

Cover Page

Order ID : Q2033

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

Client : ENTACT

Lab Sample Number

Q2033-01

Client Sample Number

TW-WTS-08

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: 5/22/2025

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 #: Q2033

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: PRATIK PATEL

Date: 05/22/2025

LAB CHRONICLE

OrderID:	Q2033	OrderDate:	5/13/2025 4:02:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2033-01	TW-WTS-08	Water	SVOCMS Group4	8270E	05/12/25	05/19/25	05/19/25	05/13/25



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Hit Summary Sheet
SW-846

SDG No.: Q2033

Client: ENTACT

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	TW-WTS-08							
Q2033-01	TW-WTS-08	WATER	Naphthalene	2.900	J	0.51	5.1	ug/L
			Total Svoc :			2.90		
			Total Concentration:			2.90		



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2033

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168048BL	PB168048BL	2-Fluorophenol	150	133	88		15 (10)	110 (139)
		Phenol-d6	150	122	81		15 (10)	110 (134)
		Nitrobenzene-d5	100	76.1	76		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	145	97		15 (44)	110 (137)
		Terphenyl-d14	100	90.1	90		30 (48)	130 (125)
PB168048BS	PB168048BS	2-Fluorophenol	150	122	82		15 (10)	110 (139)
		Phenol-d6	150	117	78		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.5	69		30 (49)	130 (133)
		2-Fluorobiphenyl	100	74.5	74		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	139	93		15 (44)	110 (137)
		Terphenyl-d14	100	76.9	77		30 (48)	130 (125)
PB168048BSD	PB168048BSD	2-Fluorophenol	150	128	85		15 (10)	110 (139)
		Phenol-d6	150	120	80		15 (10)	110 (134)
		Nitrobenzene-d5	100	75.8	76		30 (49)	130 (133)
		2-Fluorobiphenyl	100	78.1	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	146	97		15 (44)	110 (137)
		Terphenyl-d14	100	79.4	79		30 (48)	130 (125)
Q2033-01	TW-WTS-08	2-Fluorophenol	150	68.4	46		15 (10)	110 (139)
		Phenol-d6	150	40.9	27		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.2	79		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.9	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	157	104		15 (44)	110 (137)
		Terphenyl-d14	100	86.2	86		30 (48)	130 (125)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2033

Client: ENTACT

Analytical Method: 8270E DataFile: BP024707.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168048BS	Phenol	50	40.0	ug/L	80				20 (66)	160 (118)	
	1,4-Dichlorobenzene	50	39.3	ug/L	79				70 (76)	130 (103)	
	1,2,4-Trichlorobenzene	50	41.1	ug/L	82				70 (41)	130 (115)	
	Naphthalene	50	39.4	ug/L	79				70 (64)	130 (107)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2033

Client: ENTACT

Analytical Method: 8270E DataFile: BP024708.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB168048BSD	Phenol	50	41.7	ug/L	83	4			20 (66)	160 (118)	20 (20)
	1,4-Dichlorobenzene	50	42.5	ug/L	85	8			70 (76)	130 (103)	20 (20)
	1,2,4-Trichlorobenzene	50	44.4	ug/L	89	8			70 (41)	130 (115)	20 (20)
	Naphthalene	50	42.5	ug/L	85	8			70 (64)	130 (107)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168048BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: Q2033

SAS No.: Q2033 SDG NO.: Q2033

Lab File ID: BP024706.D

Lab Sample ID: PB168048BL

Instrument ID: BNA_P

Date Extracted: 05/19/2025

Matrix: (soil/water) Water

Date Analyzed: 05/20/2025

Level: (low/med) LOW

Time Analyzed: 13:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168048BS	PB168048BS	BP024707.D	05/20/2025
PB168048BSD	PB168048BSD	BP024708.D	05/20/2025
TW-WTS-08	Q2033-01	BP024694.D	05/19/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q2033SDG NO.: Q2033Lab 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.: Q2033SDG NO.: Q2033Lab File ID: BP024685.DDFTPP Injection Date: 05/19/2025Instrument ID: BNA_PDFTPP Injection Time: 11:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	22.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	32.6
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	4.9
275	10.0 - 60.0% of mass 198	23.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.7
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
SSTDCCC040	SSTDCCC040	BP024686.D	05/19/2025	12:48
TW-WTS-08	Q2033-01	BP024694.D	05/19/2025	18:19



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q2033SDG NO.: Q2033Lab File ID: BP024702.DDFTPP Injection Date: 05/20/2025Instrument ID: BNA_PDFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.2
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	23.8
70	Less than 2.0% of mass 69	0.1 (0.6) 1
127	10.0 - 80.0% of mass 198	33.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.7
275	10.0 - 60.0% of mass 198	24
365	Greater than 1% of mass 198	3.9
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 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024703.D	05/20/2025	11:52
PB168048BL	PB168048BL	BP024706.D	05/20/2025	13:55
PB168048BS	PB168048BS	BP024707.D	05/20/2025	14:35
PB168048BSD	PB168048BSD	BP024708.D	05/20/2025	15:16

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2033 SAS No.: Q2033 SDG NO.: Q2033

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/19/2025

Lab File ID: BP024686.D Time Analyzed: 12:48

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	148955	7.658	651543	10.43	426043	14.29
UPPER LIMIT	297910	8.158	1303090	10.928	852086	14.792
LOWER LIMIT	74477.5	7.158	325772	9.928	213022	13.792
EPA SAMPLE NO.						
01 TW-WTS-08	192352	7.66	773092	10.43	505969	14.29

