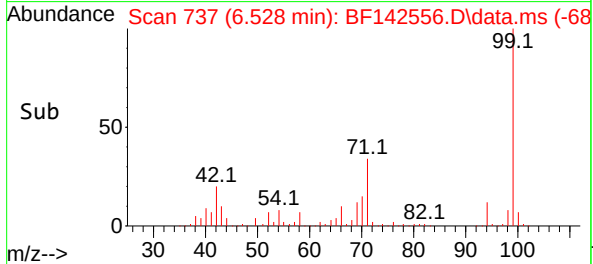
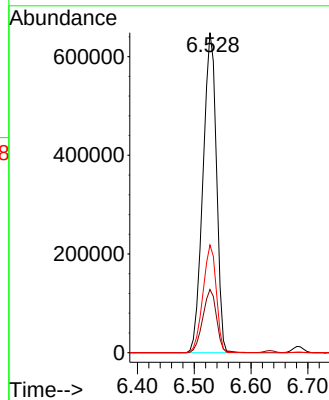
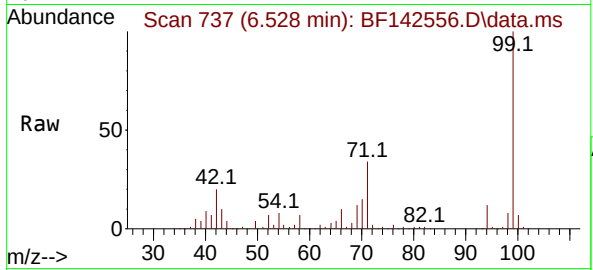




#7
Phenol-d6
Concen: 124.207 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

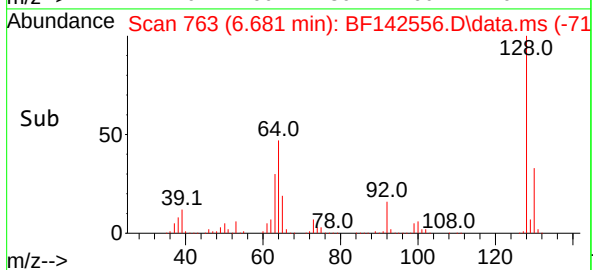
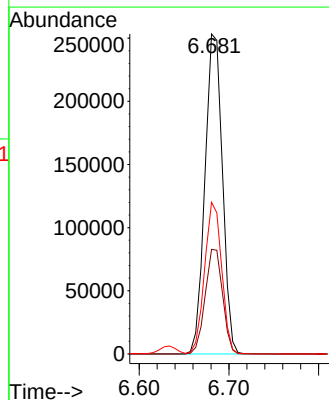
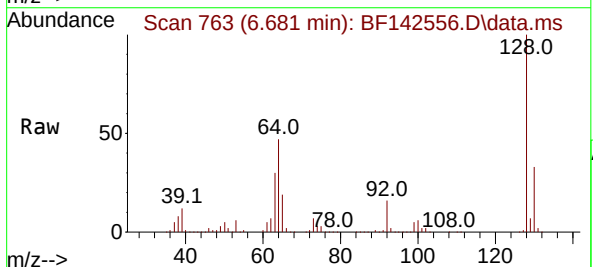
Instrument :
BNA_F
ClientSampleId :
PB168143BS

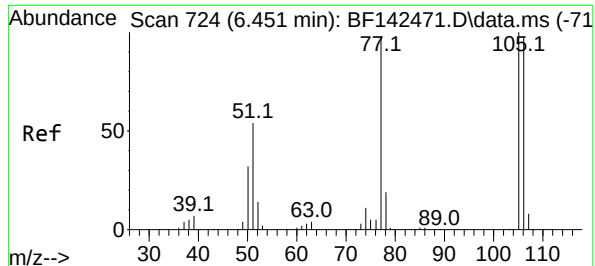
Tgt Ion: 99 Resp: 1065890
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.6 27.3 40.9



#8
2-Chlorophenol
Concen: 44.183 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion: 128 Resp: 343078
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 47.4 25.1 65.1





#9

Benzaldehyde

Concen: 38.414 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

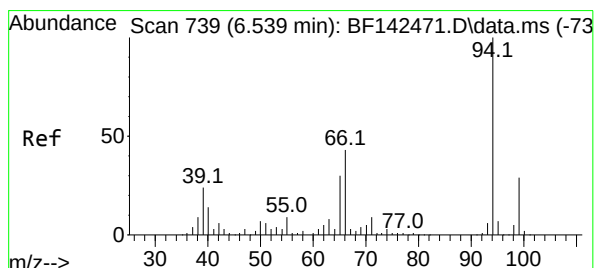
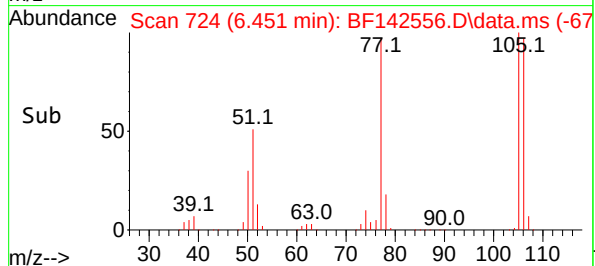
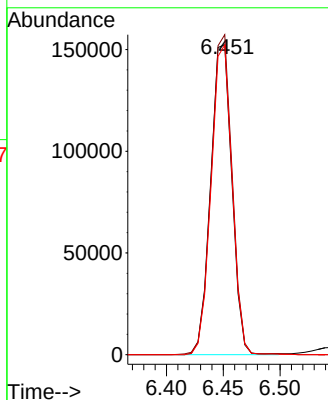
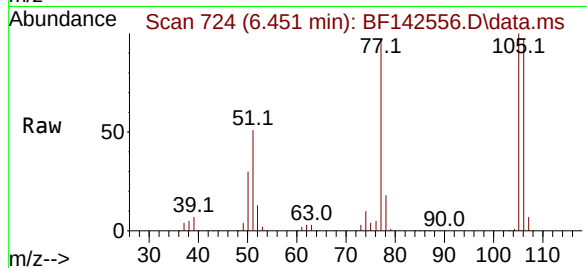
Tgt Ion: 77 Resp: 198272

Ion Ratio Lower Upper

77 100

105 103.2 82.5 122.5

106 99.9 80.0 120.0



#10

Phenol

Concen: 42.545 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

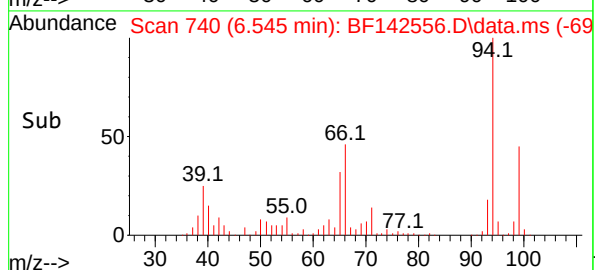
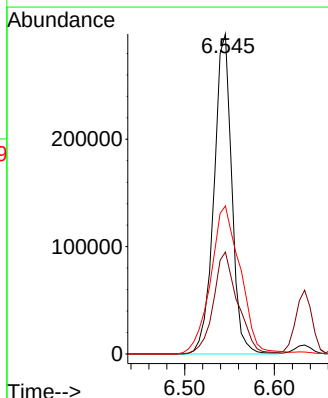
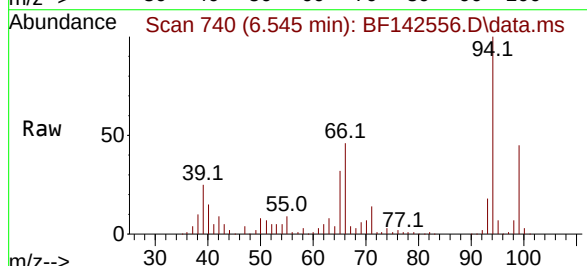
Tgt Ion: 94 Resp: 410821

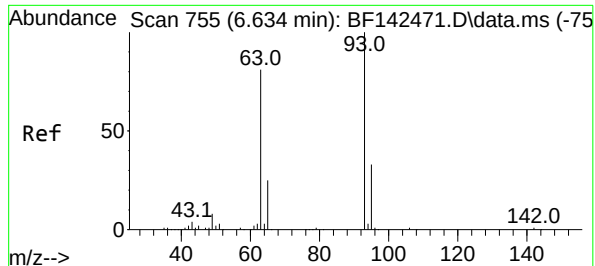
Ion Ratio Lower Upper

94 100

65 31.9 10.3 50.3

66 46.3 22.6 62.6

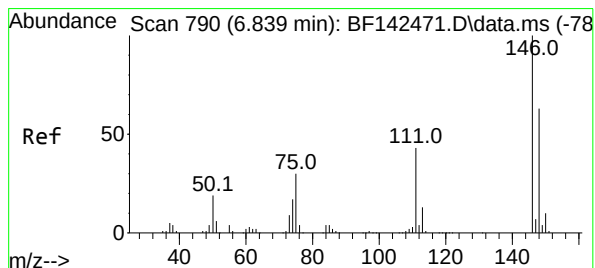
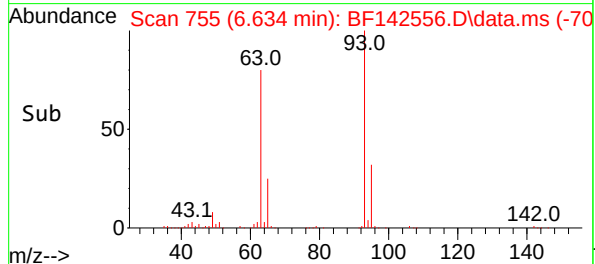
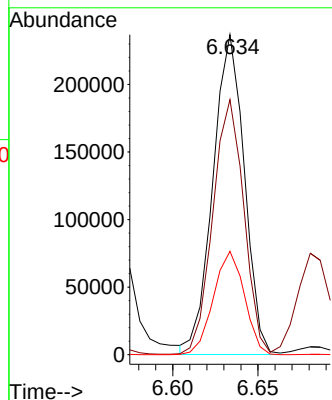
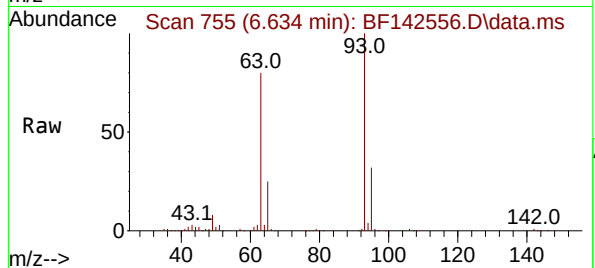




#11
bis(2-Chloroethyl)ether
Concen: 43.765 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

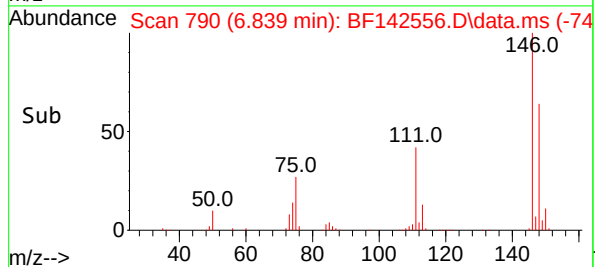
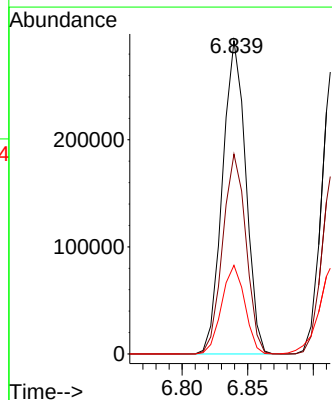
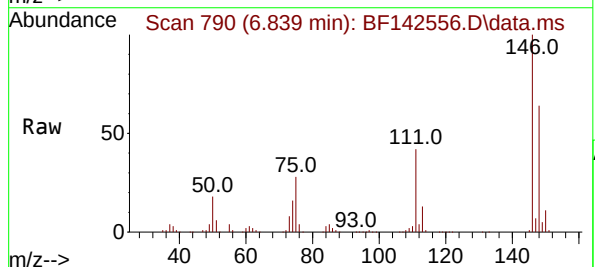
Instrument :
BNA_F
ClientSampleId :
PB168143BS

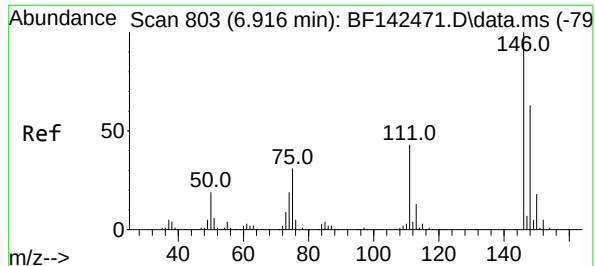
Tgt Ion: 93 Resp: 304203
Ion Ratio Lower Upper
93 100
63 79.7 60.2 100.2
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.632 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion: 146 Resp: 360722
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 28.3 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 41.977 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

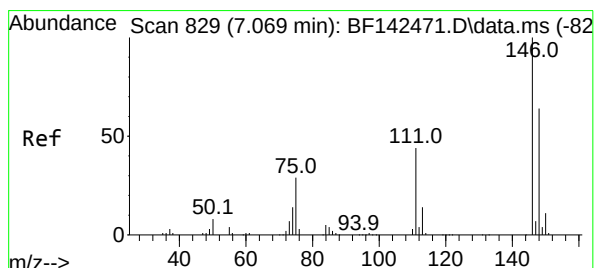
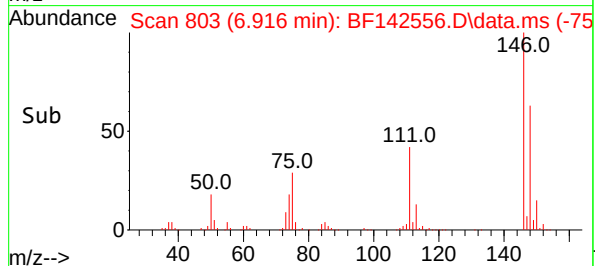
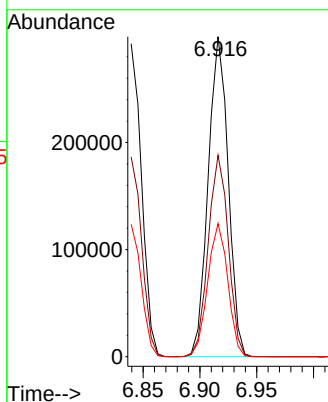
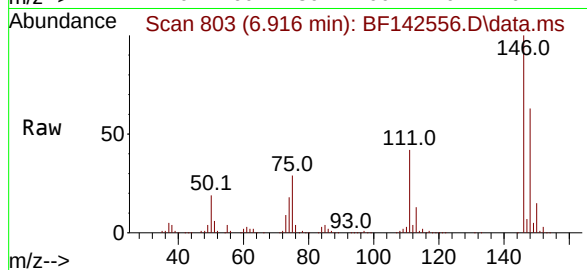
Tgt Ion:146 Resp: 366370

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 41.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.886 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

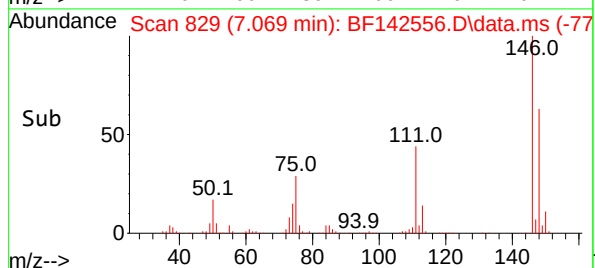
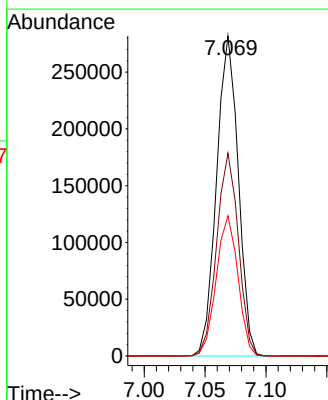
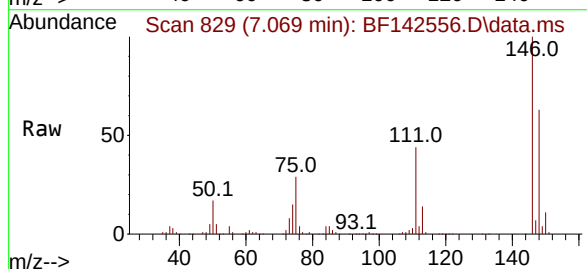
Tgt Ion:146 Resp: 349809

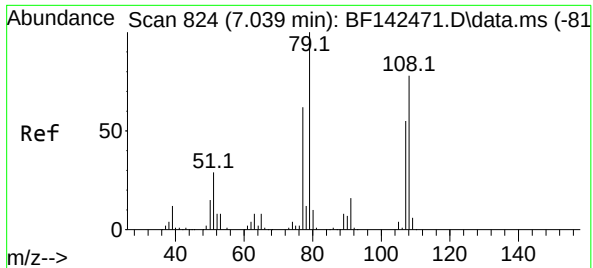
Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.4

111 43.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 44.273 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

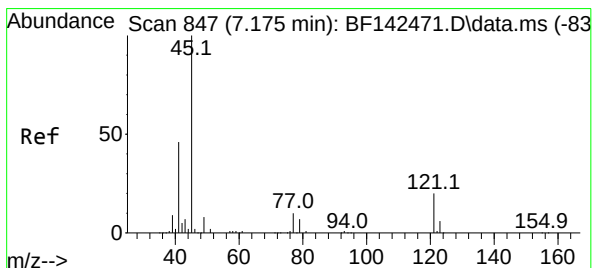
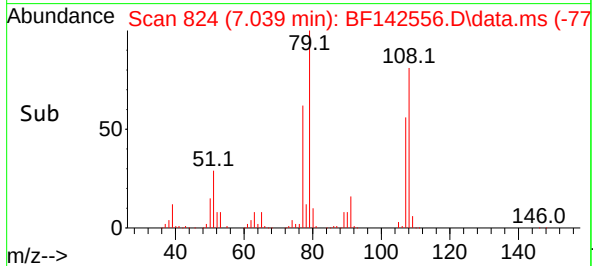
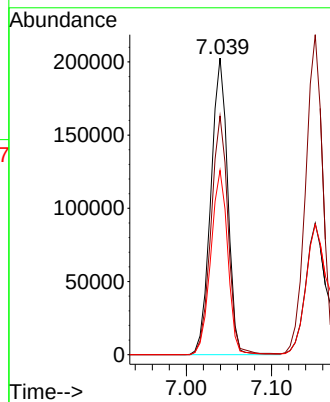
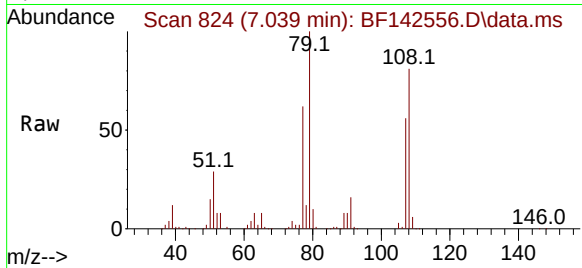
Tgt Ion: 79 Resp: 280767

Ion Ratio Lower Upper

79 100

108 80.5 62.1 93.1

77 62.1 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.617 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

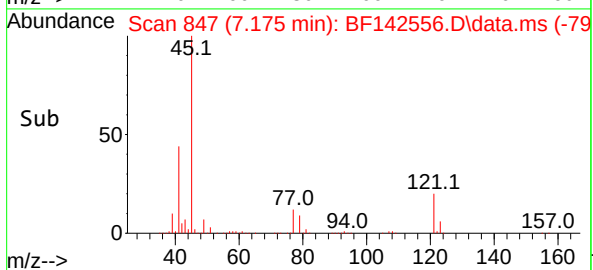
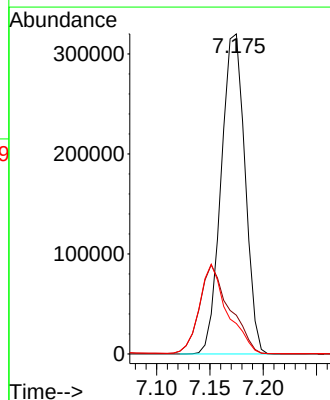
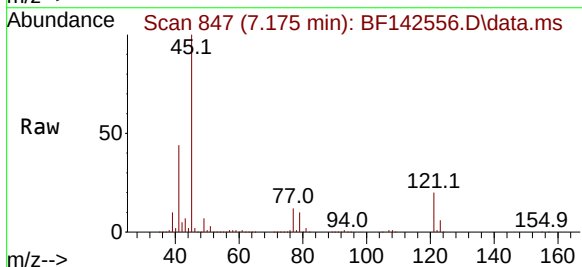
Tgt Ion: 45 Resp: 497464

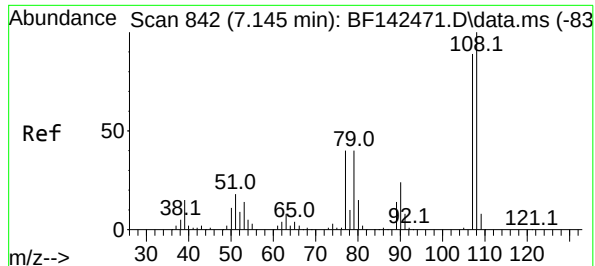
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.0

79 9.5 0.0 29.2

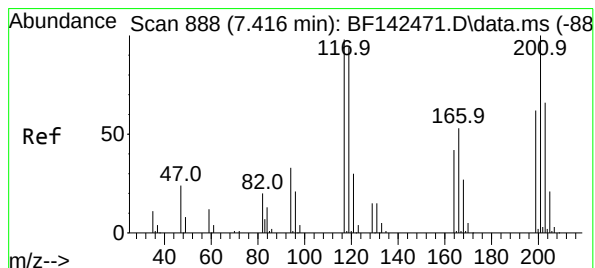
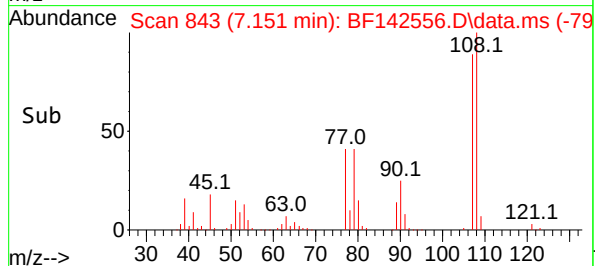
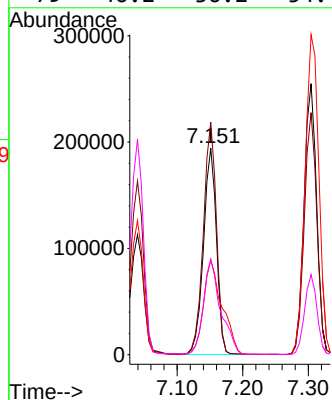
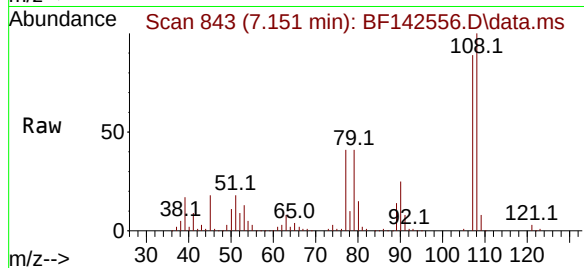




#17
2-Methylphenol
Concen: 44.348 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

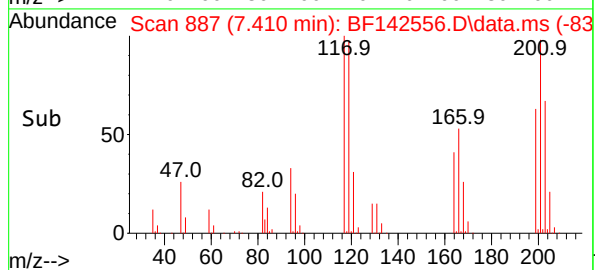
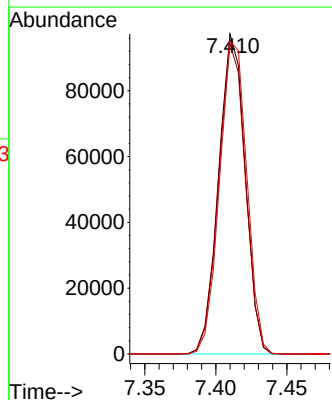
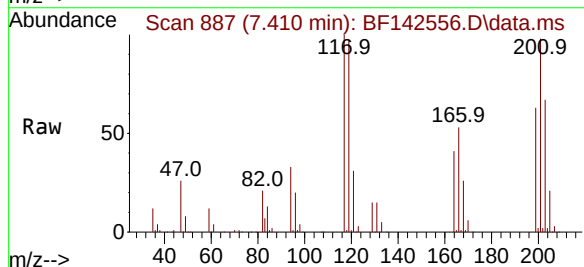
Instrument :
BNA_F
ClientSampleId :
PB168143BS

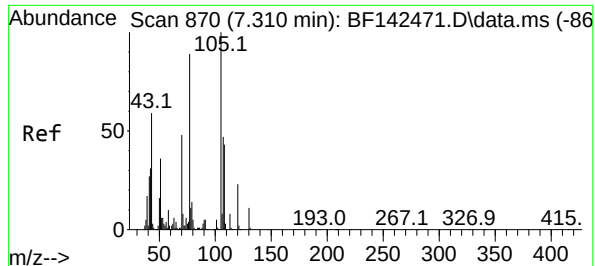
Tgt Ion:107 Resp: 268857
Ion Ratio Lower Upper
107 100
108 112.5 90.2 135.2
77 45.9 36.1 54.1
79 46.2 36.2 54.4



#18
Hexachloroethane
Concen: 41.553 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:117 Resp: 126639
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8
201 97.7 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.984 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

Tgt Ion: 70 Resp: 223290

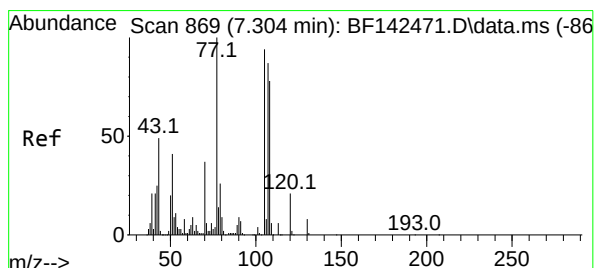
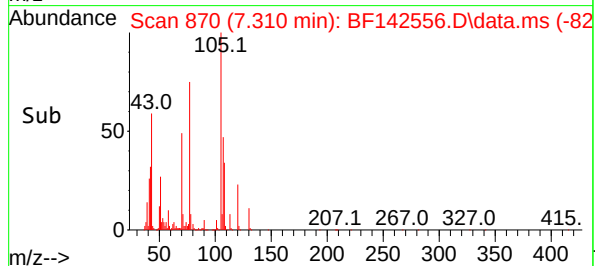
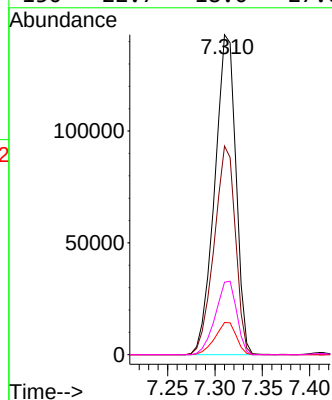
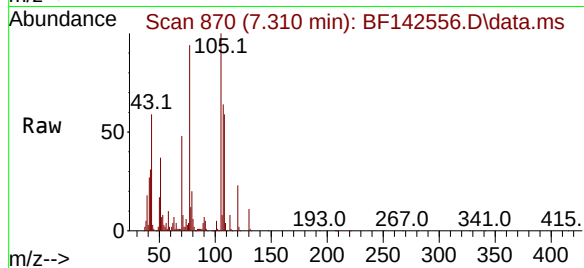
Ion Ratio Lower Upper

70 100

42 65.2 52.4 78.6

101 10.1 7.8 11.8

130 22.7 18.0 27.0



#20

3+4-Methylphenols

Concen: 43.470 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Tgt Ion: 107 Resp: 337484

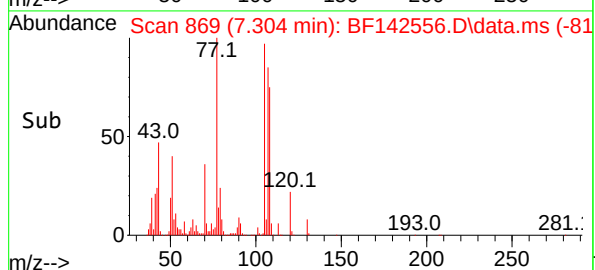
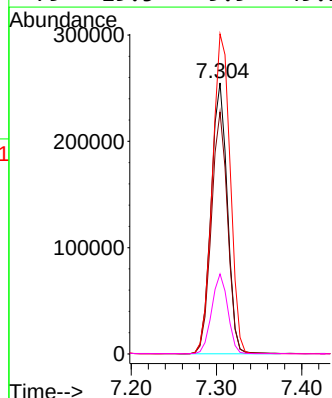
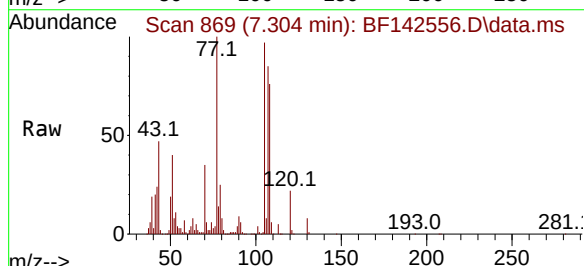
Ion Ratio Lower Upper

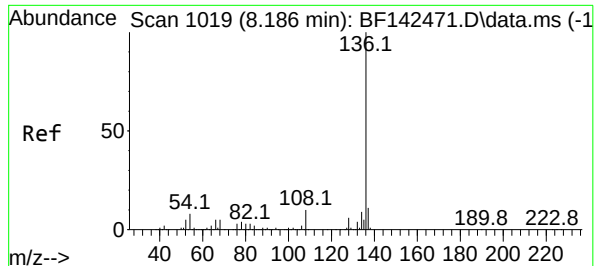
107 100

108 89.3 70.4 110.4

77 118.1 95.4 135.4

79 29.5 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

Tgt Ion:136 Resp: 472385

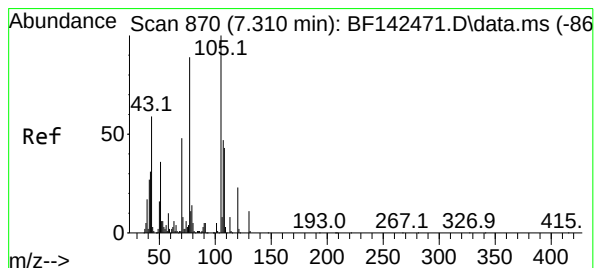
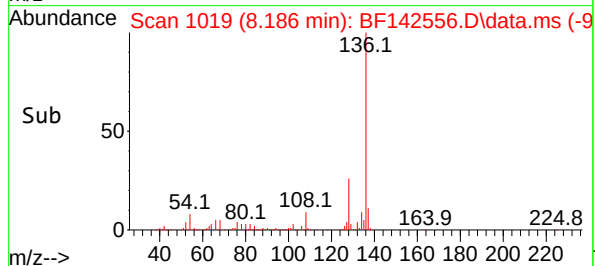
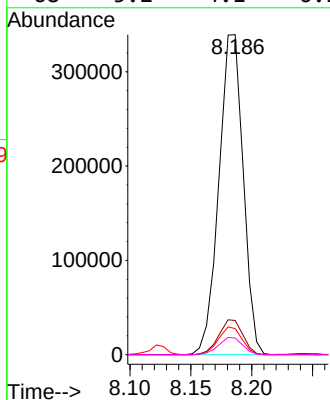
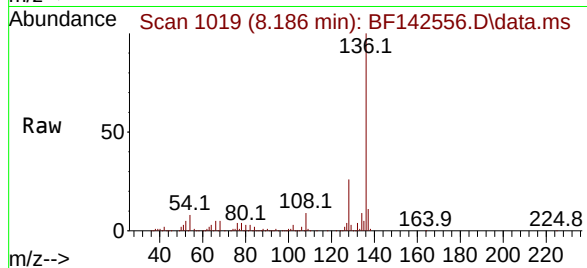
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.1 6.6 10.0

68 5.2 4.1 6.1



#22

Acetophenone

Concen: 42.453 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Tgt Ion:105 Resp: 443941

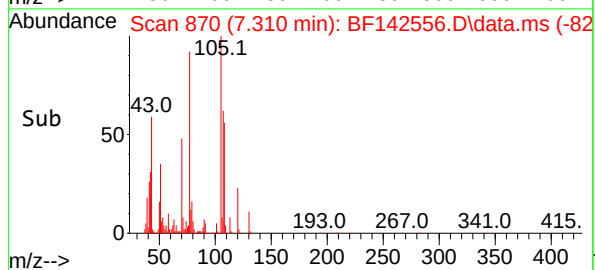
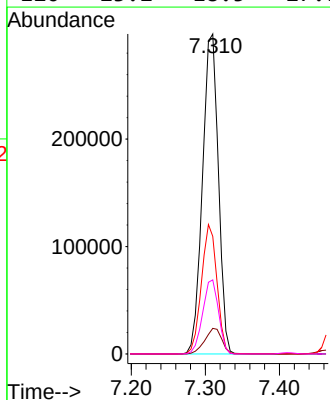
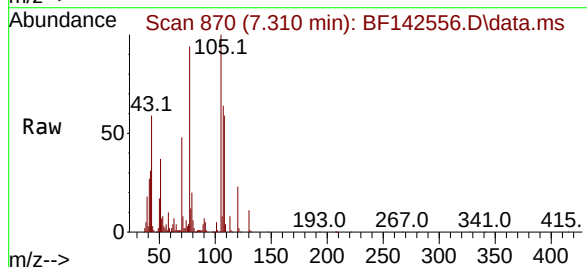
Ion Ratio Lower Upper

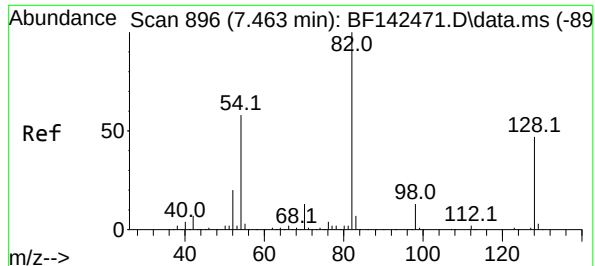
105 100

71 8.0 6.4 9.6

51 36.8 28.6 42.8

120 23.2 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.508 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

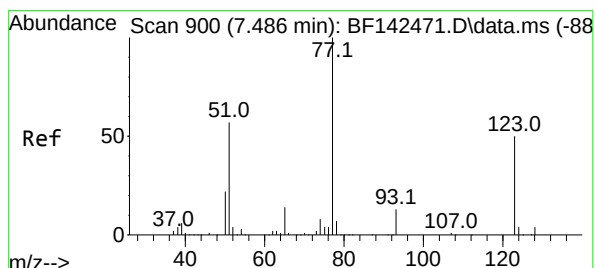
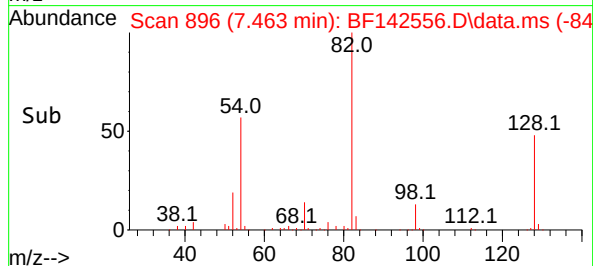
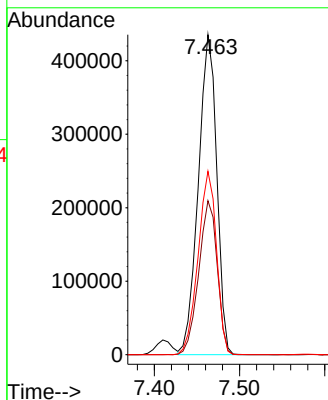
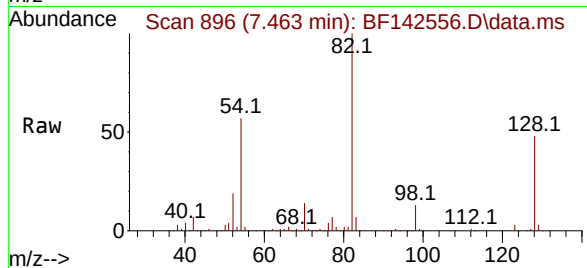
Tgt Ion: 82 Resp: 654131

Ion Ratio Lower Upper

82 100

128 48.1 37.4 56.2

54 57.3 46.6 70.0



#24

Nitrobenzene

Concen: 42.972 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

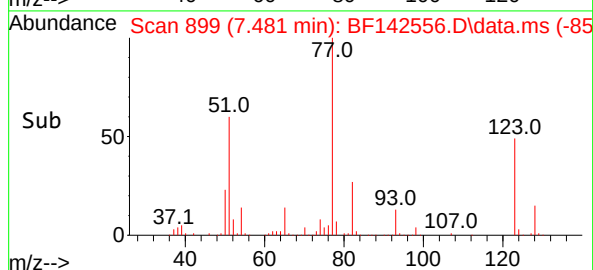
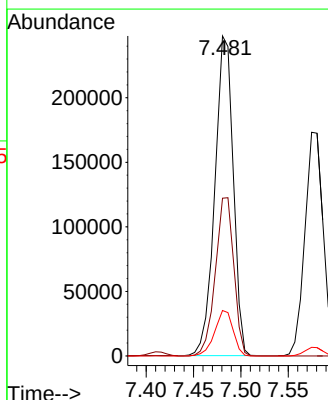
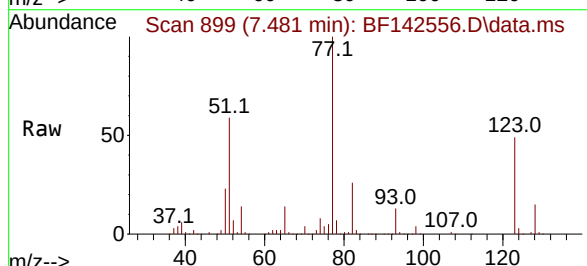
Tgt Ion: 77 Resp: 335756

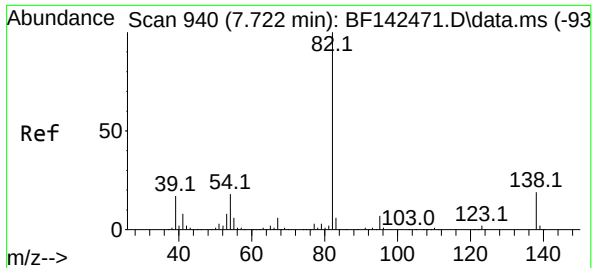
Ion Ratio Lower Upper

77 100

123 49.3 40.6 61.0

65 14.2 11.4 17.2

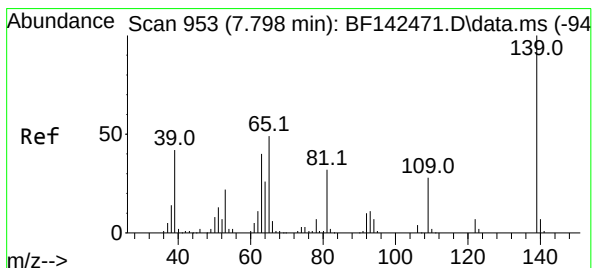
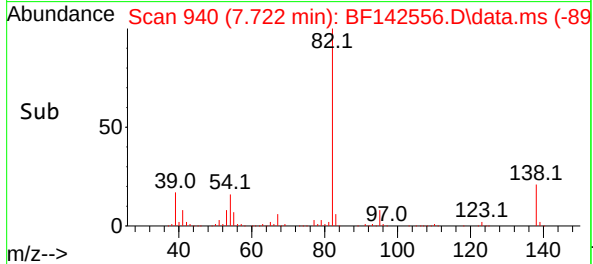
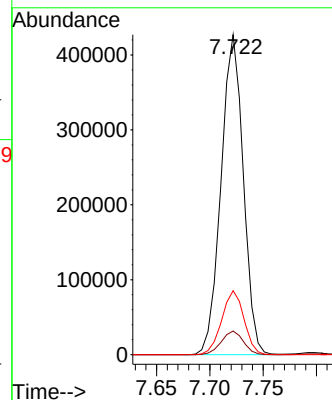
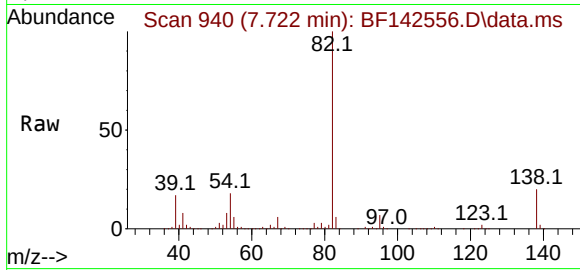




#25
Isophorone
Concen: 42.747 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

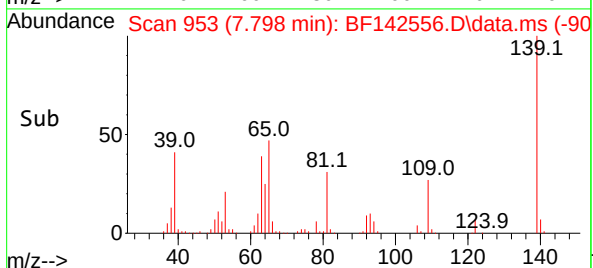
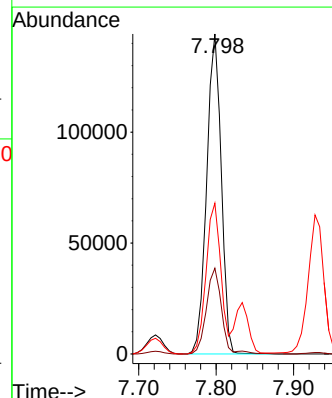
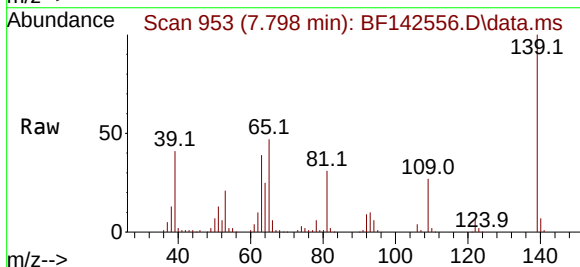
Instrument :
BNA_F
ClientSampleId :
PB168143BS

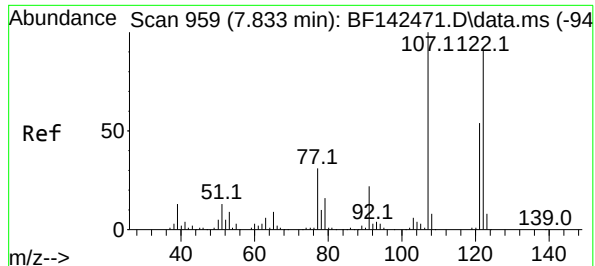
Tgt Ion: 82 Resp: 619154
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.0 15.5 23.3



#26
2-Nitrophenol
Concen: 45.068 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:139 Resp: 188155
Ion Ratio Lower Upper
139 100
109 26.8 22.6 33.8
65 47.1 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 44.280 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

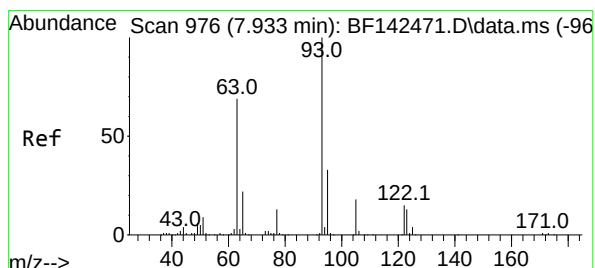
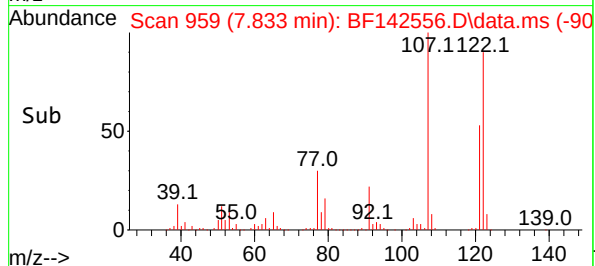
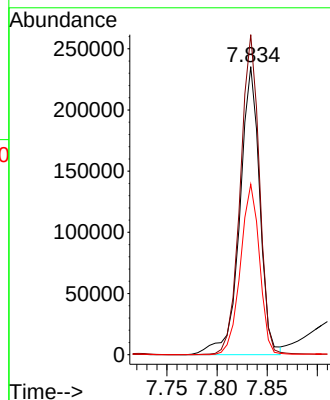
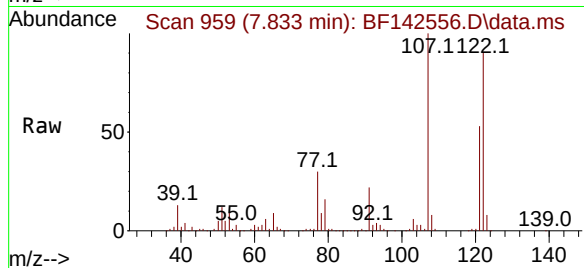
Tgt Ion:122 Resp: 326008

Ion Ratio Lower Upper

122 100

107 111.1 88.1 132.1

121 59.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.370 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

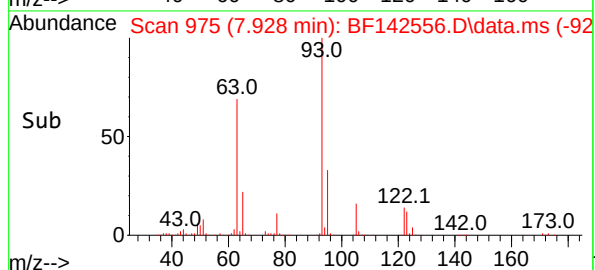
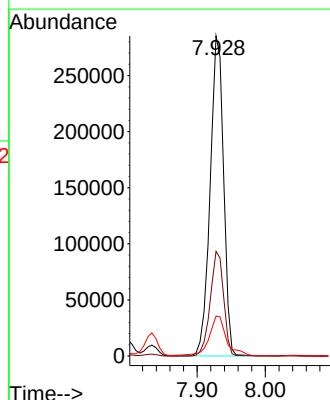
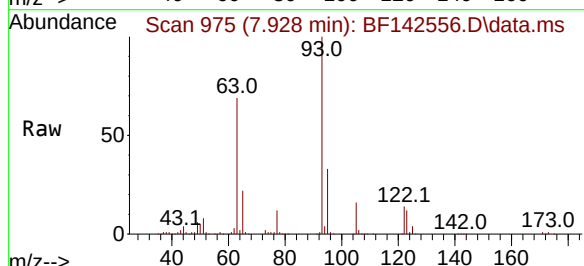
Tgt Ion: 93 Resp: 392401

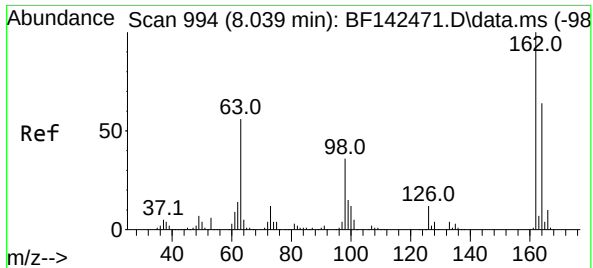
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.5 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 44.730 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

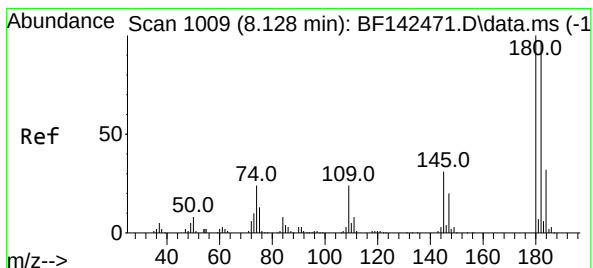
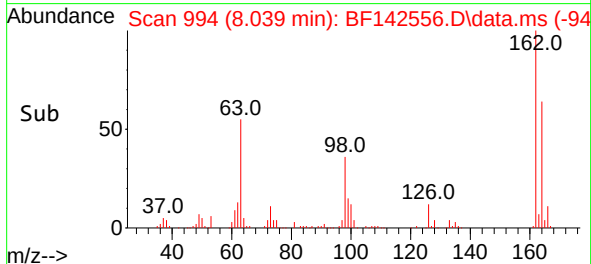
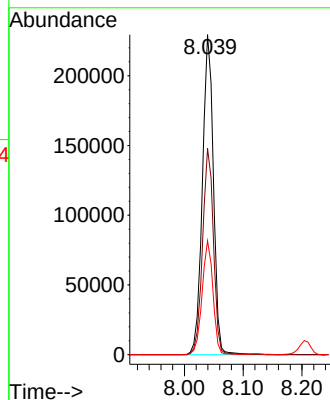
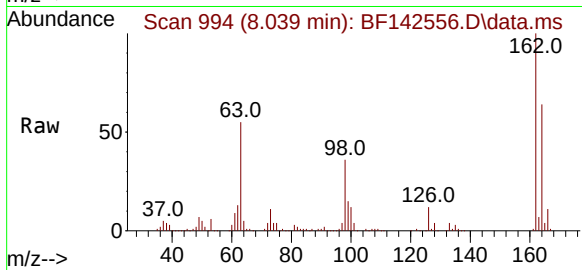
Tgt Ion:162 Resp: 299491

Ion Ratio Lower Upper

162 100

164 64.5 43.7 83.7

98 35.6 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 42.814 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

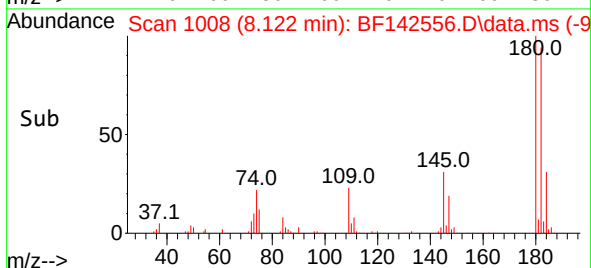
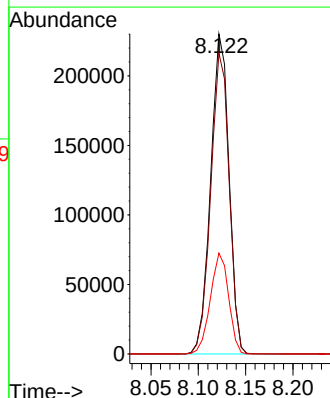
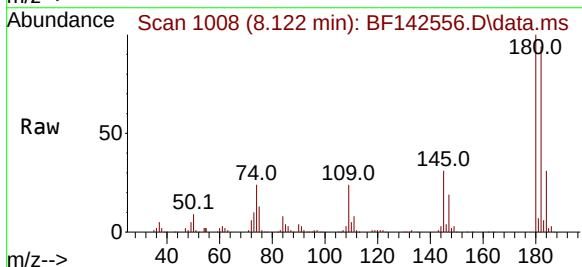
Tgt Ion:180 Resp: 311109