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.: Q2033 SAS No.: Q2033 SDG NO.: Q2033

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/19/2025

Lab File ID: BP024686.D Time Analyzed: 12:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	875686	17.092	872281	21.527	779874	24.81
UPPER LIMIT	1751370	17.592	1744560	22.027	1559750	25.31
LOWER LIMIT	437843	16.592	436141	21.027	389937	24.31
EPA SAMPLE NO.						
01 TW-WTS-08	1051810	17.09	1193980	21.52	1245480	24.80

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.: Q2033 SAS No.: Q2033 SDG NO.: Q2033

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/20/2025

Lab File ID: BP024703.D Time Analyzed: 11:52

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	123667	7.657	504753	10.43	316846	14.29
UPPER LIMIT	247334	8.157	1009510	10.928	633692	14.787
LOWER LIMIT	61833.5	7.157	252377	9.928	158423	13.787
EPA SAMPLE NO.						
01 PB168048BL	134412	7.66	500749	10.43	300658	14.29
02 PB168048BS	124819	7.66	494827	10.43	304328	14.29
03 PB168048BSD	139801	7.66	538123	10.42	329718	14.29

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.: Q2033 SAS No.: Q2033 SDG NO.: Q2033

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/20/2025

Lab File ID: BP024703.D Time Analyzed: 11:52

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	620396	17.081	679929	21.516	792201	24.798
UPPER LIMIT	1240790	17.581	1359860	22.016	1584400	25.298
LOWER LIMIT	310198	16.581	339965	21.016	396101	24.298
EPA SAMPLE NO.						
01 PB168048BL	642481	17.09	691700	21.52	756782	24.82
02 PB168048BS	614284	17.08	693187	21.52	827509	24.79
03 PB168048BSD	642991	17.08	741643	21.52	838594	24.79

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:	05/12/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/13/25
Client Sample ID:	TW-WTS-08	SDG No.:	Q2033
Lab Sample ID:	Q2033-01	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
BP024694.D	1	05/19/25 08:42	05/19/25 18:19	PB168048

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	2.90	J	0.51	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.4		15 (10) - 110 (139)	46%	SPK: 150
13127-88-3	Phenol-d6	40.9		15 (10) - 110 (134)	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.2		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.9		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		15 (44) - 110 (137)	104%	SPK: 150
1718-51-0	Terphenyl-d14	86.2		30 (48) - 130 (125)	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	192000		7.658		
1146-65-2	Naphthalene-d8	773000		10.428		
15067-26-2	Acenaphthene-d10	506000		14.293		
1517-22-2	Phenanthrene-d10	1050000		17.087		
1719-03-5	Chrysene-d12	1190000		21.516		
1520-96-3	Perylene-d12	1250000		24.798		

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\BP051925\
 Data File : BP024694.D
 Acq On : 19 May 2025 18:19
 Operator : RC/JU
 Sample : Q2033-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-WTS-08

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/20/2025
 Supervised By :Jagrut Upadhyay 05/20/2025

Quant Time: May 20 03:45:50 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 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	192352	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	773092	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	505969	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	1051807	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	1193975	20.000	ng	0.00
86) Perylene-d12	24.798	264	1245483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	768744	68.356	ng	0.00
7) Phenol-d6	6.864	99	586618	40.870	ng	0.01
23) Nitrobenzene-d5	8.805	82	1211281	79.165	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	1342886	156.557	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	2970149	76.907	ng	0.00
79) Terphenyl-d14	19.804	244	6000561	86.175	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.475	128	115040	2.872	ng	99
32) Benzoic acid	9.775	122	34239m	11.038	ng	

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

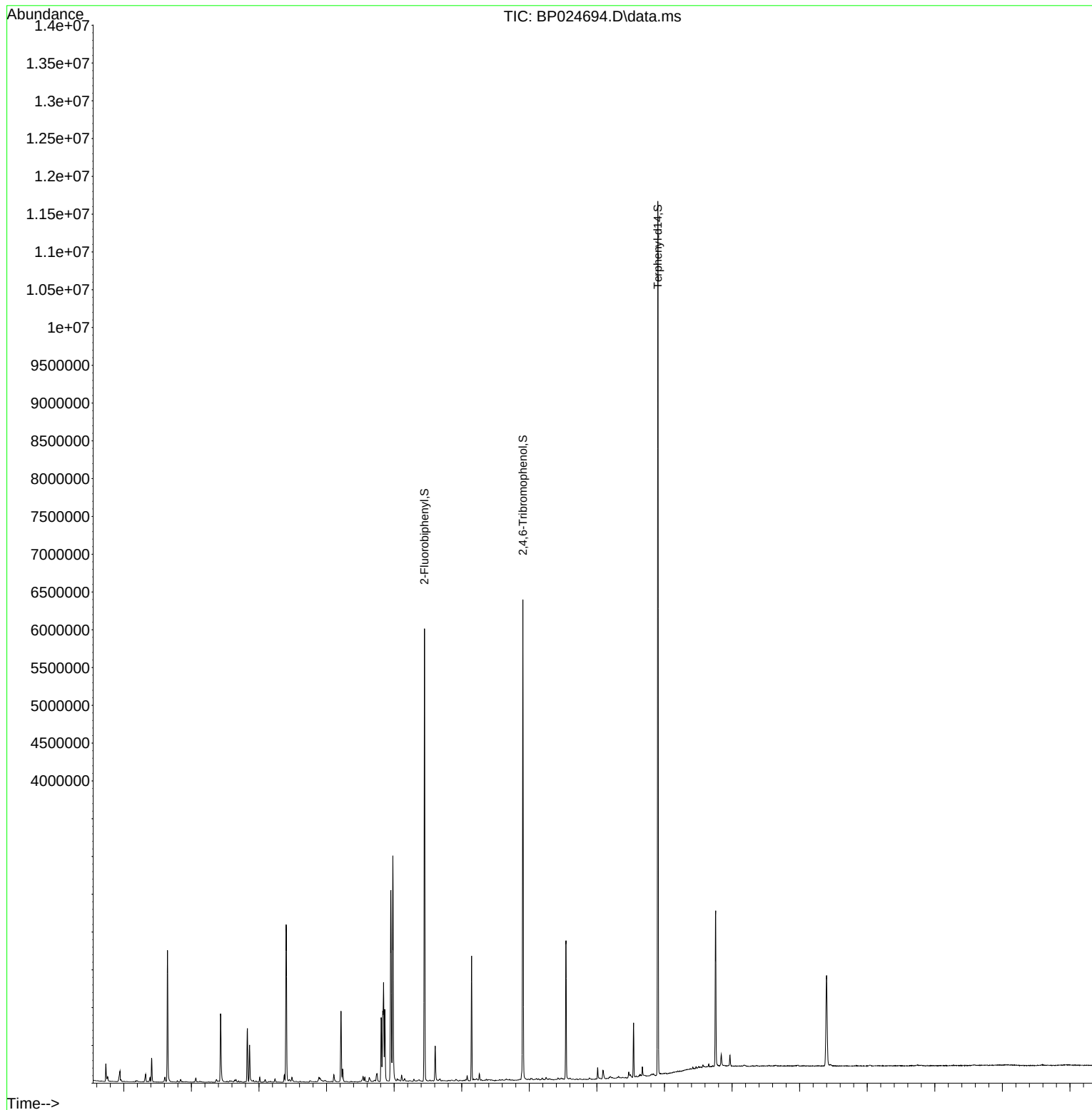
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024694.D
Acq On : 19 May 2025 18:19
Operator : RC/JU
Sample : Q2033-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

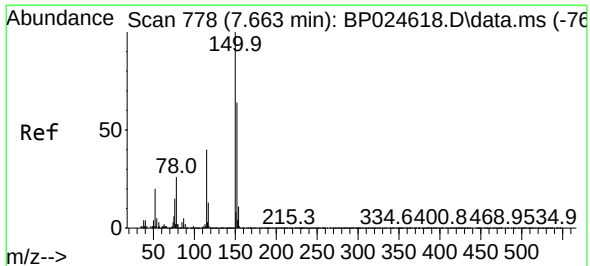
Instrument :
BNA_P
ClientSampleId :
TW-WTS-08

Quant Time: May 20 03:45:50 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 16:21:39 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

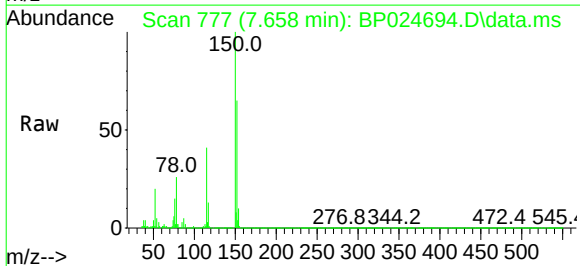
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

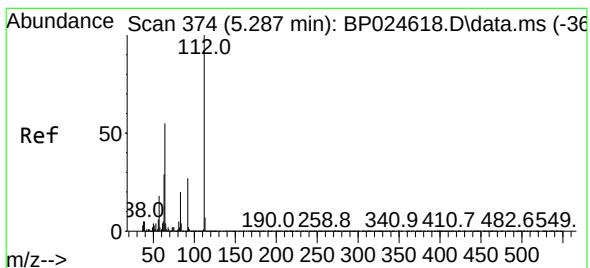
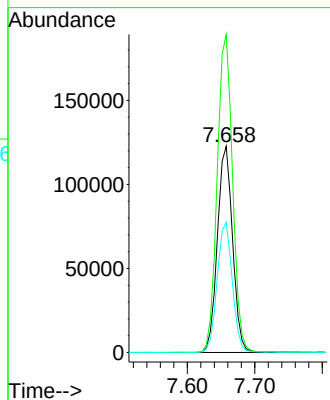
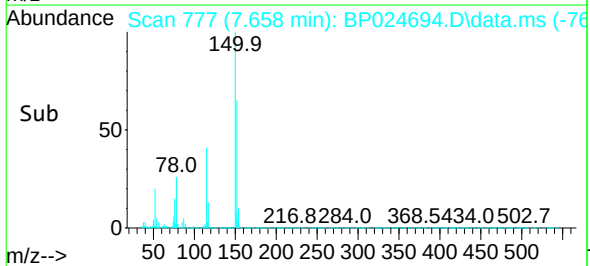
Instrument :
BNA_P
ClientSampleId :
TW-WTS-08



Tgt Ion: 152 Resp: 192352
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 63.1 50.1 75.1