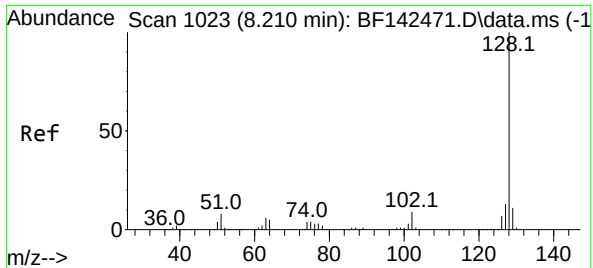
Ion Ratio Lower Upper

180 100

182 94.0 78.0 117.0

145 31.5 25.0 37.6





#31

Naphthalene

Concen: 42.367 ng

RT: 8.204 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

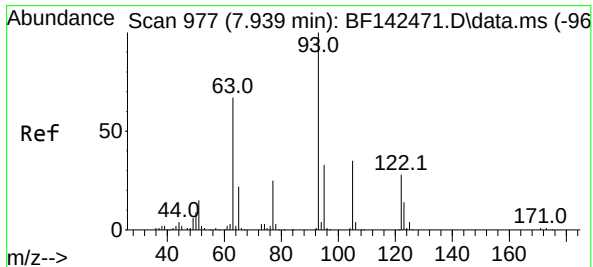
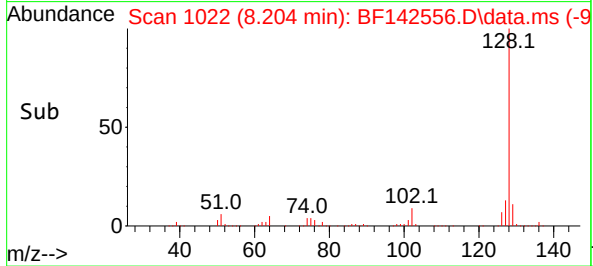
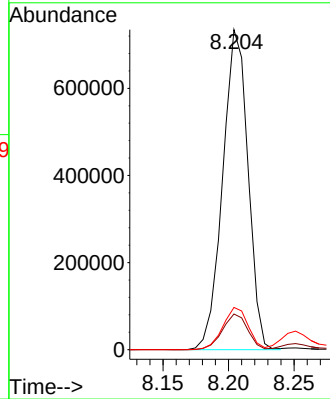
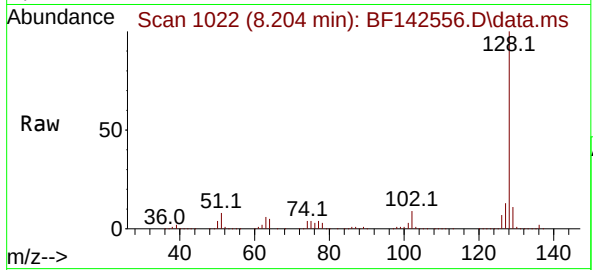
Tgt Ion:128 Resp: 985458

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 50.127 ng

RT: 7.957 min Scan# 980

Delta R.T. -0.018 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

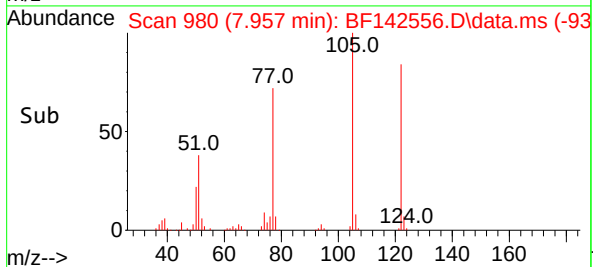
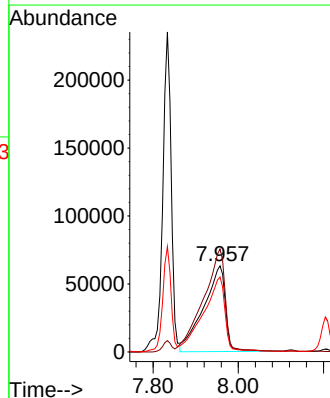
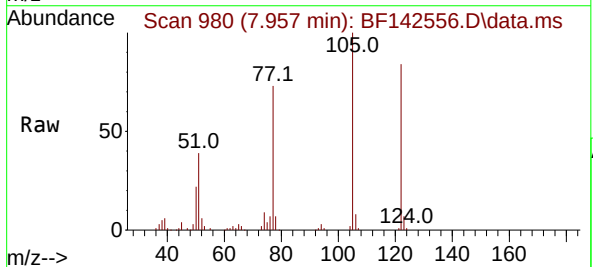
Tgt Ion:122 Resp: 224657

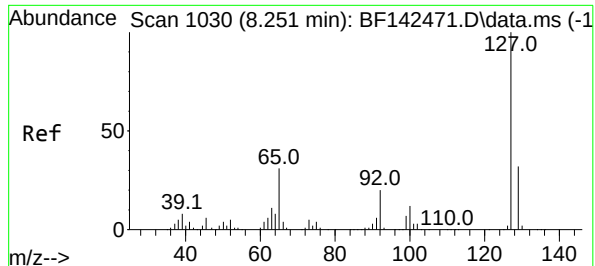
Ion Ratio Lower Upper

122 100

105 119.6 101.7 141.7

77 87.0 69.5 109.5





#33

4-Chloroaniline

Concen: 8.541 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

Tgt Ion:127 Resp: 80502

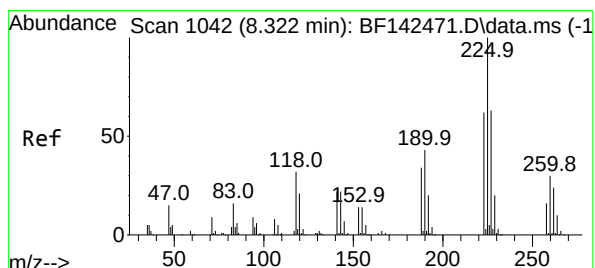
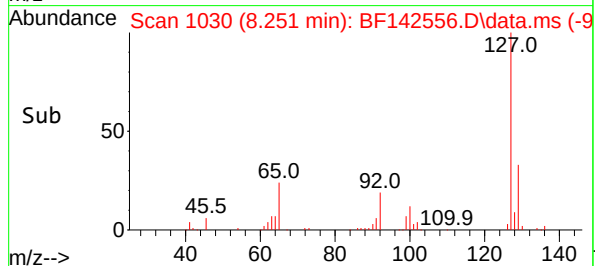
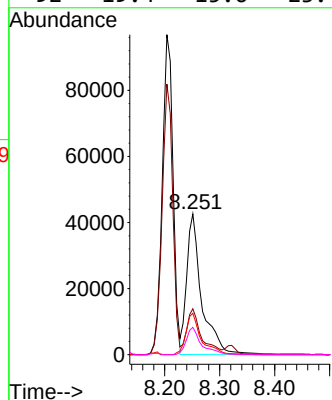
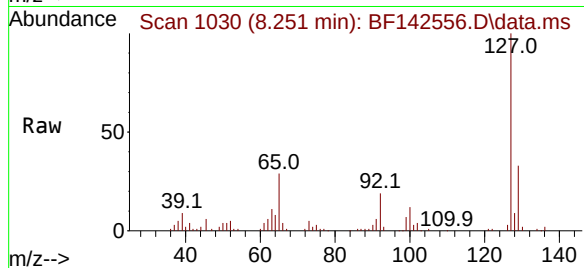
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 29.4 24.9 37.3

92 19.4 15.6 23.4



#34

Hexachlorobutadiene

Concen: 41.299 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

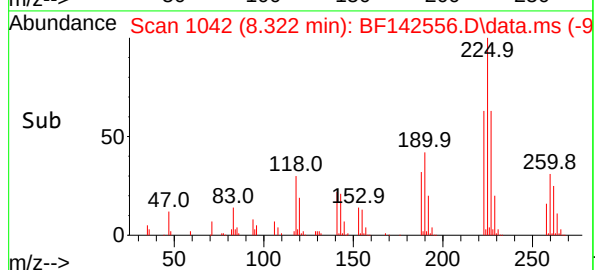
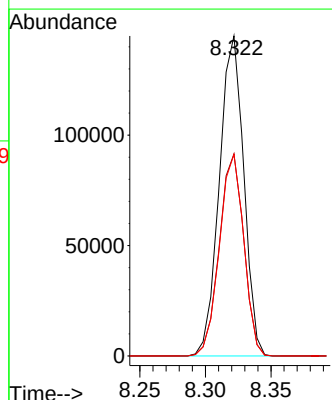
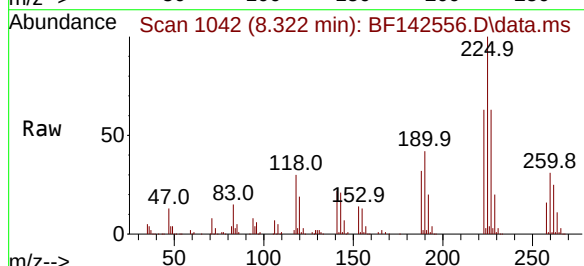
Tgt Ion:225 Resp: 187381

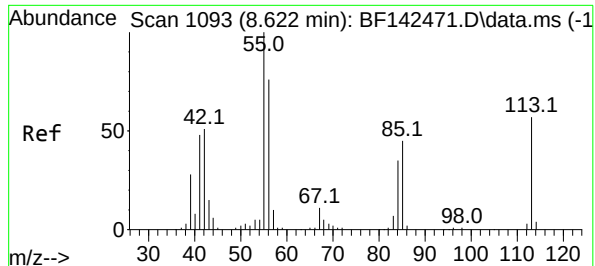
Ion Ratio Lower Upper

225 100

223 63.2 49.7 74.5

227 63.0 50.3 75.5





#35

Caprolactam

Concen: 51.082 ng m

RT: 8.628 min Scan# 1093

Delta R.T. -0.018 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

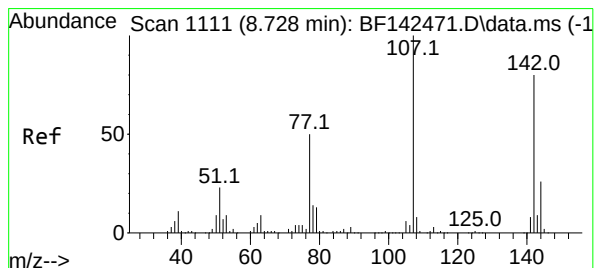
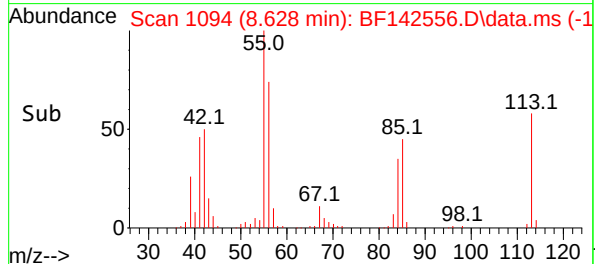
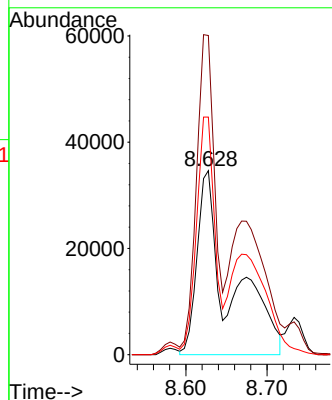
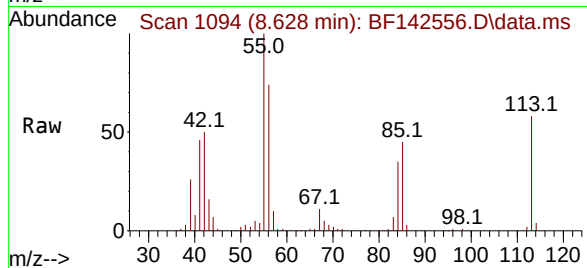
Tgt Ion:113 Resp: 96060

Ion Ratio Lower Upper

113 100

55 173.5 154.7 194.7

56 129.2 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 45.731 ng

RT: 8.733 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

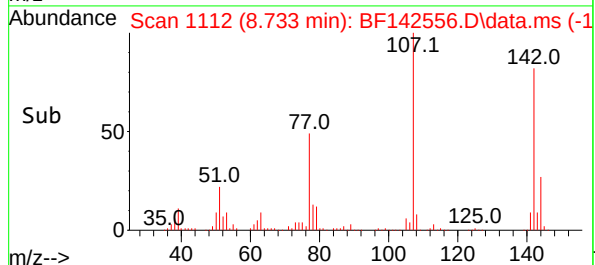
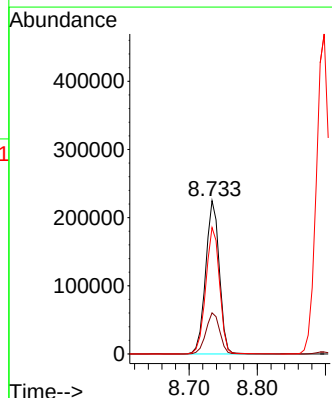
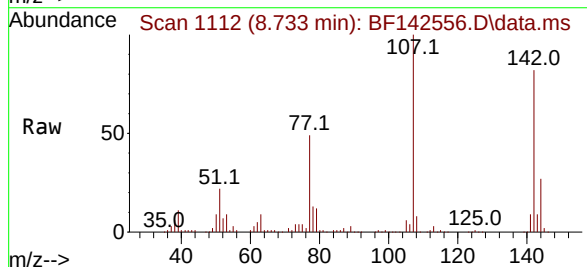
Tgt Ion:107 Resp: 313802

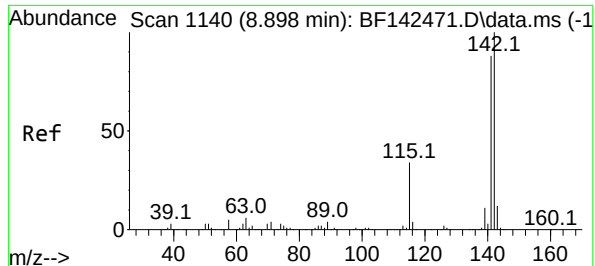
Ion Ratio Lower Upper

107 100

144 26.8 20.9 31.3

142 82.4 64.2 96.2





#37

2-Methylnaphthalene

Concen: 42.013 ng

RT: 8.898 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

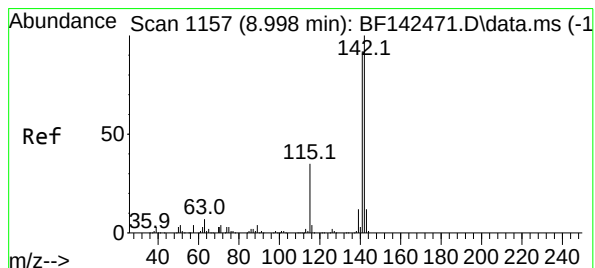
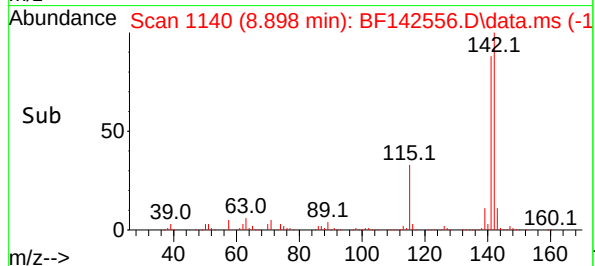
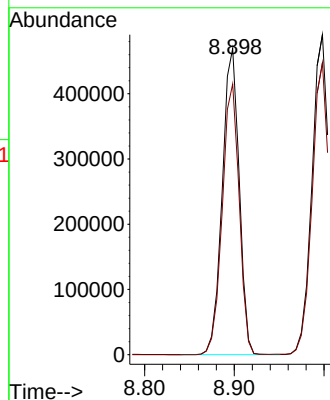
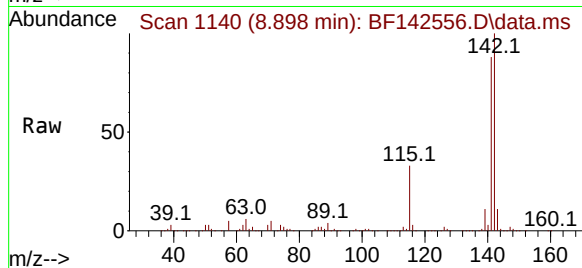
PB168143BS

Tgt Ion:142 Resp: 614795

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1



#38

1-Methylnaphthalene

Concen: 42.838 ng

RT: 8.998 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF142556.D

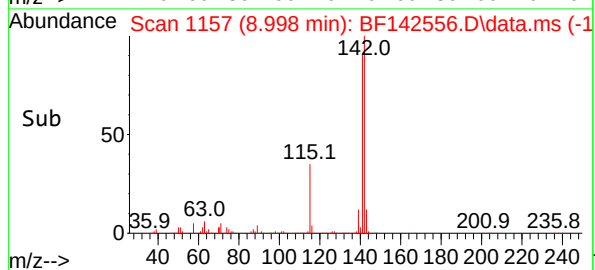
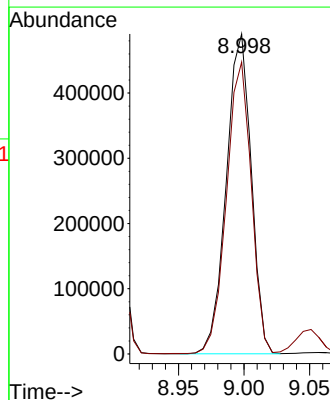
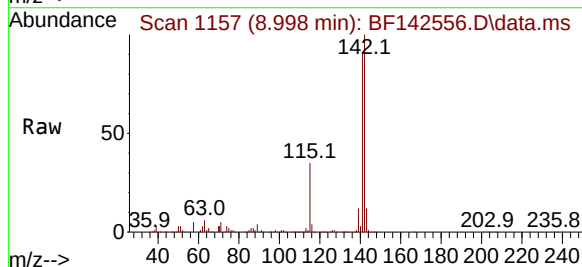
Acq: 27 May 2025 12:11

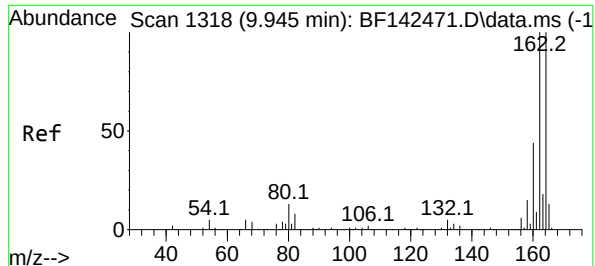
Tgt Ion:142 Resp: 648412

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

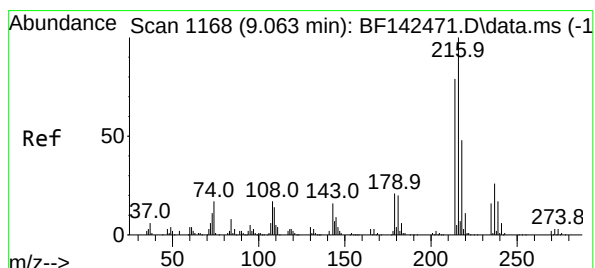
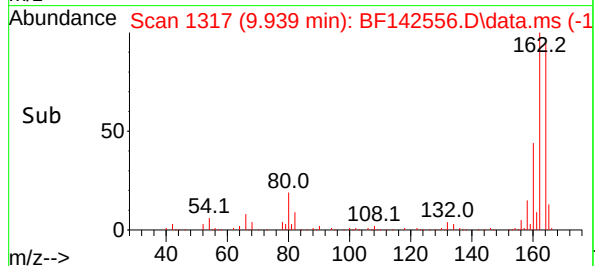
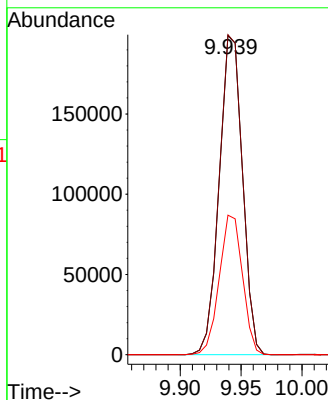
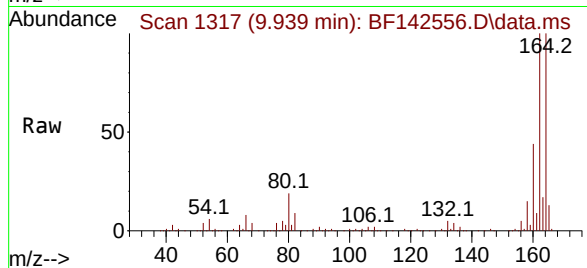
Tgt Ion:164 Resp: 264185

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

160 43.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.637 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Tgt Ion:216 Resp: 315760

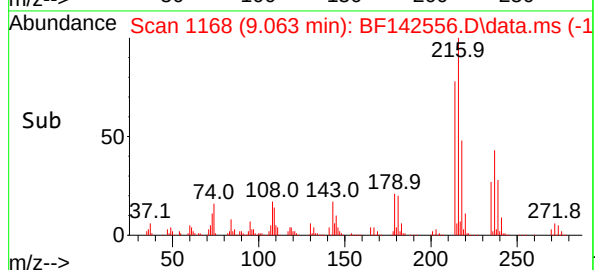
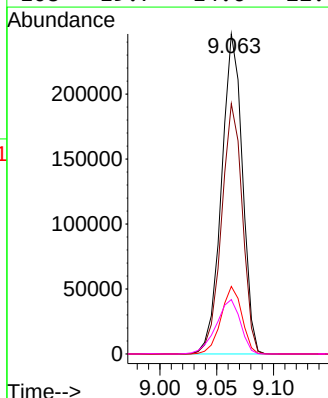
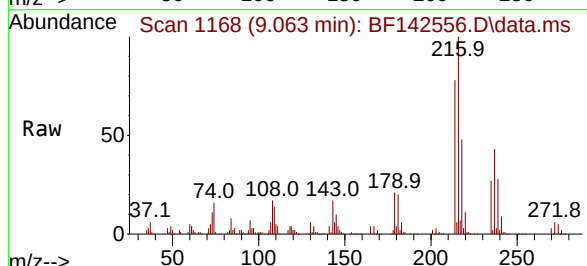
Ion Ratio Lower Upper

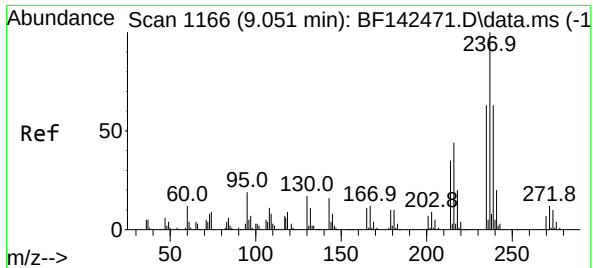
216 100

214 77.8 62.9 94.3

179 21.0 16.9 25.3

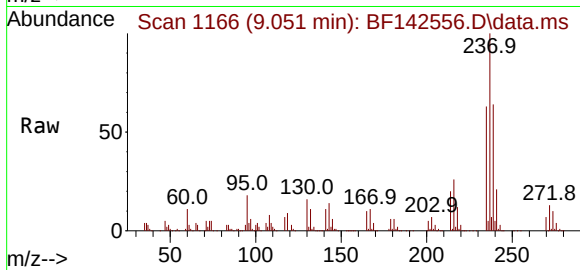
108 19.7 14.6 22.0



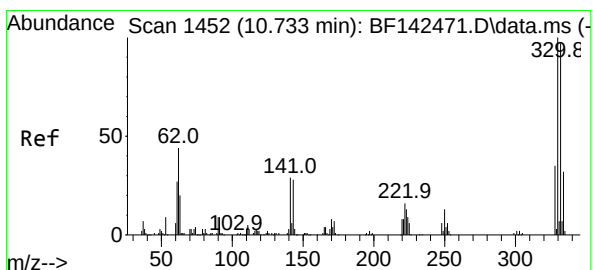
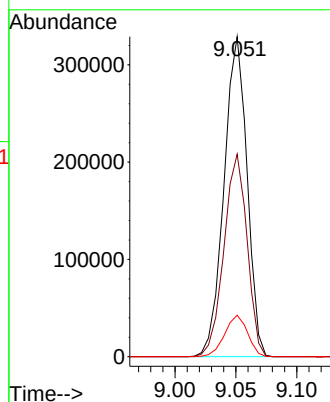
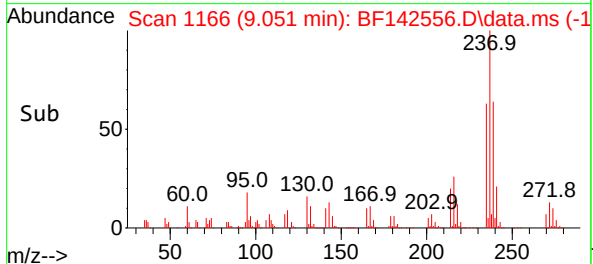


#41
Hexachlorocyclopentadiene
Concen: 84.697 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

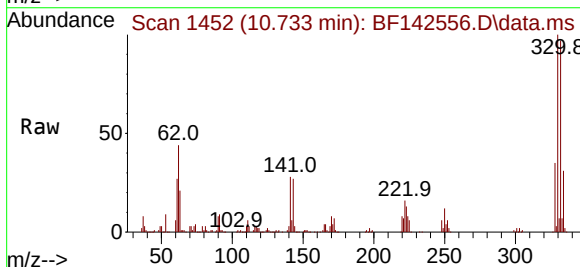
Instrument :
BNA_F
ClientSampleId :
PB168143BS



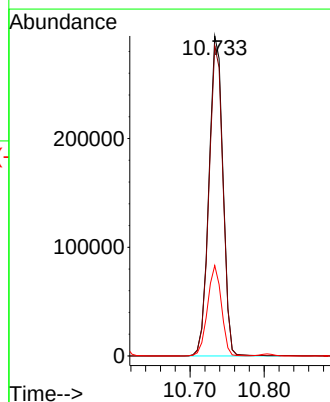
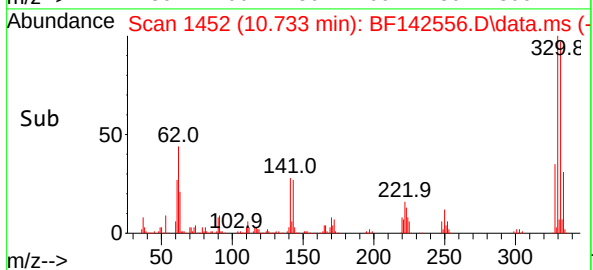
Tgt Ion:237 Resp: 433295
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 13.0 0.0 32.4

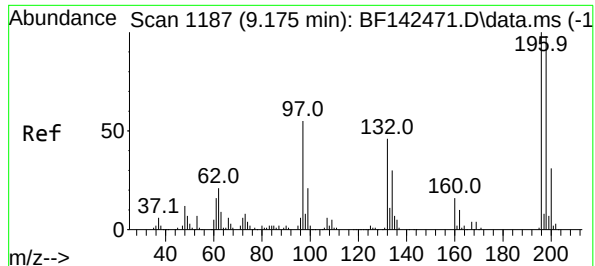


#42
2,4,6-Tribromophenol
Concen: 131.709 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11



Tgt Ion:330 Resp: 386188
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 28.1 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 43.698 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

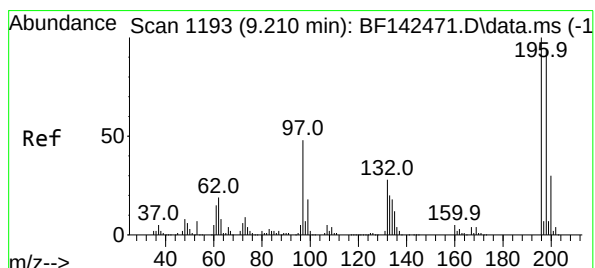
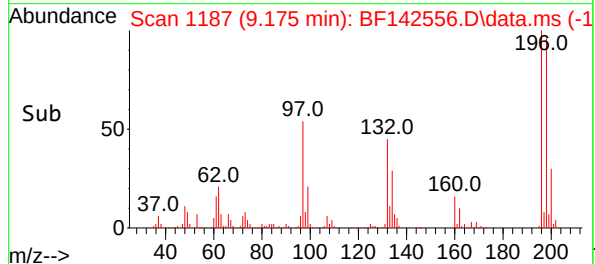
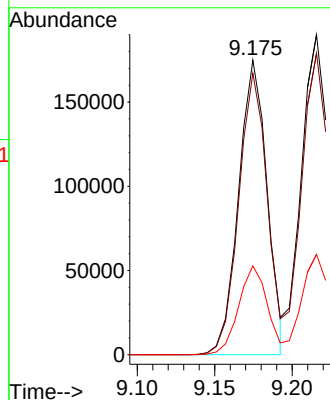
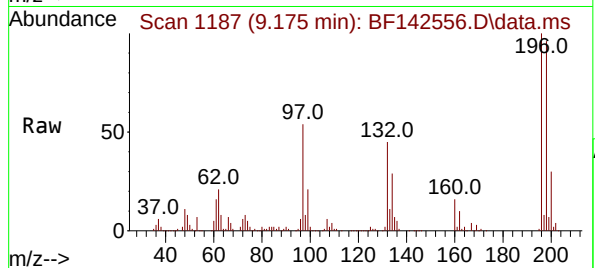
Tgt Ion:196 Resp: 223459

Ion Ratio Lower Upper

196 100

198 95.6 78.8 118.2

200 30.2 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 44.347 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Tgt Ion:196 Resp: 239172

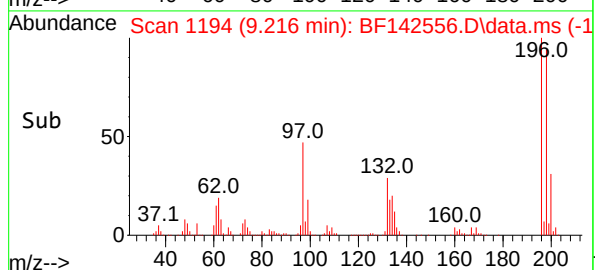
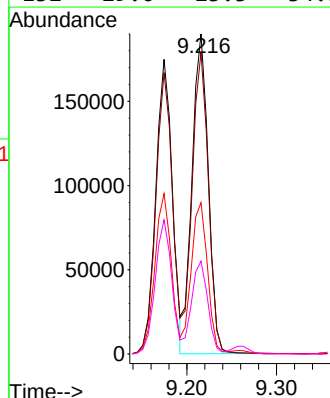
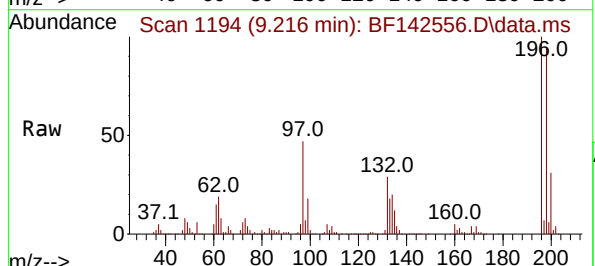
Ion Ratio Lower Upper

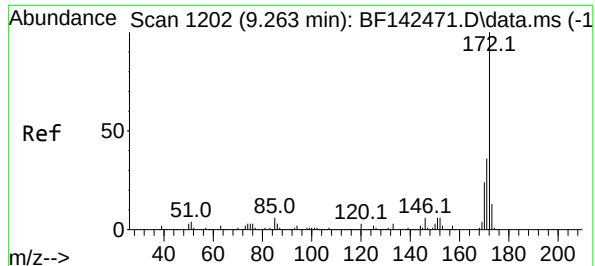
196 100

198 94.2 75.5 113.3

97 47.3 39.3 58.9

132 29.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.314 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

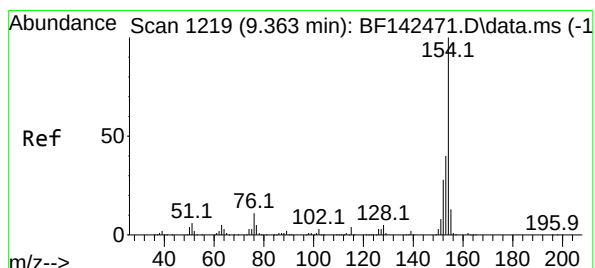
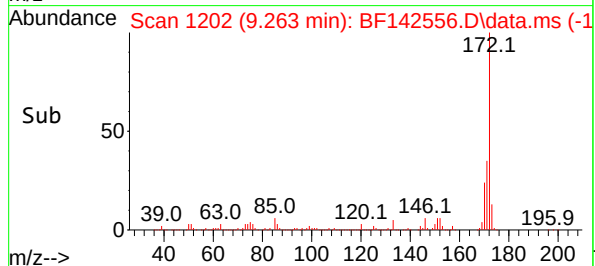
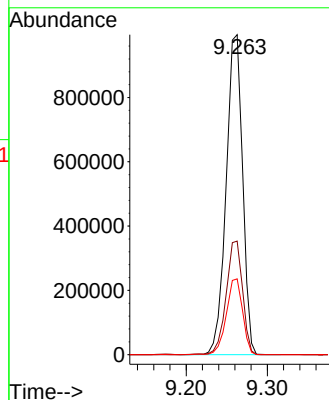
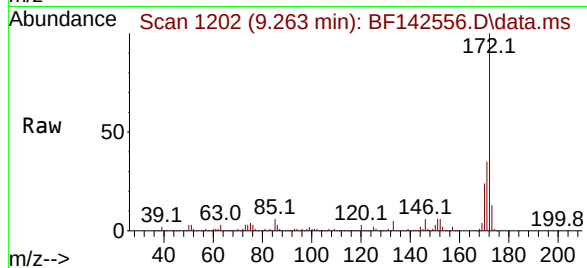
Tgt Ion:172 Resp: 1404017

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.737 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

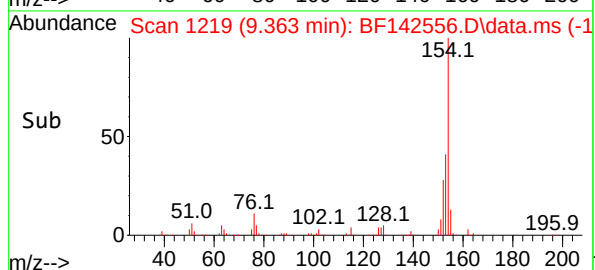
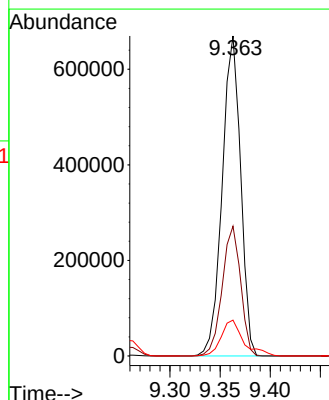
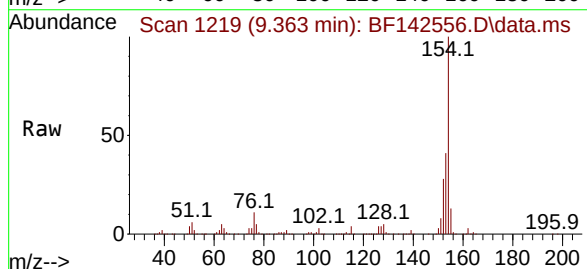
Tgt Ion:154 Resp: 855433

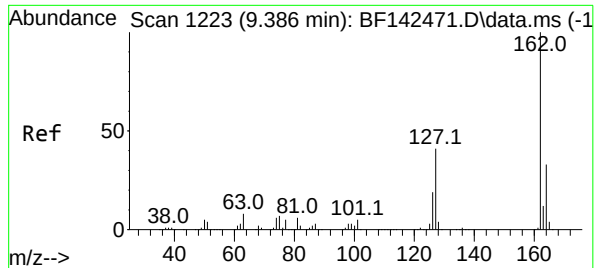
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.394 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

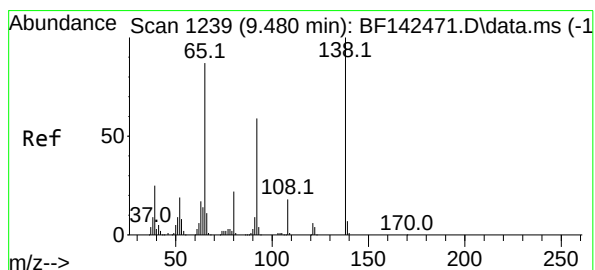
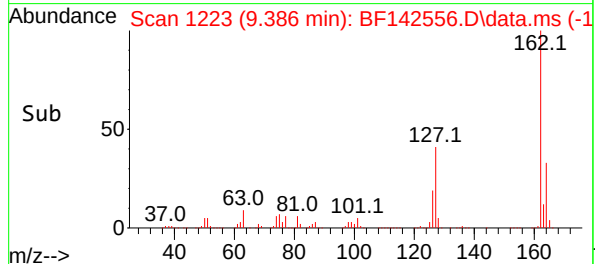
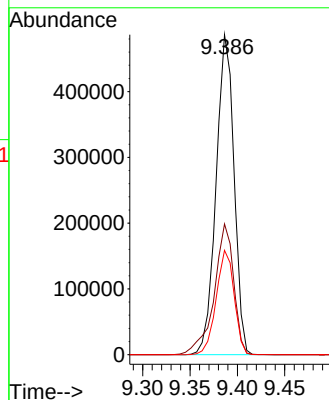
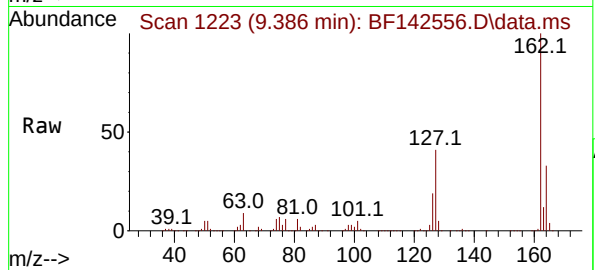
Tgt Ion:162 Resp: 641978

Ion Ratio Lower Upper

162 100

127 40.9 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 45.503 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

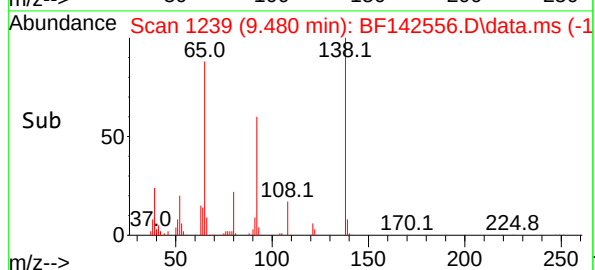
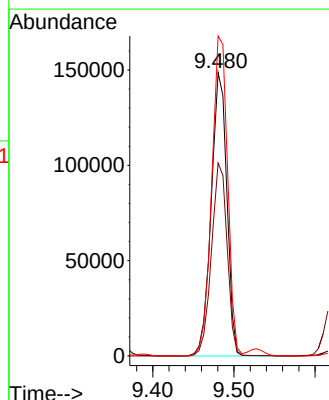
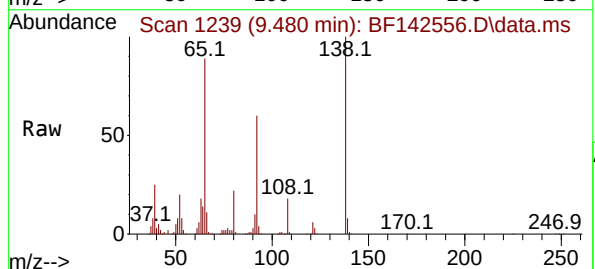
Tgt Ion: 65 Resp: 199170

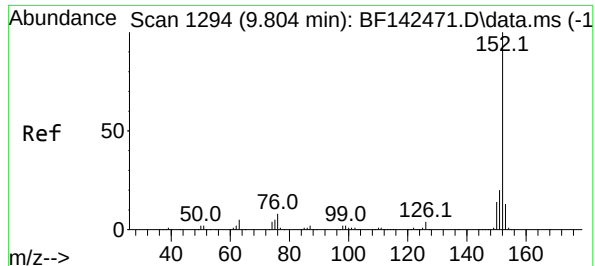
Ion Ratio Lower Upper

65 100

92 68.1 54.4 81.6

138 112.9 91.4 137.2





#49

Acenaphthylene

Concen: 42.433 ng

RT: 9.804 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

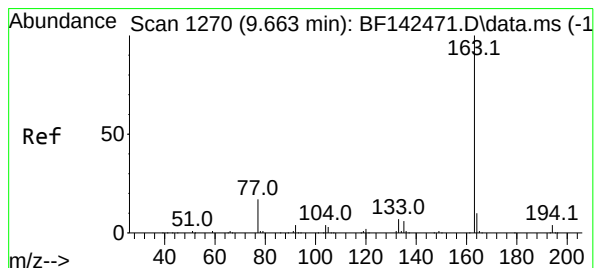
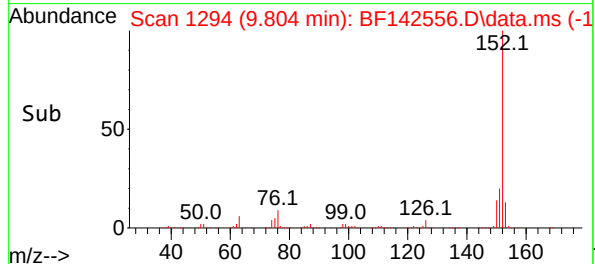
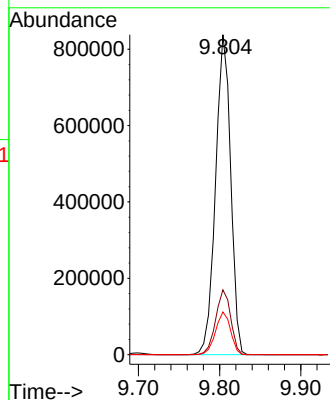
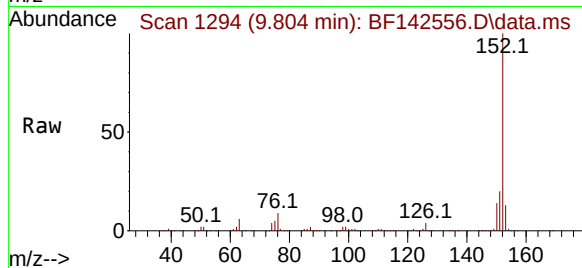
Tgt Ion:152 Resp: 1085030

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 45.233 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

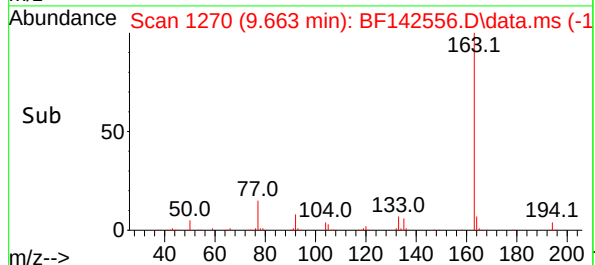
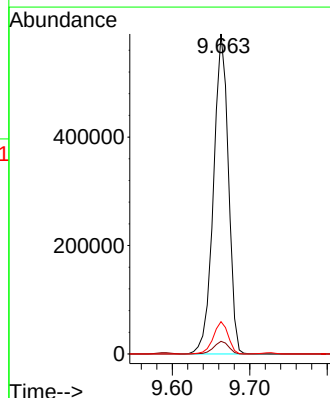
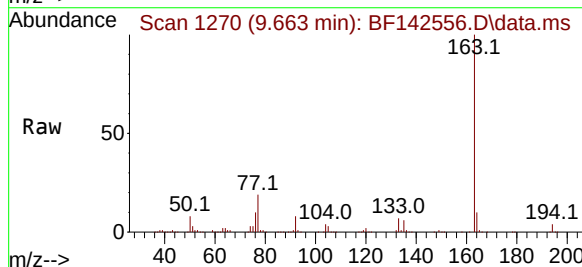
Tgt Ion:163 Resp: 788495

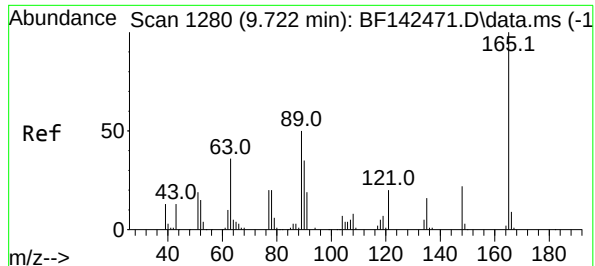
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.1 8.2 12.4

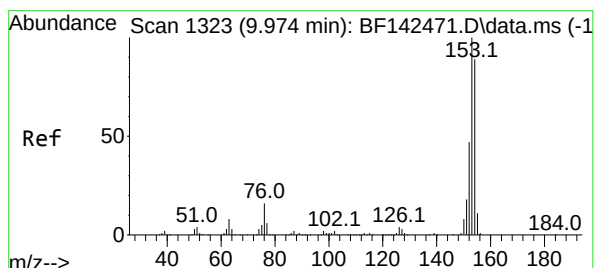
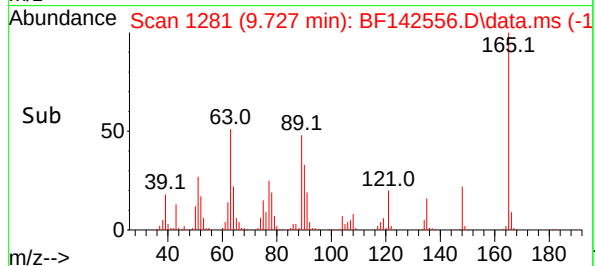
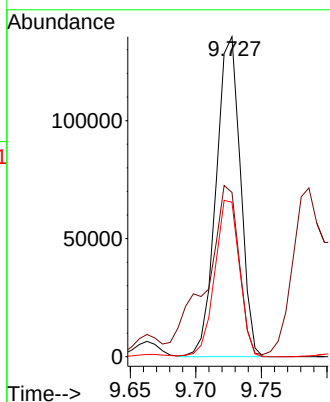
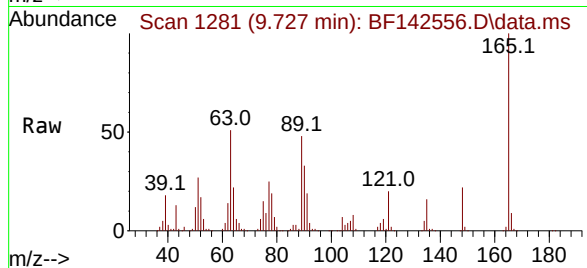




#51
2,6-Dinitrotoluene
Concen: 46.337 ng
RT: 9.727 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

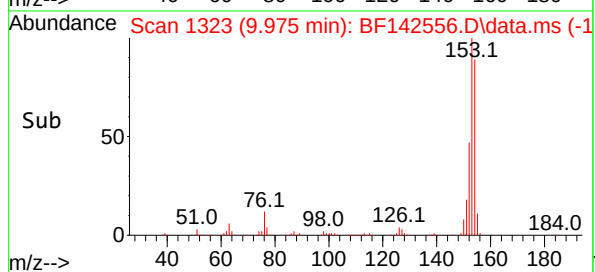
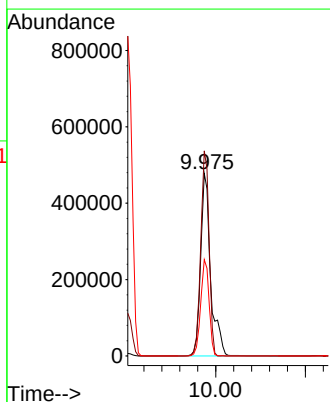
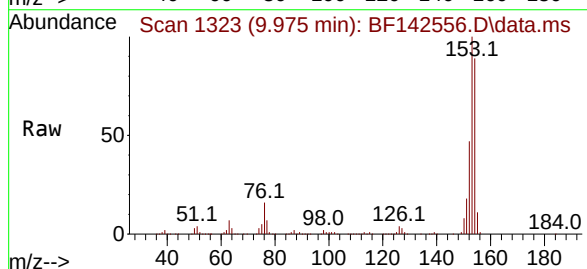
Instrument :
BNA_F
ClientSampleId :
PB168143BS

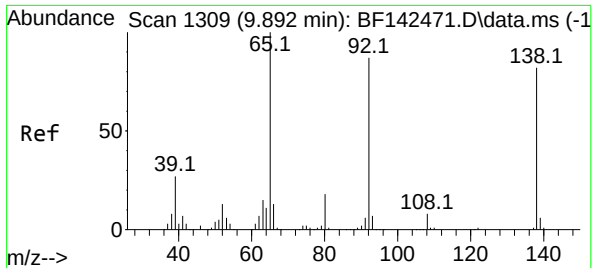
Tgt Ion:165 Resp: 174336
Ion Ratio Lower Upper
165 100
63 51.4 42.9 64.3
89 48.3 40.2 60.4



#52
Acenaphthene
Concen: 47.433 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:154 Resp: 740615
Ion Ratio Lower Upper
154 100
153 112.4 90.0 135.0
152 52.8 42.6 64.0

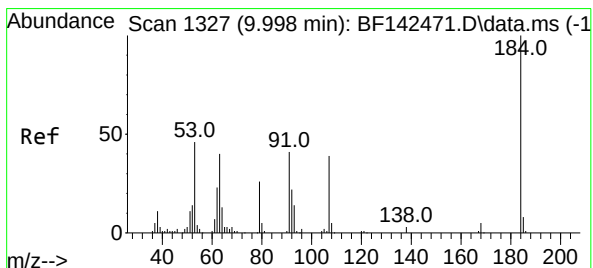
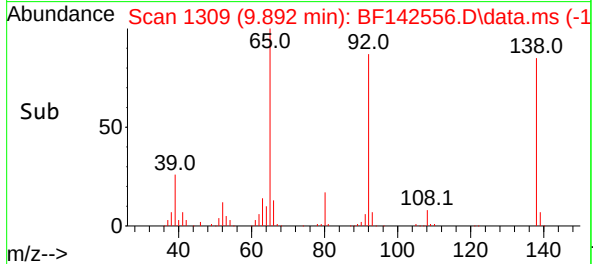
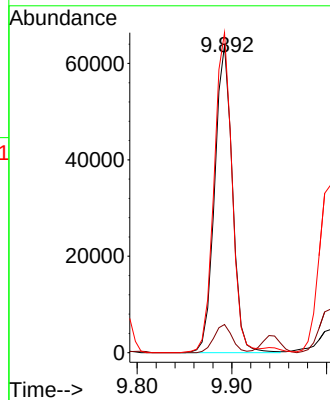
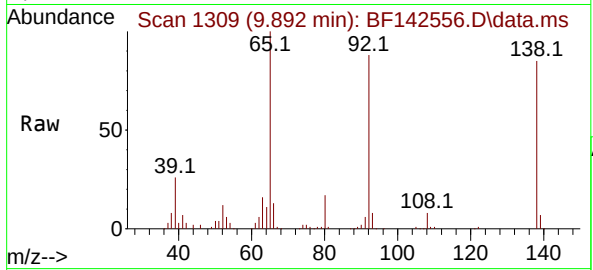




#53
3-Nitroaniline
Concen: 20.180 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

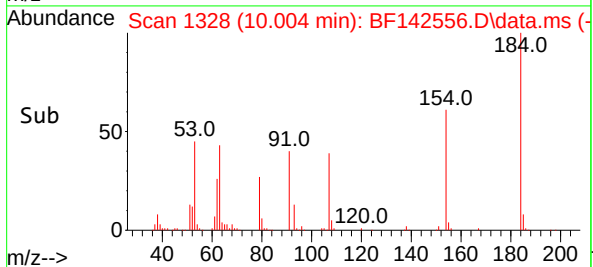
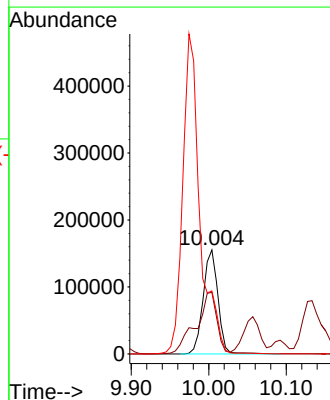
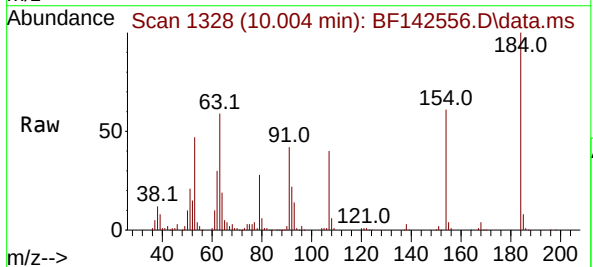
Instrument :
BNA_F
ClientSampleId :
PB168143BS