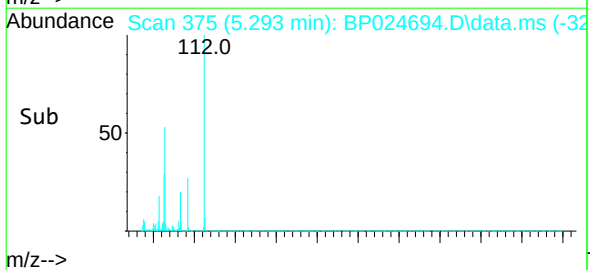
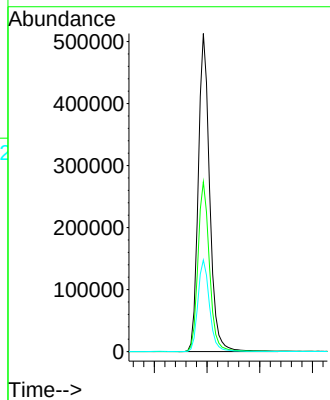
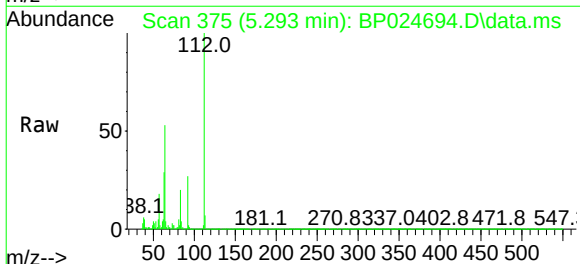
Manual Integrations
APPROVED

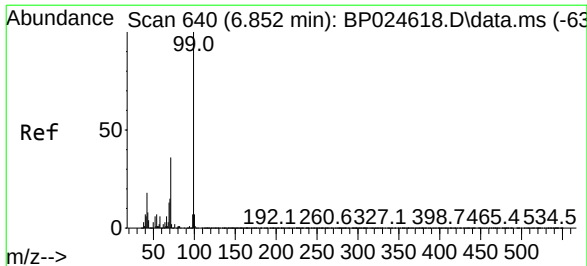
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025



#5
2-Fluorophenol
Concen: 68.356 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Tgt Ion: 112 Resp: 768744
Ion Ratio Lower Upper
112 100
64 53.4 44.1 66.1
63 28.8 23.5 35.3





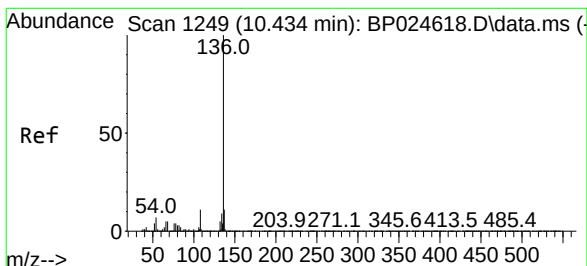
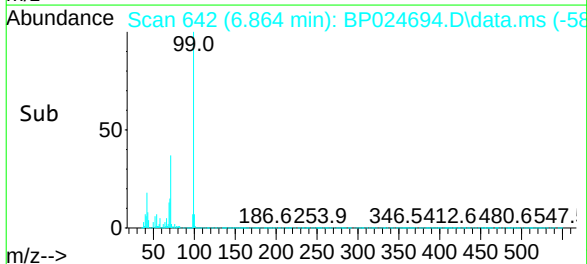
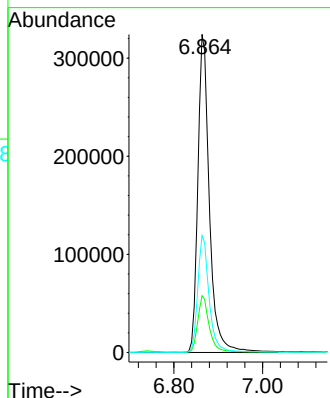
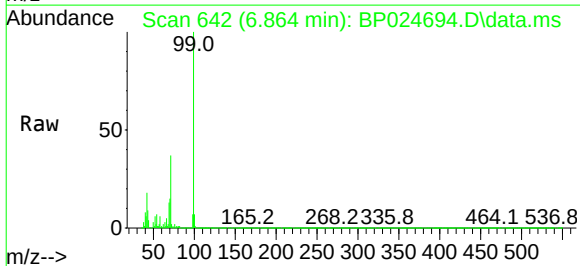
#7
Phenol-d6
Concen: 40.870 ng
RT: 6.864 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Instrument :
BNA_P
ClientSampleId :
TW-WTS-08

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.4	21.6
71	36.7	29.2	43.8

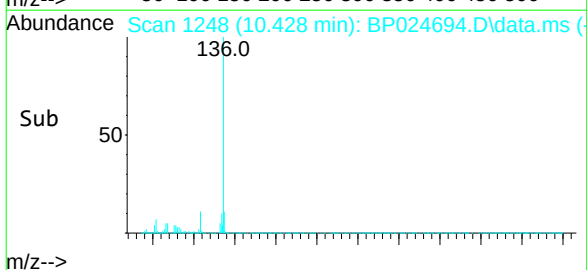
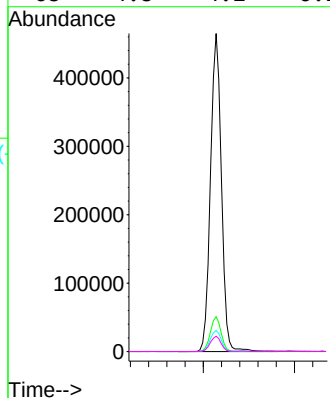
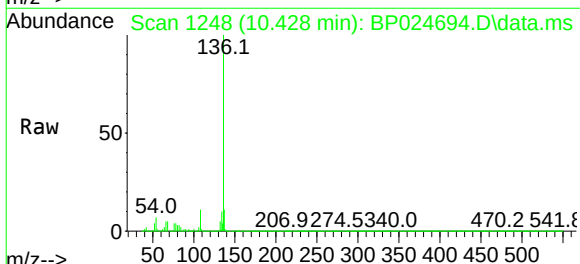
Manual Integrations
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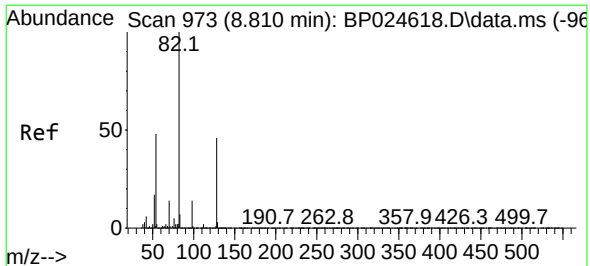
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.5	8.3
68	4.8	4.2	6.2