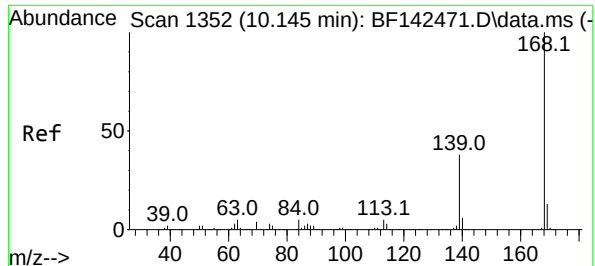
Tgt Ion:138 Resp: 82927
Ion Ratio Lower Upper
138 100
108 9.1 8.1 12.1
92 104.0 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 106.250 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:184 Resp: 206525
Ion Ratio Lower Upper
184 100
63 59.2 46.3 69.5
154 60.6 56.8 85.2





#55

Dibenzenofuran

Concen: 43.156 ng

RT: 10.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

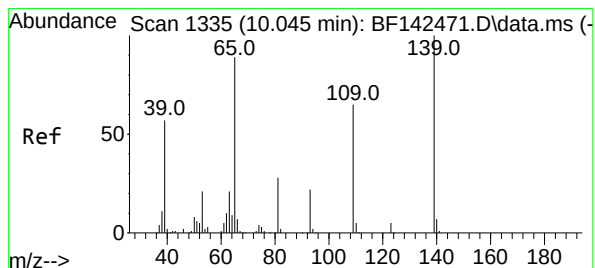
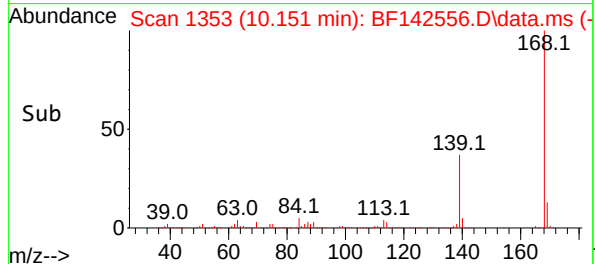
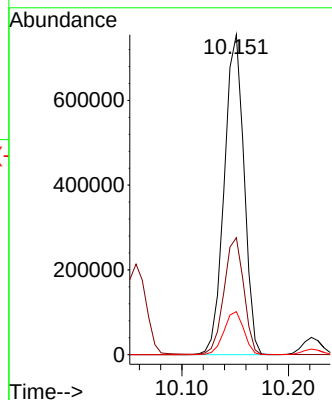
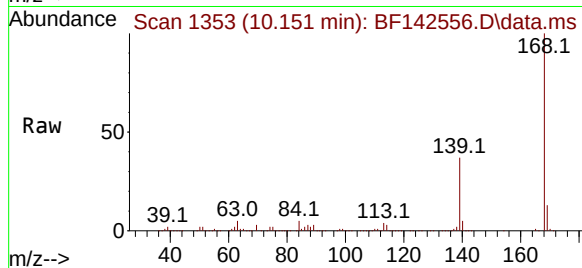
Tgt Ion:168 Resp: 969659

Ion Ratio Lower Upper

168 100

139 36.6 30.2 45.2

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 101.222 ng

RT: 10.057 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

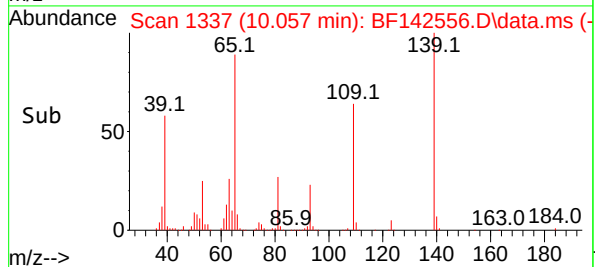
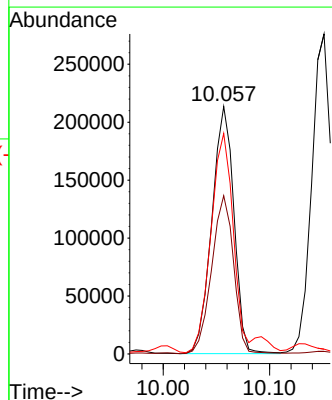
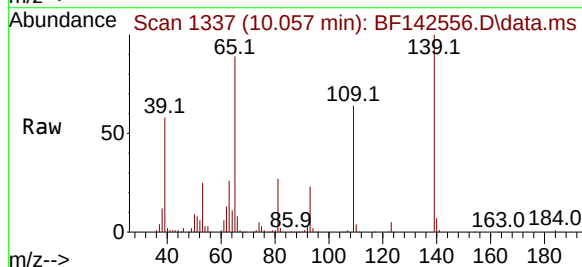
Tgt Ion:139 Resp: 306914

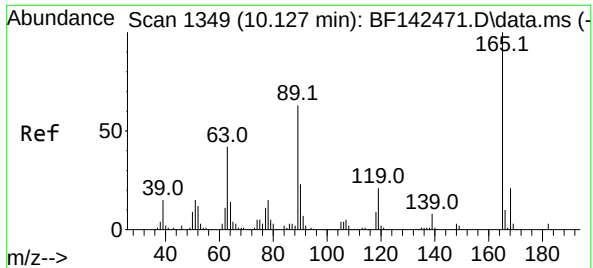
Ion Ratio Lower Upper

139 100

109 63.9 45.1 85.1

65 89.1 69.7 109.7

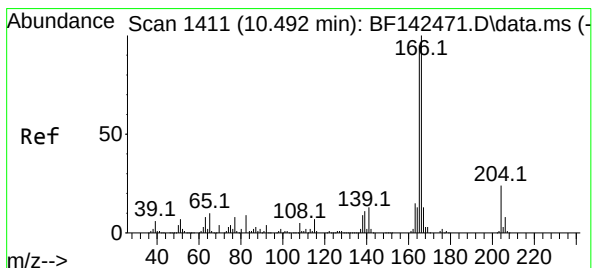
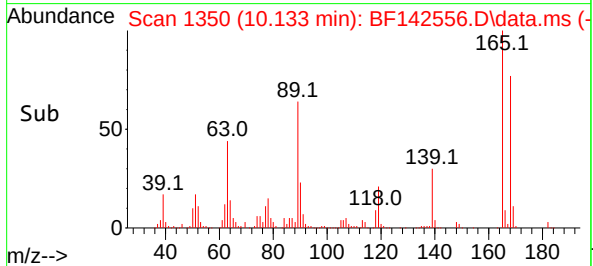
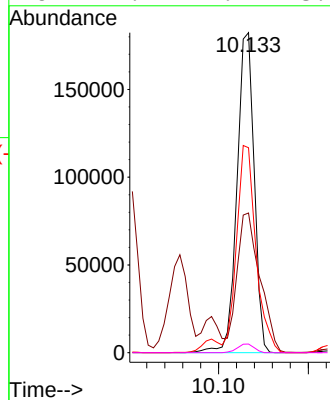
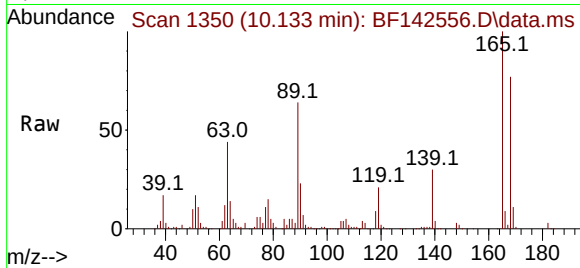




#57
2,4-Dinitrotoluene
Concen: 49.261 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

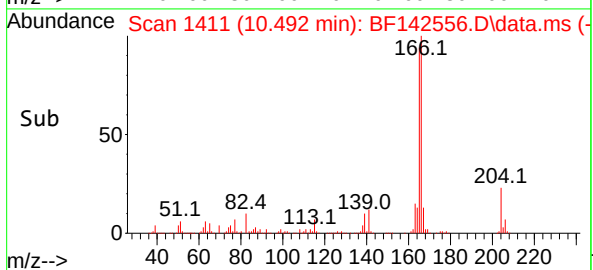
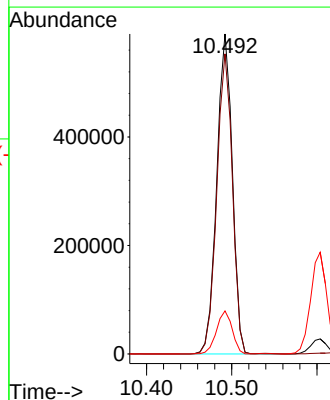
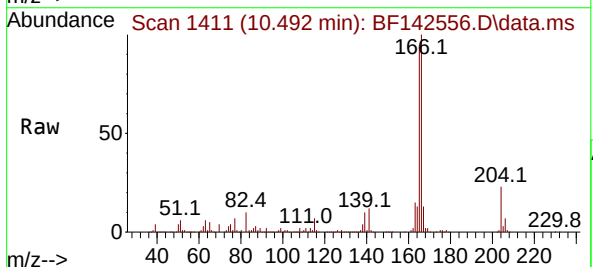
Instrument :
BNA_F
ClientSampleId :
PB168143BS

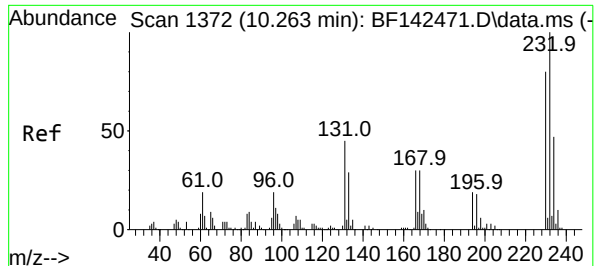
Tgt Ion:165 Resp: 242041
Ion Ratio Lower Upper
165 100
63 43.7 33.6 50.4
89 64.0 50.2 75.4
182 2.7 2.2 3.4



#58
Fluorene
Concen: 43.138 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:166 Resp: 748792
Ion Ratio Lower Upper
166 100
165 93.8 75.8 113.8
167 13.5 10.6 16.0

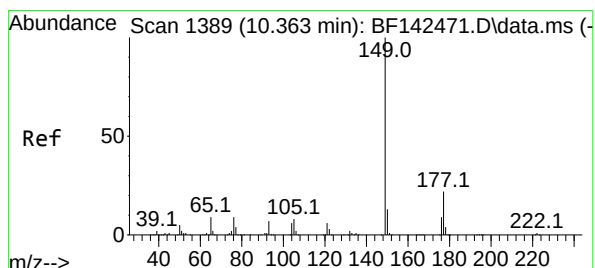
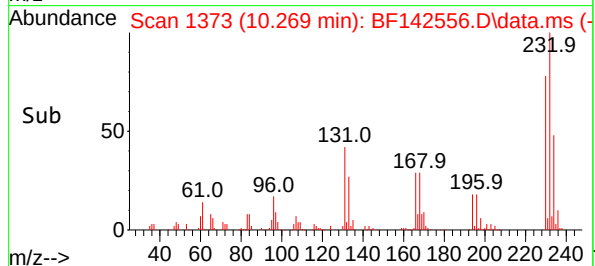
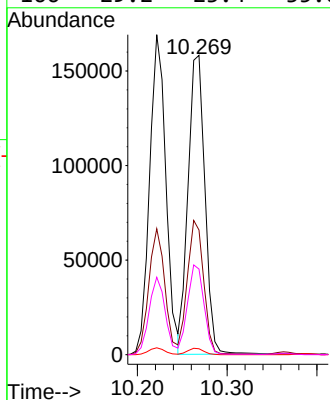
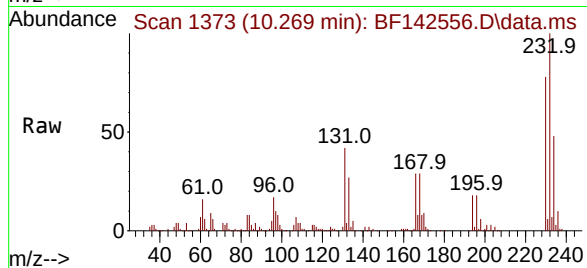




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.851 ng
RT: 10.269 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

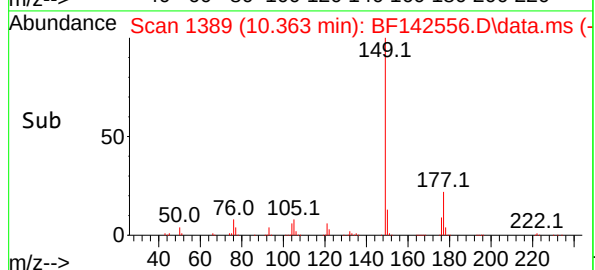
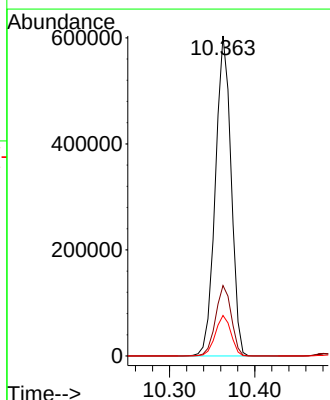
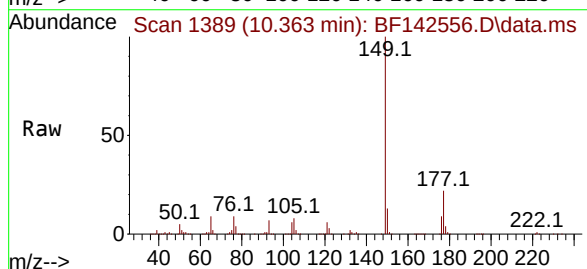
Instrument :
BNA_F
ClientSampleId :
PB168143BS

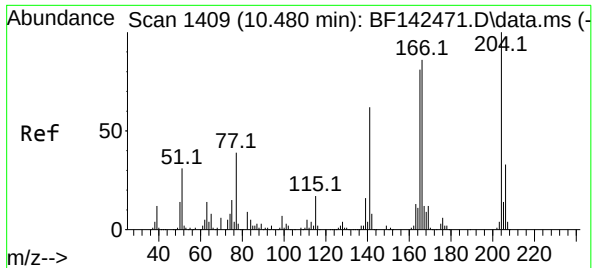
Tgt Ion:232 Resp: 206439
Ion Ratio Lower Upper
232 100
131 43.7 35.2 52.8
130 2.1 1.7 2.5
166 29.2 23.4 35.0



#60
Diethylphthalate
Concen: 45.480 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:149 Resp: 774294
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.6 10.1 15.1

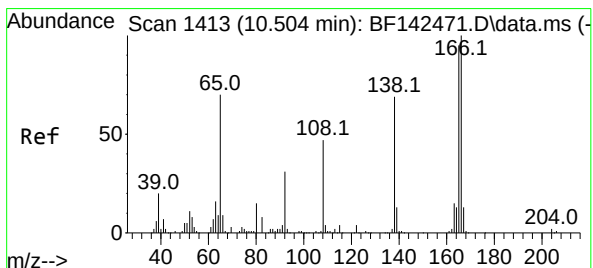
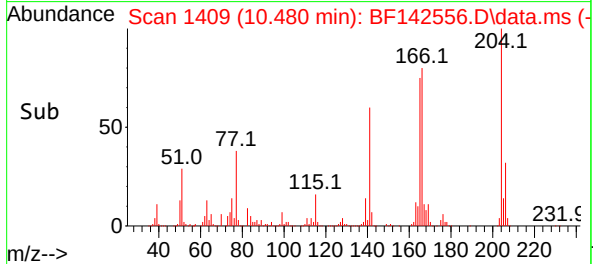
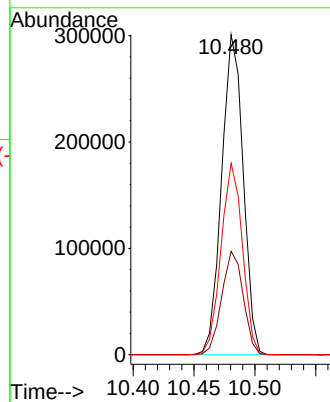
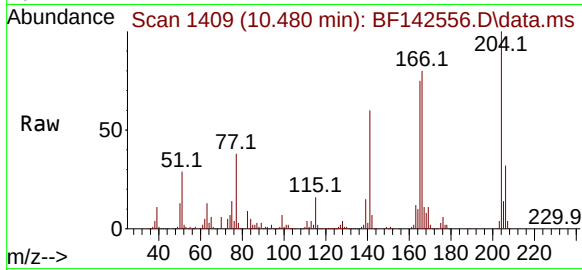




#61
4-Chlorophenyl-phenylether
Concen: 43.515 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

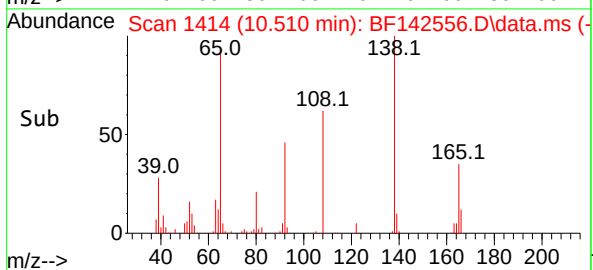
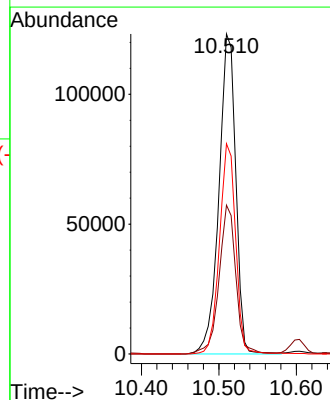
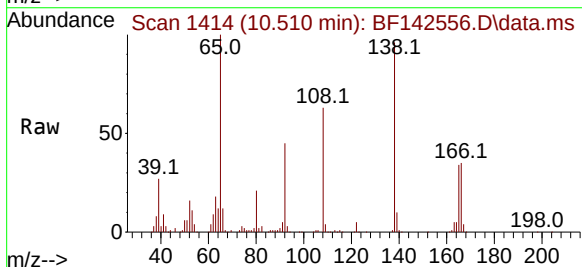
Instrument :
BNA_F
ClientSampleId :
PB168143BS

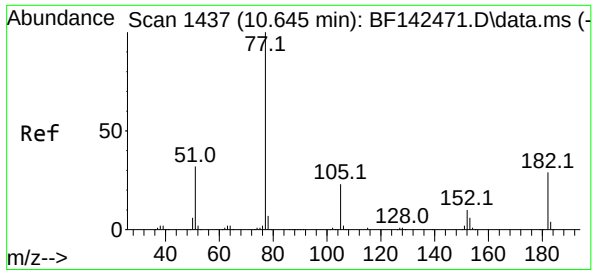
Tgt Ion:204 Resp: 371060
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 59.8 49.5 74.3



#62
4-Nitroaniline
Concen: 49.886 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:138 Resp: 185925
Ion Ratio Lower Upper
138 100
92 46.5 26.0 66.0
108 65.7 48.4 88.4

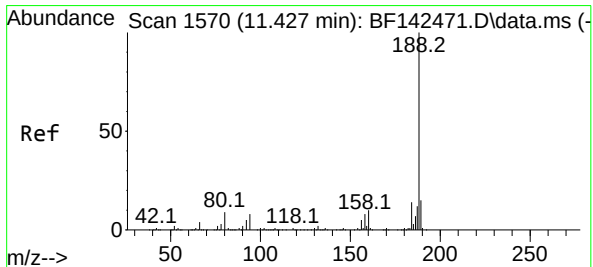
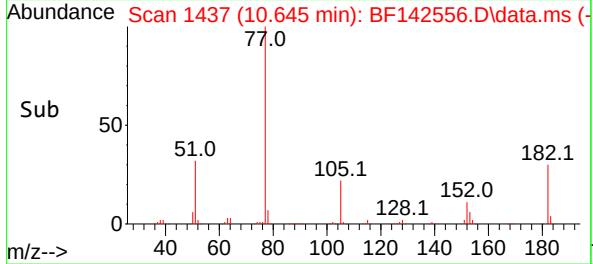
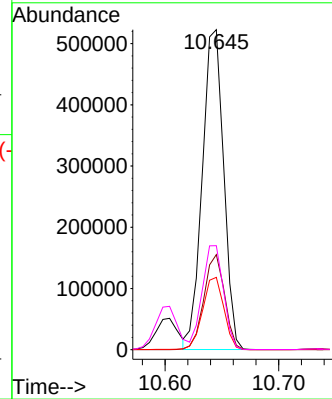
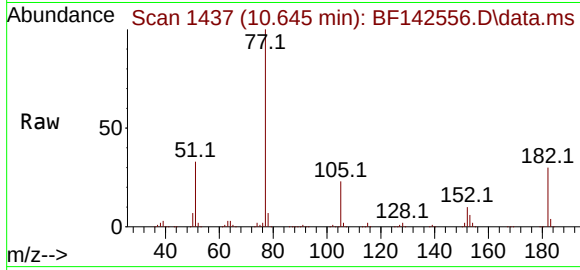




#63
Azobenzene
Concen: 44.721 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

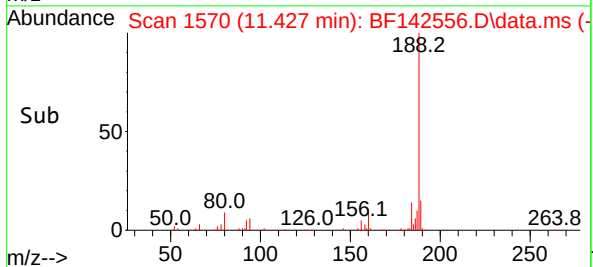
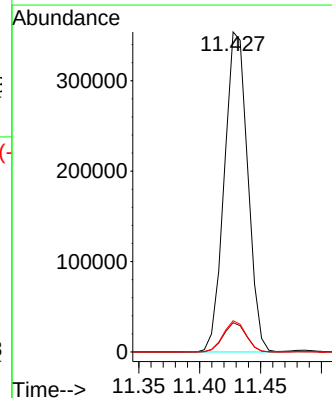
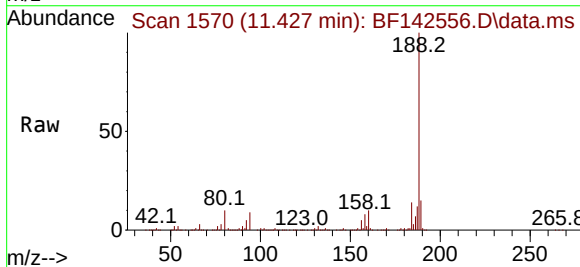
Instrument :
BNA_F
ClientSampleId :
PB168143BS

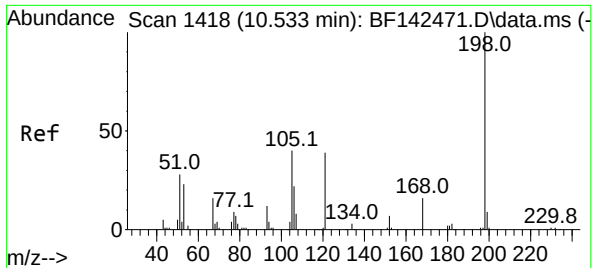
Tgt Ion: 77 Resp: 683843
Ion Ratio Lower Upper
77 100
182 29.7 9.0 49.0
105 22.6 2.4 42.4
51 32.5 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion: 188 Resp: 473279
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.8 7.4 11.0

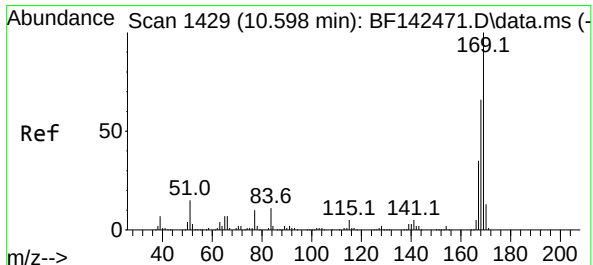
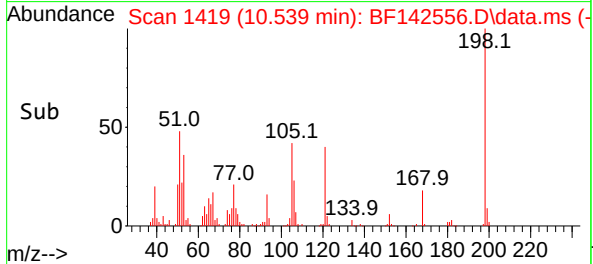
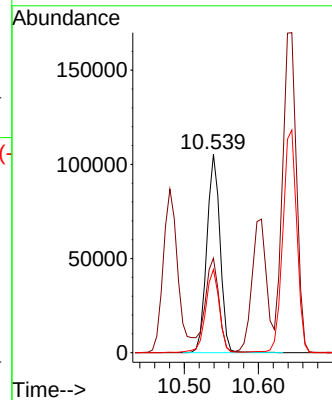
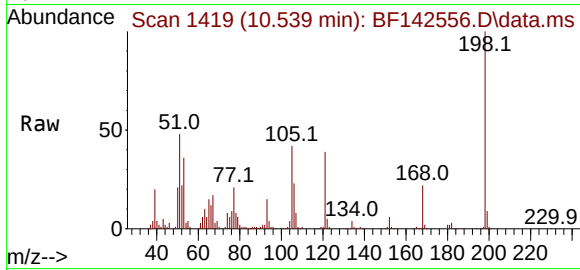




#65
4,6-Dinitro-2-methylphenol
Concen: 49.622 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

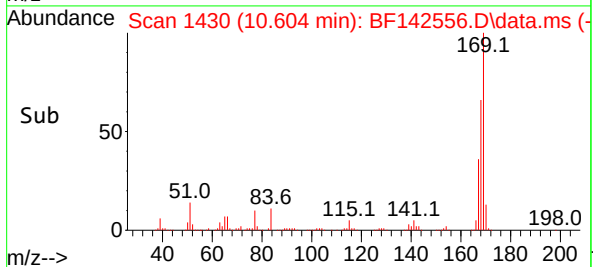
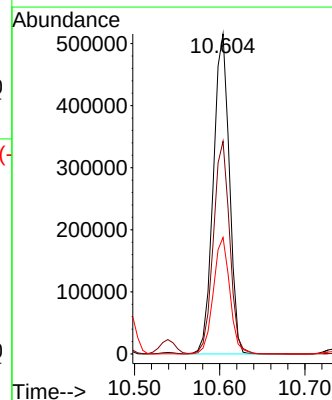
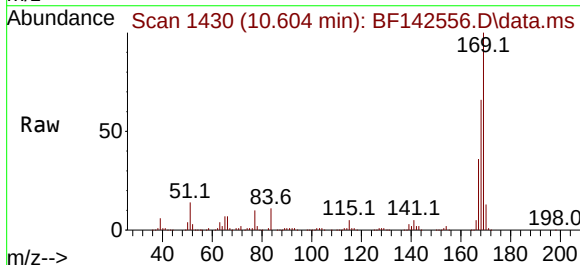
Instrument :
BNA_F
ClientSampleId :
PB168143BS

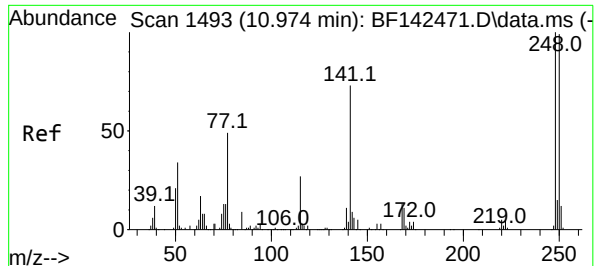
Tgt Ion:198 Resp: 131063
Ion Ratio Lower Upper
198 100
51 47.7 28.3 68.3
105 42.0 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.556 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:169 Resp: 672871
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 36.4 28.3 42.5

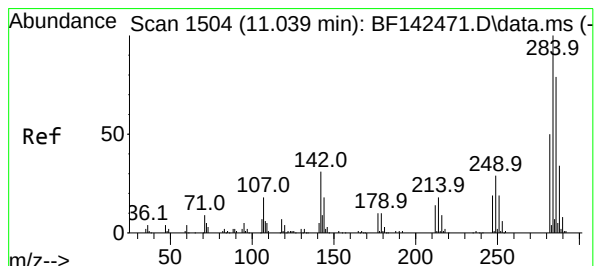
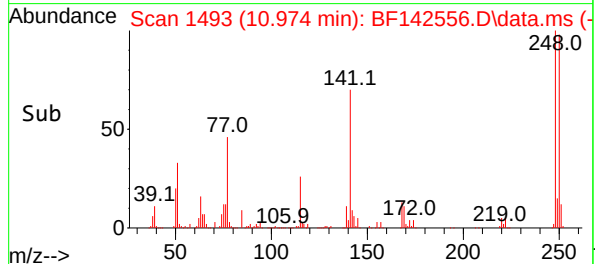
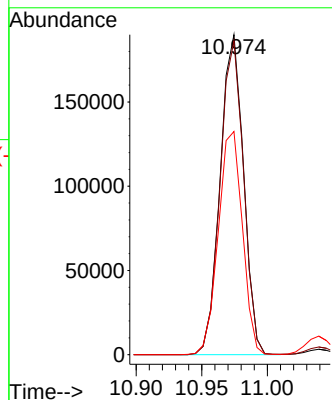
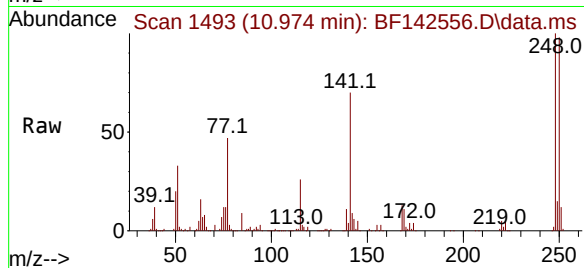




#67
4-Bromophenyl-phenylether
Concen: 42.089 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

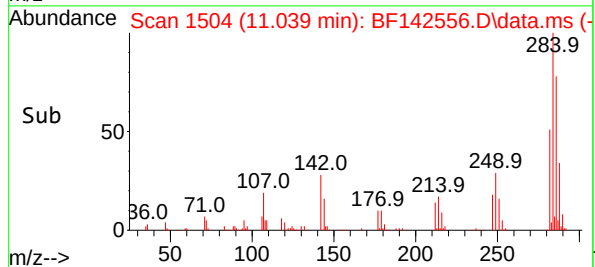
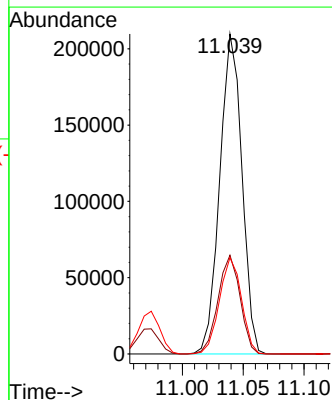
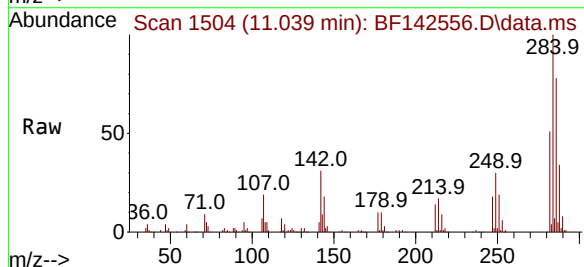
Instrument :
BNA_F
ClientSampleId :
PB168143BS

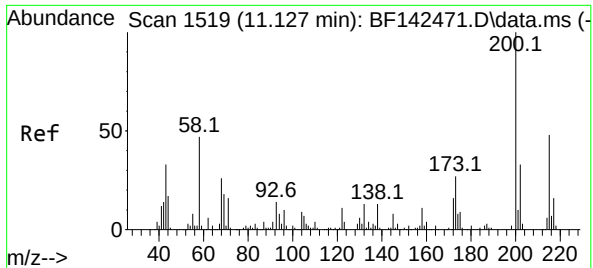
Tgt Ion:248 Resp: 235538
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.4
141 69.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 42.933 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:284 Resp: 265736
Ion Ratio Lower Upper
284 100
142 30.9 24.8 37.2
249 30.1 23.6 35.4





#69

Atrazine

Concen: 50.625 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

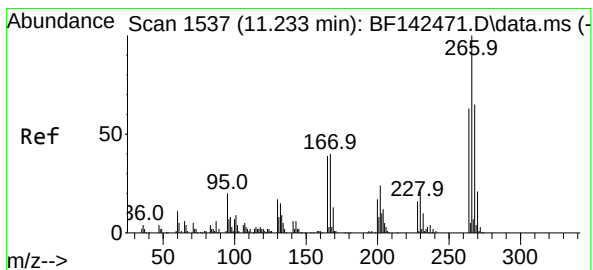
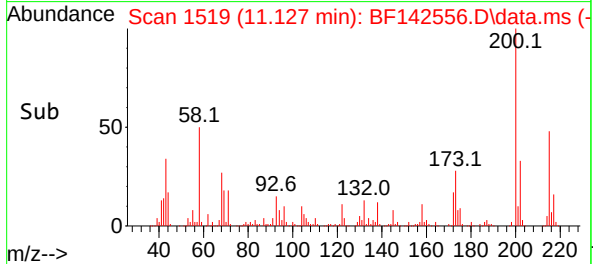
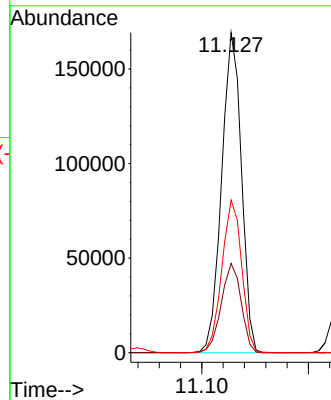
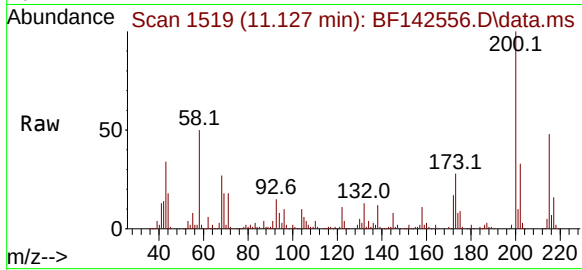
Tgt Ion:200 Resp: 217691

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 47.7 28.5 68.5



#70

Pentachlorophenol

Concen: 89.884 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

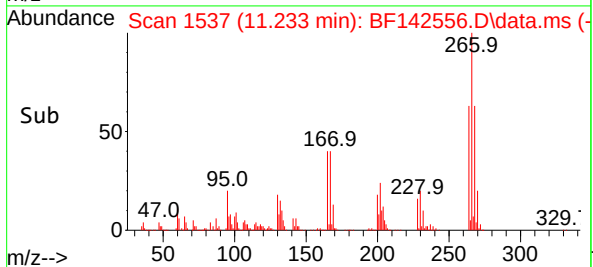
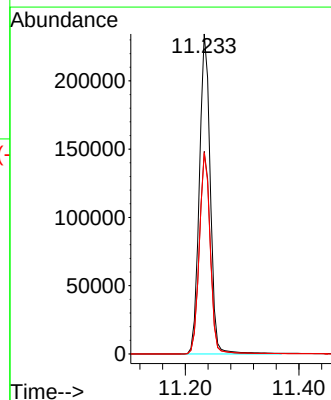
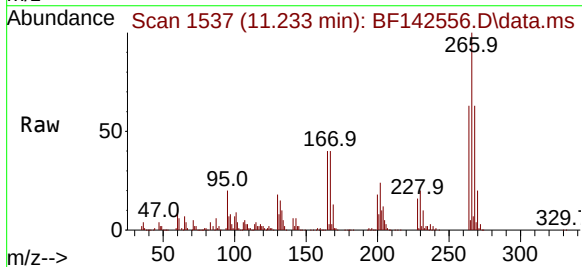
Tgt Ion:266 Resp: 314101

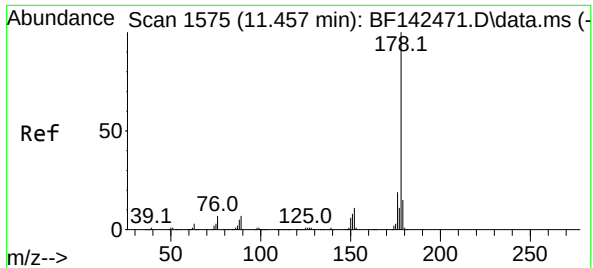
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 62.7 50.4 75.6

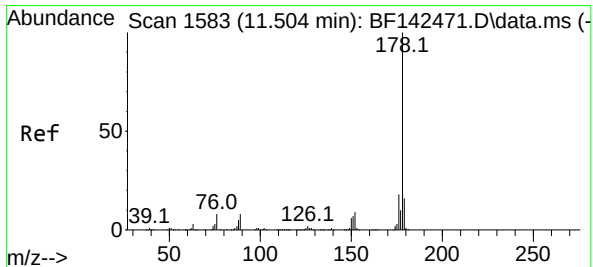
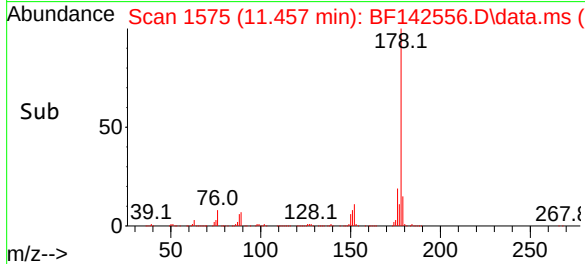
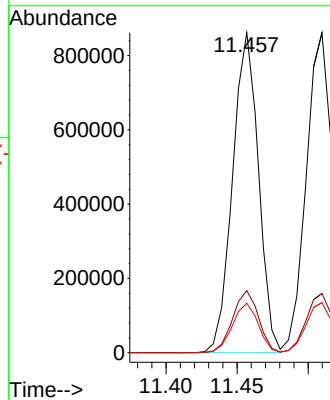
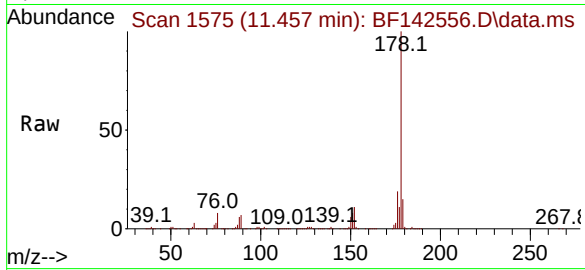




#71
Phenanthrene
Concen: 43.107 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

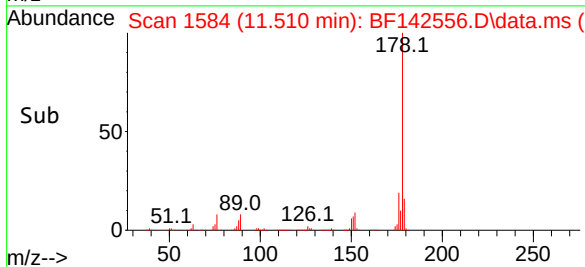
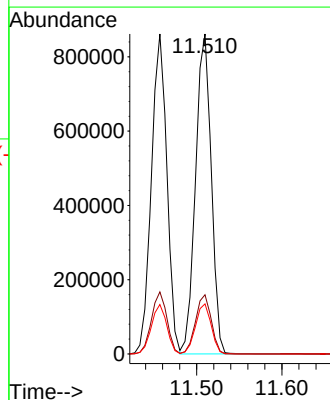
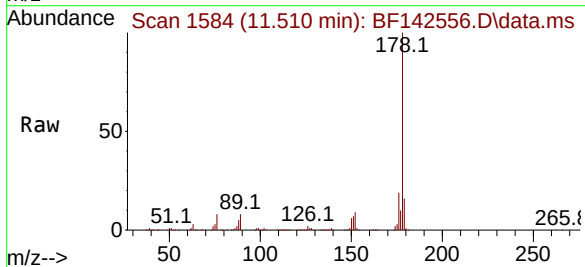
Instrument :
BNA_F
ClientSampleId :
PB168143BS

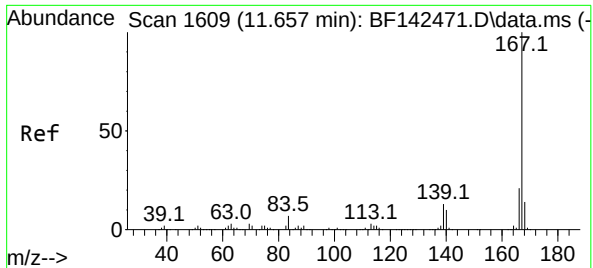
Tgt Ion:178 Resp: 1090302
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 42.697 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:178 Resp: 1102148
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.7 12.4 18.6





#73

Carbazole

Concen: 45.924 ng

RT: 11.663 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

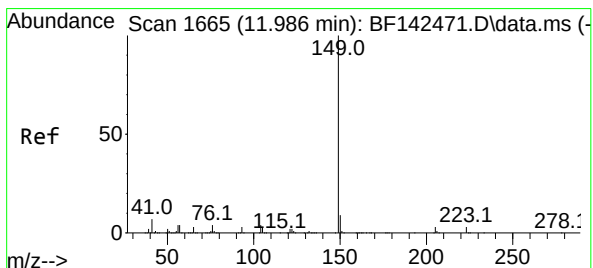
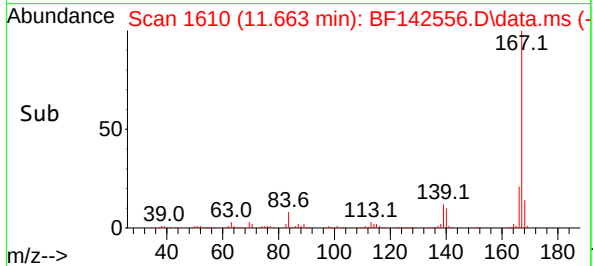
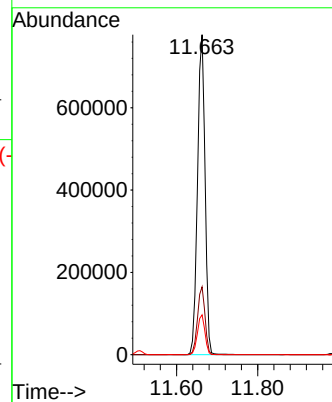
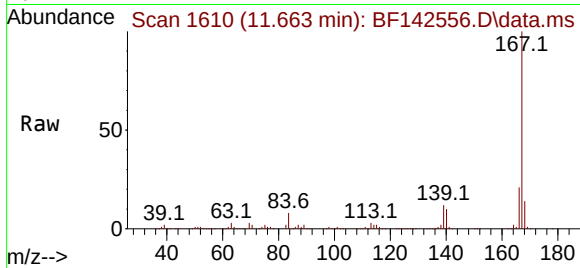
BNA_F

ClientSampleId :

PB168143BS

Tgt Ion:167 Resp: 1013432

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.9	25.3
139	12.5	10.2	15.4



#74

Di-n-butylphthalate

Concen: 48.617 ng

RT: 11.986 min Scan# 1665

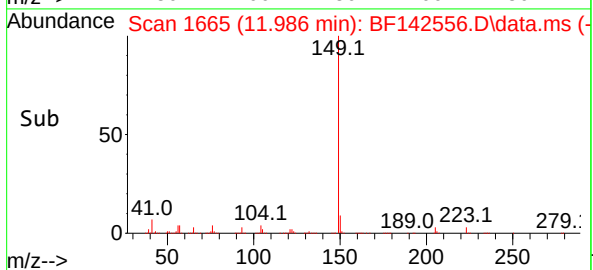
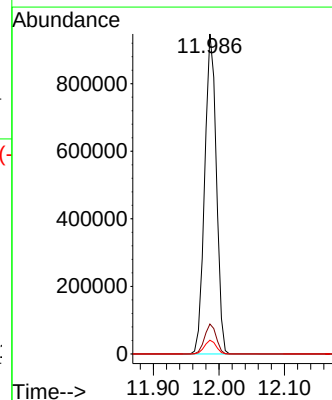
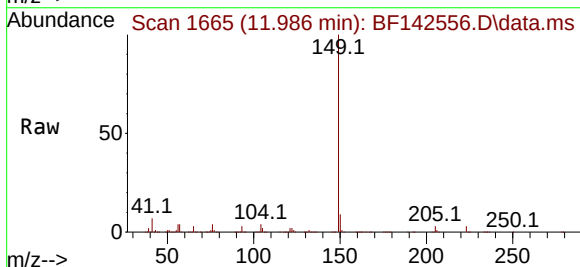
Delta R.T. -0.006 min

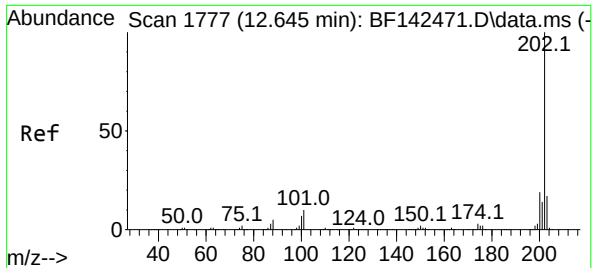
Lab File: BF142556.D

Acq: 27 May 2025 12:11

Tgt Ion:149 Resp: 1174359

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.3	3.6	5.4

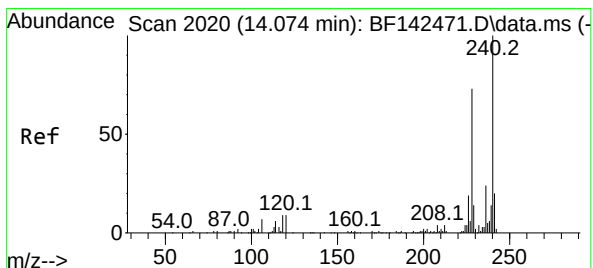
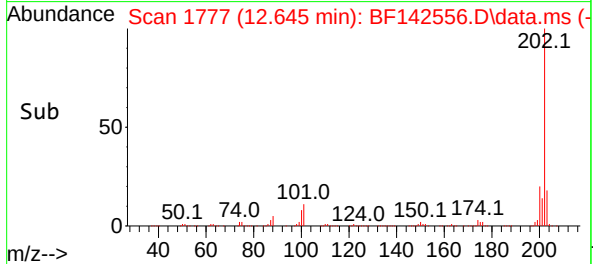
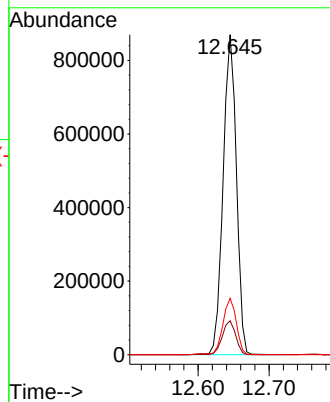
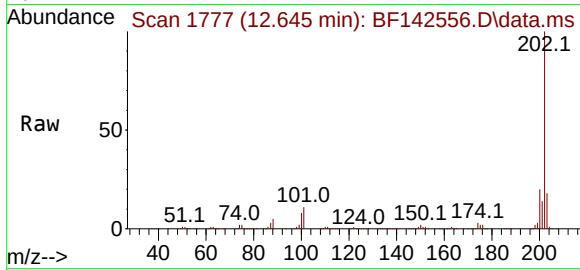




#75
Fluoranthene
Concen: 47.583 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

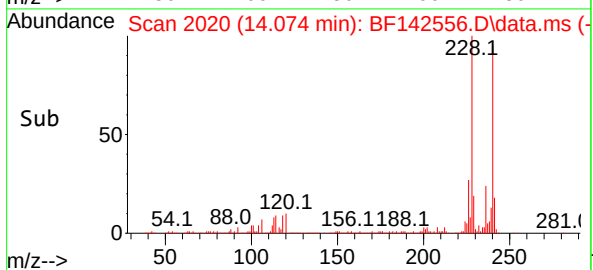
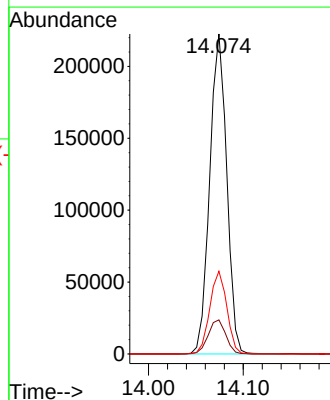
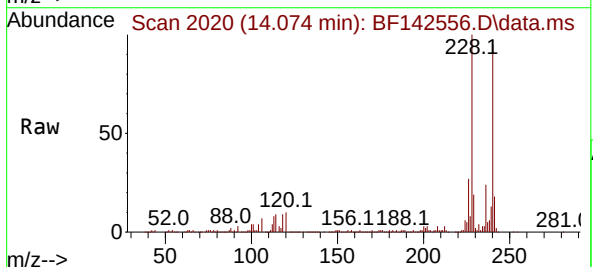
Instrument :
BNA_F
ClientSampleId :
PB168143BS

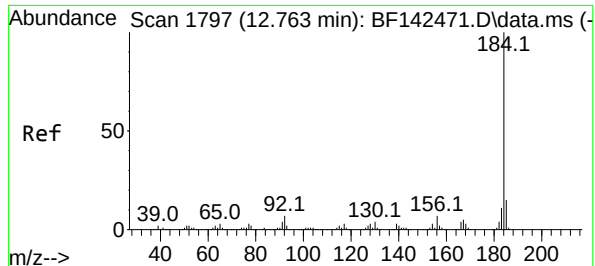
Tgt Ion:202 Resp: 1124554
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.6
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:240 Resp: 277045
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.9 19.6 29.4





#77

Benzidine

Concen: 34.662 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

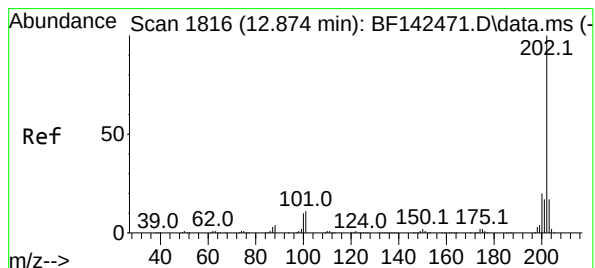
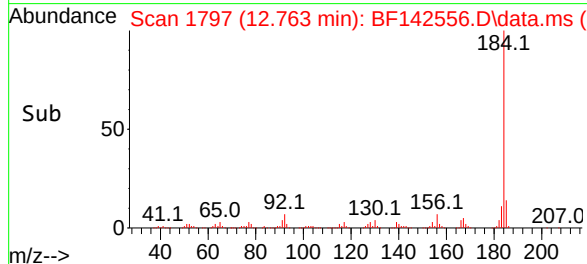
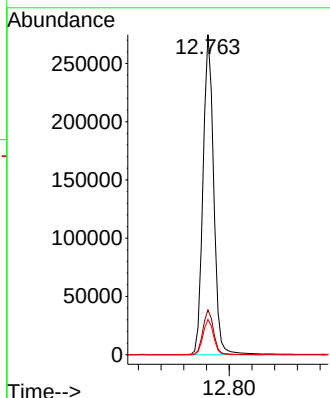
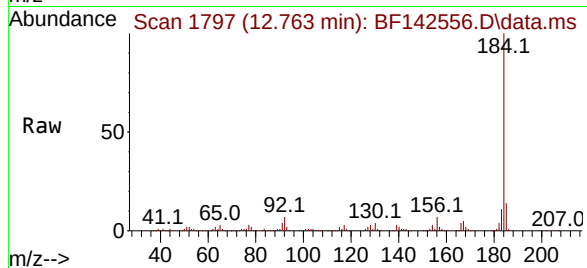
Tgt Ion:184 Resp: 357353

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 11.0 9.0 13.4



#78

Pyrene

Concen: 43.560 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

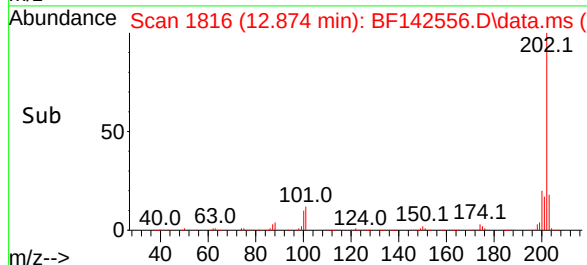
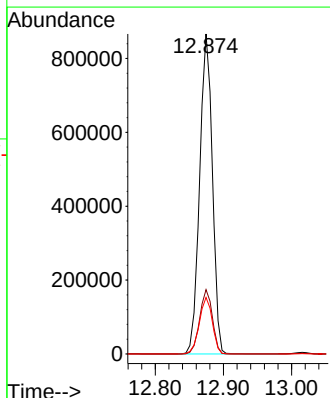
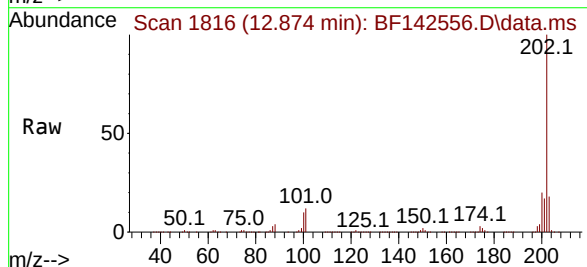
Tgt Ion:202 Resp: 1125782