#23

Nitrobenzene-d5

Concen: 79.165 ng

RT: 8.805 min Scan# 97

Delta R.T. -0.006 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

TW-WTS-08

Tgt Ion: 82 Resp: 1211281

Ion Ratio Lower Upper

82 100

128 47.5 37.0 55.4

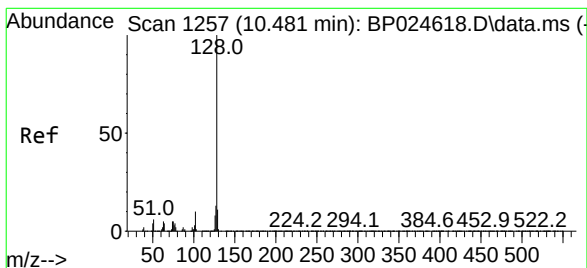
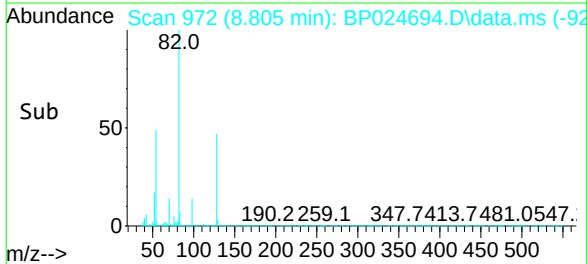
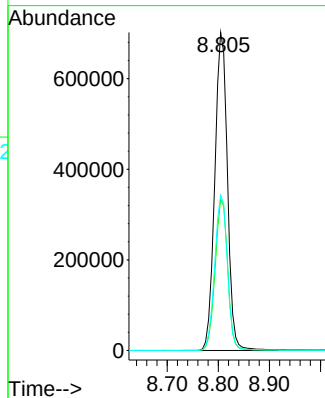
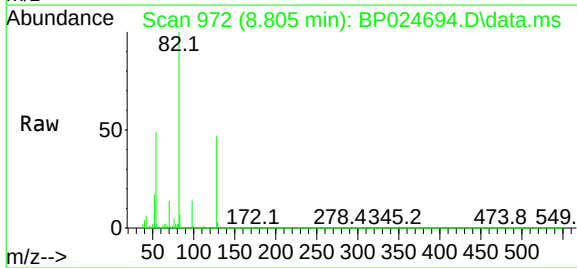
54 48.8 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/20/2025

Supervised By :Jagrut Upadhyay 05/20/2025



#31

Naphthalene

Concen: 2.872 ng

RT: 10.475 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

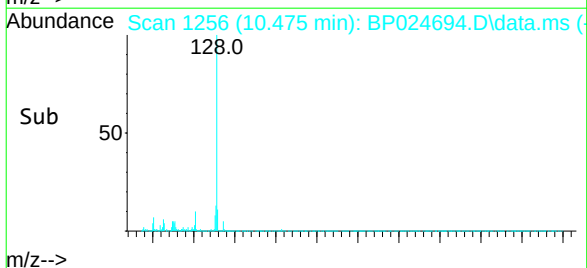
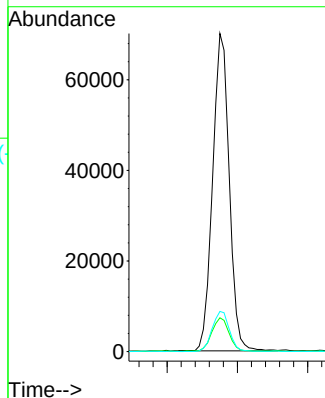
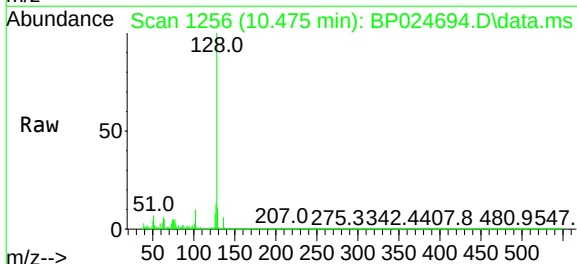
Tgt Ion:128 Resp: 115040

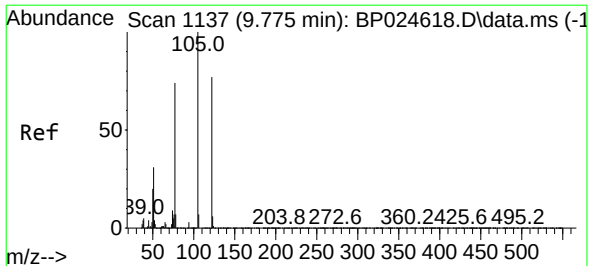
Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 12.6 10.7 16.1