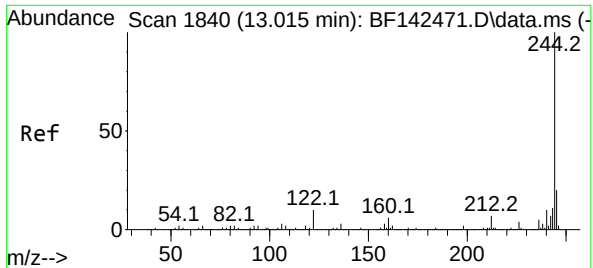
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 75.495 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

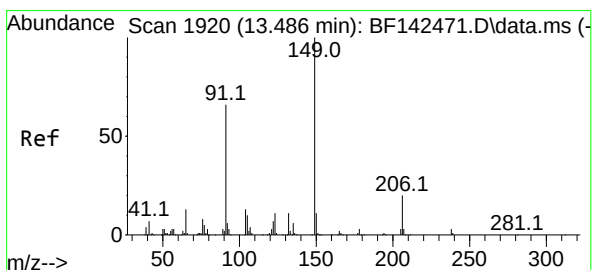
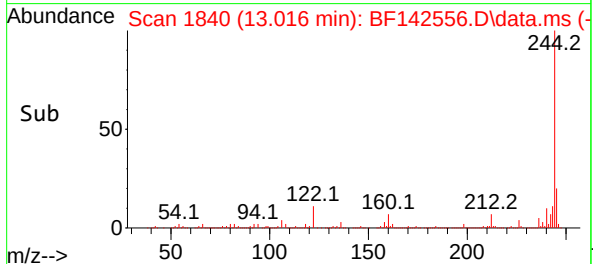
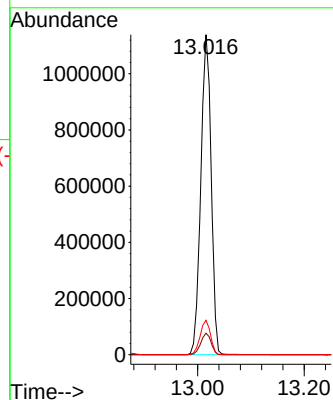
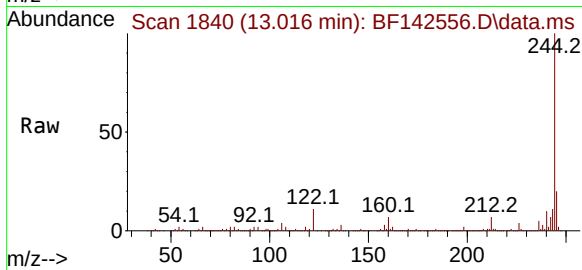
Tgt Ion:244 Resp: 1530542

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.7 8.2 12.2



#80

Butylbenzylphthalate

Concen: 52.608 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

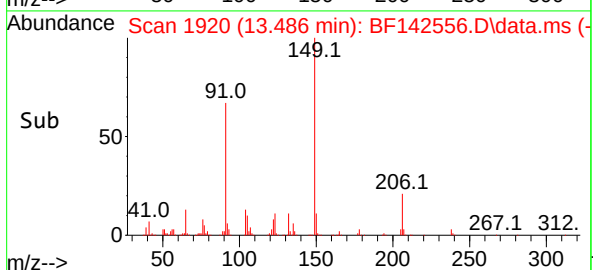
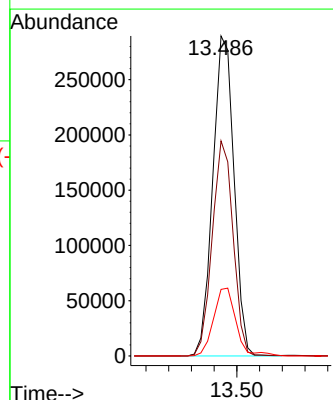
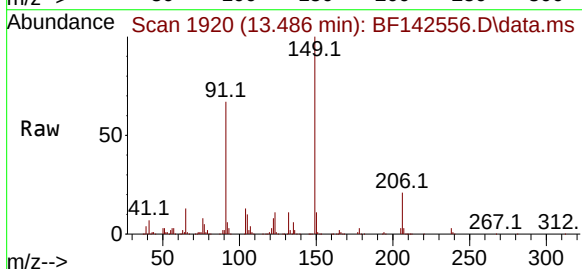
Tgt Ion:149 Resp: 375686

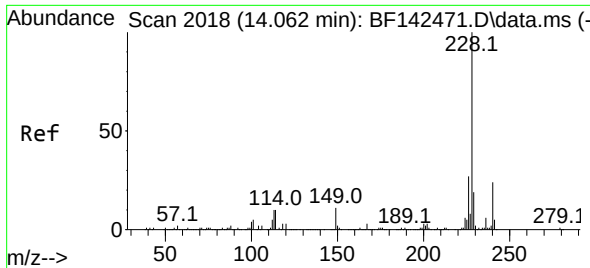
Ion Ratio Lower Upper

149 100

91 67.2 52.9 79.3

206 20.8 16.2 24.2

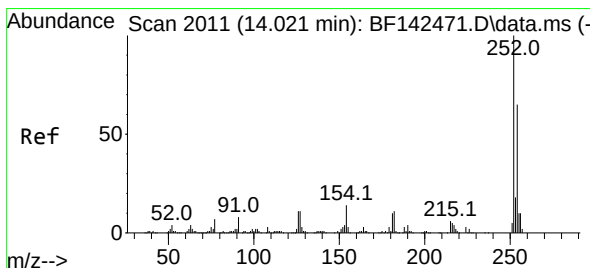
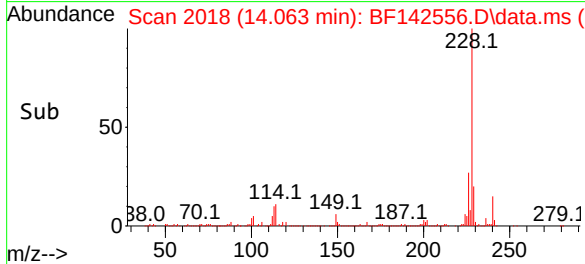
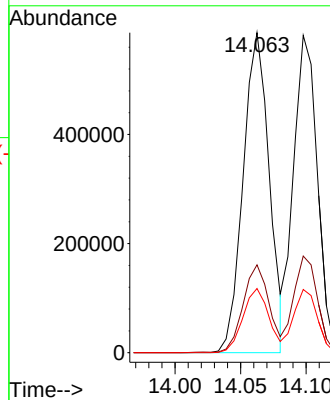
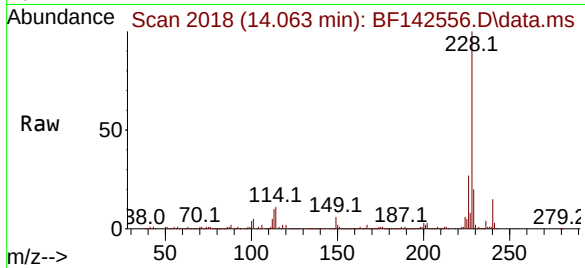




#81
Benzo(a)anthracene
Concen: 43.937 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

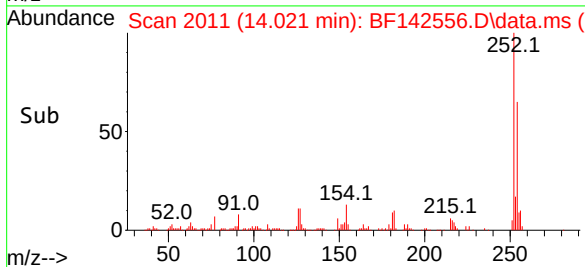
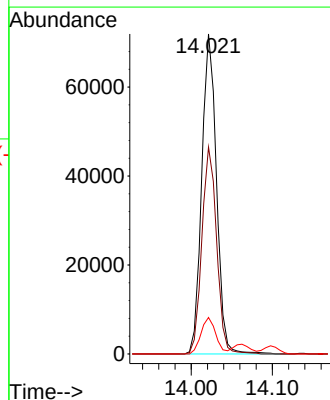
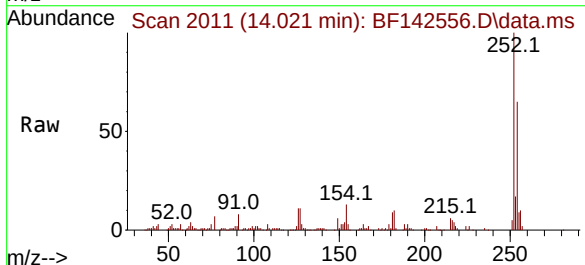
Instrument :
BNA_F
ClientSampleId :
PB168143BS

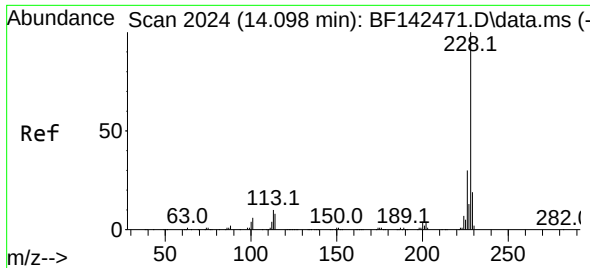
Tgt Ion:228 Resp: 812818
Ion Ratio Lower Upper
228 100
226 27.4 21.2 31.8
229 20.1 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 16.144 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:252 Resp: 90586
Ion Ratio Lower Upper
252 100
254 64.6 52.0 78.0
126 11.4 8.9 13.3

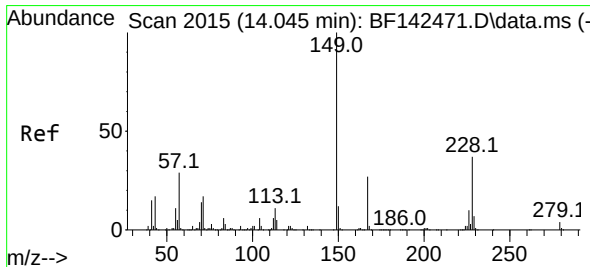
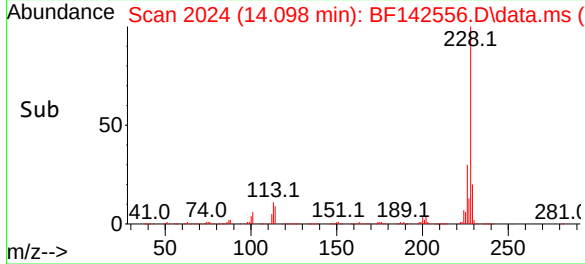
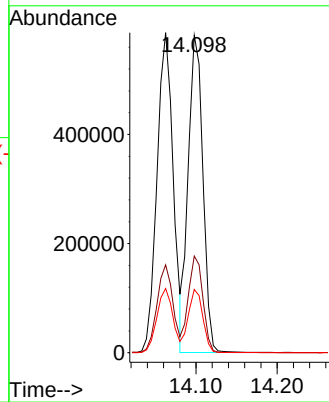
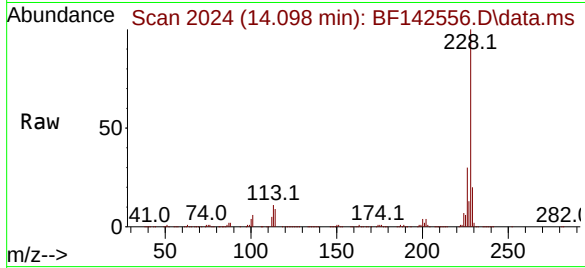




#83
Chrysene
Concen: 44.161 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

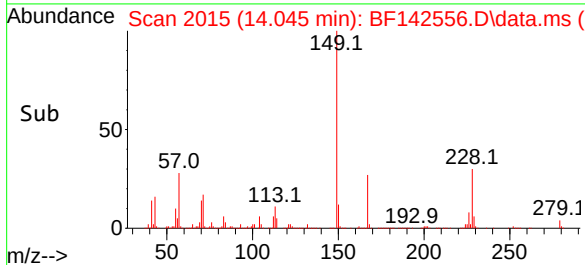
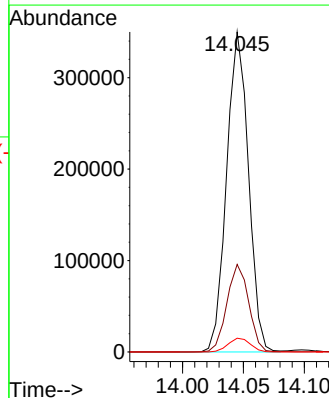
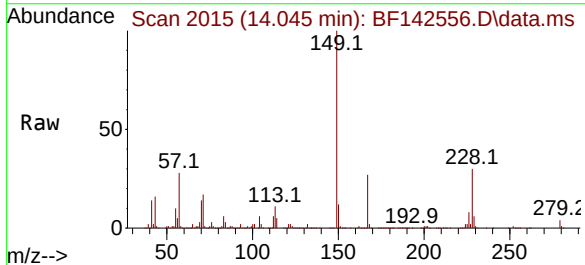
Instrument :
BNA_F
ClientSampleId :
PB168143BS

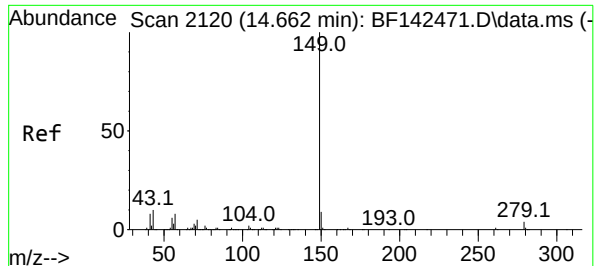
Tgt Ion:228 Resp: 734102
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.6
229 19.9 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.790 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:149 Resp: 436890
Ion Ratio Lower Upper
149 100
167 27.4 21.5 32.3
279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 37.861 ng

RT: 14.662 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

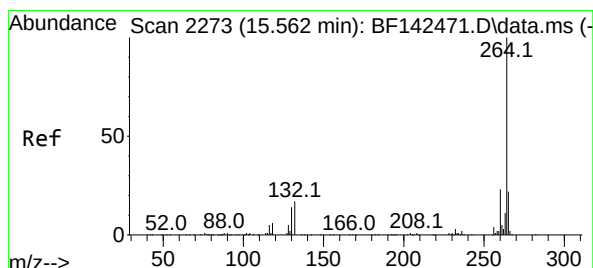
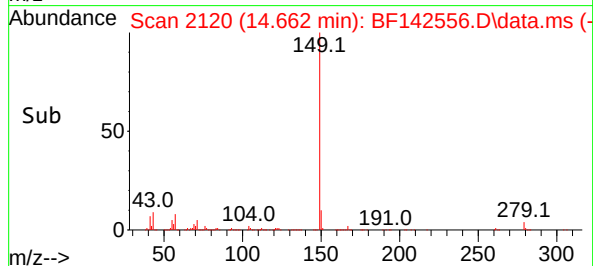
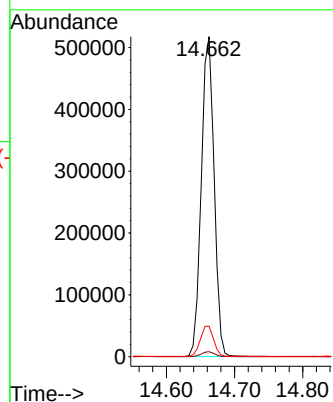
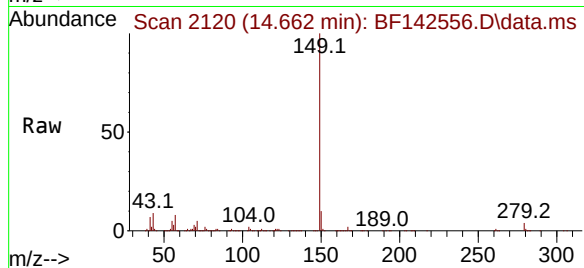
Tgt Ion:149 Resp: 676762

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

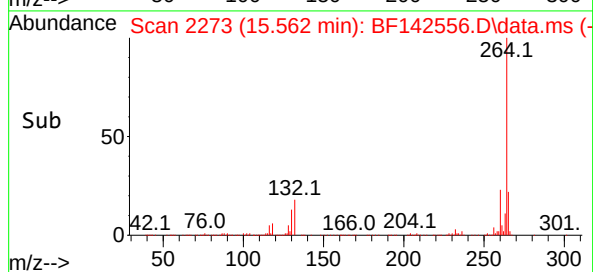
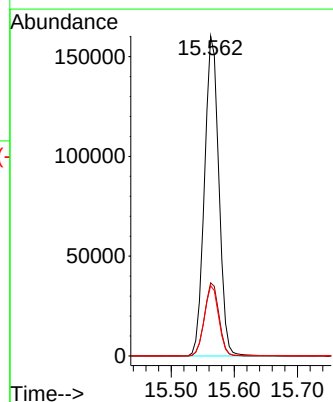
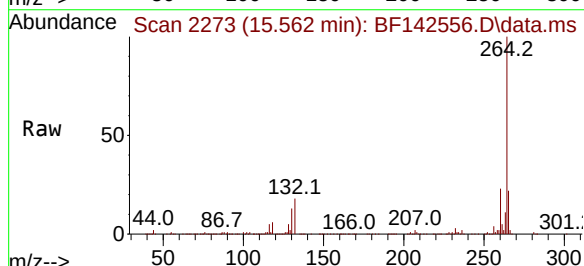
Tgt Ion:264 Resp: 252806

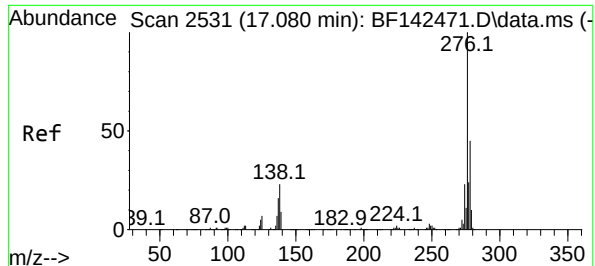
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.446 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

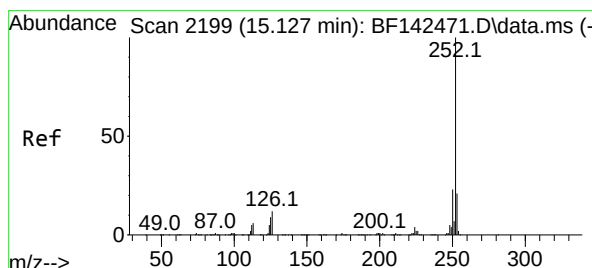
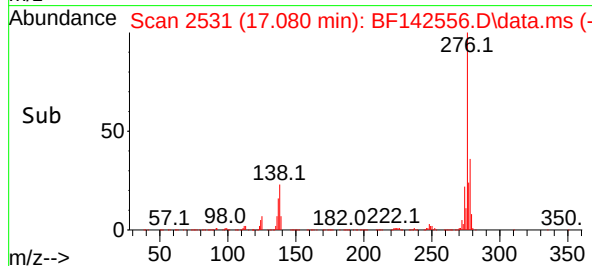
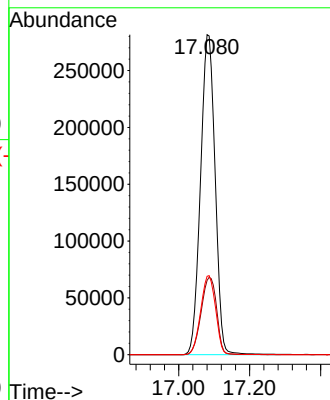
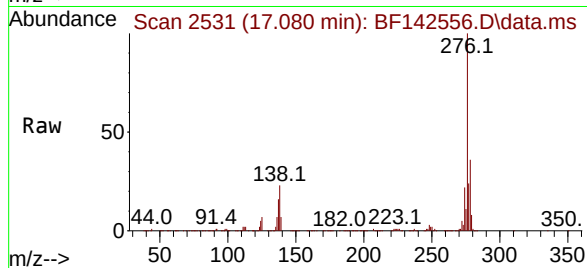
Tgt Ion:276 Resp: 805592

Ion Ratio Lower Upper

276 100

138 25.7 19.9 29.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.359 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

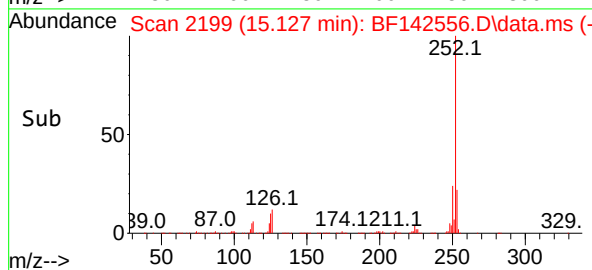
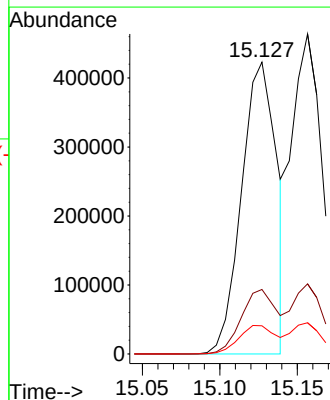
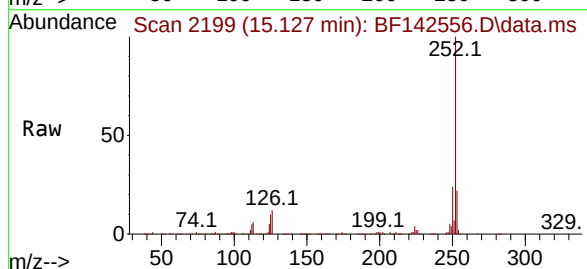
Tgt Ion:252 Resp: 663713

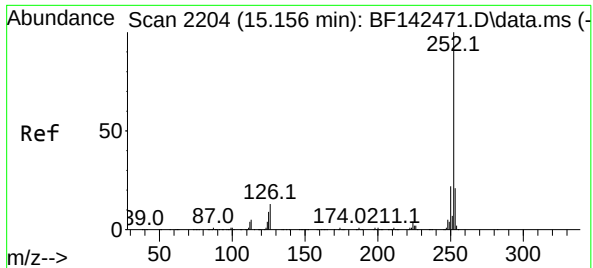
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.674 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

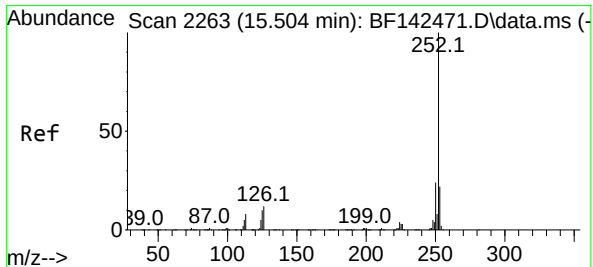
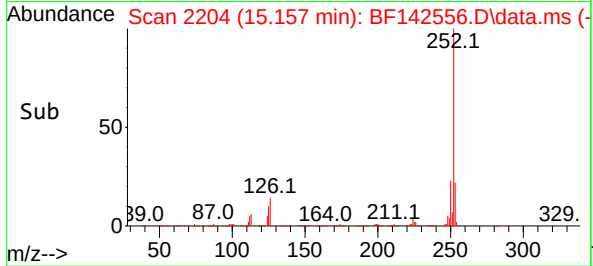
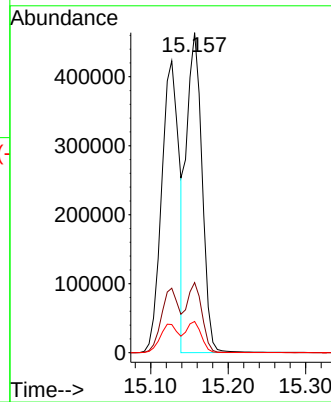
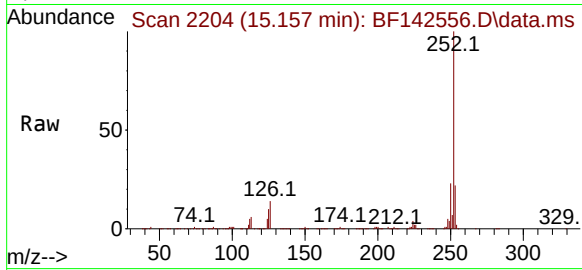
Tgt Ion:252 Resp: 640069

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 45.223 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

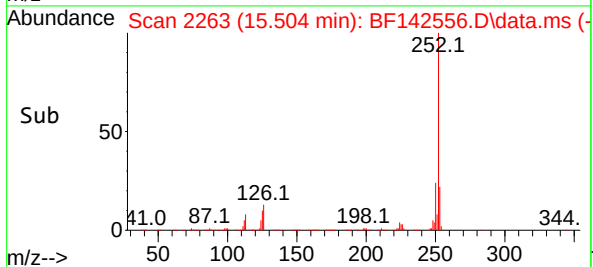
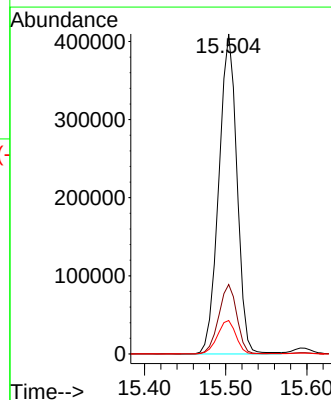
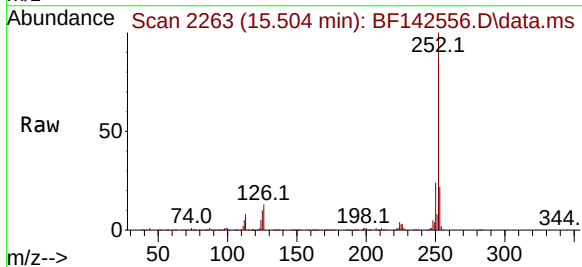
Tgt Ion:252 Resp: 637798

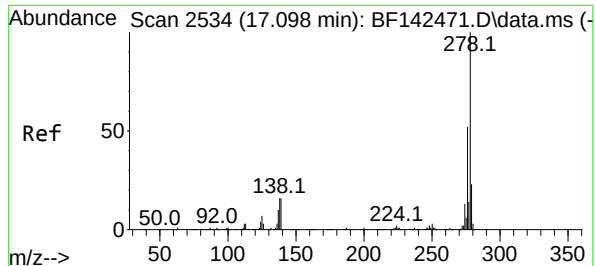
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.4 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 42.776 ng

RT: 17.103 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

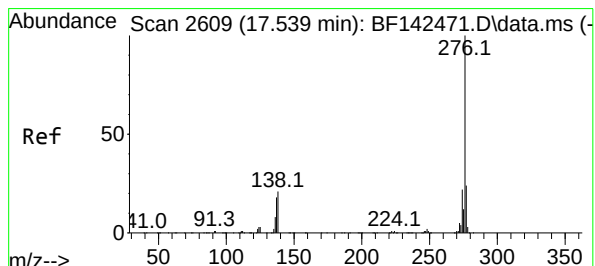
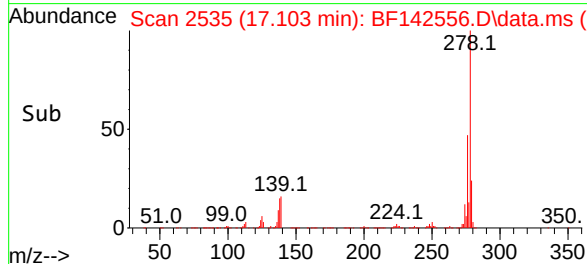
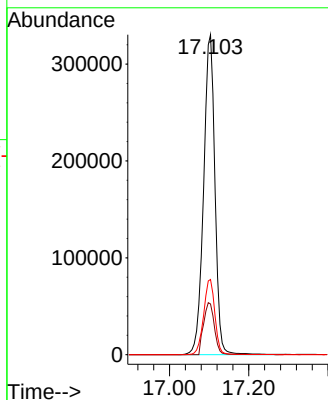
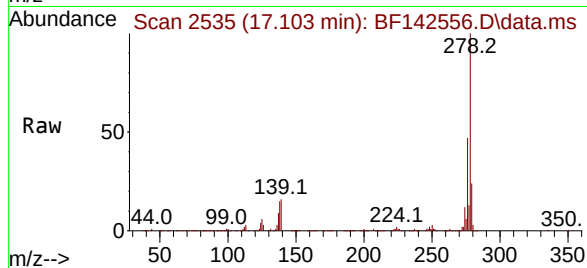
Tgt Ion:278 Resp: 658445

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

279 23.5 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 42.539 ng

RT: 17.545 min Scan# 2610

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

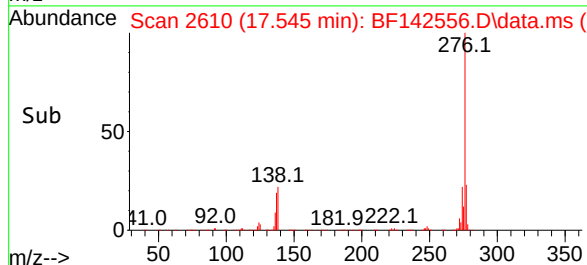
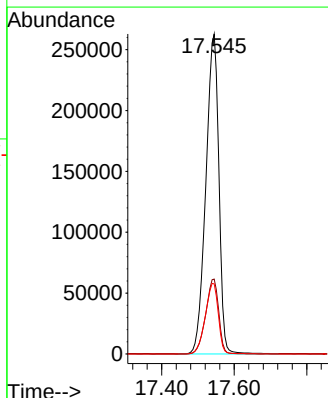
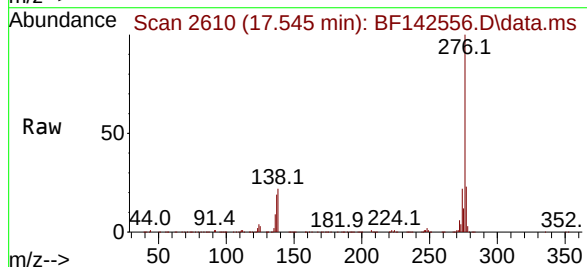
Tgt Ion:276 Resp: 654940

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 21.9 16.8 25.2



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168143BSD	SDG No.:	Q2106
Lab Sample ID:	PB168143BSD	Matrix:	Water
Analytical Method:	8270E	% 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
BF142557.D	1	05/23/25 08:31	05/27/25 12:39	PB168143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	41.7		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	41.8		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.1		0.54	5.00	ug/L
91-20-3	Naphthalene	41.9		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		15 (10) - 110 (139)	79%	SPK: 150
13127-88-3	Phenol-d6	121		15 (10) - 110 (134)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.8		30 (49) - 130 (133)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.7		30 (52) - 130 (132)	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		15 (44) - 110 (137)	84%	SPK: 150
1718-51-0	Terphenyl-d14	75.0		30 (48) - 130 (125)	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.898			
1146-65-2	Naphthalene-d8	437000	8.186			
15067-26-2	Acenaphthene-d10	244000	9.939			
1517-22-2	Phenanthrene-d10	425000	11.427			
1719-03-5	Chrysene-d12	233000	14.074			
1520-96-3	Perylene-d12	236000	15.562			

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\BF052725\
 Data File : BF142557.D
 Acq On : 27 May 2025 12:39
 Operator : RC/JU
 Sample : PB168143BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168143BSD

Quant Time: May 27 13:01:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	110909	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	436992	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	243793	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	424557	20.000	ng	0.00
76) Chrysene-d12	14.074	240	233295	20.000	ng	0.00
86) Perylene-d12	15.562	264	236170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	782953	118.934	ng	0.00
7) Phenol-d6	6.528	99	956580	120.712	ng	0.00
23) Nitrobenzene-d5	7.463	82	591552	73.815	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	342451	126.562	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1284176	70.682	ng	-0.01
79) Terphenyl-d14	13.015	244	1279885	74.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	93586	35.526	ng	100
3) Pyridine	3.516	79	264797	39.473	ng	98
4) n-Nitrosodimethylamine	3.469	42	145045	41.643	ng	93
6) Aniline	6.563	93	277863	26.078	ng	100
8) 2-Chlorophenol	6.681	128	311327	43.418	ng	98
9) Benzaldehyde	6.451	77	180591	37.889	ng	98
10) Phenol	6.539	94	371595	41.674	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	272853	42.510	ng	100
12) 1,3-Dichlorobenzene	6.839	146	333178	41.641	ng	99
13) 1,4-Dichlorobenzene	6.916	146	336857	41.796	ng	99
14) 1,2-Dichlorobenzene	7.069	146	320246	41.526	ng	99
15) Benzyl Alcohol	7.039	79	252511	43.119	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	457857	42.477	ng	96
17) 2-Methylphenol	7.151	107	245308	43.819	ng	99
18) Hexachloroethane	7.410	117	116003	41.219	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	206493	42.045	ng	99
20) 3+4-Methylphenols	7.304	107	301076	41.997	ng	96
22) Acetophenone	7.304	105	401105	41.464	ng	95
24) Nitrobenzene	7.481	77	303312	41.964	ng	99
25) Isophorone	7.722	82	559801	41.780	ng	99
26) 2-Nitrophenol	7.798	139	170673	44.192	ng	97
27) 2,4-Dimethylphenol	7.833	122	296614	43.550	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	355377	42.459	ng	99
29) 2,4-Dichlorophenol	8.039	162	268022	43.272	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	283124	42.118	ng	98
31) Naphthalene	8.204	128	901109	41.878	ng	100
32) Benzoic acid	7.951	122	197606	47.663	ng	98
33) 4-Chloroaniline	8.251	127	79880	9.162	ng	97
34) Hexachlorobutadiene	8.322	225	170806	40.695	ng	98
35) Caprolactam	8.622	113	83564m	48.036	ng	
36) 4-Chloro-3-methylphenol	8.733	107	278698	43.905	ng	98
37) 2-Methylnaphthalene	8.898	142	564873	41.728	ng	99
38) 1-Methylnaphthalene	8.998	142	582789	41.621	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	287406	41.068	ng	99
41) Hexachlorocyclopentadiene	9.051	237	397060	84.106	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	202473	42.906	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142557.D
 Acq On : 27 May 2025 12:39
 Operator : RC/JU
 Sample : PB168143BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168143BSD

Quant Time: May 27 13:01:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

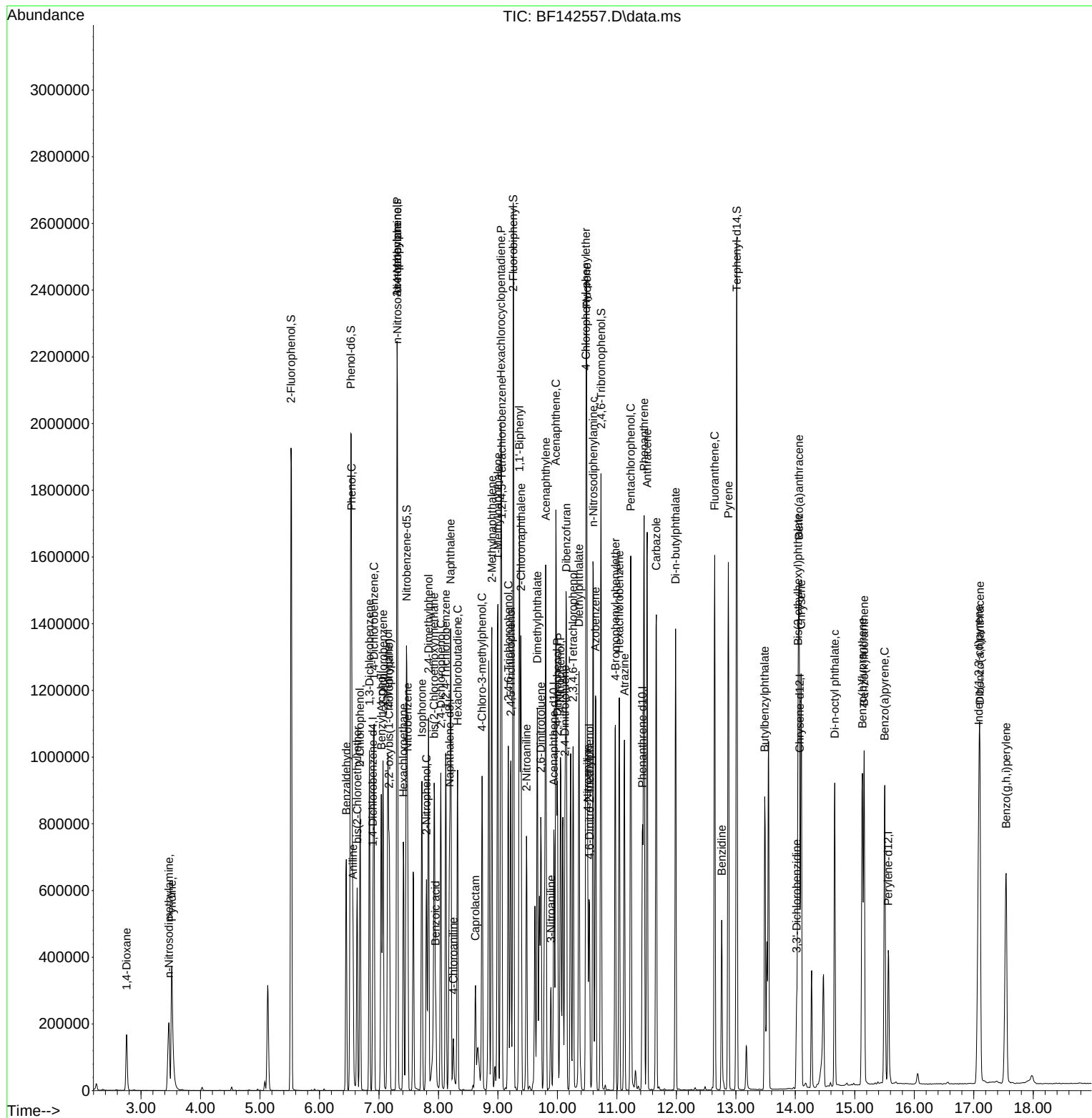
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	215868	43.374	ng	98
46) 1,1'-Biphenyl	9.363	154	770161	40.719	ng	99
47) 2-Chloronaphthalene	9.386	162	572831	40.992	ng	99
48) 2-Nitroaniline	9.480	65	174413	43.180	ng	97
49) Acenaphthylene	9.804	152	985306	41.756	ng	100
50) Dimethylphthalate	9.663	163	691750	43.002	ng	100
51) 2,6-Dinitrotoluene	9.722	165	154675	44.550	ng	99
52) Acenaphthene	9.974	154	667231	46.307	ng	100
53) 3-Nitroaniline	9.892	138	72247	19.052	ng	98
54) 2,4-Dinitrophenol	9.998	184	184224	102.704	ng	93
55) Dibenzofuran	10.151	168	864711	41.704	ng	99
56) 4-Nitrophenol	10.051	139	256288	91.595	ng	98
57) 2,4-Dinitrotoluene	10.127	165	214136	47.227	ng	99
58) Fluorene	10.492	166	672154	41.962	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	177969	42.834	ng	98
60) Diethylphthalate	10.363	149	682499	43.442	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	328958	41.805	ng	98
62) 4-Nitroaniline	10.510	138	158084	45.964	ng	98
63) Azobenzene	10.639	77	609467	43.191	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	115059	48.561	ng	97
66) n-Nitrosodiphenylamine	10.604	169	602642	41.490	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	209595	41.751	ng	97
68) Hexachlorobenzene	11.039	284	230219	41.463	ng	99
69) Atrazine	11.127	200	182674	47.356	ng	100
70) Pentachlorophenol	11.233	266	272347	86.880	ng	99
71) Phenanthrene	11.457	178	943128	41.567	ng	100
72) Anthracene	11.510	178	963931	41.628	ng	99
73) Carbazole	11.663	167	866693	43.781	ng	99
74) Di-n-butylphthalate	11.986	149	1003125	46.294	ng	99
75) Fluoranthene	12.645	202	950013	44.810	ng	99
77) Benzidine	12.763	184	284788	32.804	ng	99
78) Pyrene	12.874	202	937667	43.085	ng	100
80) Butylbenzylphthalate	13.486	149	299031	49.726	ng	100
81) Benzo(a)anthracene	14.062	228	679726	43.633	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	78017	16.511	ng	99
83) Chrysene	14.098	228	599174	42.804	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	371540	48.263	ng	99
85) Di-n-octyl phthalate	14.662	149	628500	41.754	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	752003	42.414	ng	99
88) Benzo(b)fluoranthene	15.127	252	593611	42.469	ng	99
89) Benzo(k)fluoranthene	15.156	252	568001	43.387	ng	99
90) Benzo(a)pyrene	15.504	252	578256	43.889	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	613397	42.656	ng	99
92) Benzo(g,h,i)perylene	17.545	276	610242	42.428	ng	99

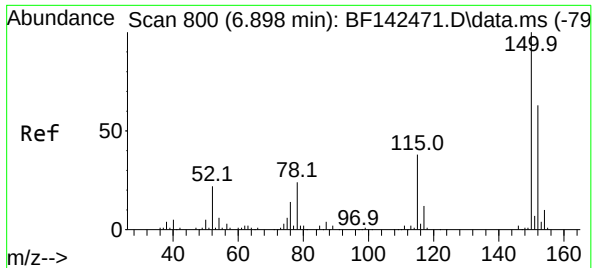
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142557.D
Acq On : 27 May 2025 12:39
Operator : RC/JU
Sample : PB168143BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168143BSD

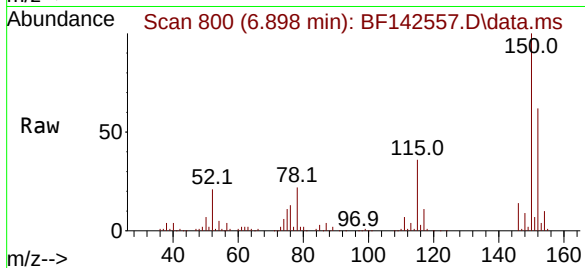
Quant Time: May 27 13:01:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



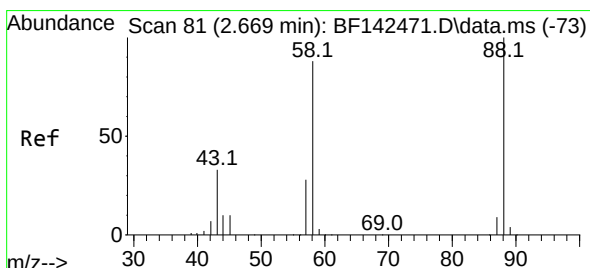
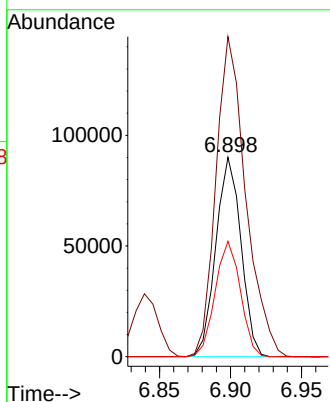
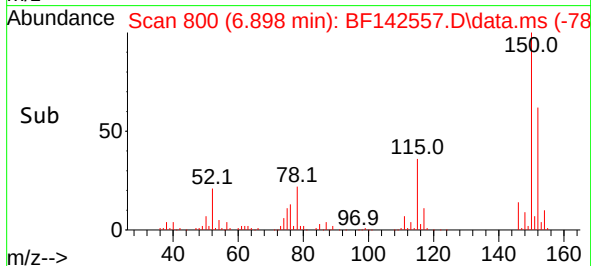


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

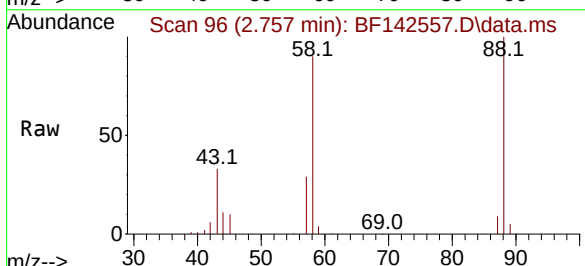
Instrument :
BNA_F
ClientSampleId :
PB168143BSD



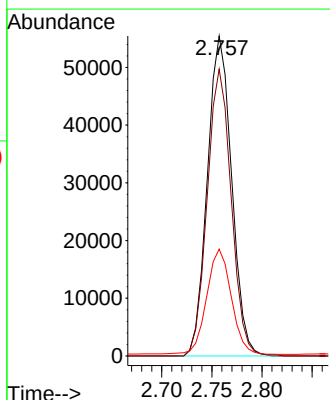
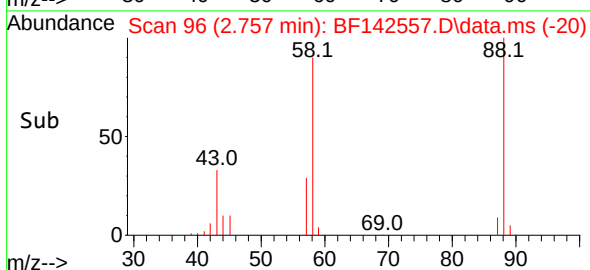
Tgt Ion:152 Resp: 110909
Ion Ratio Lower Upper
152 100
150 160.5 128.2 192.4
115 57.9 48.3 72.5

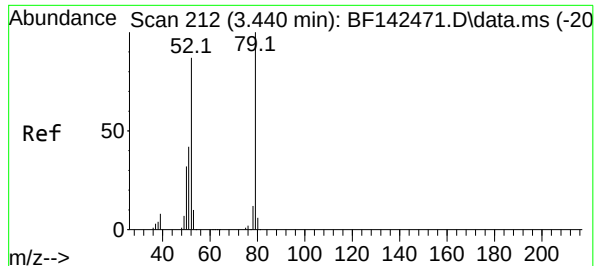


#2
1,4-Dioxane
Concen: 35.526 ng
RT: 2.757 min Scan# 96
Delta R.T. 0.094 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39



Tgt Ion: 88 Resp: 93586
Ion Ratio Lower Upper
88 100
58 88.6 70.8 106.2
43 33.6 26.6 40.0





#3

Pyridine

Concen: 39.473 ng

RT: 3.516 min Scan# 217

Delta R.T. 0.076 min

Lab File: BF142557.D

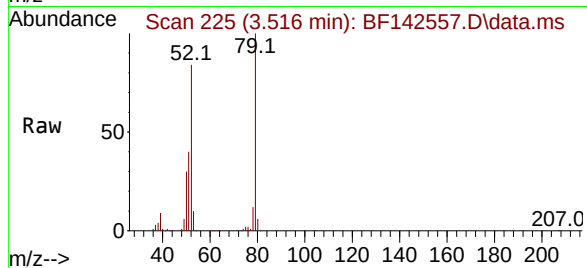
Acq: 27 May 2025 12:39

Instrument :

BNA_F

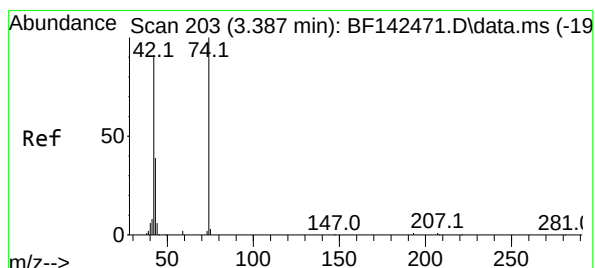
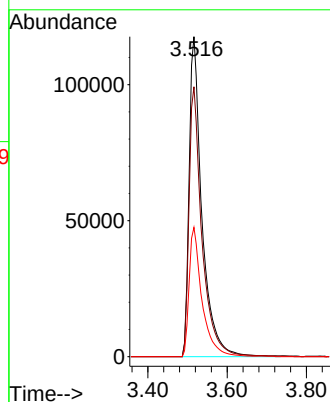
ClientSampleId :

PB168143BSD



Tgt Ion: 79 Resp: 264797

Ion	Ratio	Lower	Upper
79	100		
52	84.4	69.2	103.8
51	40.4	33.3	49.9



#4

n-Nitrosodimethylamine

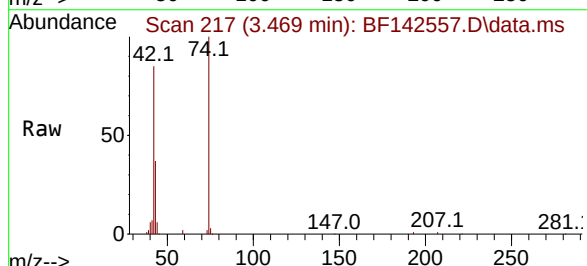
Concen: 41.643 ng

RT: 3.469 min Scan# 217

Delta R.T. 0.065 min

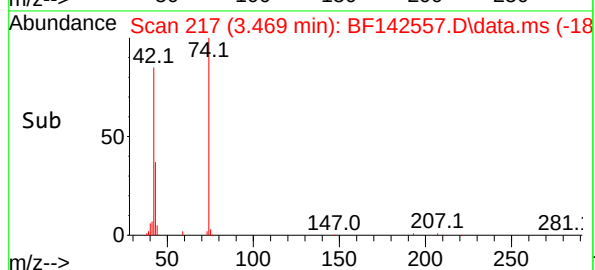
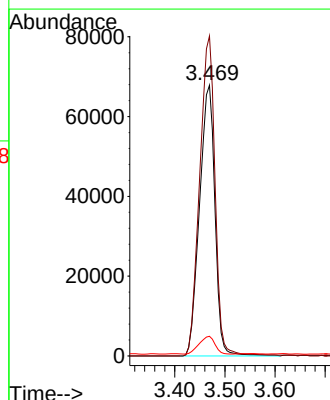
Lab File: BF142557.D

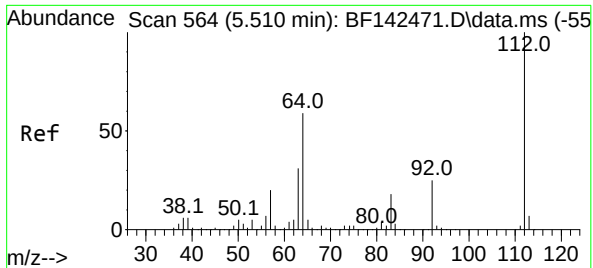
Acq: 27 May 2025 12:39



Tgt Ion: 42 Resp: 145045

Ion	Ratio	Lower	Upper
42	100		
74	118.2	88.2	132.4
44	7.3	5.4	8.2

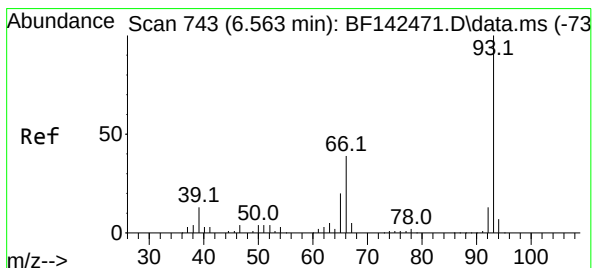
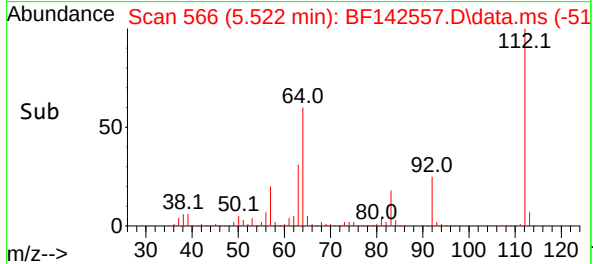
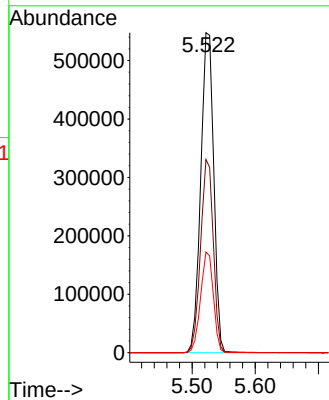
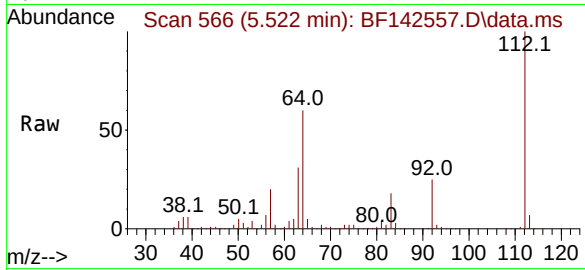