#32

Benzoic acid

Concen: 11.038 ng m

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

TW-WTS-08

Tgt Ion:122 Resp: 34239

Ion Ratio Lower Upper

122 100

105 125.2 106.9 146.9

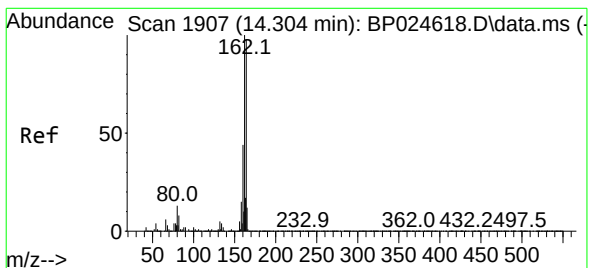
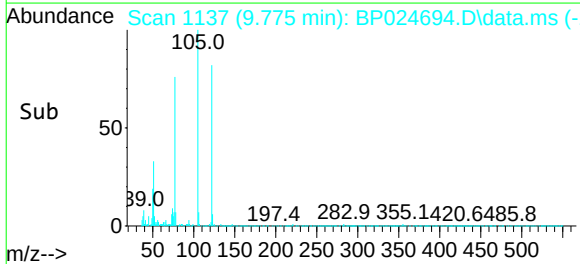
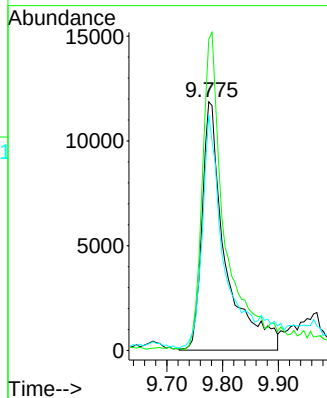
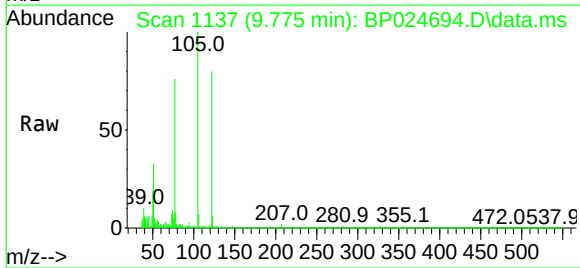
77 94.7 75.1 115.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/20/2025

Supervised By :Jagrut Upadhyay 05/20/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.293 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

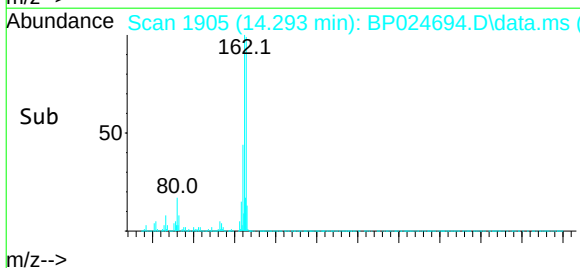
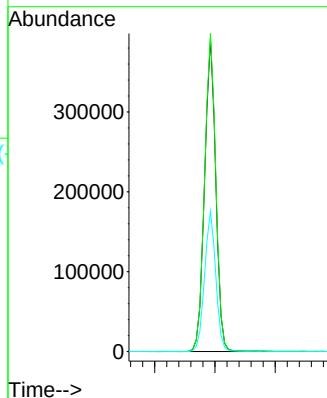
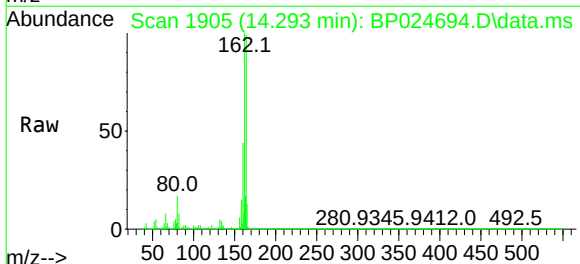
Tgt Ion:164 Resp: 505969

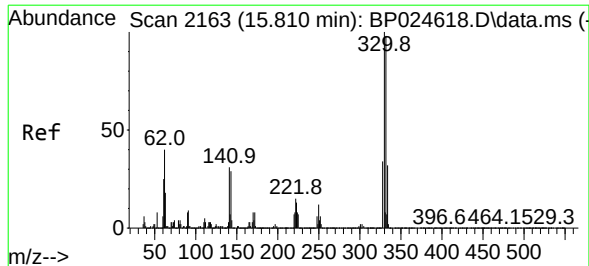
Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 156.557 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

TW-WTS-08

Tgt Ion:330 Resp: 1342886

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

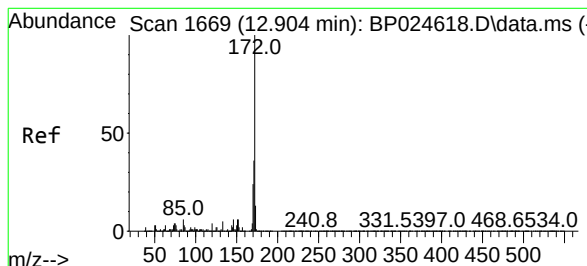
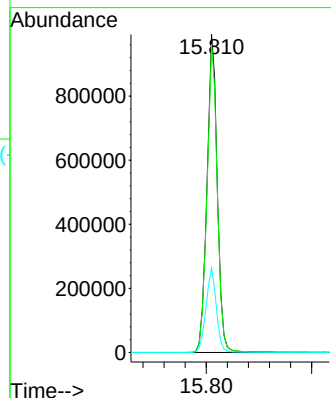
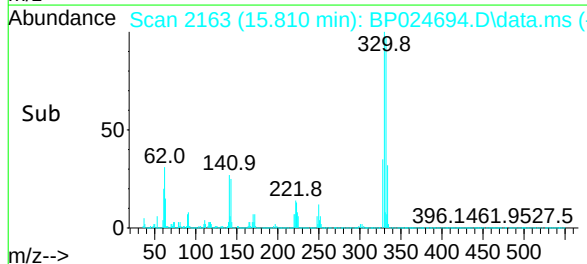
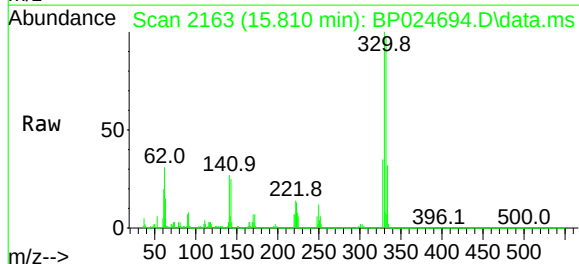
141 26.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/20/2025

Supervised By :Jagrut Upadhyay 05/20/2025



#45

2-Fluorobiphenyl

Concen: 76.907 ng

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

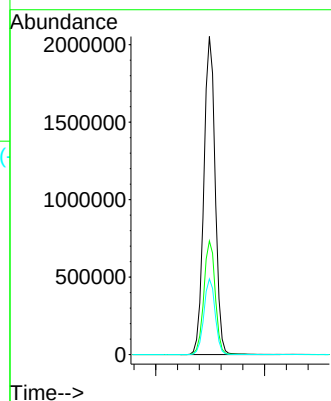
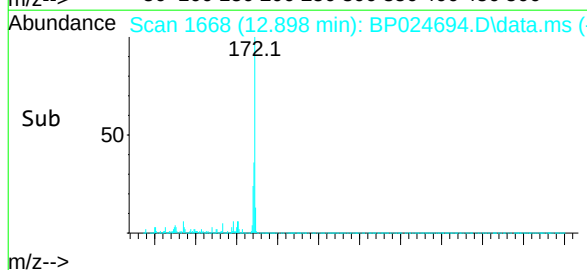
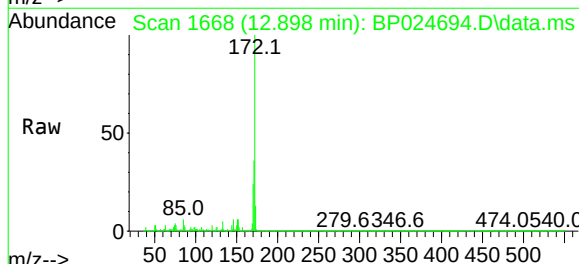
Tgt Ion:172 Resp: 2970149

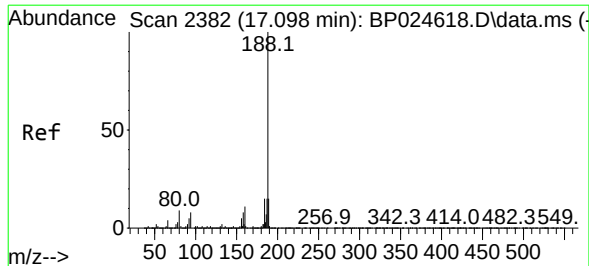
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 23

Delta R.T. -0.012 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

TW-WTS-08

Tgt Ion:188 Resp: 1051807

Ion Ratio Lower Upper

188 100

94 8.0 6.5 9.7

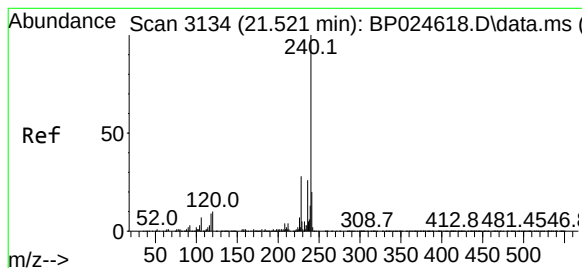
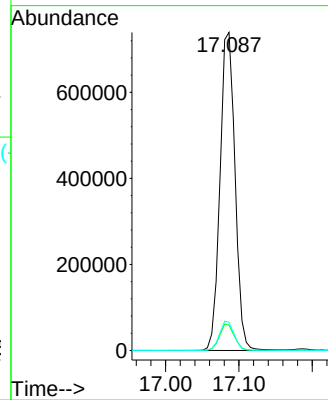
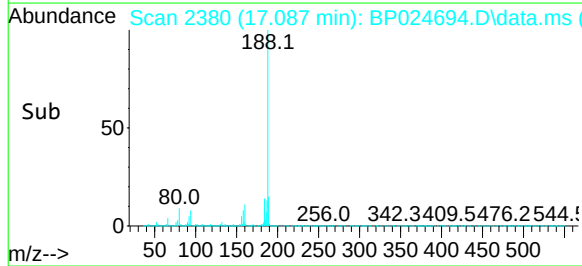
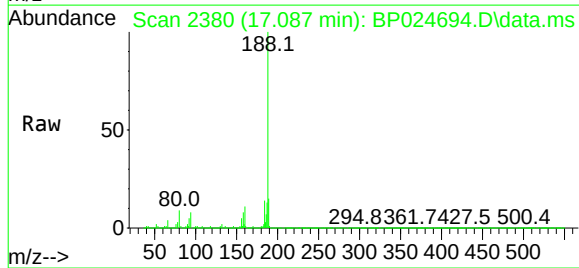
80 8.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/20/2025