#5
2-Fluorophenol
Concen: 118.934 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

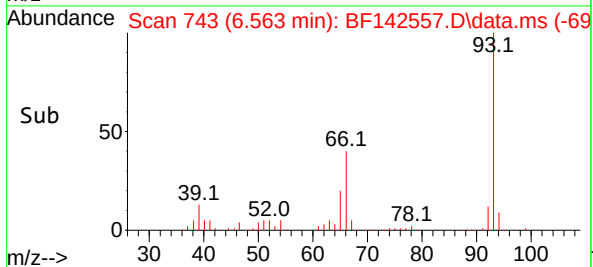
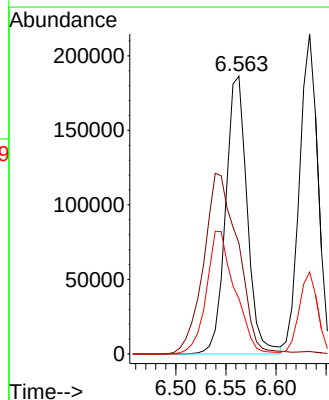
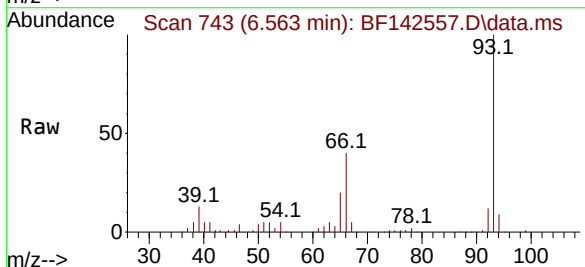
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

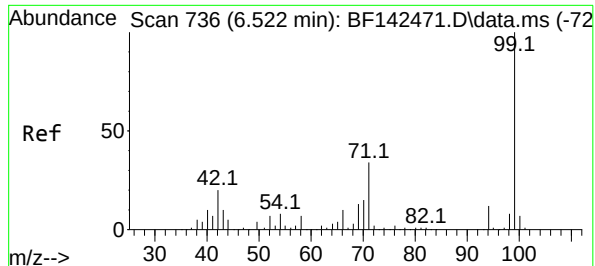
Tgt Ion:112 Resp: 782953
Ion Ratio Lower Upper
112 100
64 60.3 47.5 71.3
63 31.5 24.9 37.3



#6
Aniline
Concen: 26.078 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion: 93 Resp: 277863
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 19.9 16.1 24.1





#7

Phenol-d6

Concen: 120.712 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

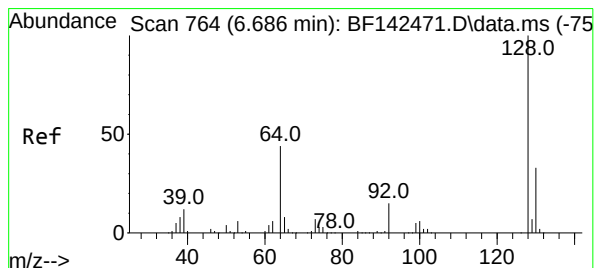
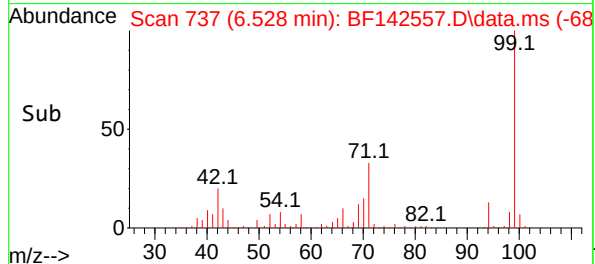
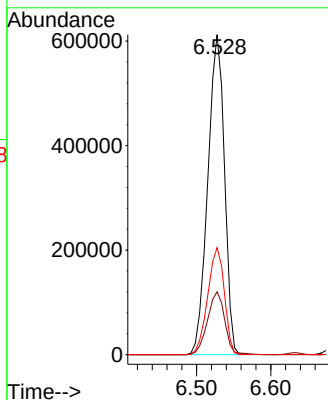
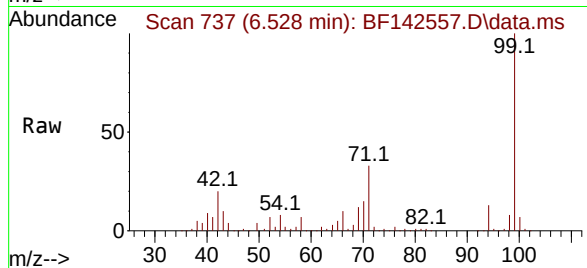
Tgt Ion: 99 Resp: 956580

Ion Ratio Lower Upper

99 100

42 19.6 16.2 24.2

71 33.5 27.3 40.9



#8

2-Chlorophenol

Concen: 43.418 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

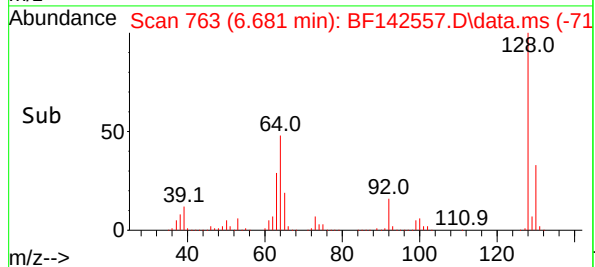
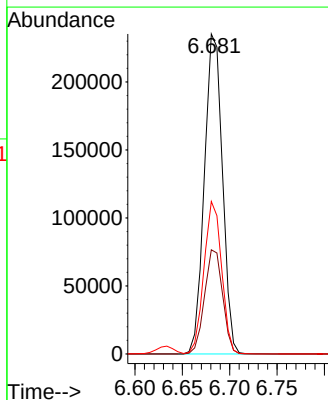
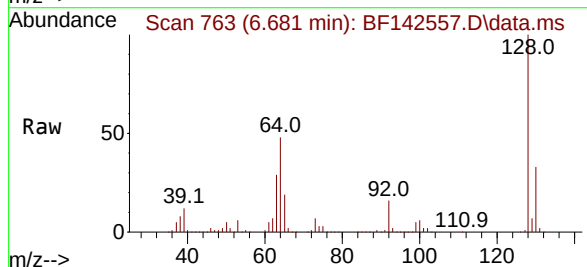
Tgt Ion:128 Resp: 311327

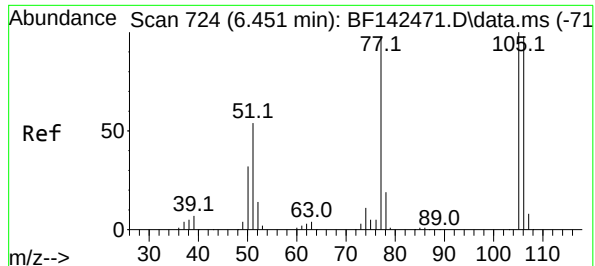
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 47.6 25.1 65.1

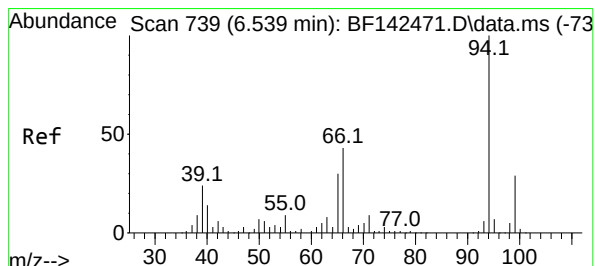
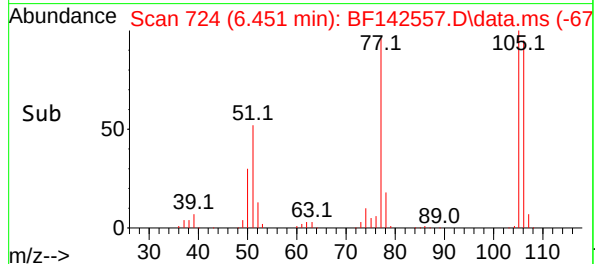
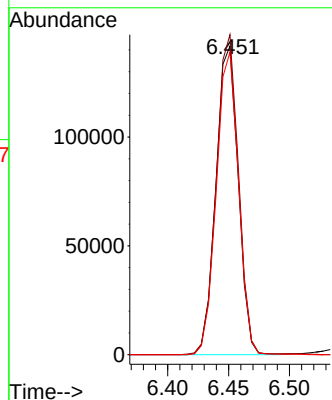
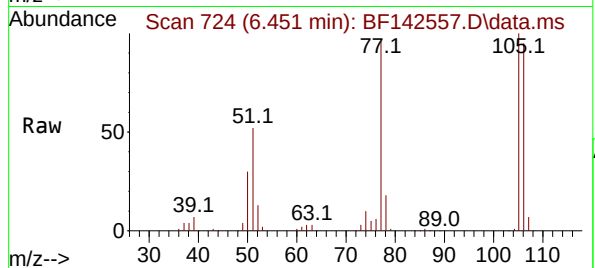




#9
Benzaldehyde
Concen: 37.889 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

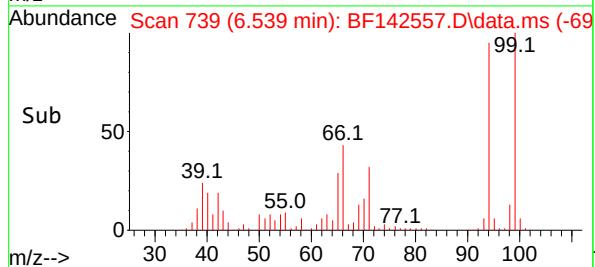
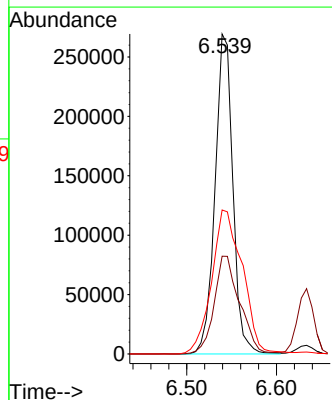
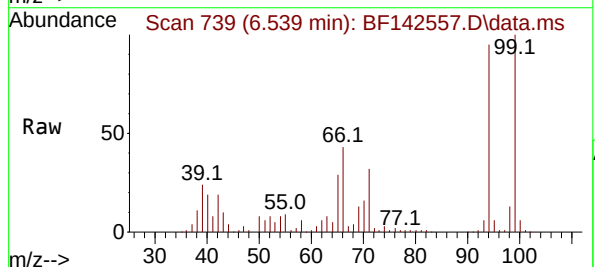
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

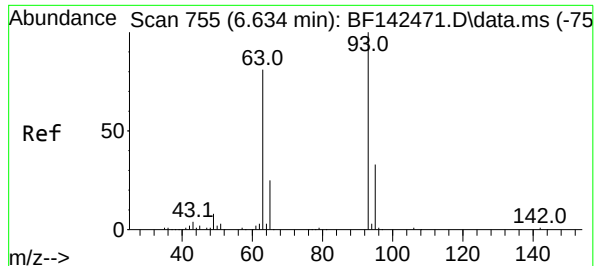
Tgt Ion: 77 Resp: 180591
Ion Ratio Lower Upper
77 100
105 103.7 82.5 122.5
106 98.1 80.0 120.0



#10
Phenol
Concen: 41.674 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion: 94 Resp: 371595
Ion Ratio Lower Upper
94 100
65 30.6 10.3 50.3
66 45.0 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 42.510 ng

RT: 6.634 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

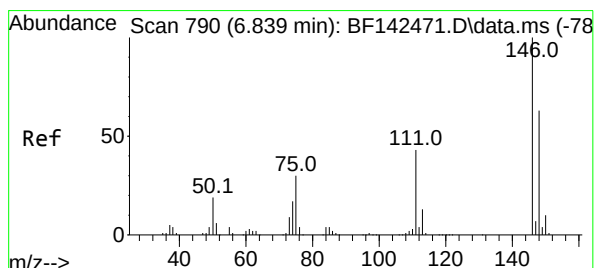
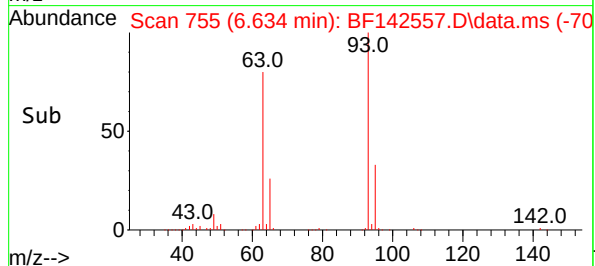
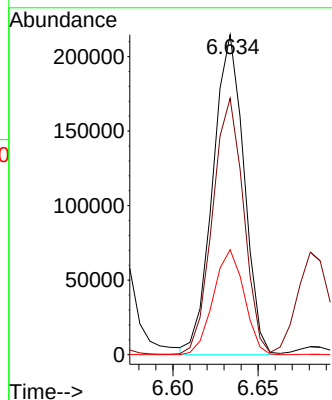
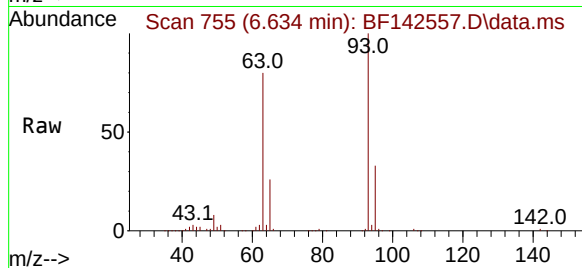
Tgt Ion: 93 Resp: 272853

Ion Ratio Lower Upper

93 100

63 80.1 60.2 100.2

95 32.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.641 ng

RT: 6.839 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

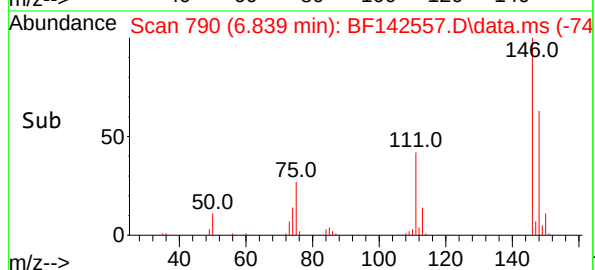
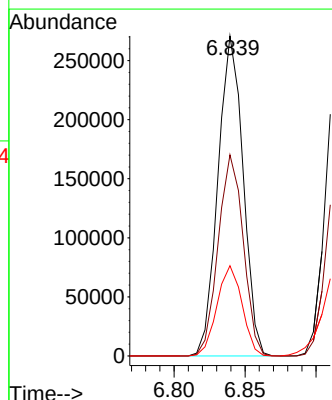
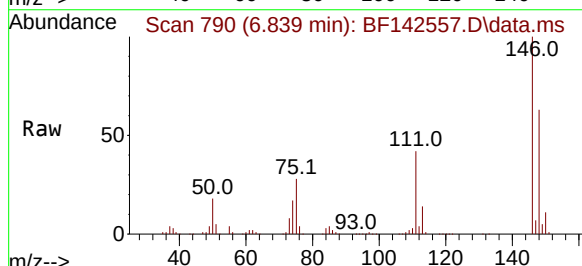
Tgt Ion:146 Resp: 333178

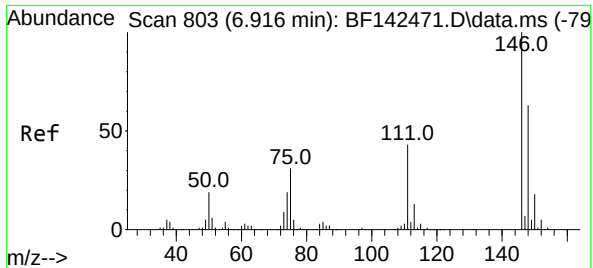
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

75 28.2 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 41.796 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

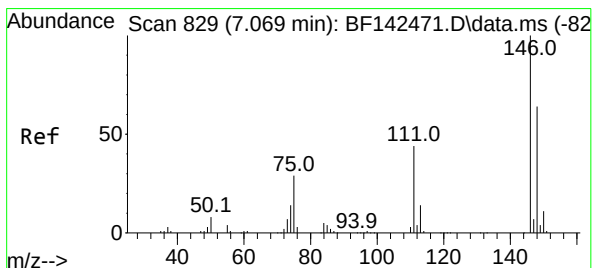
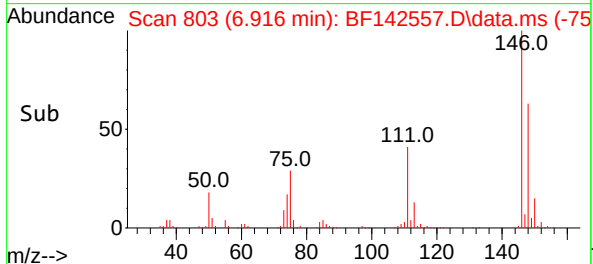
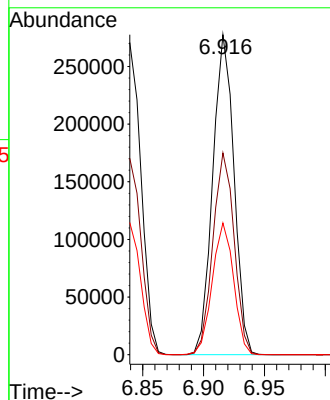
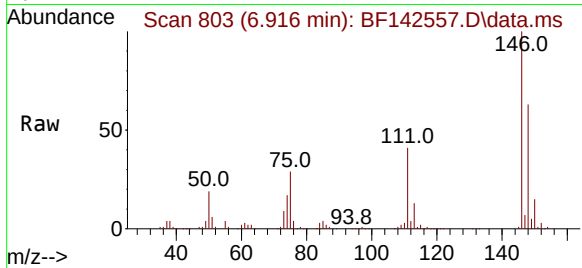
Tgt Ion:146 Resp: 336857

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

111 41.2 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.526 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

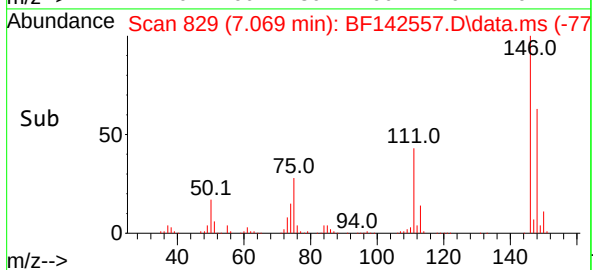
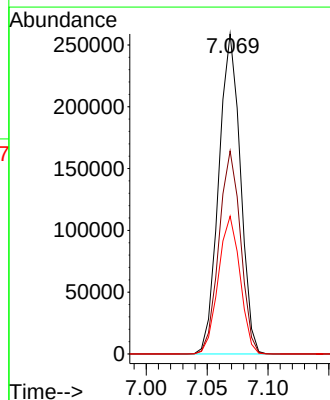
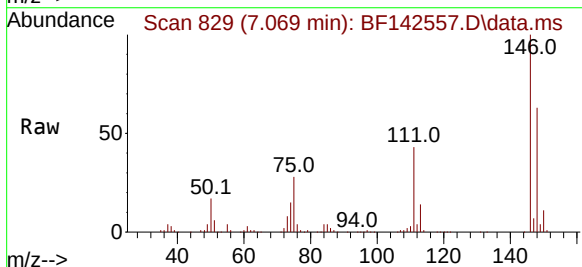
Tgt Ion:146 Resp: 320246

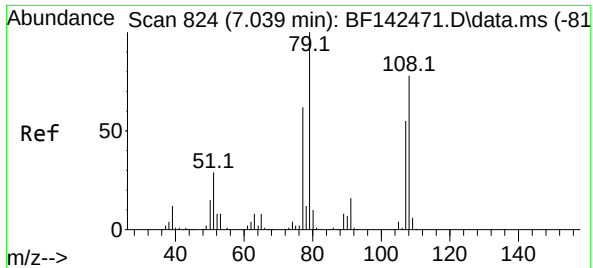
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

111 43.0 35.0 52.6





#15

Benzyl Alcohol

Concen: 43.119 ng

RT: 7.039 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

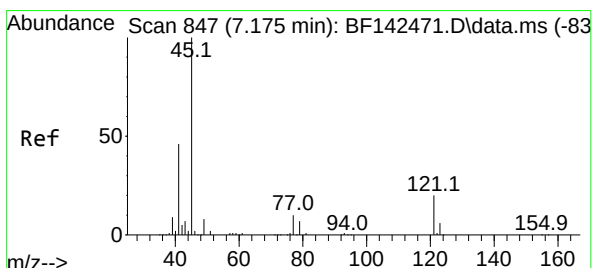
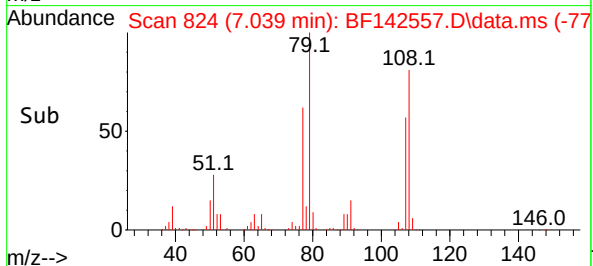
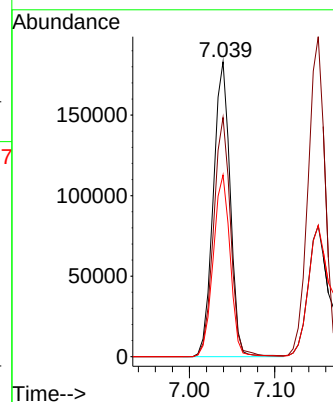
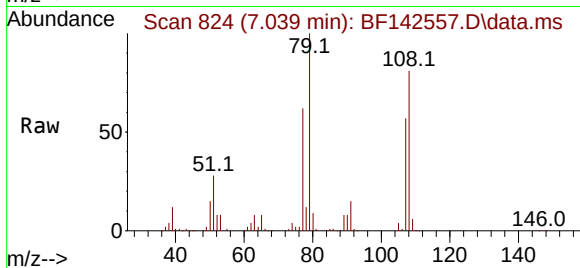
Tgt Ion: 79 Resp: 252511

Ion Ratio Lower Upper

79 100

108 81.1 62.1 93.1

77 61.6 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.477 ng

RT: 7.169 min Scan# 846

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

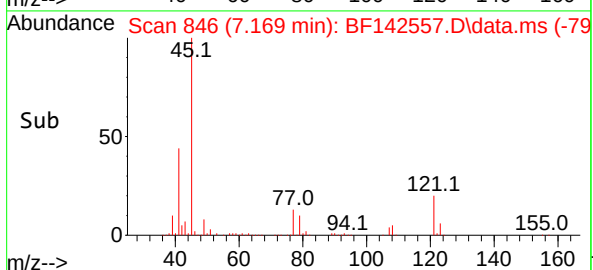
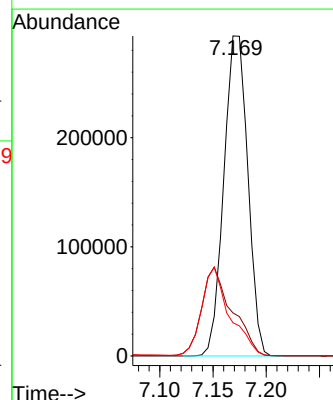
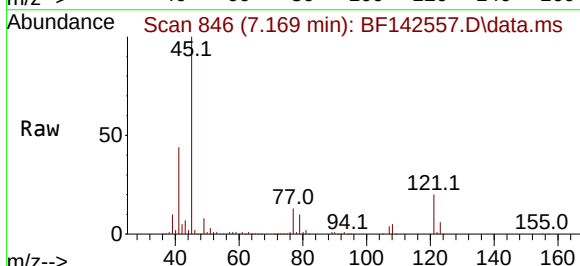
Tgt Ion: 45 Resp: 457857

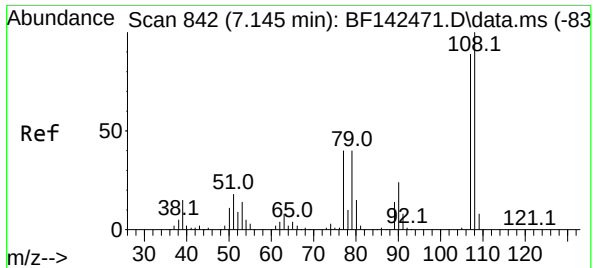
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.0

79 10.4 0.0 29.2

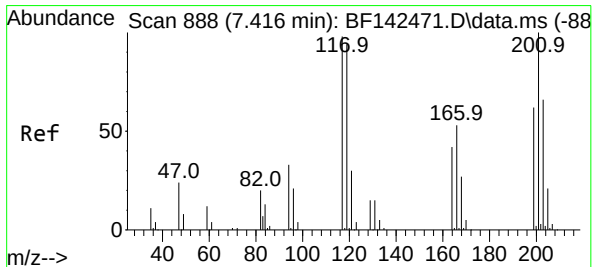
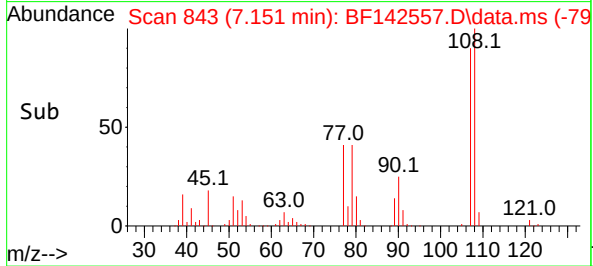
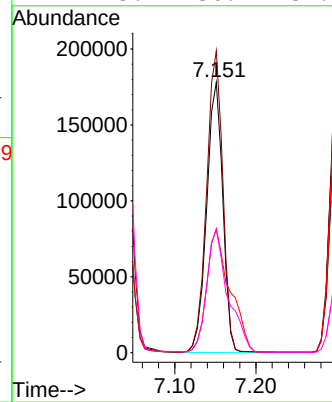
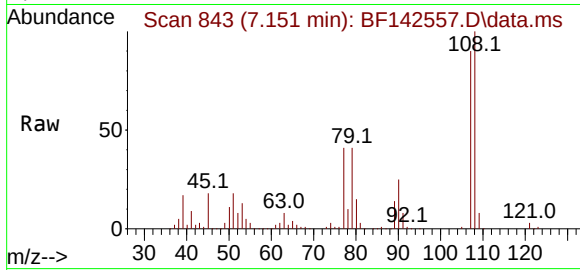




#17
2-Methylphenol
Concen: 43.819 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

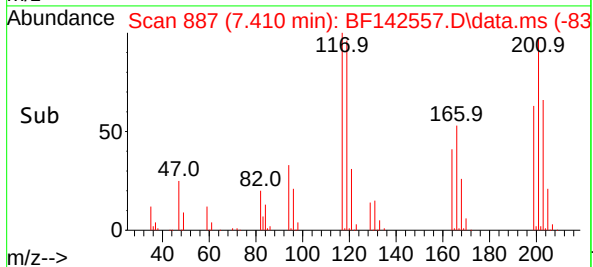
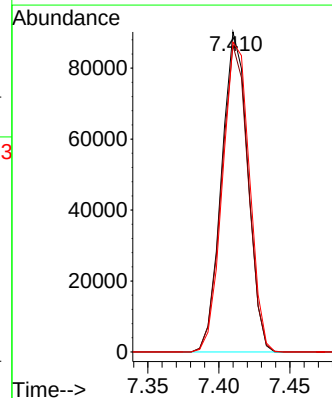
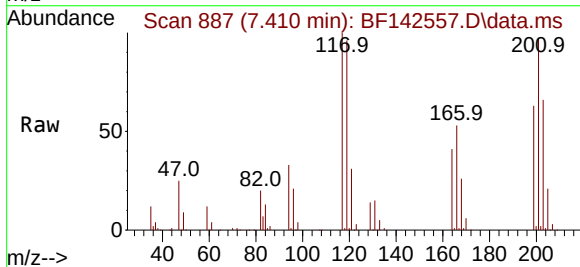
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

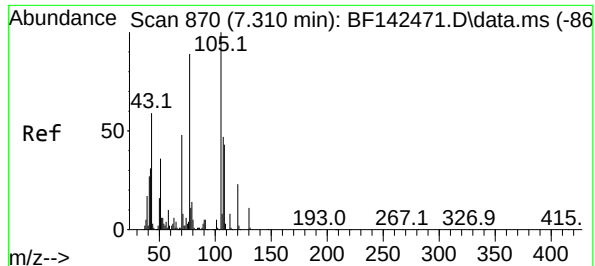
Tgt Ion:107 Resp: 245308
Ion Ratio Lower Upper
107 100
108 111.7 90.2 135.2
77 45.8 36.1 54.1
79 45.7 36.2 54.4



#18
Hexachloroethane
Concen: 41.219 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:117 Resp: 116003
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 96.8 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.045 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142557.D

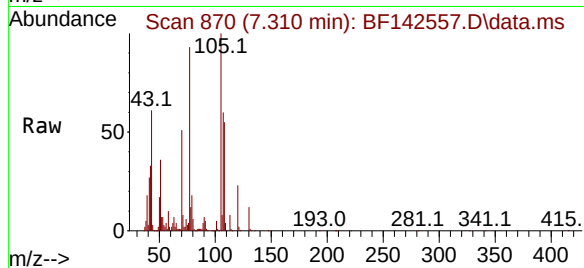
Acq: 27 May 2025 12:39

Instrument :

BNA_F

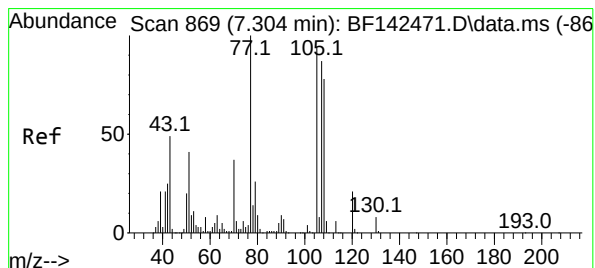
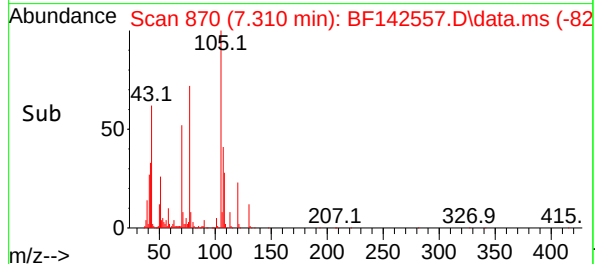
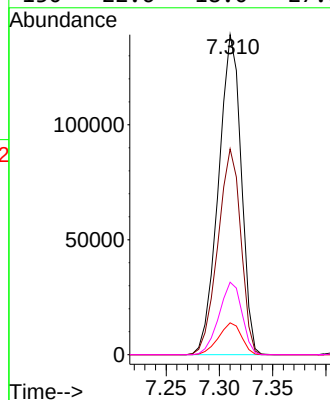
ClientSampleId :

PB168143BSD



Tgt Ion: 70 Resp: 206493

Ion	Ratio	Lower	Upper
70	100		
42	64.3	52.4	78.6
101	9.9	7.8	11.8
130	22.6	18.0	27.0



#20

3+4-Methylphenols

Concen: 41.997 ng

RT: 7.304 min Scan# 869

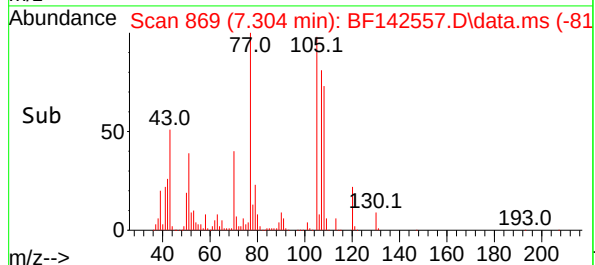
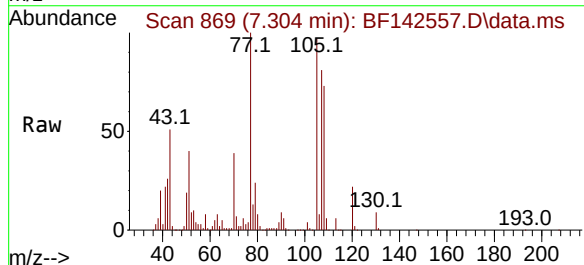
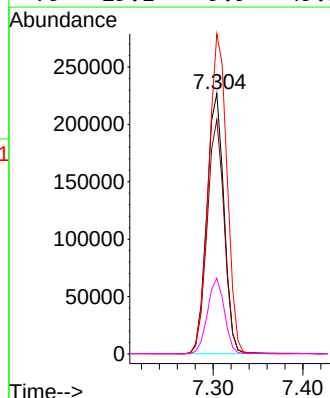
Delta R.T. -0.006 min

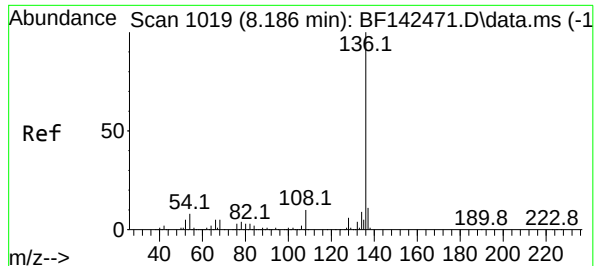
Lab File: BF142557.D

Acq: 27 May 2025 12:39

Tgt Ion: 107 Resp: 301076

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.4	110.4
77	122.9	95.4	135.4
79	29.1	9.9	49.9

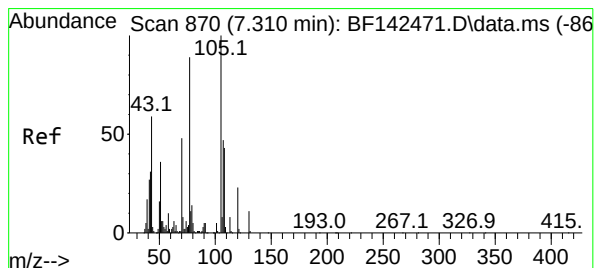
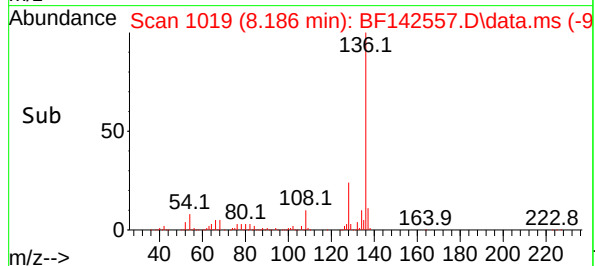
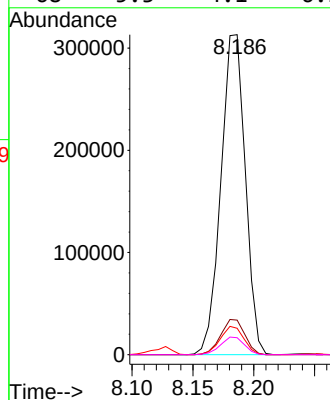
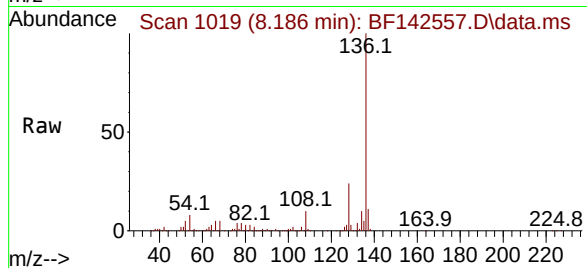




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

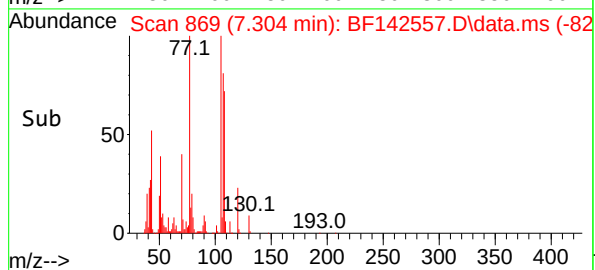
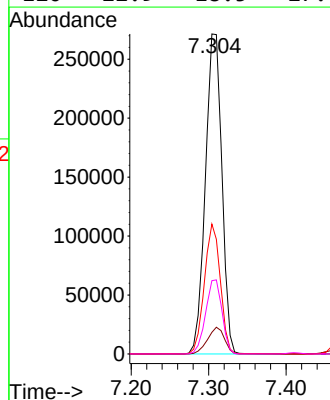
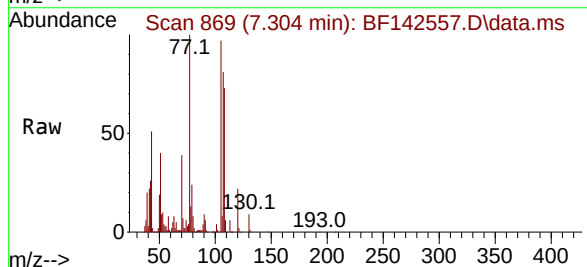
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

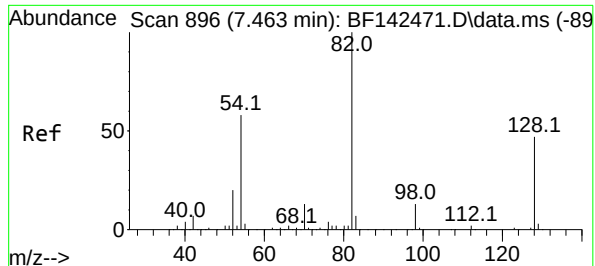
Tgt Ion:136 Resp: 436992
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 41.464 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:105 Resp: 401105
Ion Ratio Lower Upper
105 100
71 6.8 6.4 9.6
51 40.6 28.6 42.8
120 22.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 73.815 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

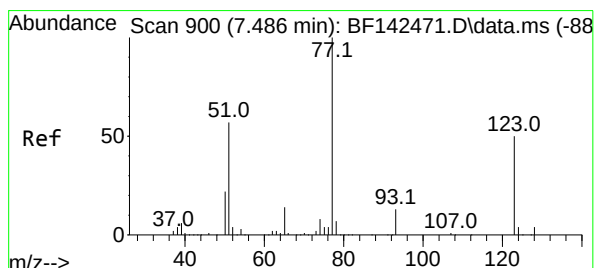
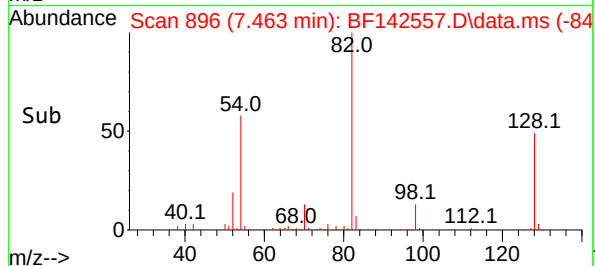
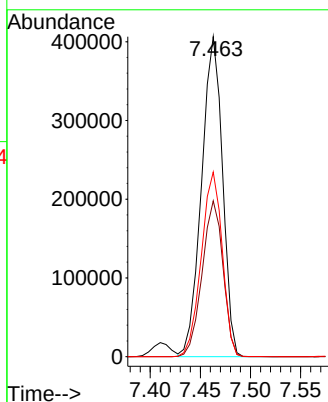
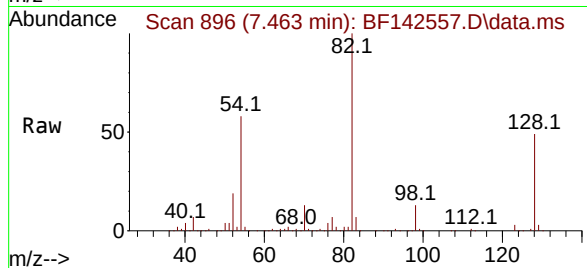
Tgt Ion: 82 Resp: 591552

Ion Ratio Lower Upper

82 100

128 48.7 37.4 56.2

54 57.7 46.6 70.0



#24

Nitrobenzene

Concen: 41.964 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

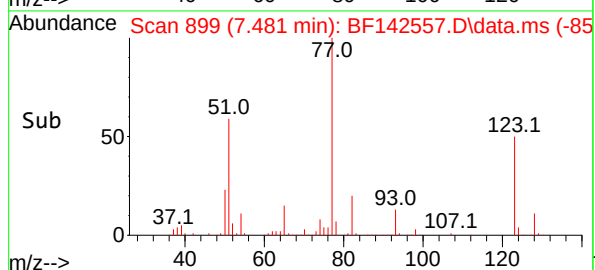
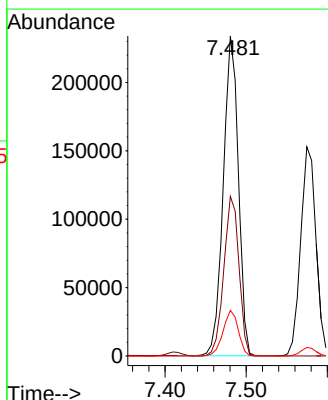
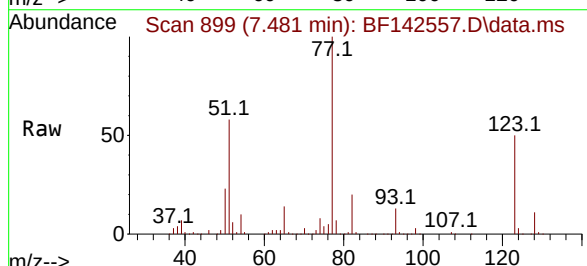
Tgt Ion: 77 Resp: 303312

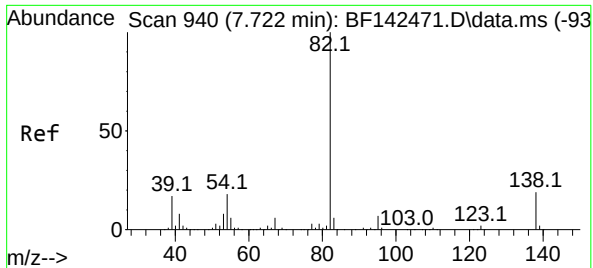
Ion Ratio Lower Upper

77 100

123 49.9 40.6 61.0

65 14.3 11.4 17.2

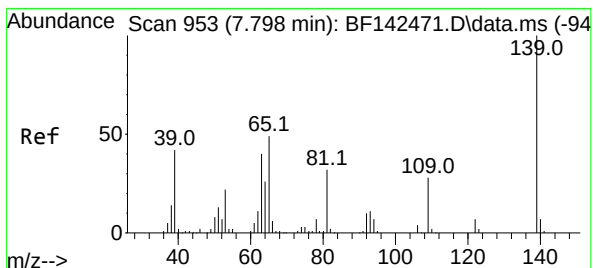
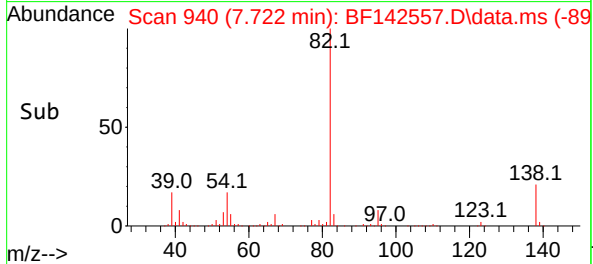
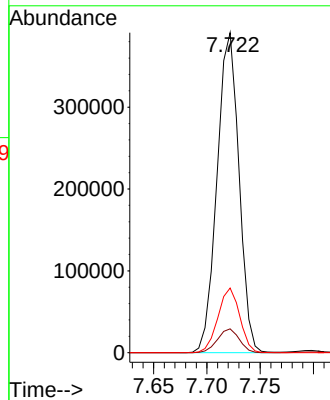
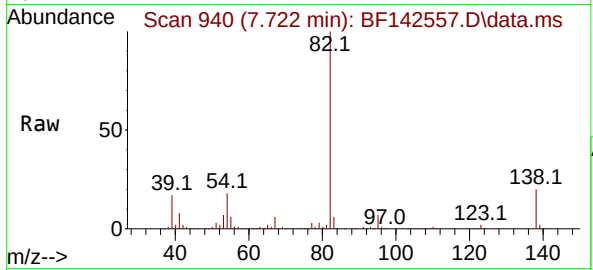




#25
Isophorone
Concen: 41.780 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

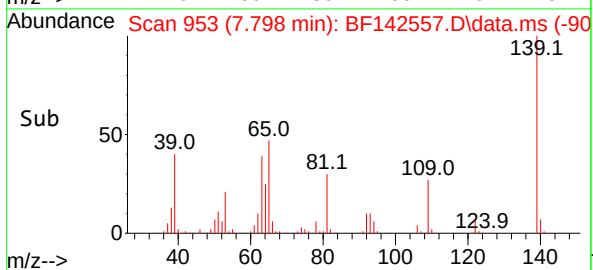
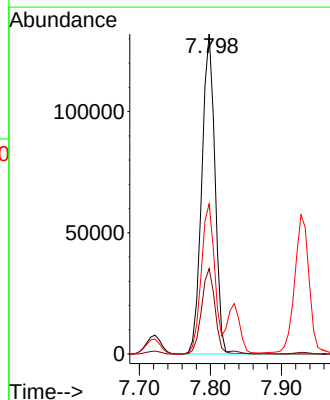
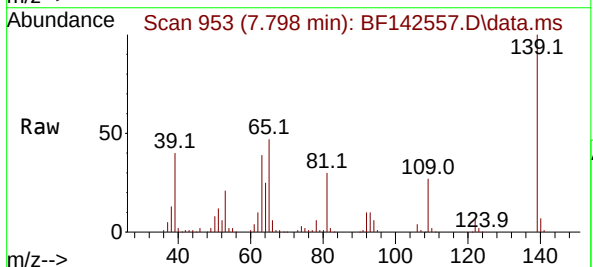
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

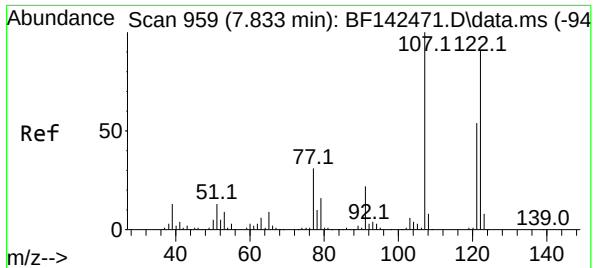
Tgt Ion: 82 Resp: 559801
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.2 15.5 23.3



#26
2-Nitrophenol
Concen: 44.192 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion: 139 Resp: 170673
Ion Ratio Lower Upper
139 100
109 26.7 22.6 33.8
65 46.9 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 43.550 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

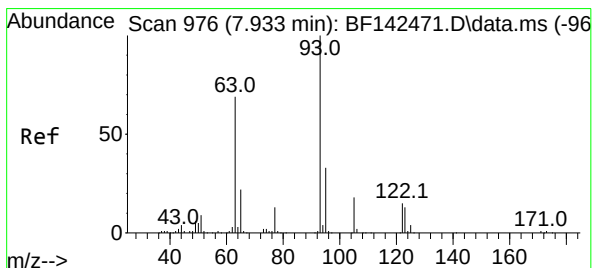
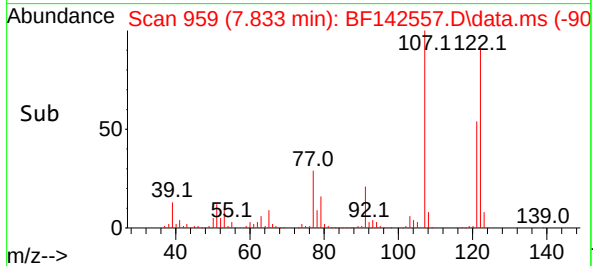
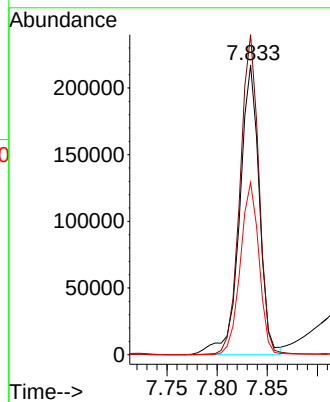
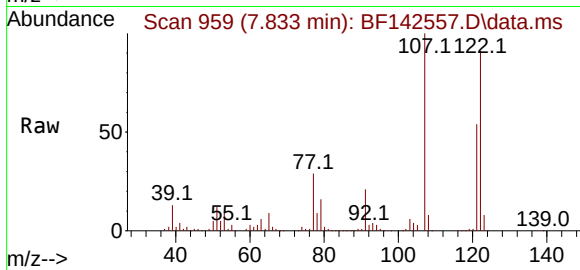
BNA_F

ClientSampleId :

PB168143BSD

Tgt Ion:122 Resp: 296614

Ion	Ratio	Lower	Upper
122	100		
107	110.5	88.1	132.1
121	59.4	47.3	70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.459 ng

RT: 7.928 min Scan# 975

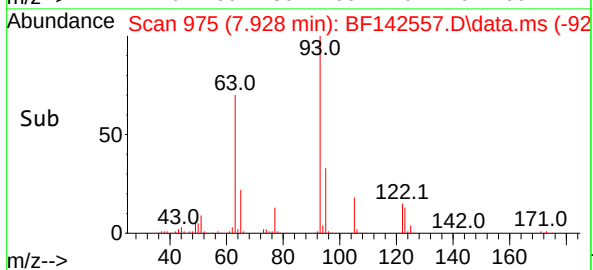
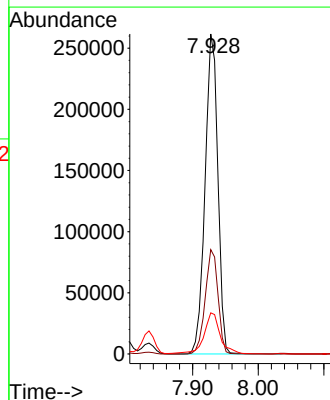
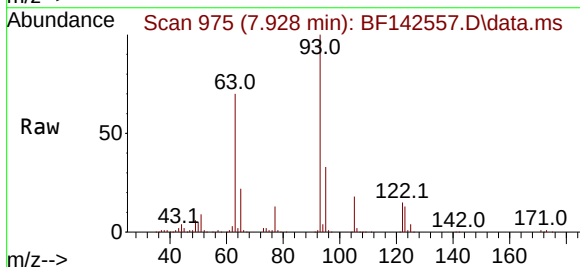
Delta R.T. -0.012 min

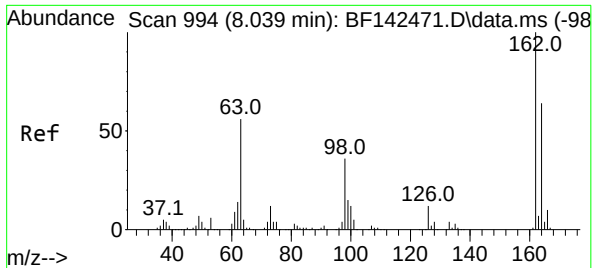
Lab File: BF142557.D

Acq: 27 May 2025 12:39

Tgt Ion: 93 Resp: 355377

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	12.8	10.6	15.8





#29

2,4-Dichlorophenol

Concen: 43.272 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

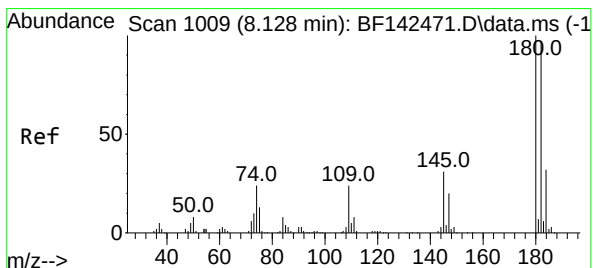
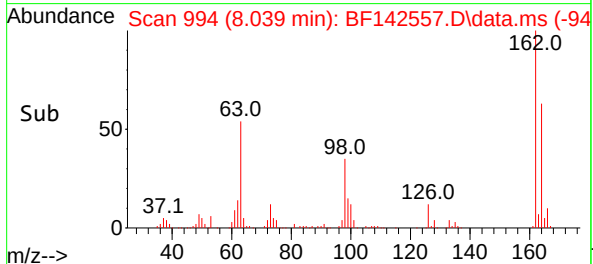
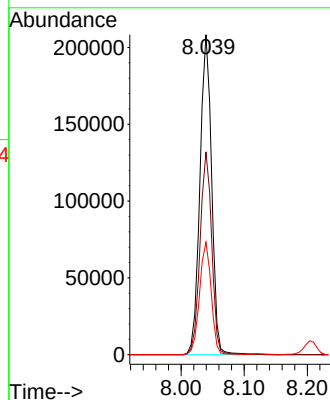
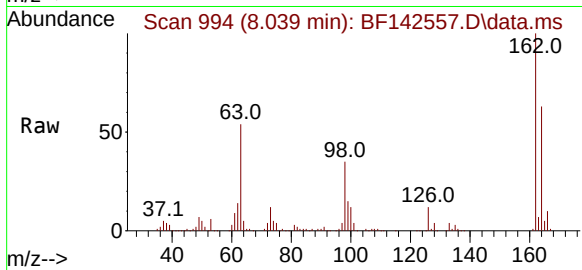
Tgt Ion:162 Resp: 268022

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 35.2 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 42.118 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

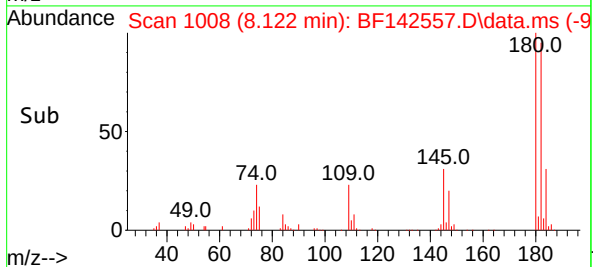
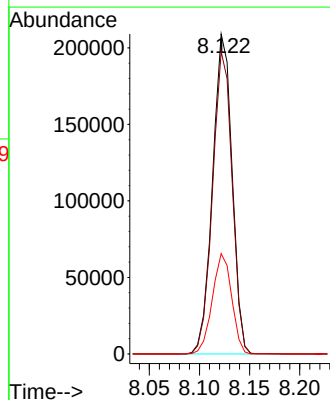
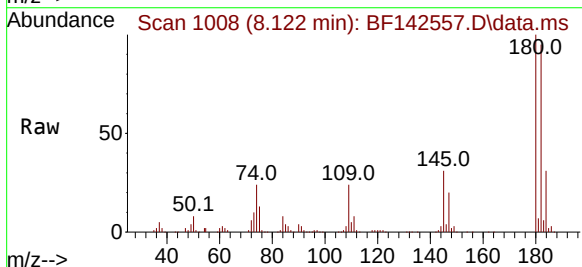
Tgt Ion:180 Resp: 283124

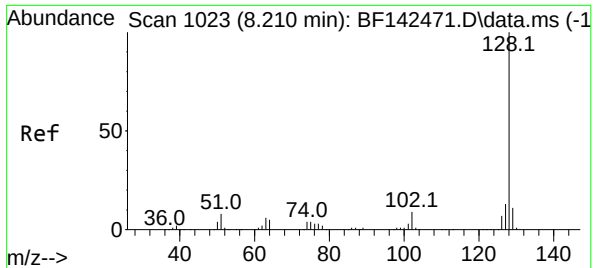
Ion Ratio Lower Upper

180 100

182 94.5 78.0 117.0

145 31.4 25.0 37.6





#31

Naphthalene

Concen: 41.878 ng

RT: 8.204 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

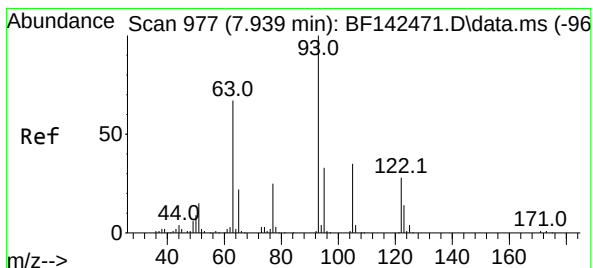
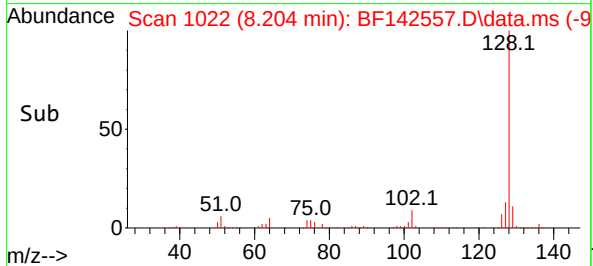
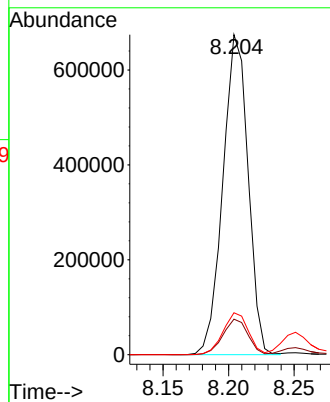
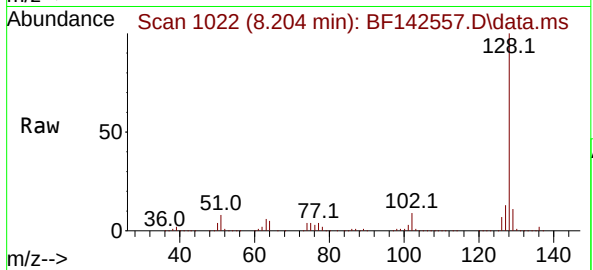
Tgt Ion:128 Resp: 901109

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 47.663 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.024 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

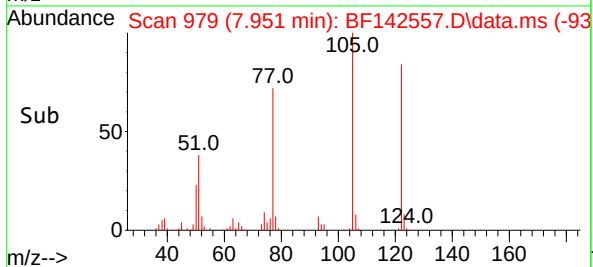
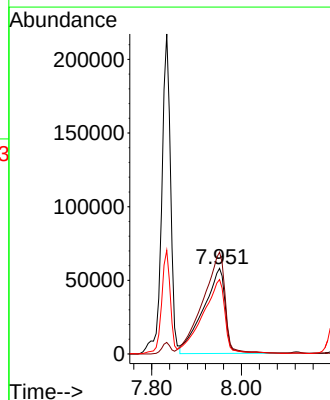
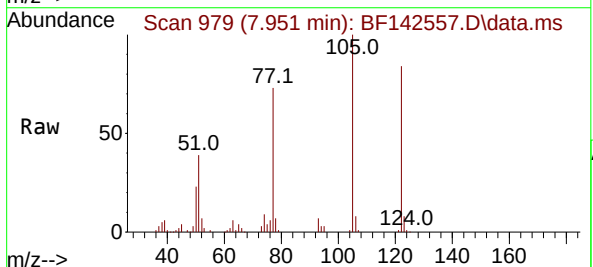
Tgt Ion:122 Resp: 197606

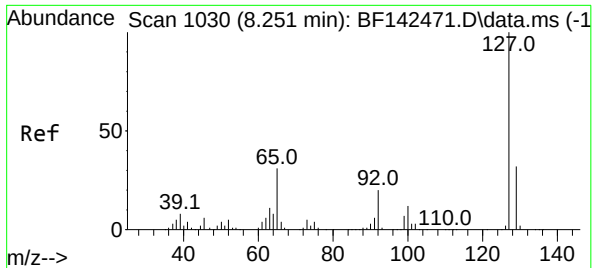
Ion Ratio Lower Upper

122 100

105 119.0 101.7 141.7

77 87.1 69.5 109.5

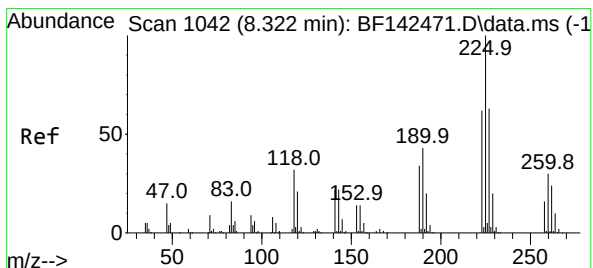
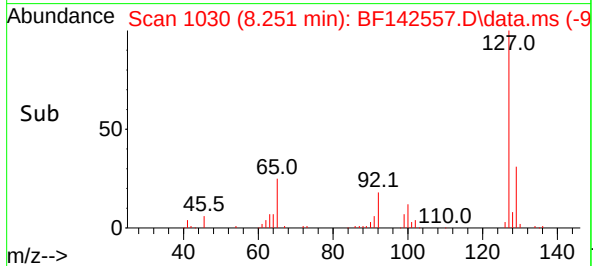
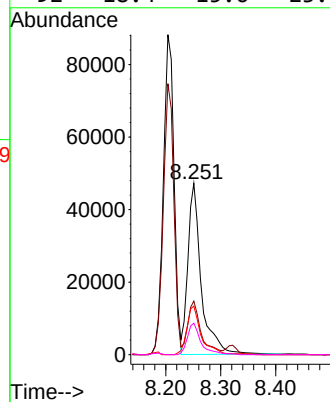
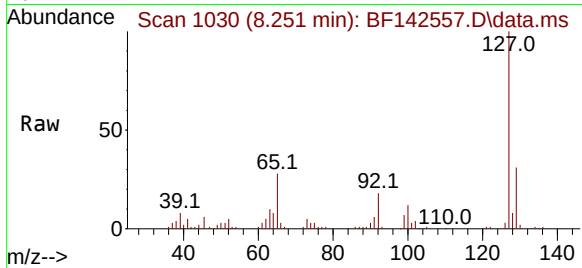




#33
4-Chloroaniline
Concen: 9.162 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

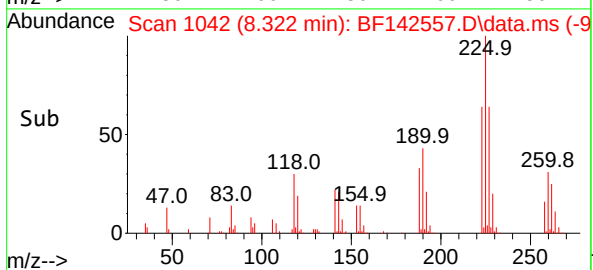
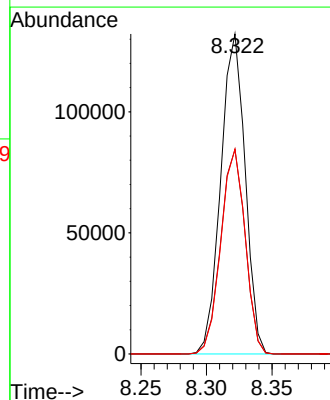
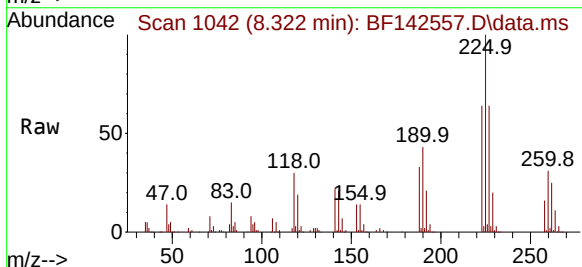
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

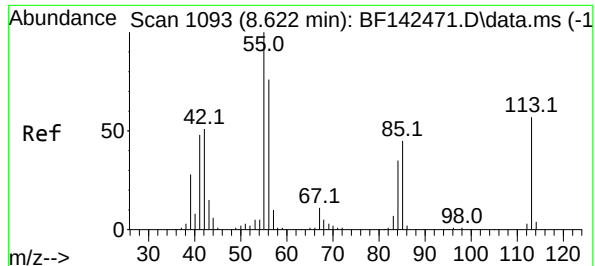
Tgt Ion:127	Resp:	79880
Ion	Ratio	Lower Upper
127	100	
129	31.3	26.1 39.1
65	28.3	24.9 37.3
92	18.4	15.6 23.4



#34
Hexachlorobutadiene
Concen: 40.695 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:225	Resp:	170806
Ion	Ratio	Lower Upper
225	100	
223	63.9	49.7 74.5
227	64.0	50.3 75.5





#35

Caprolactam

Concen: 48.036 ng m

RT: 8.622 min Scan# 1093

Delta R.T. -0.024 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

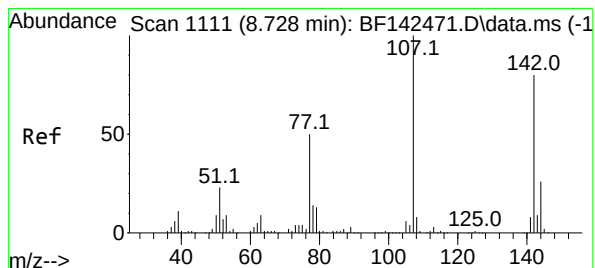
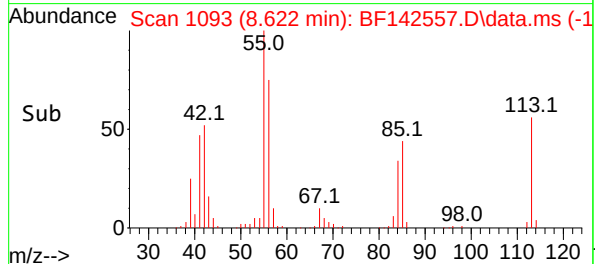
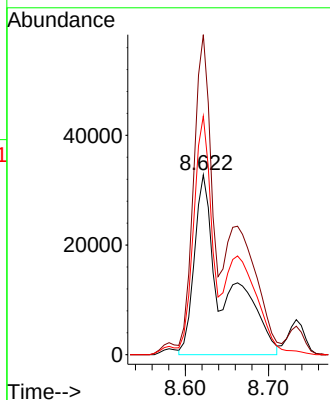
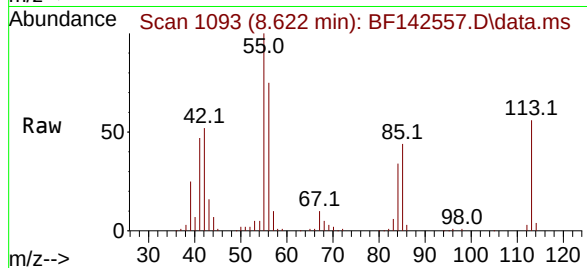
Tgt Ion:113 Resp: 83564

Ion Ratio Lower Upper

113 100

55 177.9 154.7 194.7

56 132.6 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 43.905 ng

RT: 8.733 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

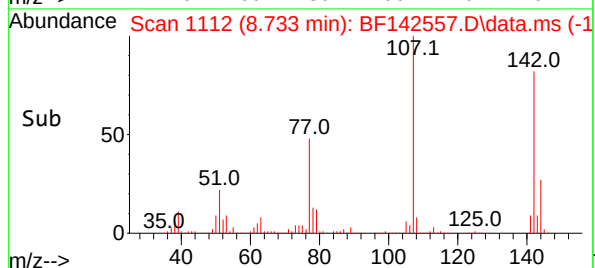
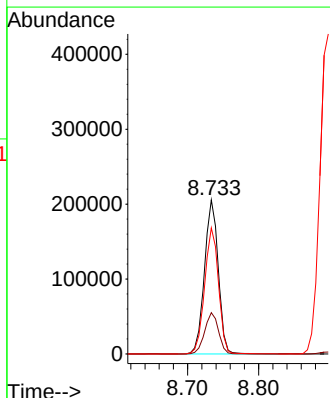
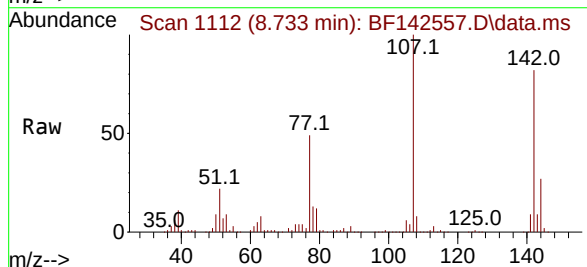
Tgt Ion:107 Resp: 278698

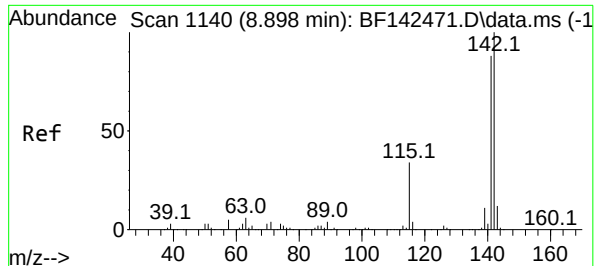
Ion Ratio Lower Upper

107 100

144 26.8 20.9 31.3

142 81.9 64.2 96.2





#37

2-Methylnaphthalene

Concen: 41.728 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

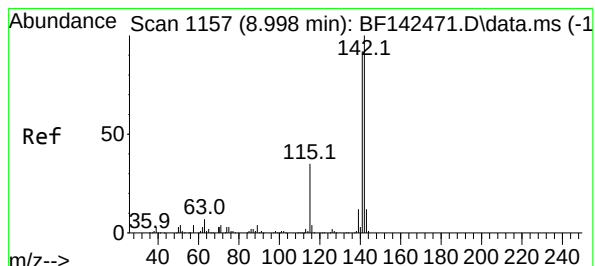
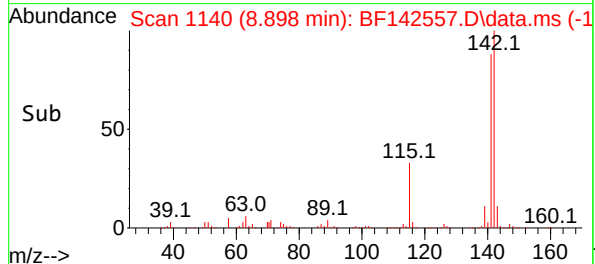
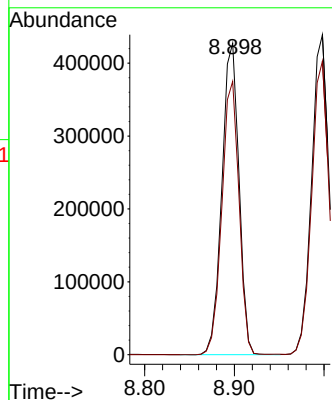
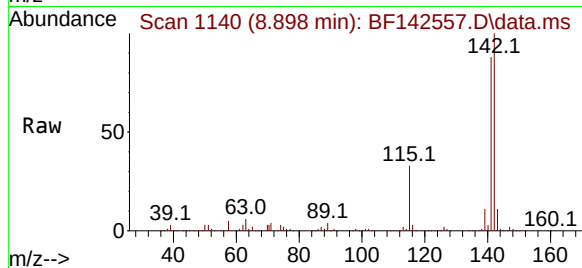
PB168143BSD

Tgt Ion:142 Resp: 564873

Ion Ratio Lower Upper

142 100

141 87.8 70.7 106.1



#38

1-Methylnaphthalene

Concen: 41.621 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142557.D

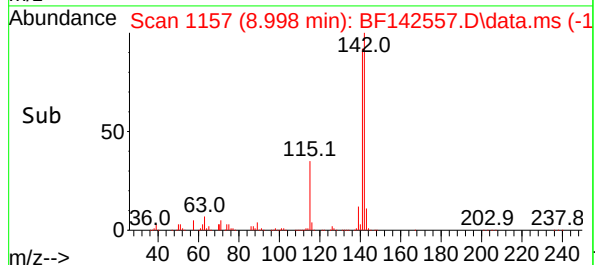
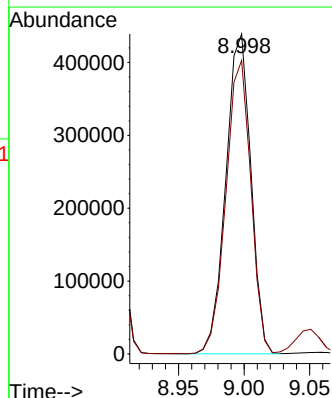
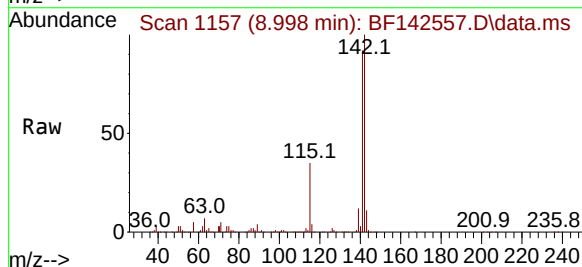
Acq: 27 May 2025 12:39

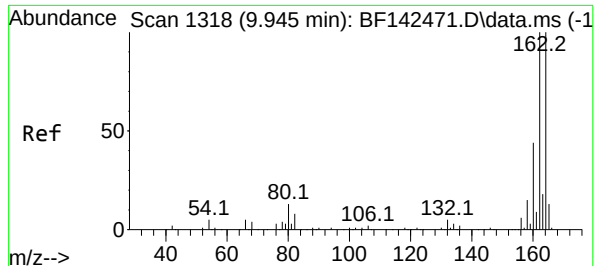
Tgt Ion:142 Resp: 582789

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

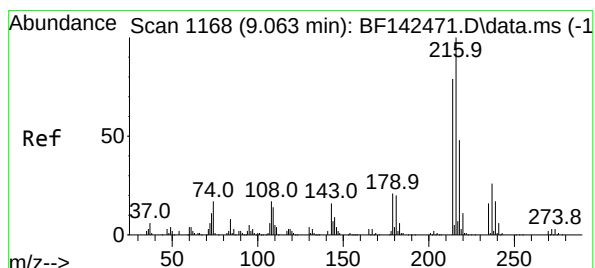
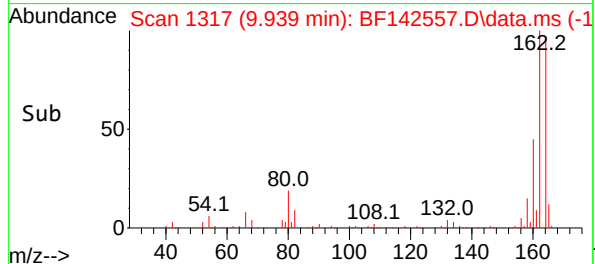
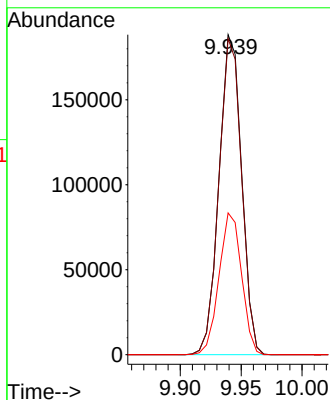
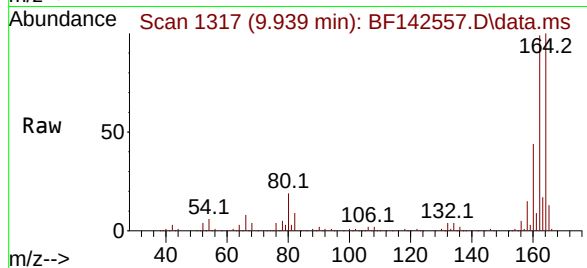
Tgt Ion:164 Resp: 243793

Ion Ratio Lower Upper

164 100

162 98.8 80.2 120.4

160 44.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.068 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Tgt Ion:216 Resp: 287406

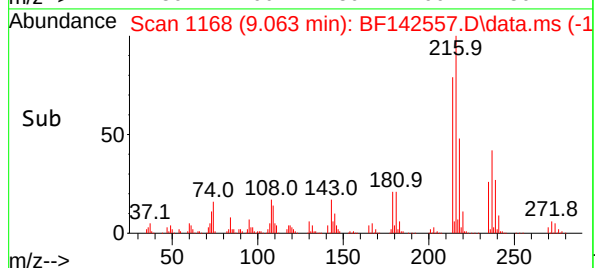
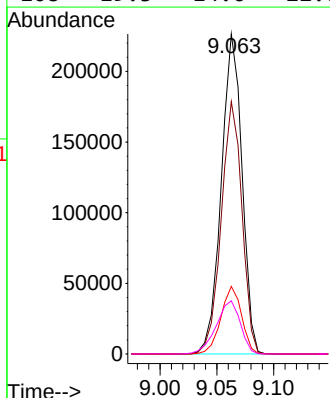
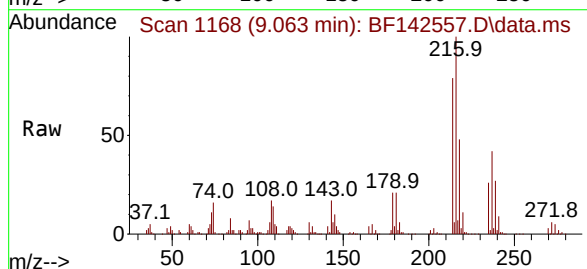
Ion Ratio Lower Upper

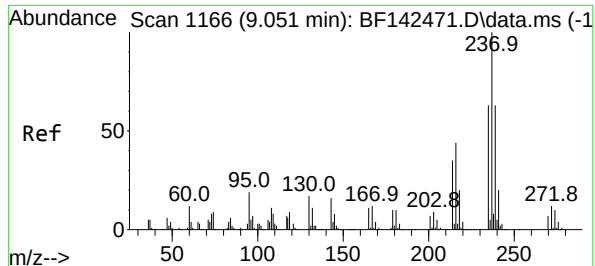
216 100

214 78.8 62.9 94.3

179 21.0 16.9 25.3

108 19.3 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 84.106 ng

RT: 9.051 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

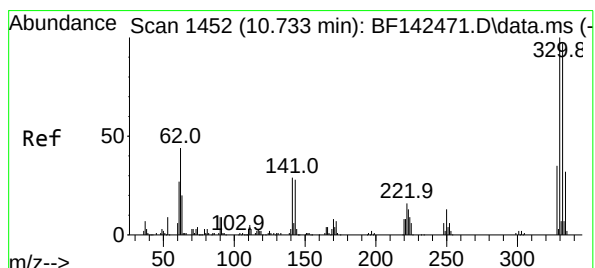
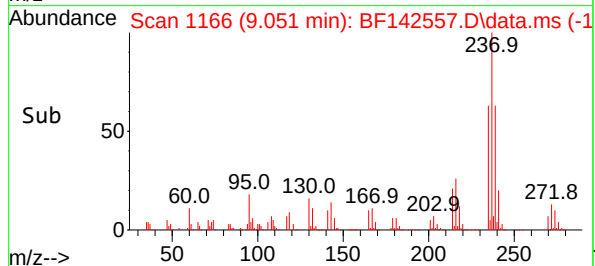
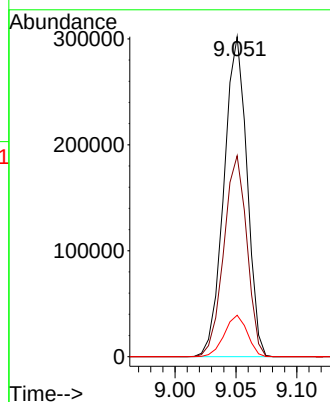
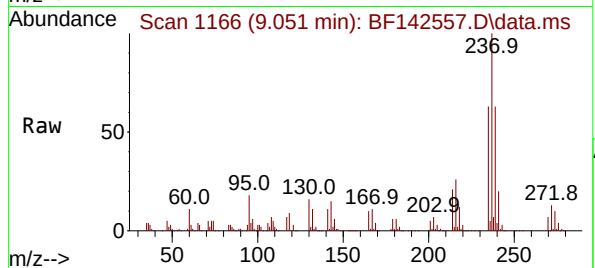
Tgt Ion:237 Resp: 397060

Ion Ratio Lower Upper

237 100

235 62.8 43.3 83.3

272 13.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 126.562 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

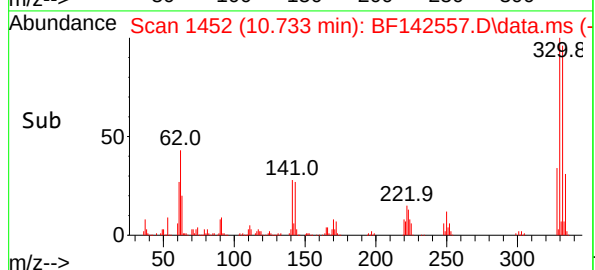
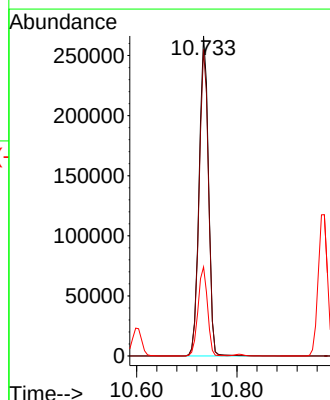
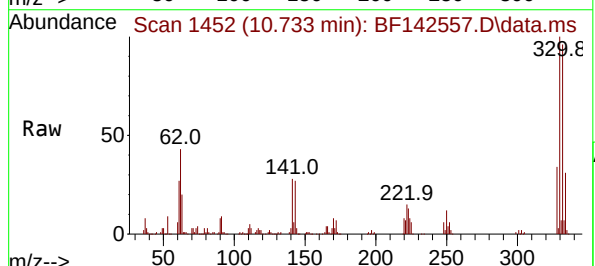
Tgt Ion:330 Resp: 342451

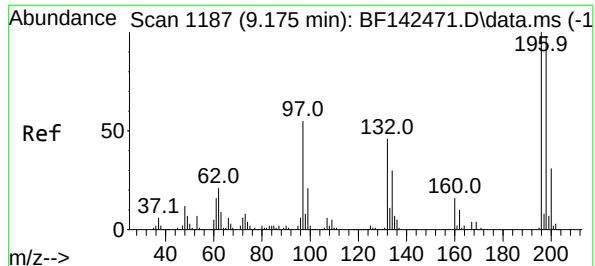
Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

141 28.1 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 42.906 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

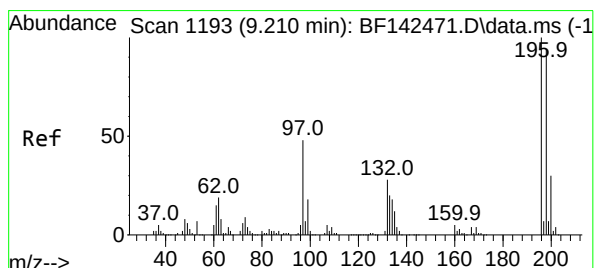
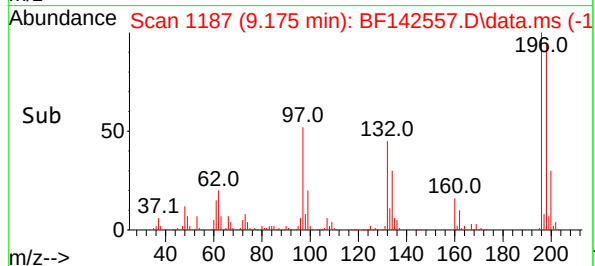
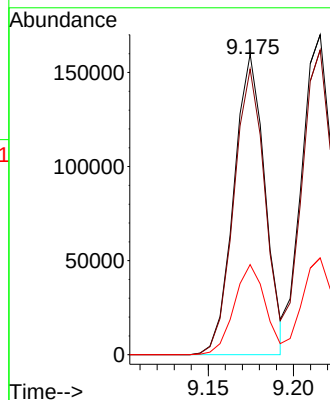
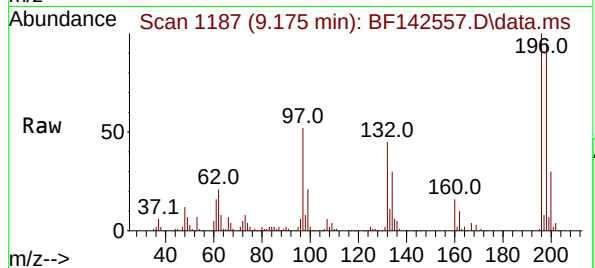
Tgt Ion:196 Resp: 202473

Ion Ratio Lower Upper

196 100

198 95.0 78.8 118.2

200 30.0 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 43.374 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Tgt Ion:196 Resp: 215868

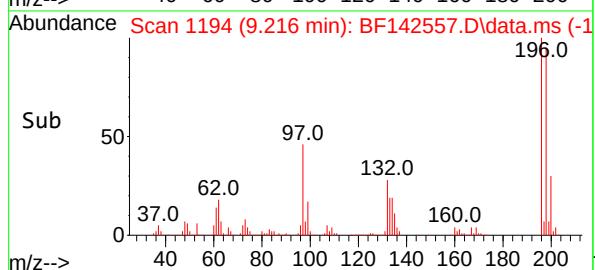
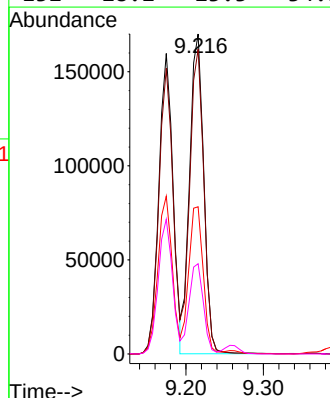
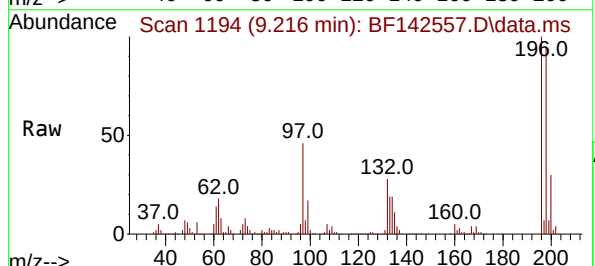
Ion Ratio Lower Upper

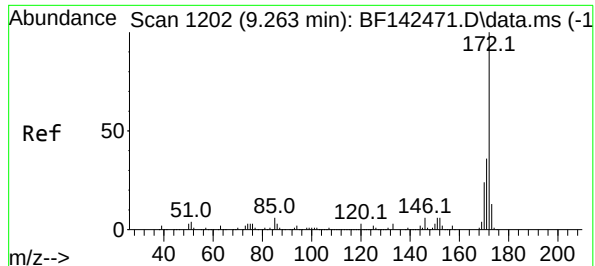
196 100

198 95.3 75.5 113.3

97 46.0 39.3 58.9

132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 70.682 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

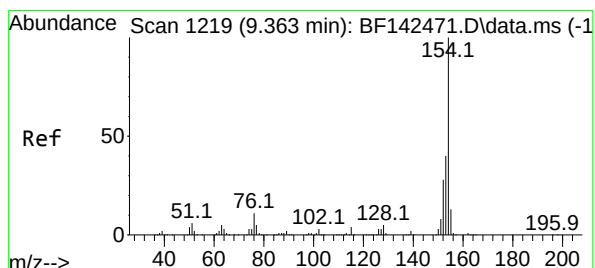
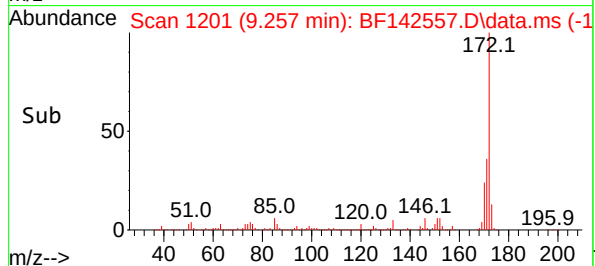
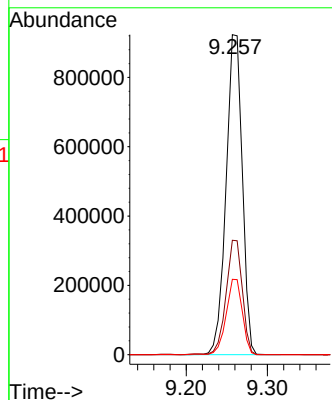
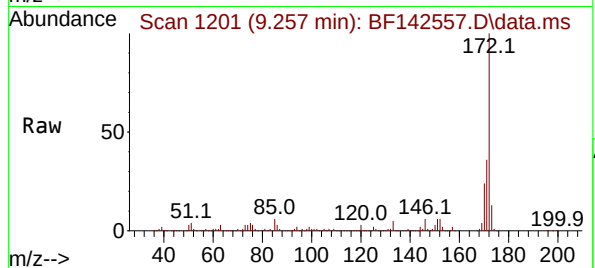
Tgt Ion:172 Resp: 1284176

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.719 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

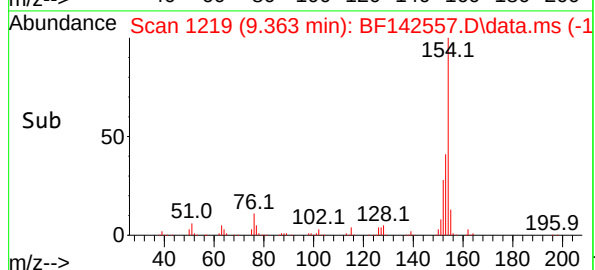
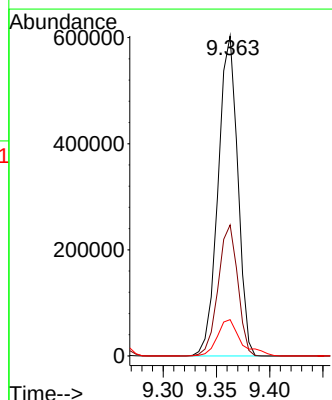
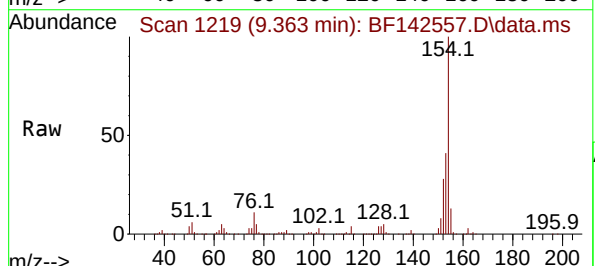
Tgt Ion:154 Resp: 770161

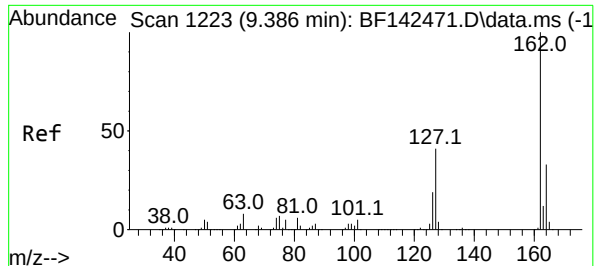
Ion Ratio Lower Upper

154 100

153 41.0 20.4 60.4

76 11.4 0.0 30.8





#47

2-Chloronaphthalene

Concen: 40.992 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

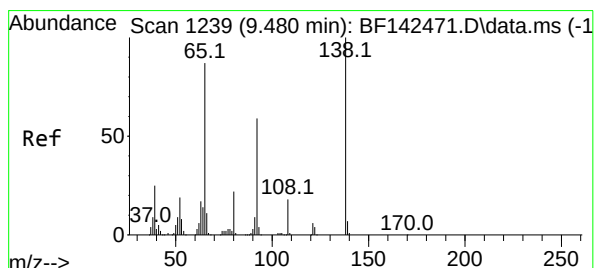
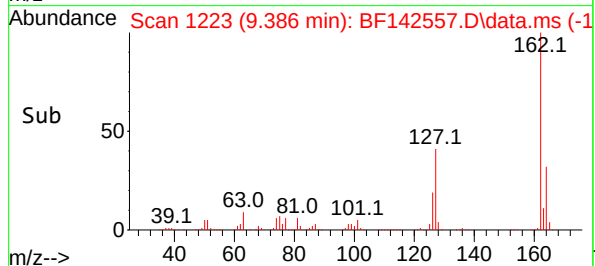
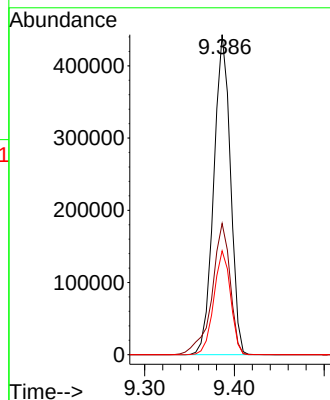
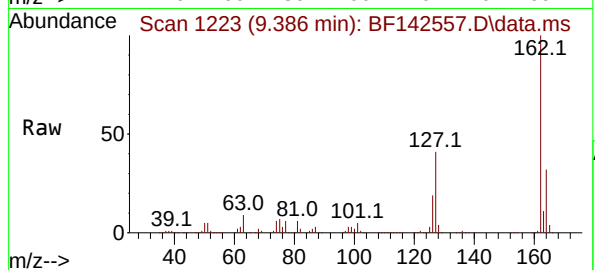
Tgt Ion:162 Resp: 572831

Ion Ratio Lower Upper

162 100

127 41.0 33.5 50.3

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 43.180 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

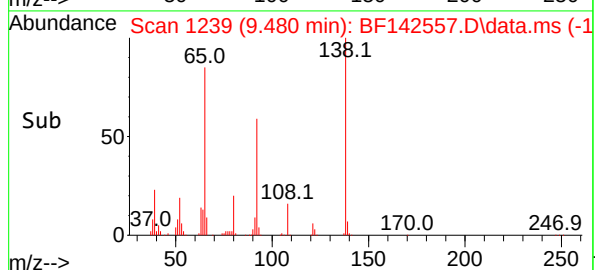
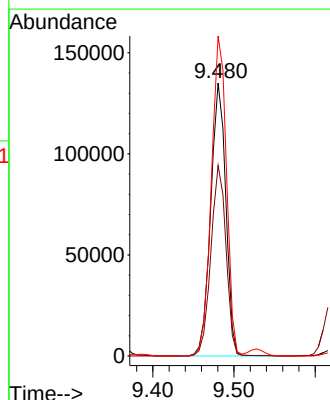
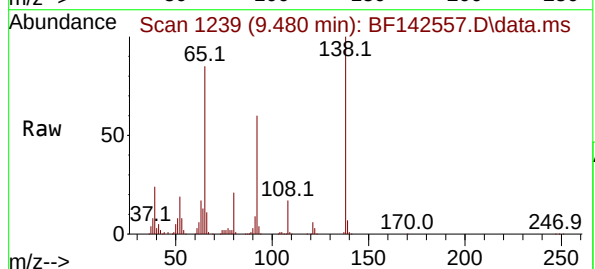
Tgt Ion: 65 Resp: 174413

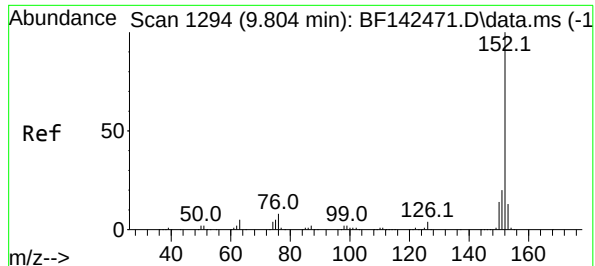
Ion Ratio Lower Upper

65 100

92 69.8 54.4 81.6

138 117.3 91.4 137.2





#49

Acenaphthylene

Concen: 41.756 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

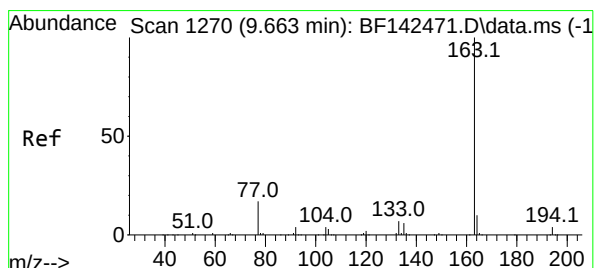
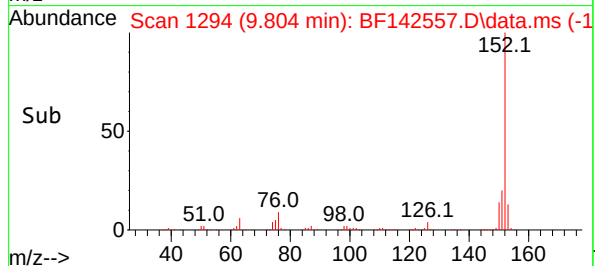
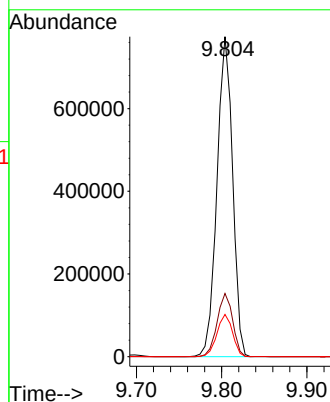
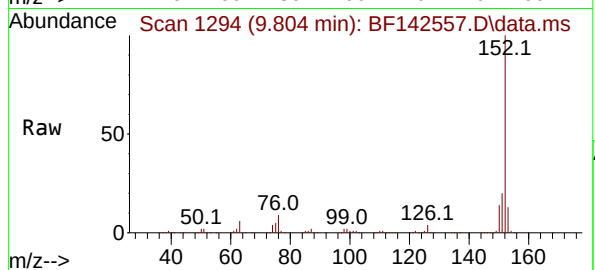
Tgt Ion:152 Resp: 985306

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 43.002 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

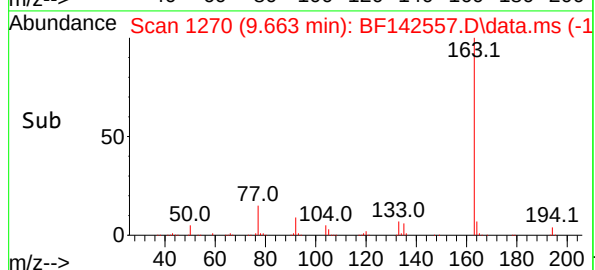
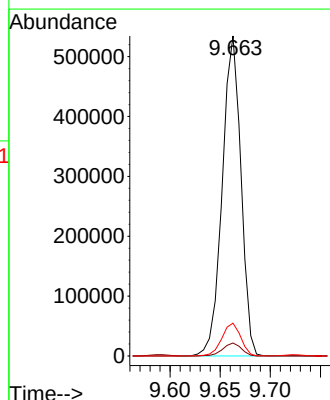
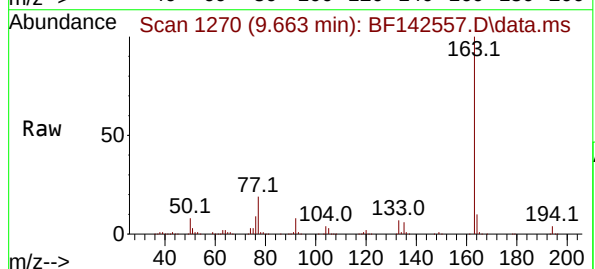
Tgt Ion:163 Resp: 691750

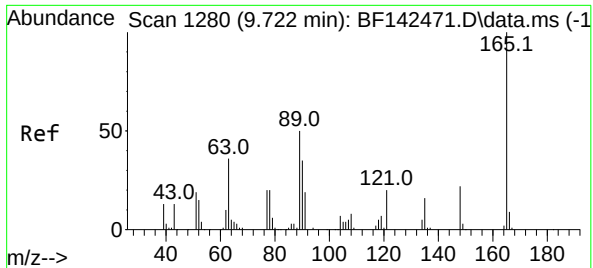
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.2 12.4

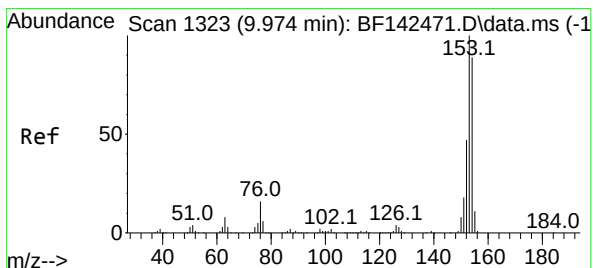
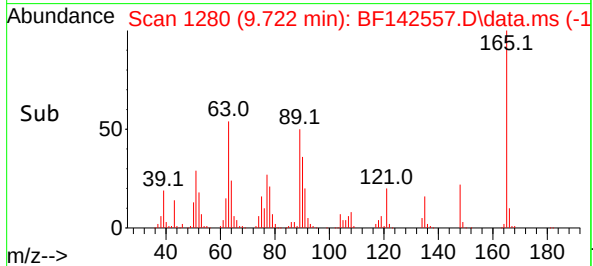
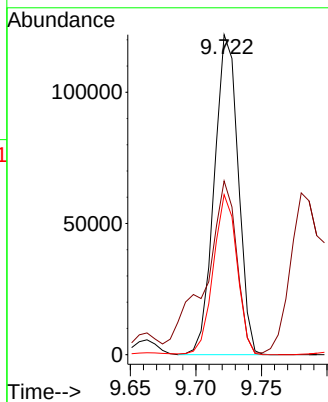
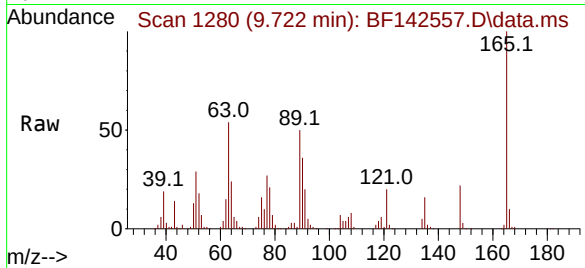




#51
2,6-Dinitrotoluene
Concen: 44.550 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

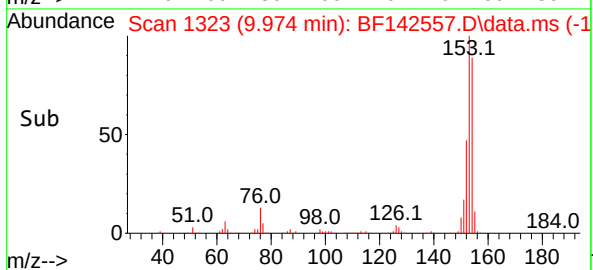
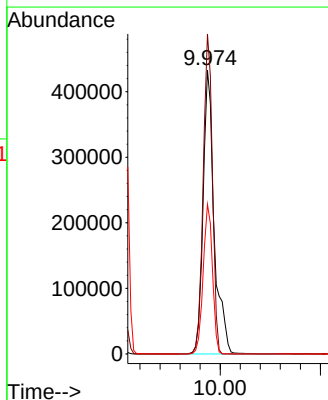
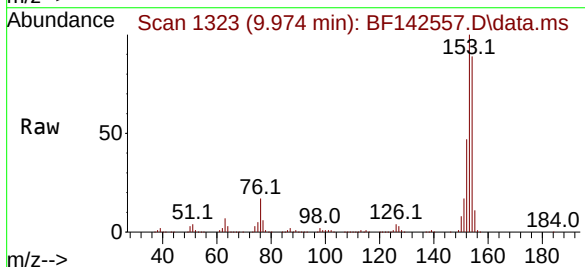
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

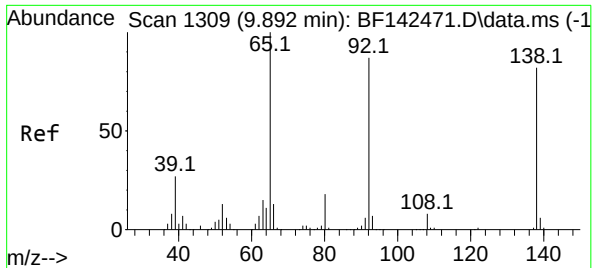
Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.3	42.9	64.3
89	50.0	40.2	60.4



#52
Acenaphthene
Concen: 46.307 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.0	135.0
152	52.7	42.6	64.0

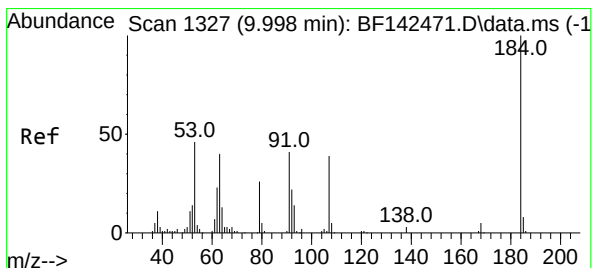
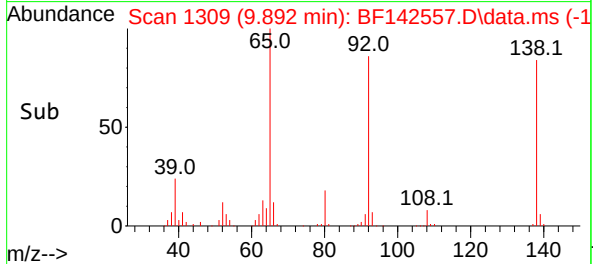
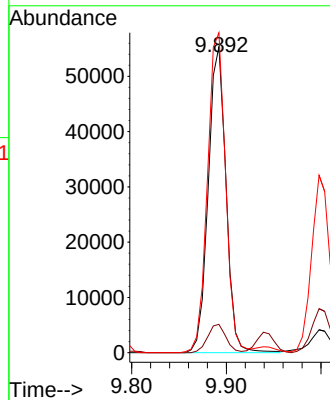
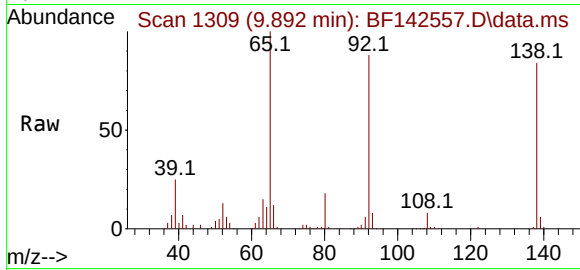




#53
3-Nitroaniline
Concen: 19.052 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

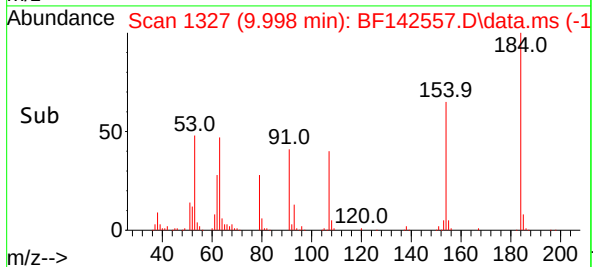
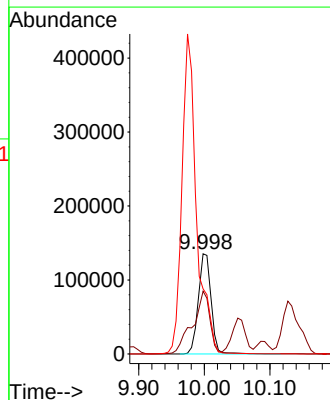
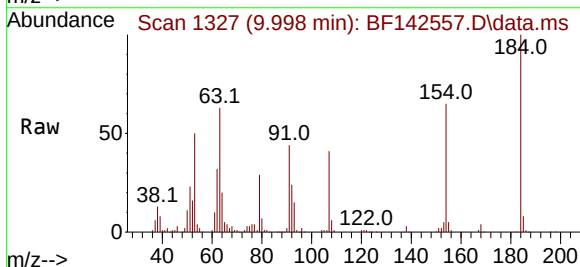
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

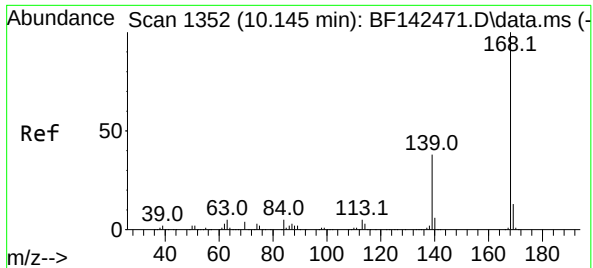
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.1	12.1
92	104.6	85.2	127.8



#54
2,4-Dinitrophenol
Concen: 102.704 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	46.3	69.5
154	65.0	56.8	85.2





#55

Dibenzenofuran

Concen: 41.704 ng

RT: 10.151 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

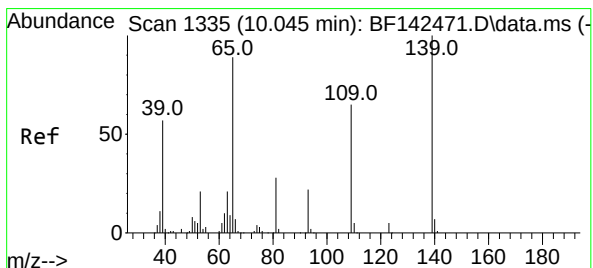
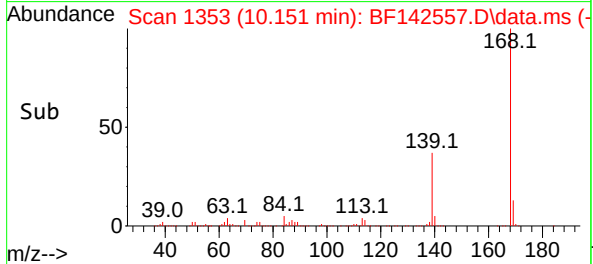
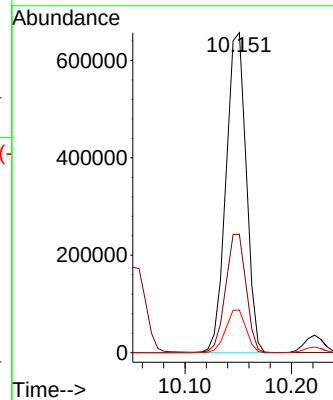
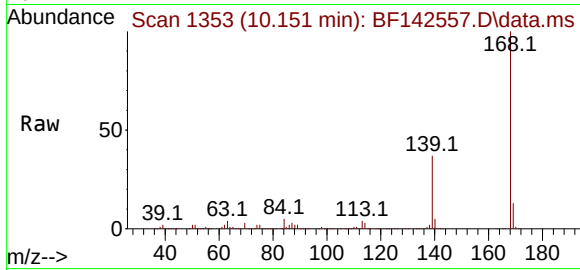
Tgt Ion:168 Resp: 864711

Ion Ratio Lower Upper

168 100

139 37.0 30.2 45.2

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 91.595 ng

RT: 10.051 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

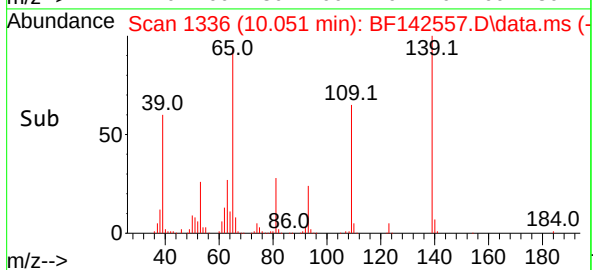
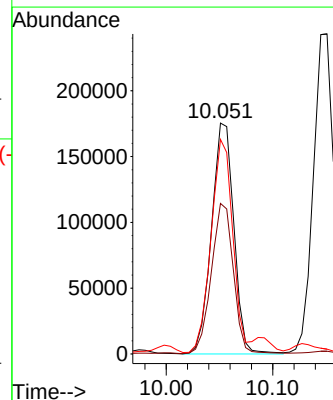
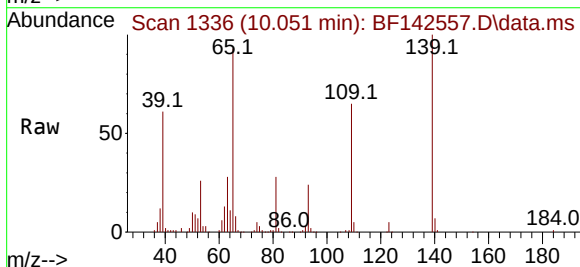
Tgt Ion:139 Resp: 256288

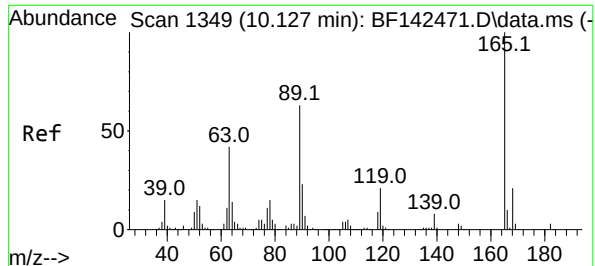
Ion Ratio Lower Upper

139 100

109 65.2 45.1 85.1

65 93.0 69.7 109.7

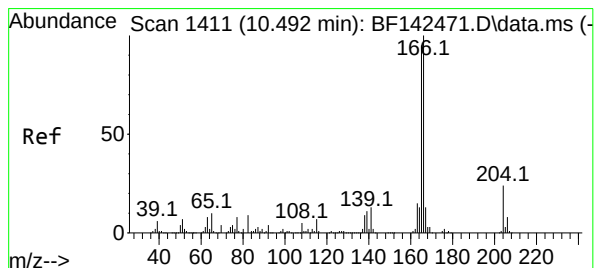
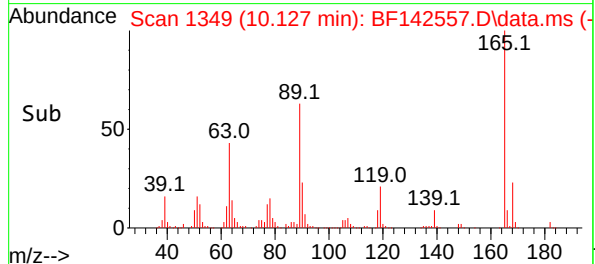
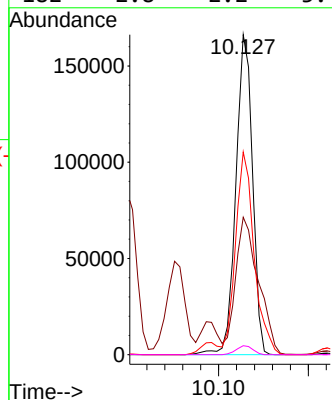
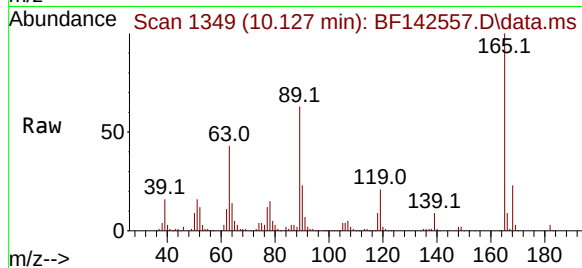




#57
2,4-Dinitrotoluene
Concen: 47.227 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

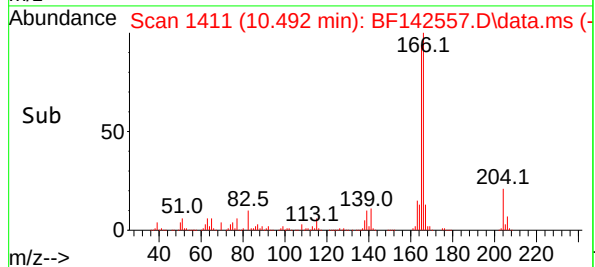
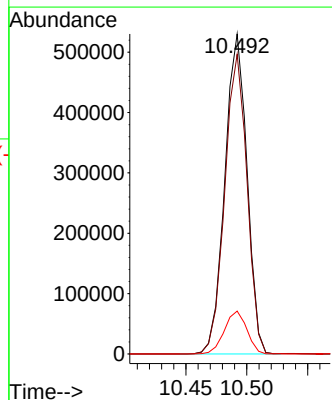
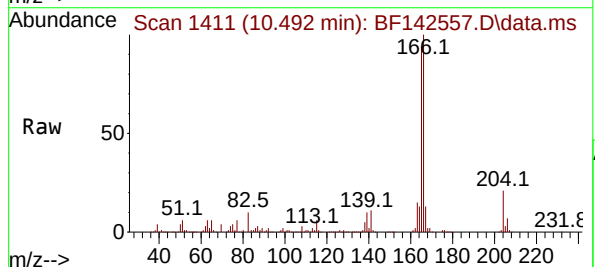
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

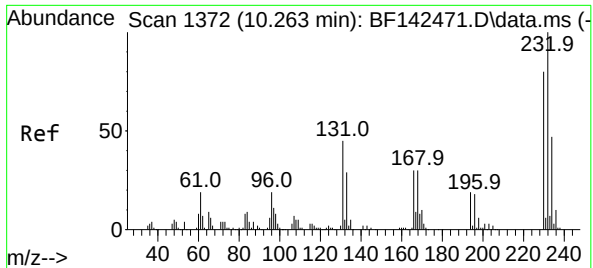
Tgt Ion:165 Resp: 214136
Ion Ratio Lower Upper
165 100
63 43.0 33.6 50.4
89 63.4 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 41.962 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:166 Resp: 672154
Ion Ratio Lower Upper
166 100
165 93.6 75.8 113.8
167 13.4 10.6 16.0

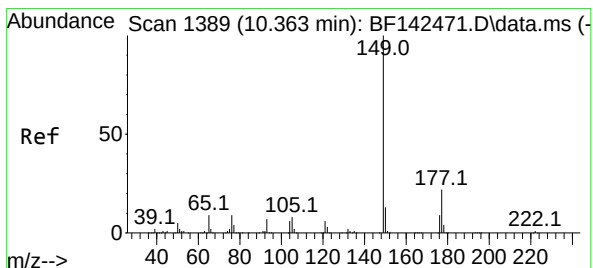
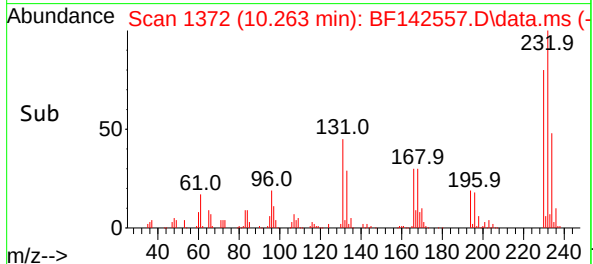
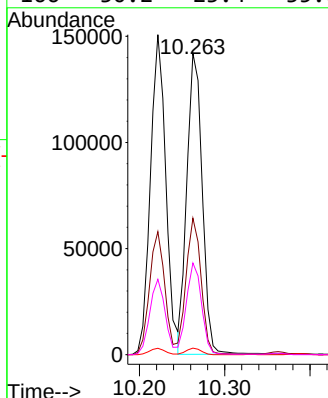
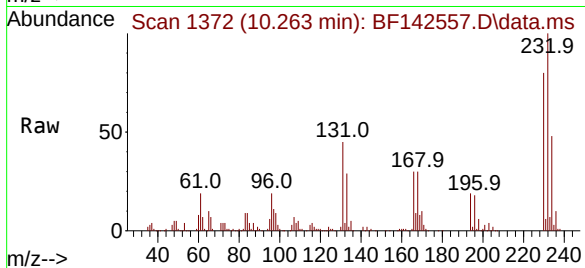




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.834 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

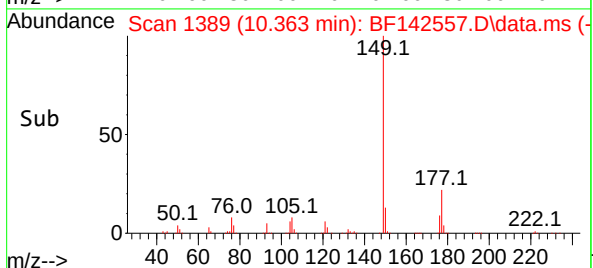
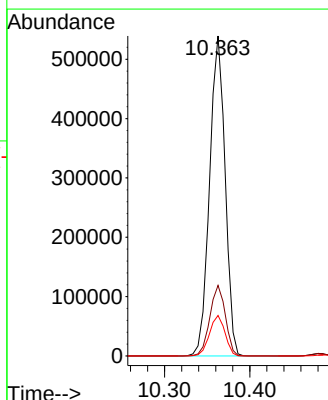
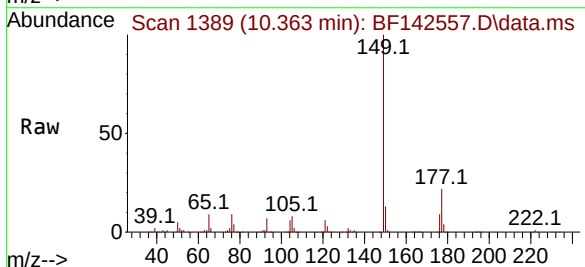
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

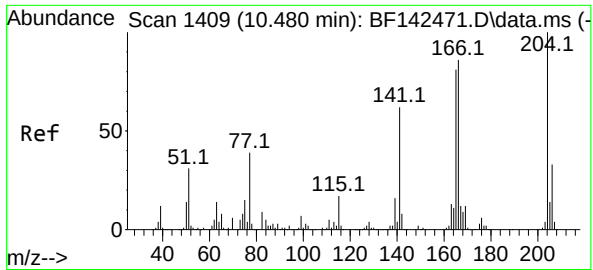
Tgt Ion:232 Resp: 177969
Ion Ratio Lower Upper
232 100
131 45.2 35.2 52.8
130 2.1 1.7 2.5
166 30.2 23.4 35.0



#60
Diethylphthalate
Concen: 43.442 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:149 Resp: 682499
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.6 10.1 15.1

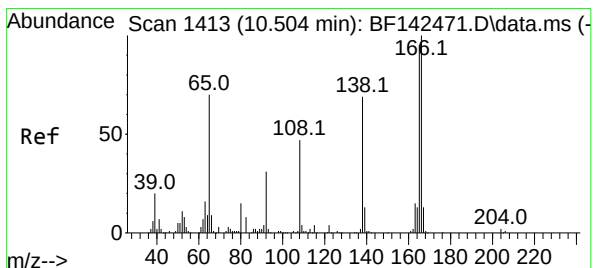
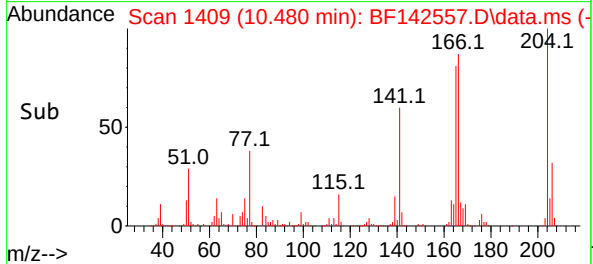
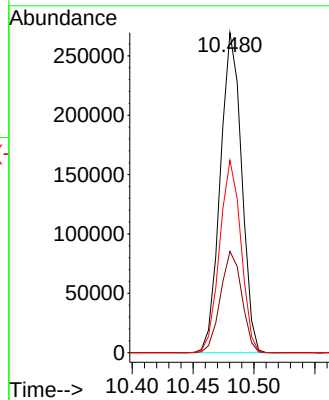
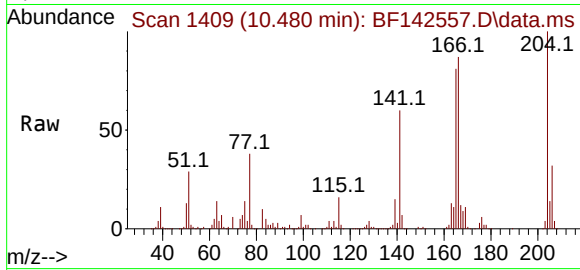




#61
4-Chlorophenyl-phenylether
Concen: 41.805 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

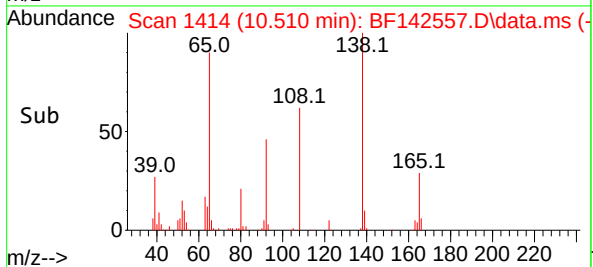
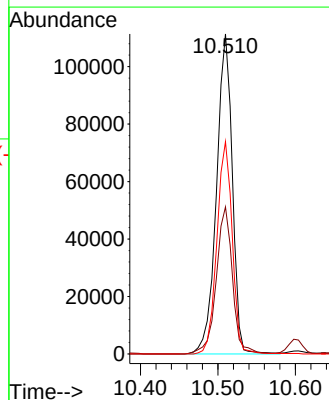
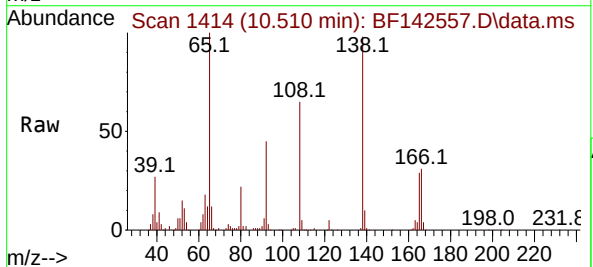
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

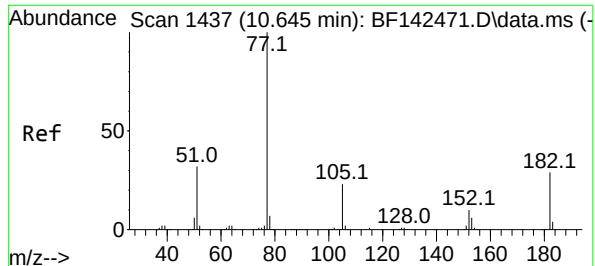
Tgt Ion:204 Resp: 328958
Ion Ratio Lower Upper
204 100
206 31.6 26.3 39.5
141 60.1 49.5 74.3



#62
4-Nitroaniline
Concen: 45.964 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:138 Resp: 158084
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 66.4 48.4 88.4





#63

Azobenzene

Concen: 43.191 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

Tgt Ion: 77 Resp: 609467

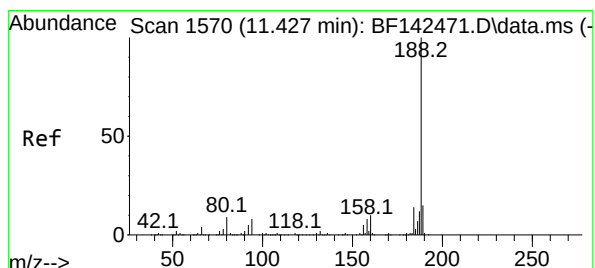
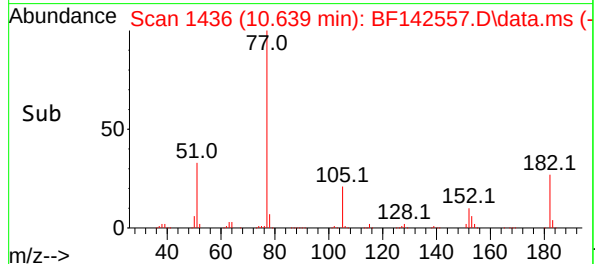
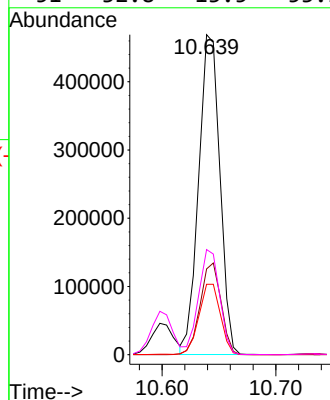
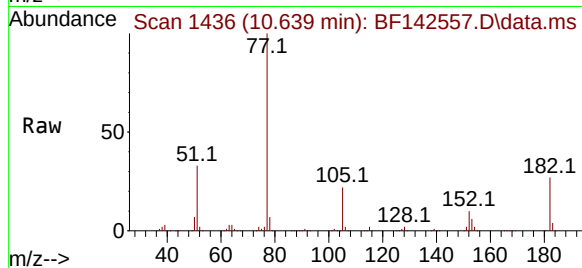
Ion Ratio Lower Upper

77 100

182 26.8 9.0 49.0

105 22.0 2.4 42.4

51 32.8 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

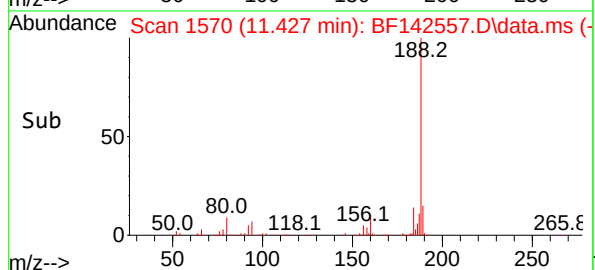
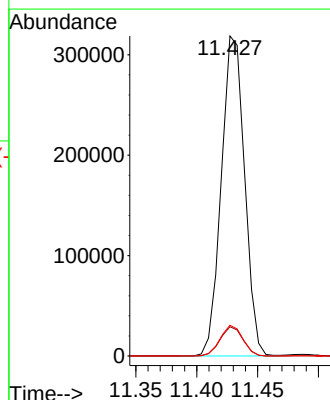
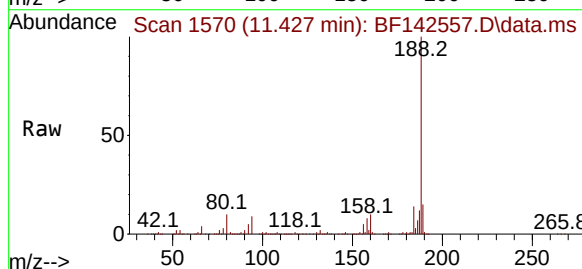
Tgt Ion:188 Resp: 424557

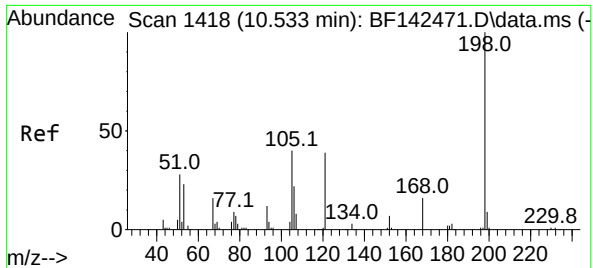
Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.6 7.4 11.0

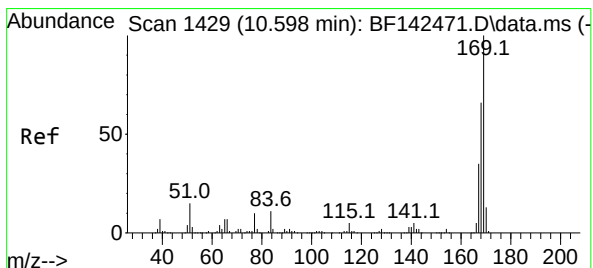
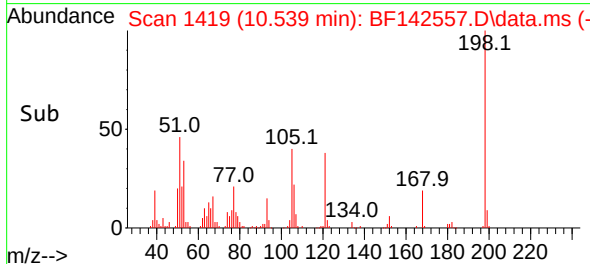
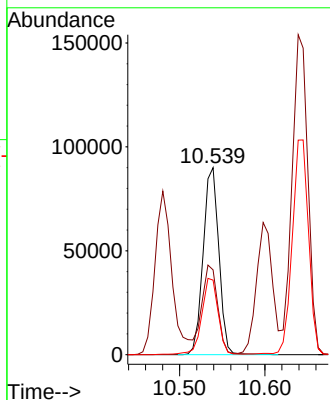
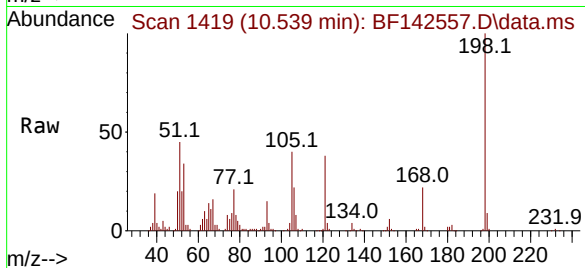




#65
4,6-Dinitro-2-methylphenol
Concen: 48.561 ng
RT: 10.539 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

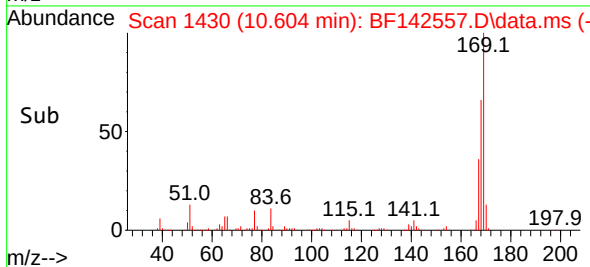
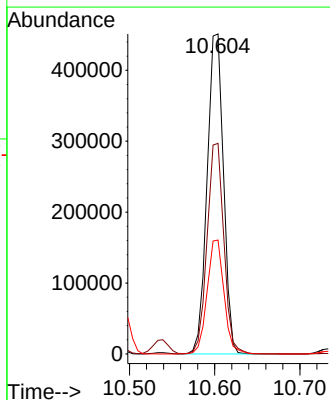
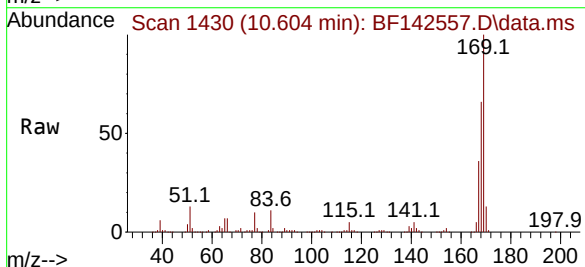
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

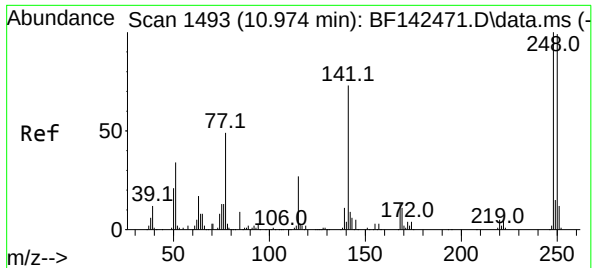
Tgt Ion:198 Resp: 115059
Ion Ratio Lower Upper
198 100
51 45.3 28.3 68.3
105 39.9 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.490 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:169 Resp: 602642
Ion Ratio Lower Upper
169 100
168 65.8 52.7 79.1
167 35.6 28.3 42.5

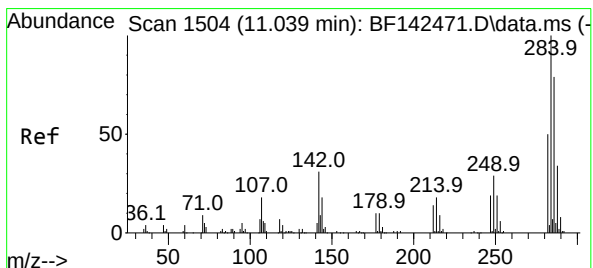
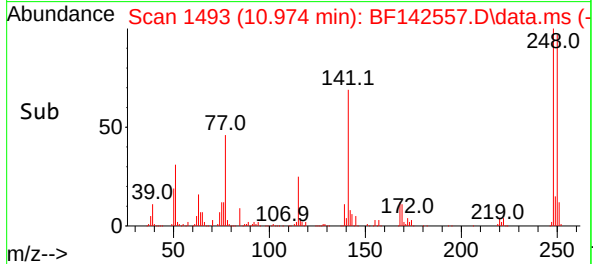
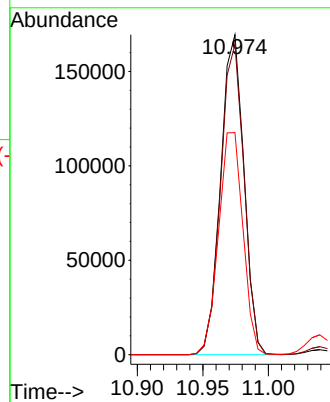
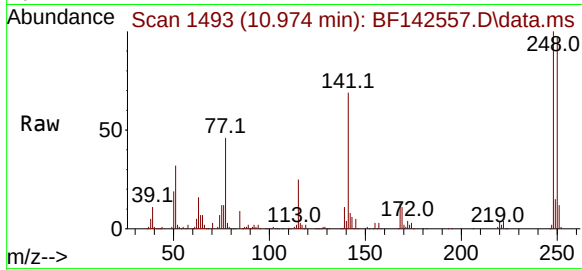




#67
4-Bromophenyl-phenylether
Concen: 41.751 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

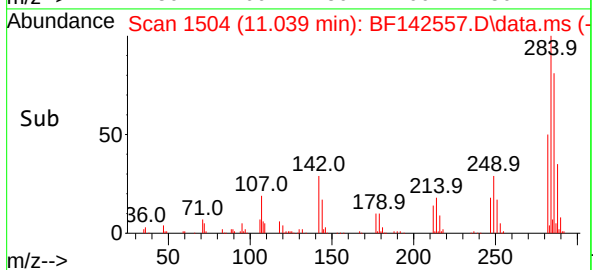
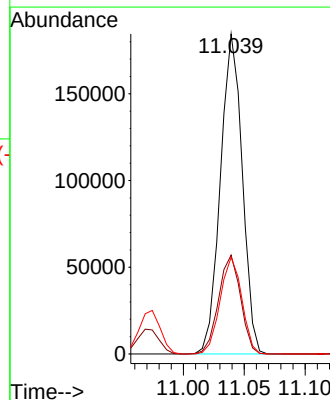
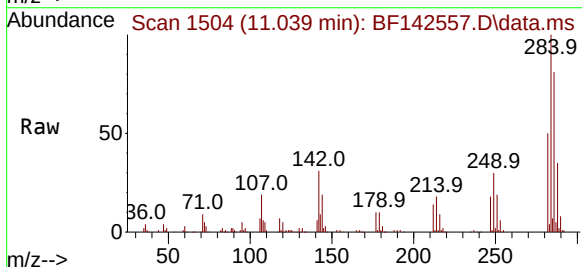
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

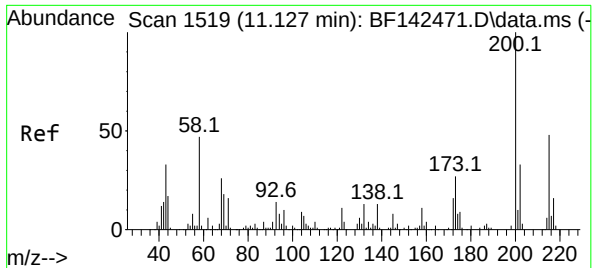
Tgt Ion:248 Resp: 209595
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 69.4 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.463 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:284 Resp: 230219
Ion Ratio Lower Upper
284 100
142 30.9 24.8 37.2
249 30.3 23.6 35.4





#69

Atrazine

Concen: 47.356 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

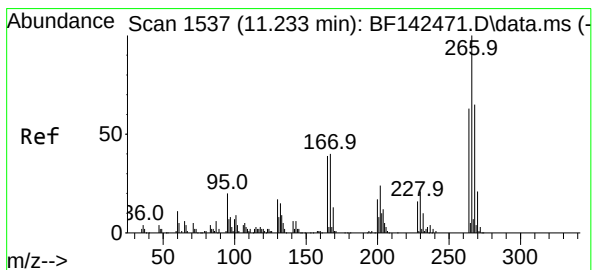
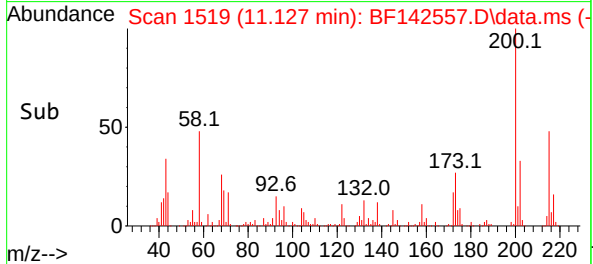
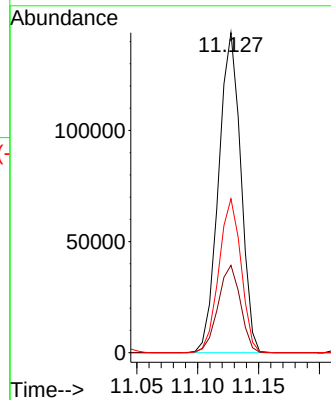
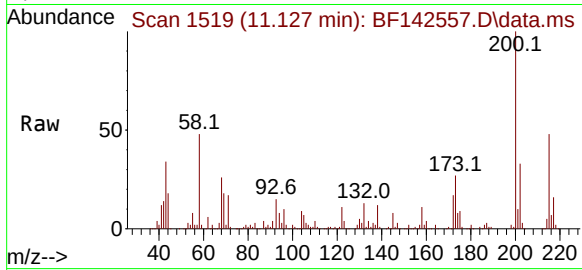
Tgt Ion:200 Resp: 182674

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 86.880 ng

RT: 11.233 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

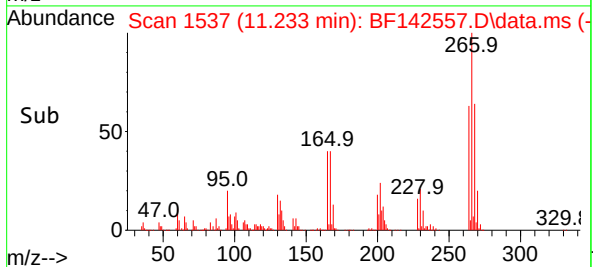
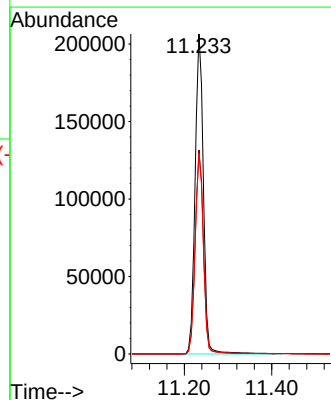
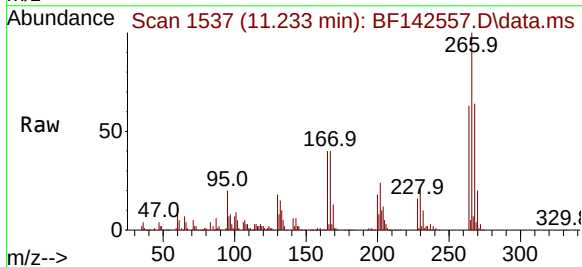
Tgt Ion:266 Resp: 272347

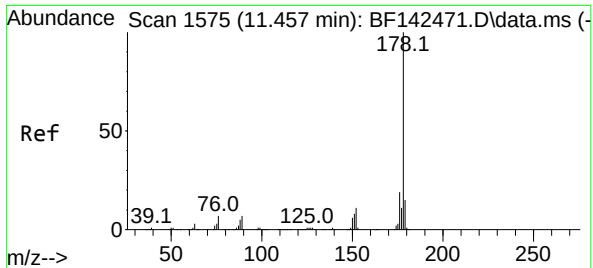
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

264 62.7 50.4 75.6

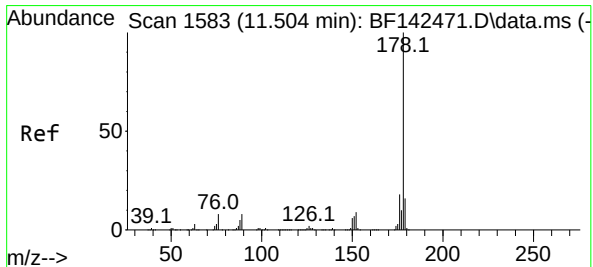
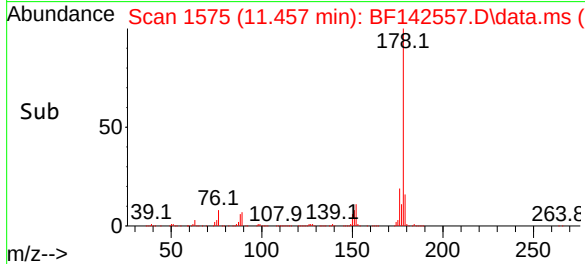
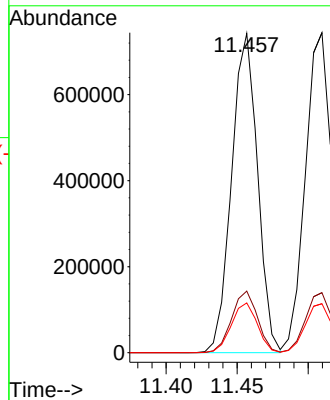
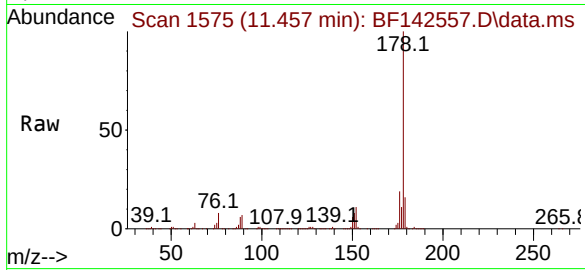




#71
Phenanthrene
Concen: 41.567 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

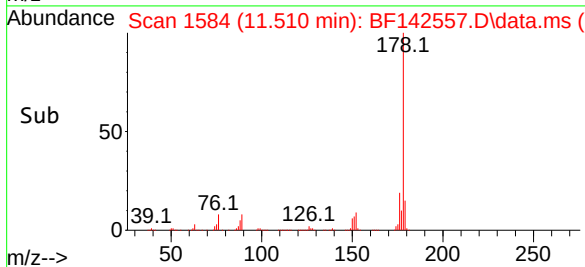
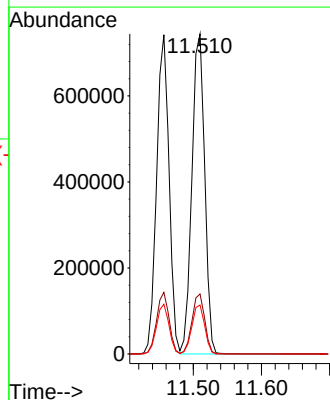
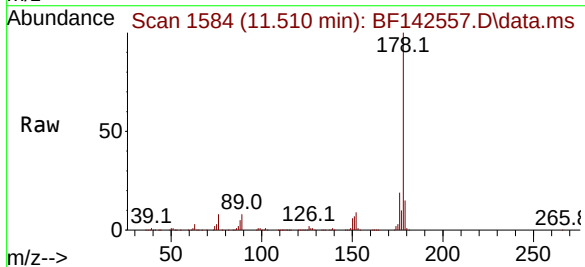
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

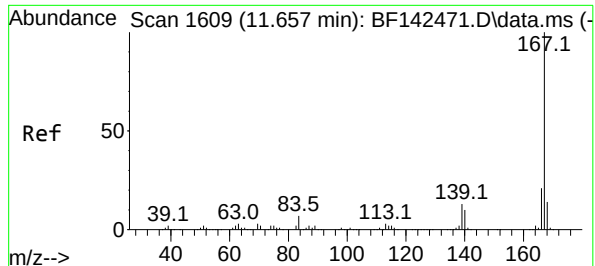
Tgt Ion:178 Resp: 943128
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 41.628 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

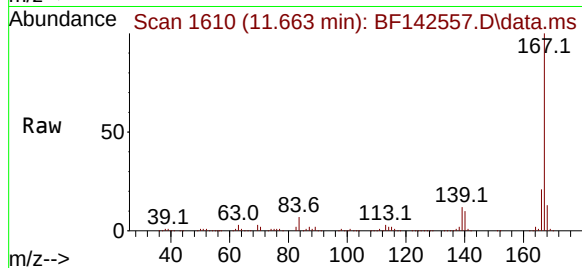
Tgt Ion:178 Resp: 963931
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.3 12.4 18.6



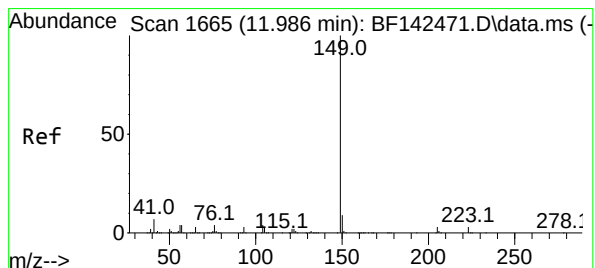
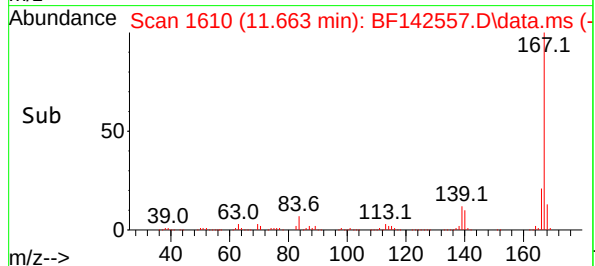
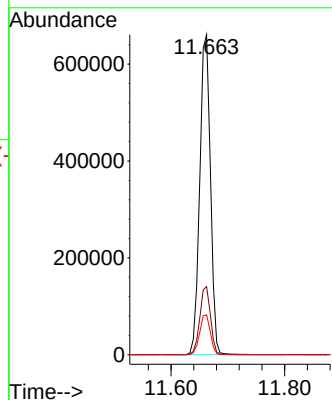


#73
Carbazole
Concen: 43.781 ng
RT: 11.663 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB168143BSD

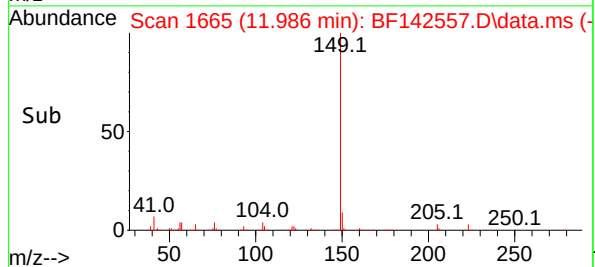
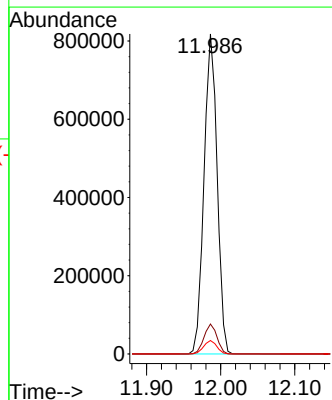
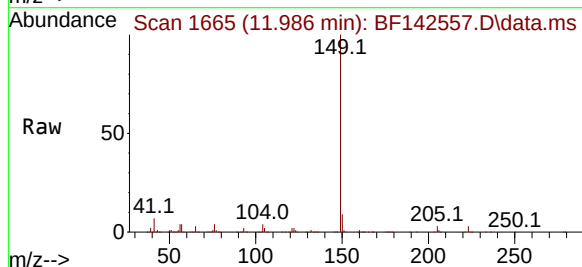


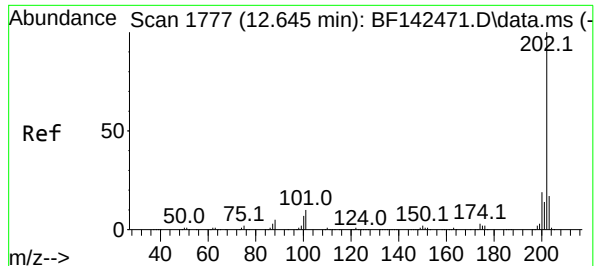
Tgt Ion:167 Resp: 866693
Ion Ratio Lower Upper
167 100
166 21.3 16.9 25.3
139 12.5 10.2 15.4



#74
Di-n-butylphthalate
Concen: 46.294 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:149 Resp: 1003125
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 44.810 ng

RT: 12.645 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

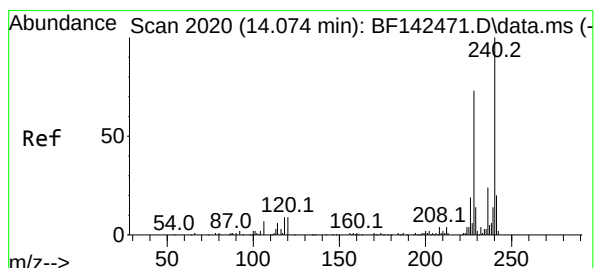
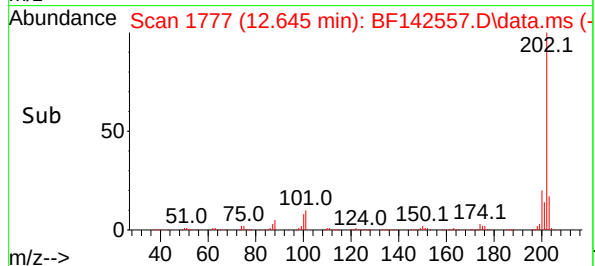
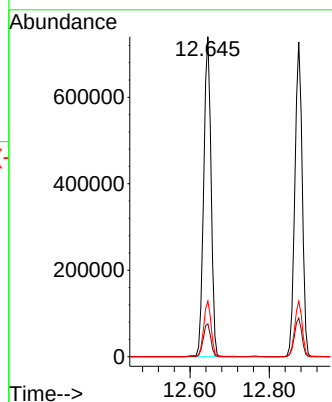
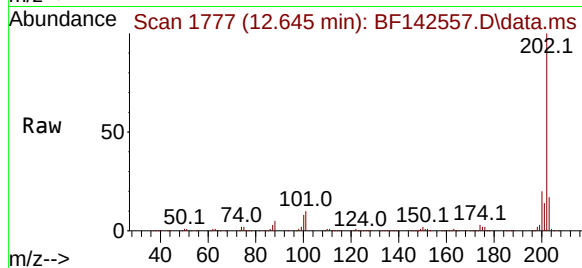
Tgt Ion:202 Resp: 950013

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.6

203 17.4 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

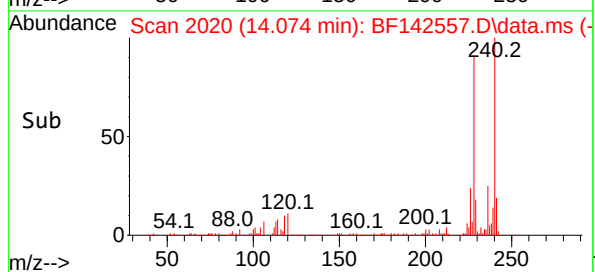
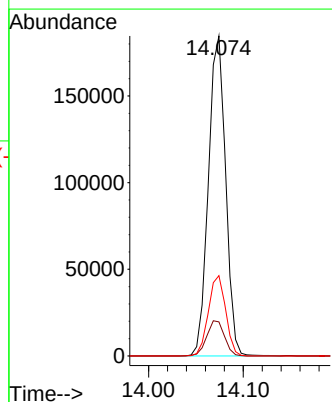
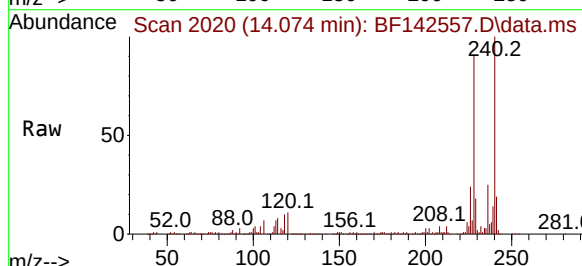
Tgt Ion:240 Resp: 233295

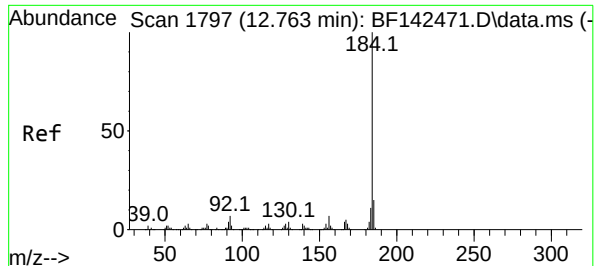
Ion Ratio Lower Upper

240 100

120 10.6 7.5 11.3

236 25.1 19.6 29.4

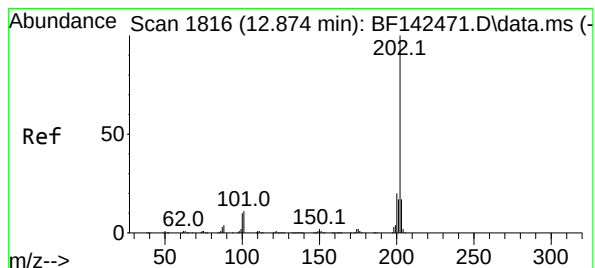
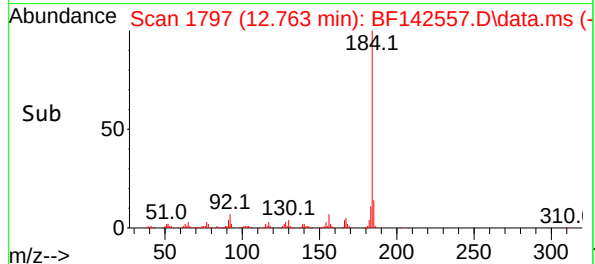
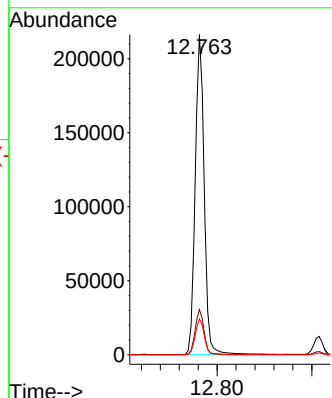
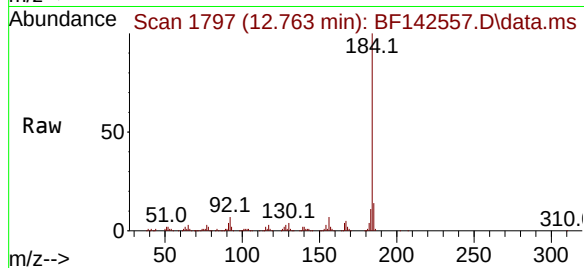




#77
Benzidine
Concen: 32.804 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

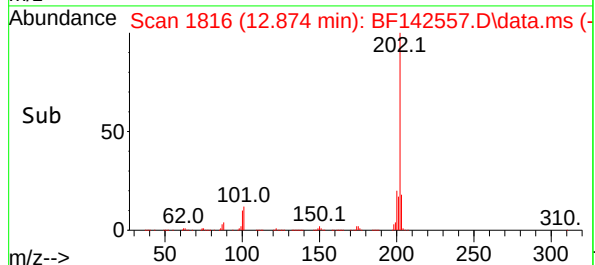
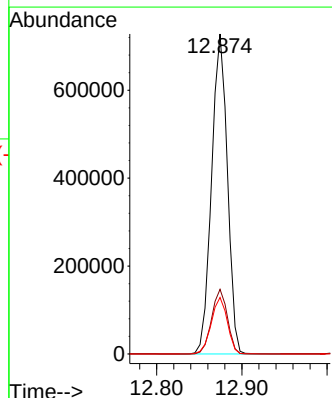
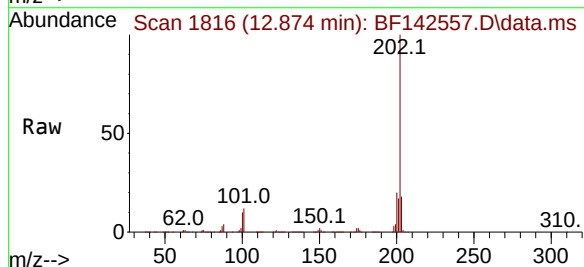
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

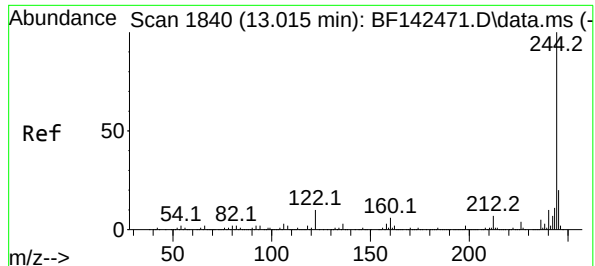
Tgt Ion:184 Resp: 284788
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 43.085 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:202 Resp: 937667
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 74.970 ng

RT: 13.015 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

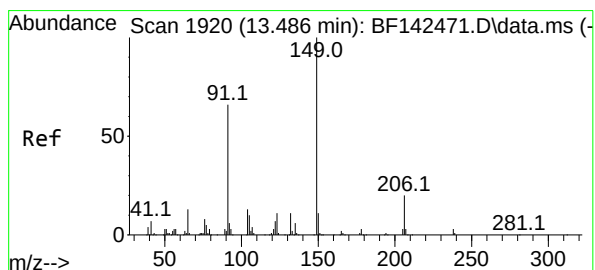
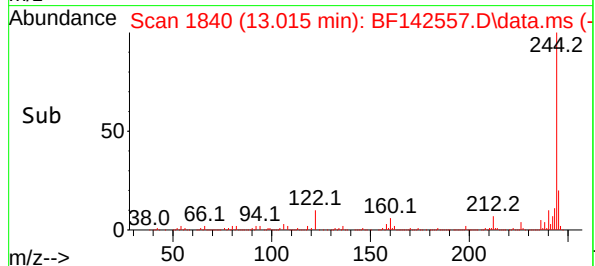
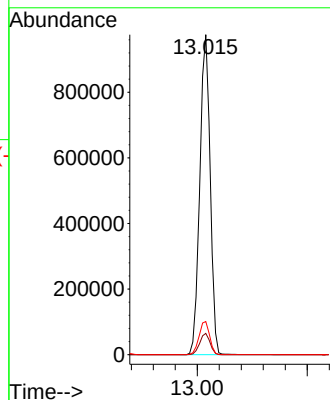
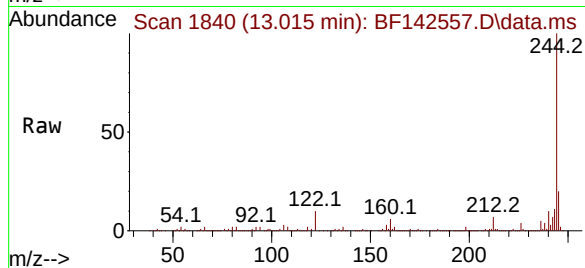
Tgt Ion:244 Resp: 1279885

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 49.726 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

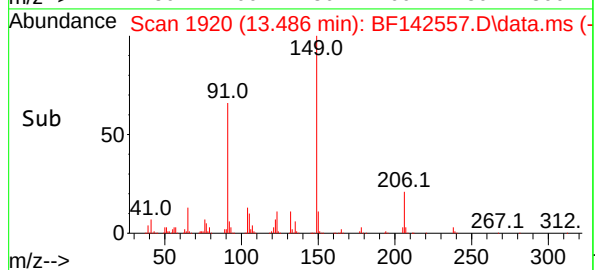
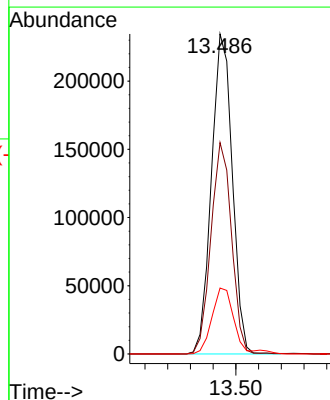
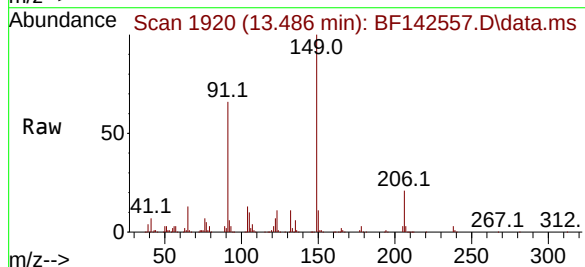
Tgt Ion:149 Resp: 299031

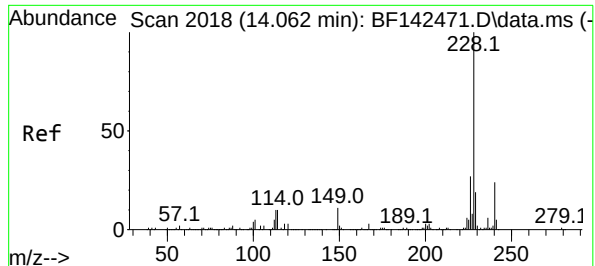
Ion Ratio Lower Upper

149 100

91 66.0 52.9 79.3

206 20.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 43.633 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

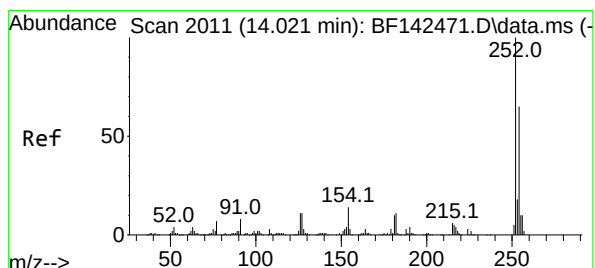
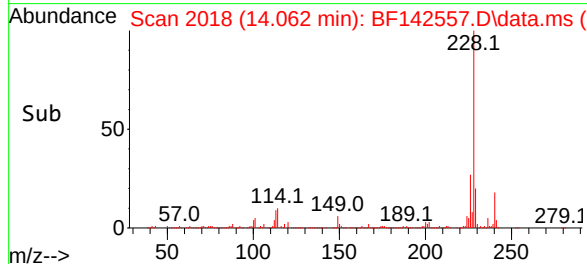
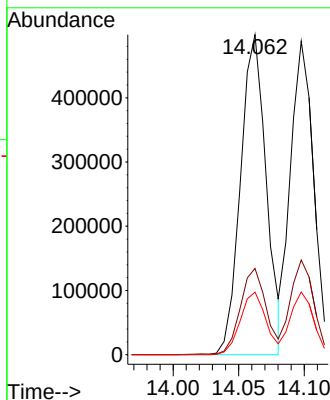
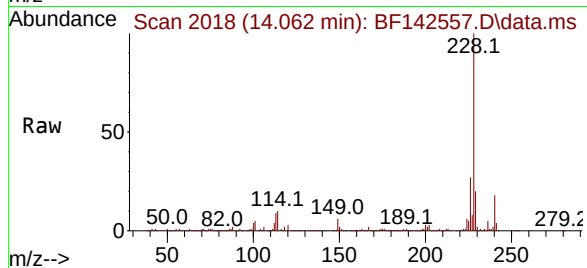
Tgt Ion:228 Resp: 679726

Ion Ratio Lower Upper

228 100

226 27.0 21.2 31.8

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 16.511 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

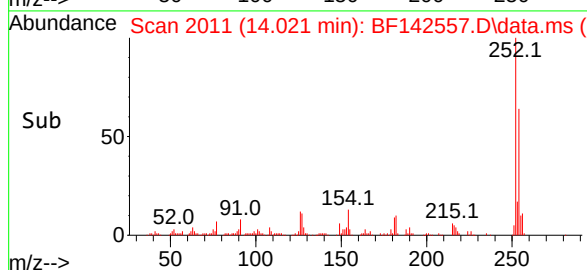
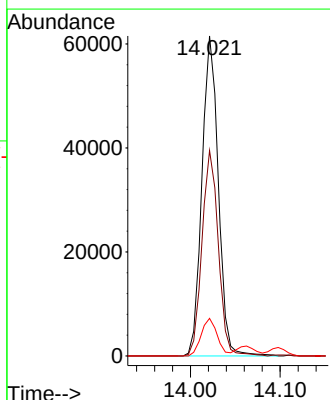
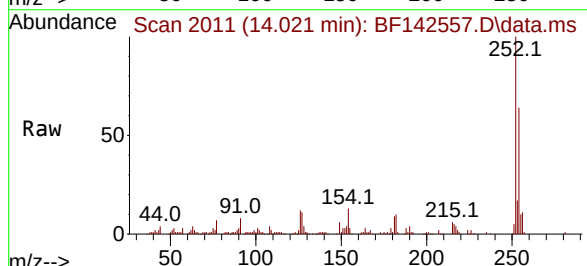
Tgt Ion:252 Resp: 78017

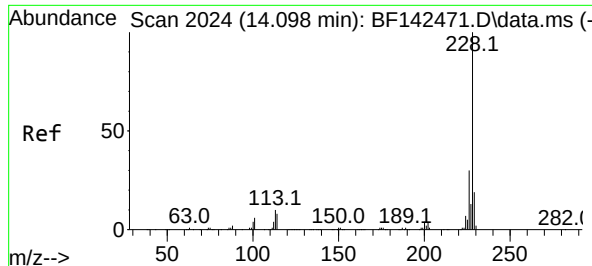
Ion Ratio Lower Upper

252 100

254 64.2 52.0 78.0

126 11.8 8.9 13.3





#83

Chrysene

Concen: 42.804 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

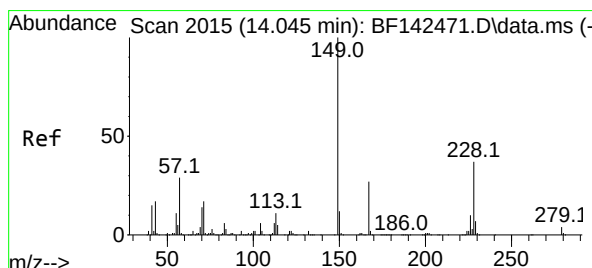
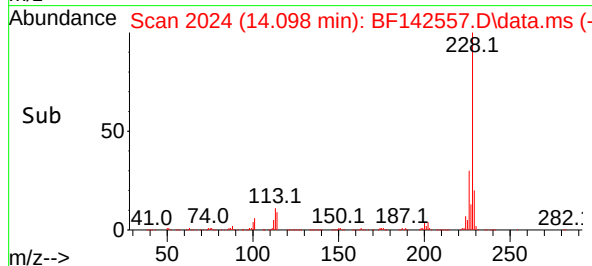
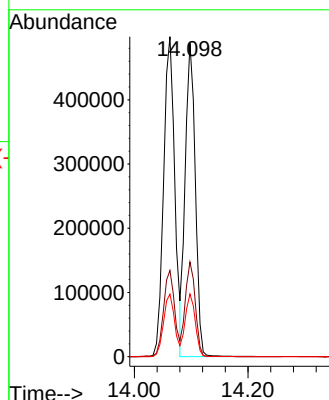
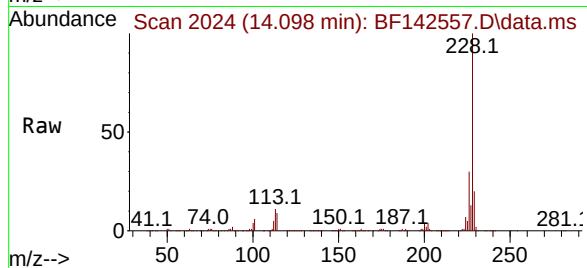
Tgt Ion:228 Resp: 599174

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 20.0 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.263 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

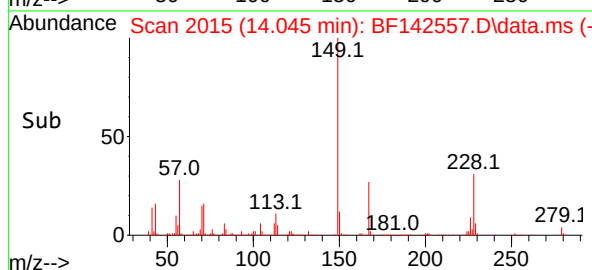
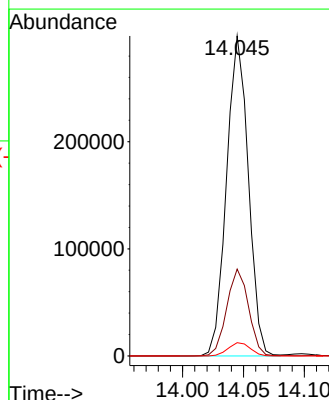
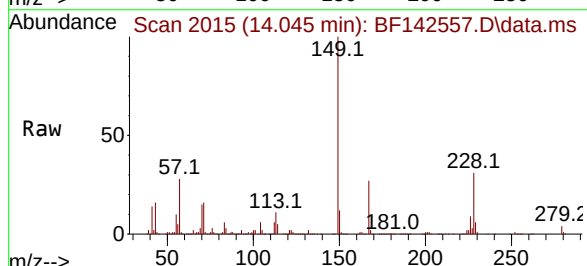
Tgt Ion:149 Resp: 371540

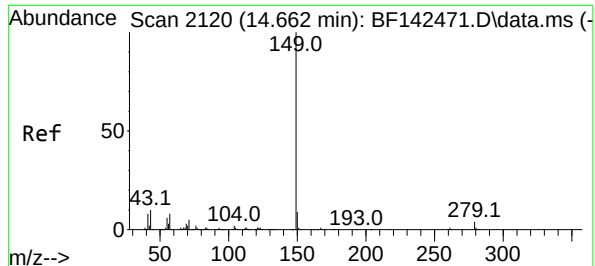
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 41.754 ng

RT: 14.662 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

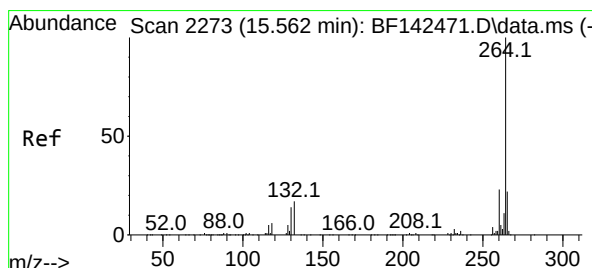
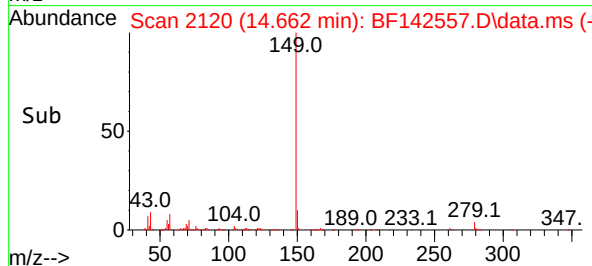
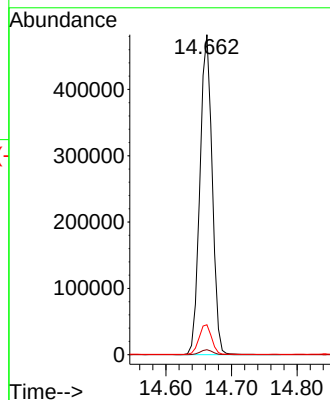
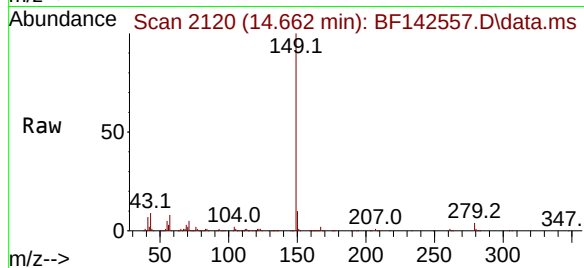
Tgt Ion:149 Resp: 628500

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

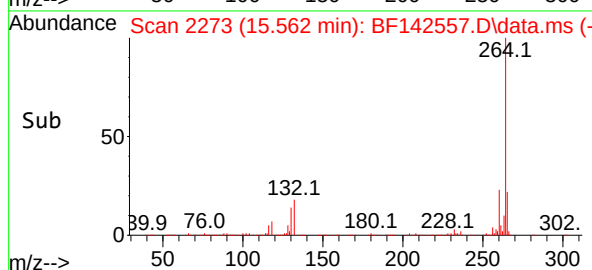
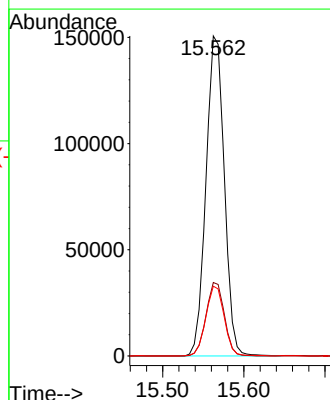
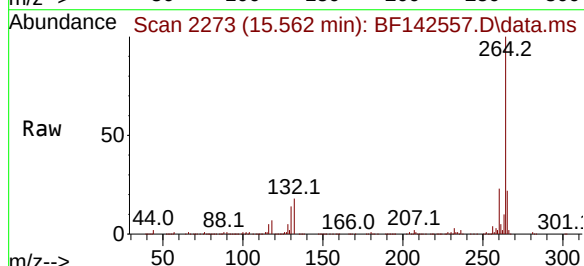
Tgt Ion:264 Resp: 236170

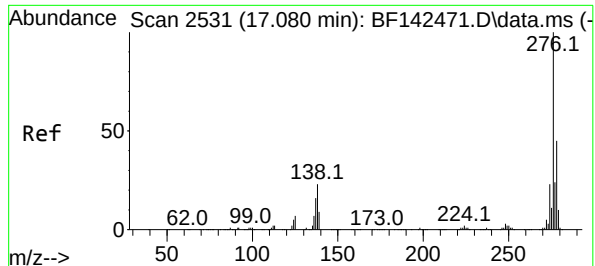
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.414 ng

RT: 17.086 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

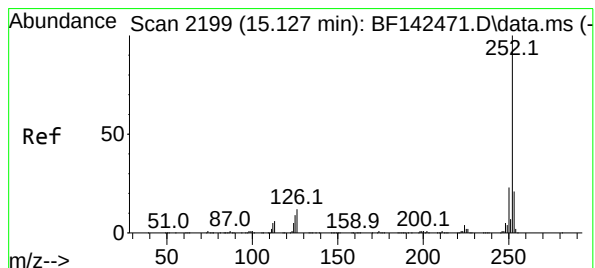
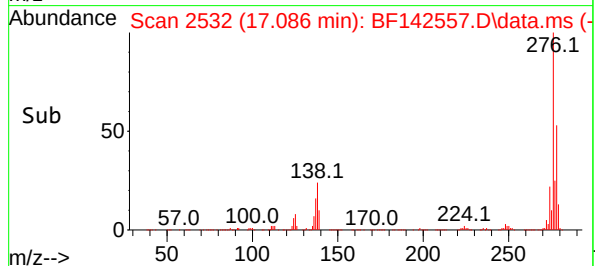
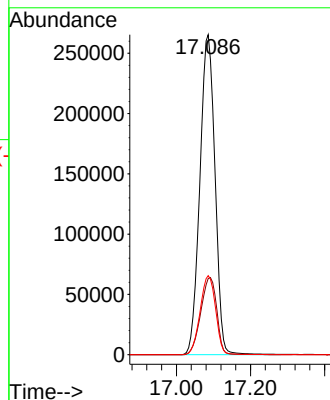
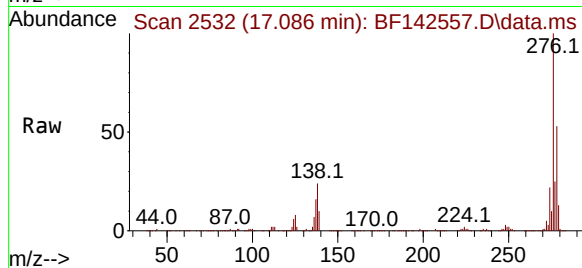
Tgt Ion:276 Resp: 752003

Ion Ratio Lower Upper

276 100

138 25.4 19.9 29.9

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.469 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

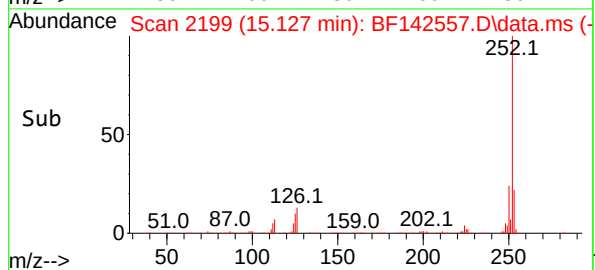
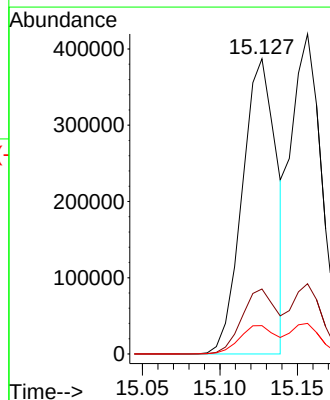
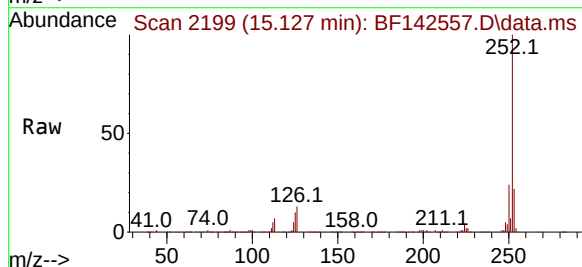
Tgt Ion:252 Resp: 593611

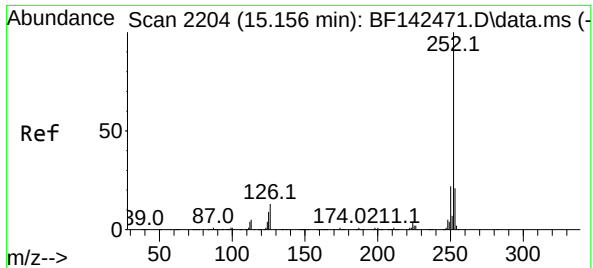
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.387 ng

RT: 15.156 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

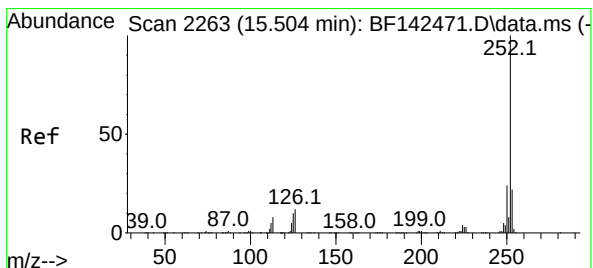
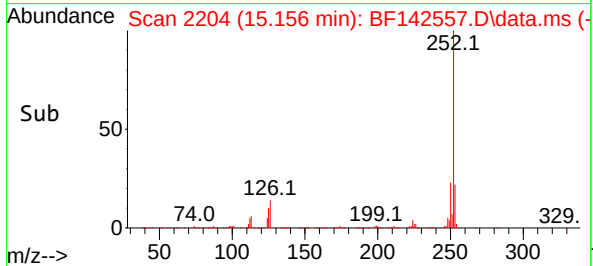
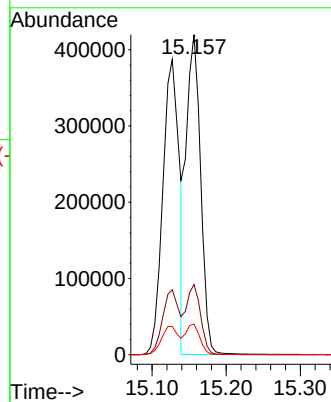
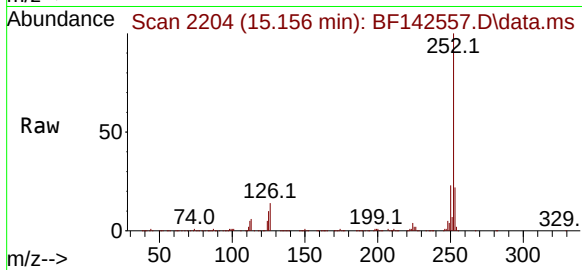
Tgt Ion:252 Resp: 568001

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.5 7.3 10.9



#90

Benzo(a)pyrene

Concen: 43.889 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

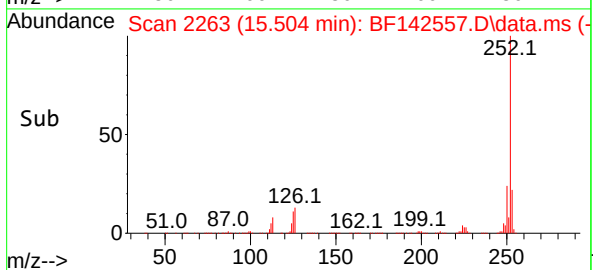
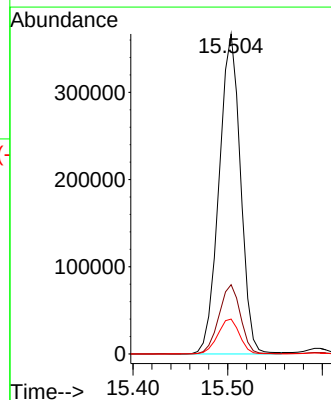
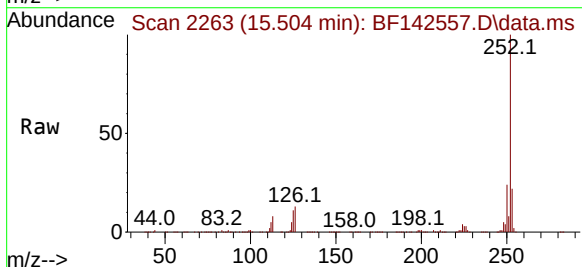
Tgt Ion:252 Resp: 578256

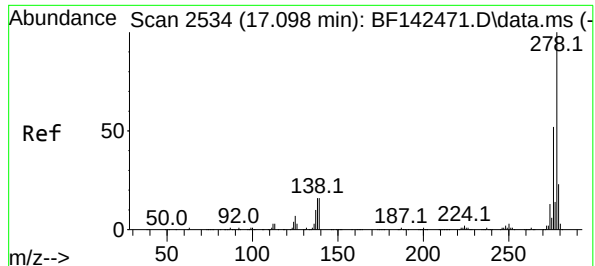
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.9 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 42.656 ng

RT: 17.103 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

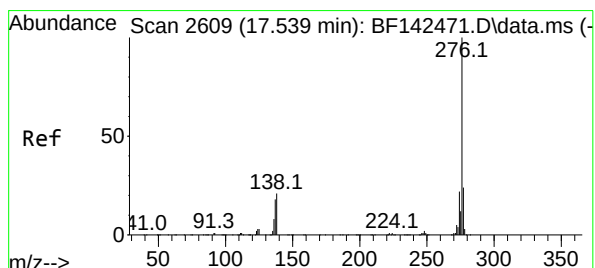
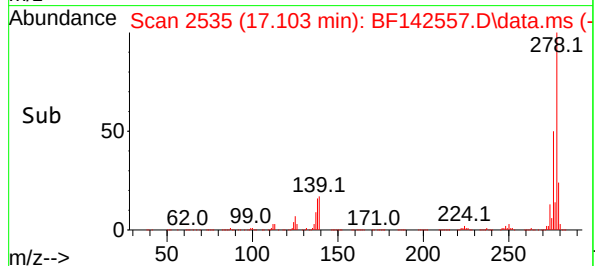
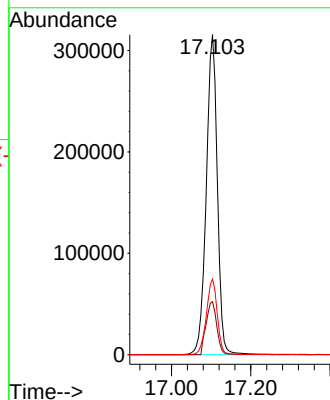
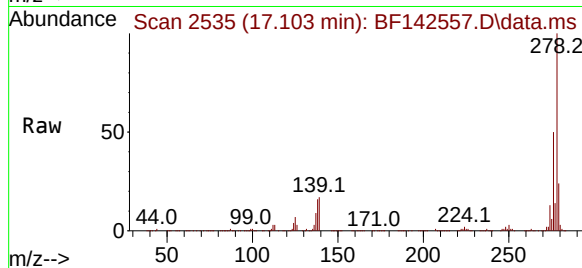
Tgt Ion:278 Resp: 613397

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

279 23.7 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 42.428 ng

RT: 17.545 min Scan# 2610

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

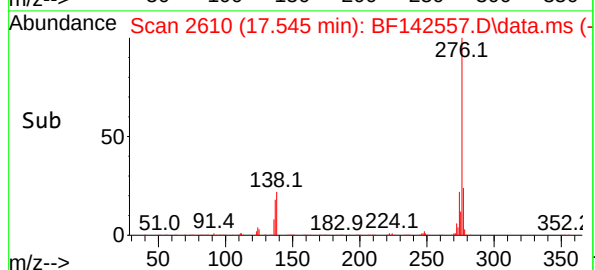
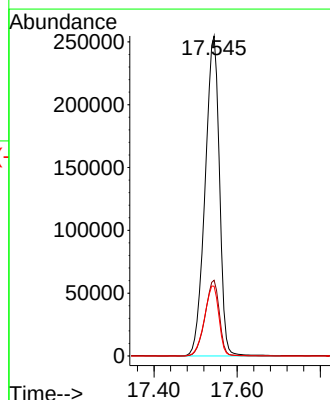
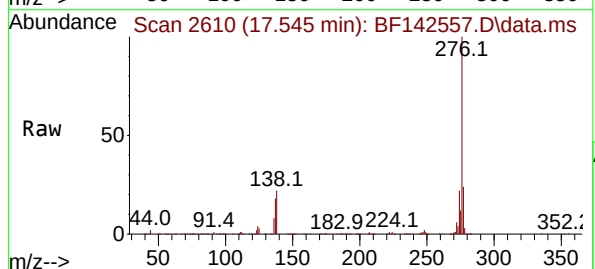
Tgt Ion:276 Resp: 610242

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 21.8 16.8 25.2





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

Manual Integration Report

Sequence:	bf052025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF142469.D	Benzoic acid	Rahul	5/21/2025 2:07:30 PM	Jagrut	5/21/2025 4:43:55 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	bf052725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168143BS	BF142556.D	Caprolactam	Rahul	5/27/2025 4:56:41 PM	Jagrut	5/28/2025 5:50:00 PM	Peak Integrated by Software
PB168143BSD	BF142557.D	Caprolactam	Rahul	5/27/2025 4:56:43 PM	Jagrut	5/28/2025 5:50:02 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024615.D	4-Nitroaniline	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Benzaldehyde	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Caprolactam	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	4-Nitroaniline	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzaldehyde	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzidine	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzoic acid	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Caprolactam	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Pentachlorophenol	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzaldehyde	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzoic acid	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICCC040	BP024618.D	Benzaldehyde	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BP024618.D	Benzoic acid	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software
SSTDICCC080	BP024621.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:51 PM	Jagrut	5/14/2025 5:16:14 PM	Peak Integrated by Software
SSTDICV040	BP024622.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:57 PM	Jagrut	5/14/2025 5:16:17 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP052325

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024788.D	4-Nitroaniline	Rahul	5/27/2025 10:47:18 AM	Jagrut	5/27/2025 2:39:07 PM	Peak Integrated by Software
SSTDCCC040	BP024788.D	Benzaldehyde	Rahul	5/27/2025 10:47:18 AM	Jagrut	5/27/2025 2:39:07 PM	Peak Integrated by Software
SSTDCCC040	BP024788.D	Benzoic acid	Rahul	5/27/2025 10:47:18 AM	Jagrut	5/27/2025 2:39:07 PM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM		
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM		
SubDirectory	BF052025	HP Acquire Method	BNA_F	HP Processing Method	bf052025
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12665,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142465.D	20 May 2025 11:13	RC/JU	Ok
2	SSTDCCC040	BF142466.D	20 May 2025 11:41	RC/JU	Not Ok
3	SSTDICC2.5	BF142467.D	20 May 2025 12:10	RC/JU	Ok
4	SSTDICC005	BF142468.D	20 May 2025 12:38	RC/JU	Ok
5	SSTDICC010	BF142469.D	20 May 2025 13:07	RC/JU	Ok,M
6	SSTDICC020	BF142470.D	20 May 2025 13:36	RC/JU	Ok
7	SSTDICCC040	BF142471.D	20 May 2025 14:05	RC/JU	Ok
8	SSTDICC050	BF142472.D	20 May 2025 14:34	RC/JU	Ok
9	SSTDICC060	BF142473.D	20 May 2025 15:03	RC/JU	Ok
10	SSTDICC080	BF142474.D	20 May 2025 15:31	RC/JU	Ok
11	SSTDICV040	BF142475.D	20 May 2025 16:31	RC/JU	Ok
12	PB168067TB	BF142476.D	20 May 2025 17:29	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF052725

Review By	Rahul	Review On	5/27/2025 4:59:26 PM
Supervise By	Jagrut	Supervise On	5/28/2025 5:50:27 PM
SubDirectory	BF052725	HP Acquire Method	BNA_F
		HP Processing Method	bf052025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12666,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142551.D	27 May 2025 09:47	RC/JU	Ok
2	SSTDCCC040	BF142552.D	27 May 2025 10:15	RC/JU	Ok
3	PB168148BL	BF142553.D	27 May 2025 10:45	RC/JU	Ok
4	PB168148BS	BF142554.D	27 May 2025 11:14	RC/JU	Ok,M
5	PB168143BL	BF142555.D	27 May 2025 11:42	RC/JU	Ok
6	PB168143BS	BF142556.D	27 May 2025 12:11	RC/JU	Ok,M
7	PB168143BSD	BF142557.D	27 May 2025 12:39	RC/JU	Ok,M
8	PB168164BL	BF142558.D	27 May 2025 13:24	RC/JU	Ok
9	PB168164BS	BF142559.D	27 May 2025 13:52	RC/JU	Ok,M
10	Q2109-01DL	BF142560.D	27 May 2025 14:26	RC/JU	Ok,M
11	Q2127-11	BF142561.D	27 May 2025 14:55	RC/JU	Ok,M
12	Q2127-01	BF142562.D	27 May 2025 15:23	RC/JU	Ok,M
13	Q2127-01MS	BF142563.D	27 May 2025 15:52	RC/JU	Ok,M
14	Q2127-01MSD	BF142564.D	27 May 2025 16:21	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM		
SubDirectory	BP051325	HP Acquire Method	BNA_P	HP Processing Method	bp051325
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12664,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024613.D	13 May 2025 10:00	RC/JU	Ok
2	SSTDICC2.5	BP024614.D	13 May 2025 10:41	RC/JU	Ok
3	SSTDICC005	BP024615.D	13 May 2025 11:22	RC/JU	Ok,M
4	SSTDICC010	BP024616.D	13 May 2025 12:03	RC/JU	Ok,M
5	SSTDICC020	BP024617.D	13 May 2025 12:43	RC/JU	Ok,M
6	SSTDICCC040	BP024618.D	13 May 2025 13:24	RC/JU	Ok,M
7	SSTDICC050	BP024619.D	13 May 2025 14:05	RC/JU	Ok
8	SSTDICC060	BP024620.D	13 May 2025 14:45	RC/JU	Ok
9	SSTDICC080	BP024621.D	13 May 2025 15:26	RC/JU	Ok,M
10	SSTDICV040	BP024622.D	13 May 2025 17:01	RC/JU	Ok,M
11	PB167917TB	BP024623.D	13 May 2025 18:23	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP052325

Review By	Rahul	Review On	5/27/2025 10:49:36 AM
Supervise By	Jagrut	Supervise On	5/27/2025 2:39:24 PM
SubDirectory	BP052325	HP Acquire Method	BNA_P
		HP Processing Method	BP051325
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12666,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024787.D	23 May 2025 10:59	RC/JU	Ok
2	SSTDCCC040	BP024788.D	23 May 2025 11:40	RC/JU	Ok,M
3	PB168131BL	BP024789.D	23 May 2025 12:20	RC/JU	Ok
4	PB168131BS	BP024790.D	23 May 2025 13:01	RC/JU	Ok,M
5	Q2093-14DL	BP024791.D	23 May 2025 13:45	RC/JU	Ok
6	Q2097-18	BP024792.D	23 May 2025 14:26	RC/JU	Ok
7	Q2097-12	BP024793.D	23 May 2025 15:06	RC/JU	Ok
8	Q2097-16	BP024794.D	23 May 2025 15:47	RC/JU	Ok
9	Q2094-01	BP024795.D	23 May 2025 16:28	RC/JU	Ok
10	Q2094-02	BP024796.D	23 May 2025 17:09	RC/JU	Ok
11	Q2094-03	BP024797.D	23 May 2025 17:49	RC/JU	Ok
12	Q2094-04	BP024798.D	23 May 2025 18:30	RC/JU	Ok
13	Q2094-05	BP024799.D	23 May 2025 19:11	RC/JU	Ok
14	Q2073-01	BP024800.D	23 May 2025 19:51	RC/JU	Ok
15	Q2073-02	BP024801.D	23 May 2025 20:32	RC/JU	Ok,M
16	Q2101-04	BP024802.D	23 May 2025 21:13	RC/JU	Ok
17	Q2095-08	BP024803.D	23 May 2025 21:54	RC/JU	Ok
18	Q2106-01	BP024804.D	23 May 2025 22:34	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM
SubDirectory	BF052025	HP Acquire Method	BNA_F
		HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142465.D	20 May 2025 11:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142466.D	20 May 2025 11:41	Fresh Calibration Required	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF142467.D	20 May 2025 12:10		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF142468.D	20 May 2025 12:38	Compound #32,54,85 removed from 5ppm	RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF142469.D	20 May 2025 13:07		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF142470.D	20 May 2025 13:36		RC/JU	Ok
7	SSTDICCC040	SSTDICCC040	BF142471.D	20 May 2025 14:05	This calibration is good for both the methods, 8270E DOD and 625.1.	RC/JU	Ok
8	SSTDICC050	SSTDICC050	BF142472.D	20 May 2025 14:34		RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF142473.D	20 May 2025 15:03		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF142474.D	20 May 2025 15:31		RC/JU	Ok
11	SSTDICV040	ICVBF052025	BF142475.D	20 May 2025 16:31		RC/JU	Ok
12	PB168067TB	PB168067TB	BF142476.D	20 May 2025 17:29		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF052725

Review By	Rahul	Review On	5/27/2025 4:59:26 PM		
Supervise By	Jagrut	Supervise On	5/28/2025 5:50:27 PM		
SubDirectory	BF052725	HP Acquire Method	BNA_F	HP Processing Method	bf052025
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12666,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142551.D	27 May 2025 09:47		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142552.D	27 May 2025 10:15		RC/JU	Ok
3	PB168148BL	PB168148BL	BF142553.D	27 May 2025 10:45		RC/JU	Ok
4	PB168148BS	PB168148BS	BF142554.D	27 May 2025 11:14		RC/JU	Ok,M
5	PB168143BL	PB168143BL	BF142555.D	27 May 2025 11:42		RC/JU	Ok
6	PB168143BS	PB168143BS	BF142556.D	27 May 2025 12:11		RC/JU	Ok,M
7	PB168143BSD	PB168143BSD	BF142557.D	27 May 2025 12:39		RC/JU	Ok,M
8	PB168164BL	PB168164BL	BF142558.D	27 May 2025 13:24		RC/JU	Ok
9	PB168164BS	PB168164BS	BF142559.D	27 May 2025 13:52		RC/JU	Ok,M
10	Q2109-01DL	TP-02-MHFDL	BF142560.D	27 May 2025 14:26		RC/JU	Ok,M
11	Q2127-11	COMP-2	BF142561.D	27 May 2025 14:55		RC/JU	Ok,M
12	Q2127-01	COMP-1	BF142562.D	27 May 2025 15:23		RC/JU	Ok,M
13	Q2127-01MS	COMP-1MS	BF142563.D	27 May 2025 15:52		RC/JU	Ok,M
14	Q2127-01MSD	COMP-1MSD	BF142564.D	27 May 2025 16:21		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM
SubDirectory	BP051325	HP Acquire Method	BNA_P
		HP Processing Method	bp051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024613.D	13 May 2025 10:00		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024614.D	13 May 2025 10:41		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024615.D	13 May 2025 11:22	Compound#32-54-56-65-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024616.D	13 May 2025 12:03		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024617.D	13 May 2025 12:43		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024618.D	13 May 2025 13:24	Compound#32-54-56 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP024619.D	13 May 2025 14:05		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024620.D	13 May 2025 14:45		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024621.D	13 May 2025 15:26		RC/JU	Ok,M
10	SSTDICV040	ICVBP051325	BP024622.D	13 May 2025 17:01		RC/JU	Ok,M
11	PB167917TB	PB167917TB	BP024623.D	13 May 2025 18:23		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP052325

Review By	Rahul	Review On	5/27/2025 10:49:36 AM		
Supervise By	Jagrut	Supervise On	5/27/2025 2:39:24 PM		
SubDirectory	BP052325	HP Acquire Method	BNA_P	HP Processing Method	BP051325
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12666,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024787.D	23 May 2025 10:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024788.D	23 May 2025 11:40		RC/JU	Ok,M
3	PB168131BL	PB168131BL	BP024789.D	23 May 2025 12:20		RC/JU	Ok
4	PB168131BS	PB168131BS	BP024790.D	23 May 2025 13:01		RC/JU	Ok,M
5	Q2093-14DL	WATER-COMPDL	BP024791.D	23 May 2025 13:45		RC/JU	Ok
6	Q2097-18	RT-3888	BP024792.D	23 May 2025 14:26		RC/JU	Ok
7	Q2097-12	RT3419	BP024793.D	23 May 2025 15:06		RC/JU	Ok
8	Q2097-16	72-12013	BP024794.D	23 May 2025 15:47		RC/JU	Ok
9	Q2094-01	COMP-1	BP024795.D	23 May 2025 16:28		RC/JU	Ok
10	Q2094-02	COMP-2	BP024796.D	23 May 2025 17:09		RC/JU	Ok
11	Q2094-03	COMP-3	BP024797.D	23 May 2025 17:49		RC/JU	Ok
12	Q2094-04	COMP-4	BP024798.D	23 May 2025 18:30		RC/JU	Ok
13	Q2094-05	COMP-5	BP024799.D	23 May 2025 19:11		RC/JU	Ok
14	Q2073-01	GDW1	BP024800.D	23 May 2025 19:51		RC/JU	Ok
15	Q2073-02	GDW2	BP024801.D	23 May 2025 20:32		RC/JU	Ok,M
16	Q2101-04	TP-1-MHE	BP024802.D	23 May 2025 21:13		RC/JU	Ok
17	Q2095-08	WCS-TP2	BP024803.D	23 May 2025 21:54		RC/JU	Ok
18	Q2106-01	TW-WTS-09	BP024804.D	23 May 2025 22:34		RC/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP052325

Review By	Rahul	Review On	5/27/2025 10:49:36 AM		
Supervise By	Jagrut	Supervise On	5/27/2025 2:39:24 PM		
SubDirectory	BP052325	HP Acquire Method	BNA_P	HP Processing Method	BP051325
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791				
CCC	SP6787				
Internal Standard/PEM	S12666,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A **Extraction Start Date :** 05/23/2025

Matrix : Water **Extraction Start Time :** 08:31

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 05/23/2025

Balance check: N/A **Filter By:** RJ **Extraction End Time :** 13:30

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3880 **Hood ID:** 4,6,7 **Supervisor By :** RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2614
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted <2 with 1:1 H2SO4 & >11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

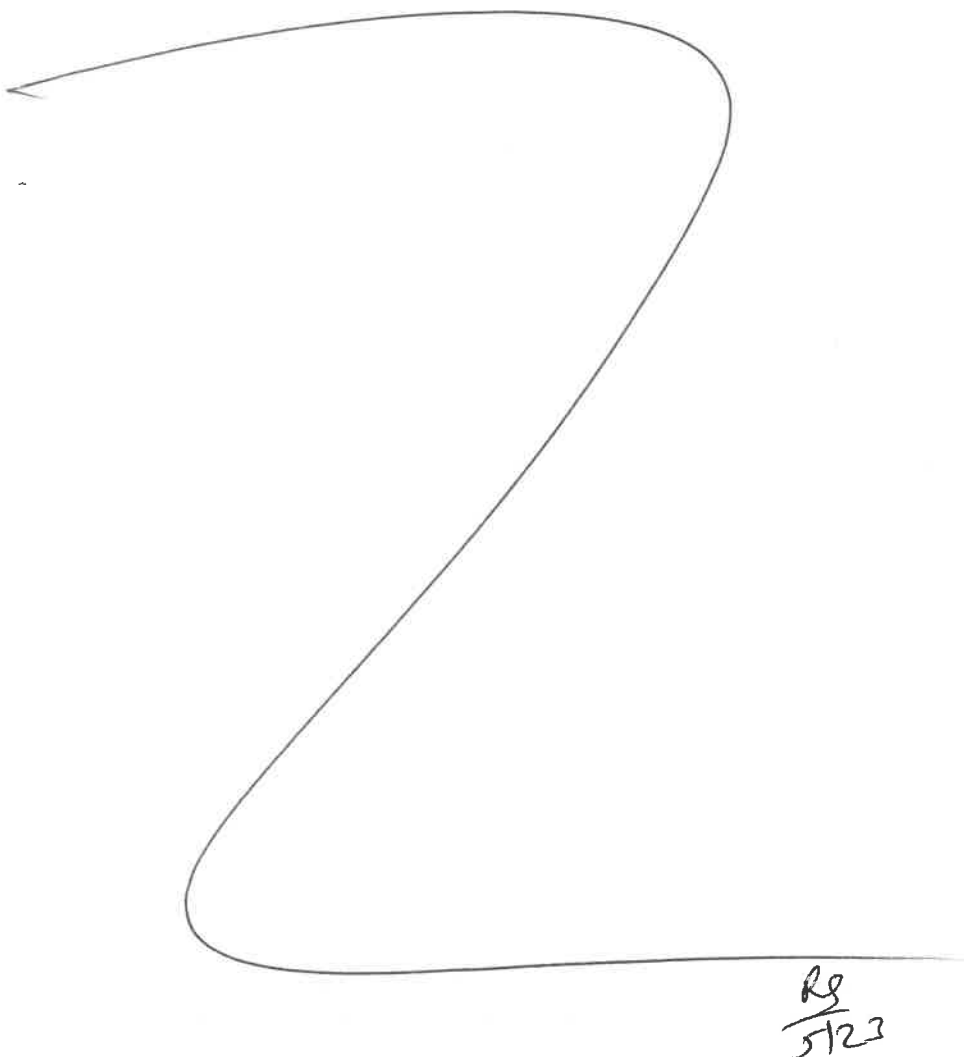
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/23/25	RS (EQ Lab)	RCBvoc
13:35	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/23/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168143BL	SBLK143	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			SEP-7
PB168143BS	SLCS143	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			8
PB168143BS D	SLCSD143	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			9
Q2102-03	LAW-25-0078	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1	N		10
Q2106-01	TW-WTS-09	SVOCMS Group4	980	12	ritesh	Evelyn	1	G		11
Q2114-01	GAW1	SVOCMS Group1	990	6	ritesh	Evelyn	1	D		12



Rg
5/23

16843
5/23/25
8:26

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2106 WorkList ID : 189729 Department : Extraction Date : 05-23-2025 08:26:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2102-03	LAW-25-0078	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L21	05/21/2025	8270E
Q2106-01	TW-WTS-09	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	L31	05/19/2025	8270E
Q2114-01	GAW1	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L31	05/22/2025	8270E

Date/Time 5/23/25 8:26
Raw Sample Received by: RS (EXT-946)
Raw Sample Relinquished by: OP SR

Date/Time 5/23/25 9:05
Raw Sample Received by: OP SR
Raw Sample Relinquished by: RJ (EXT-946)



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:

Q2106

COC Number:

Page 1 of 1

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

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

SVOC-TCL BNA-20	Flash Point	PCB	BOD5	TSS	VOC-TCLVOA- 10	Metals ICP-TAL			
1	2	3	4	5	6	7	8	9	

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*

HARD COPY: DAYS*

EDD 5 DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	A	B			<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME											
								1	2	3	4	5	6	7	8	9	
1.	TW-WTS-09	Surface Water		X	5/19	12:00	7	X	X	X	X	X	X	X			
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 05/19/25 12:00	RECEIVED BY 1341 5-21-25	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 4.4°C ☐ Ice in Cooler? _____
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY	Comments:
RELINQUISHED BY 3.	DATE/TIME 1545 5-21-25	RECEIVED FOR LAB BY 3.	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

Page _____ of _____

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

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