Supervised By :Jagrut Upadhyay 05/20/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

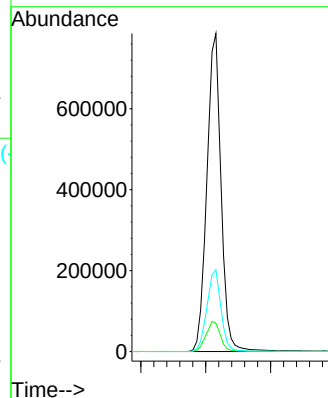
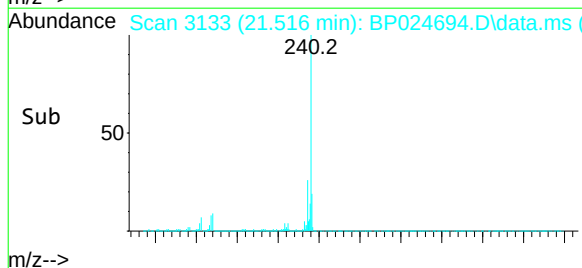
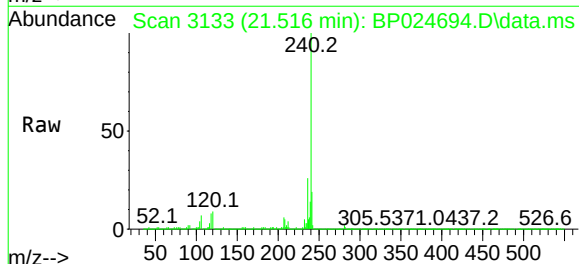
Tgt Ion:240 Resp: 1193975

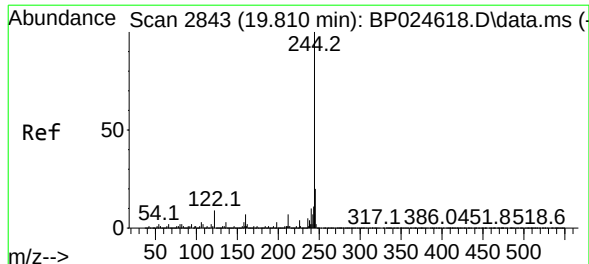
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 86.175 ng

RT: 19.804 min Scan# 28

Delta R.T. -0.006 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

TW-WTS-08

Tgt Ion:244 Resp: 6000561

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

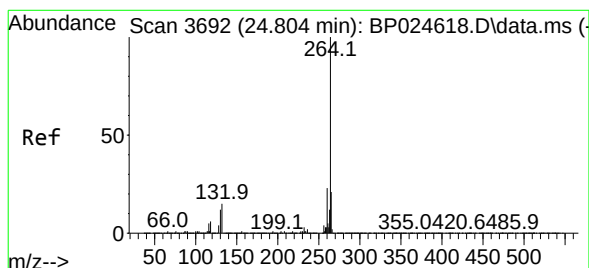
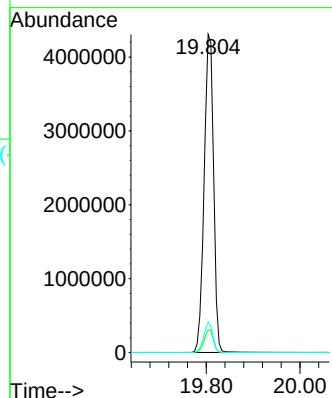
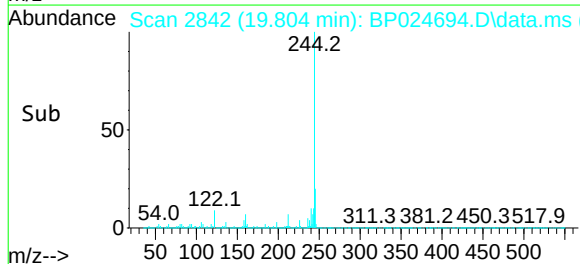
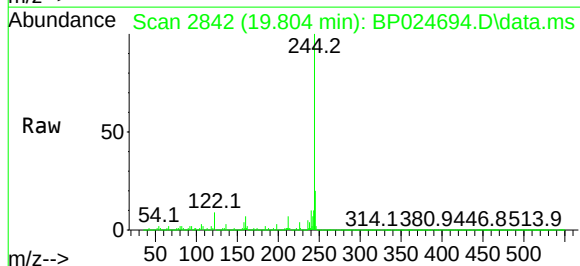
122 9.5 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/20/2025

Supervised By :Jagrut Upadhyay 05/20/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3691

Delta R.T. -0.006 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

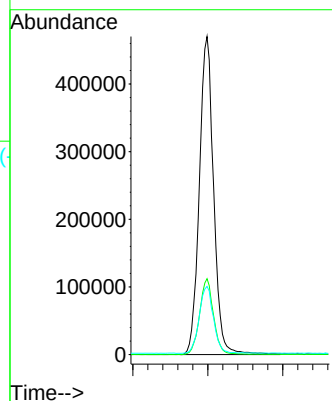
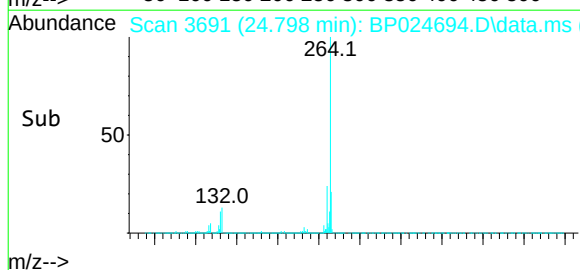
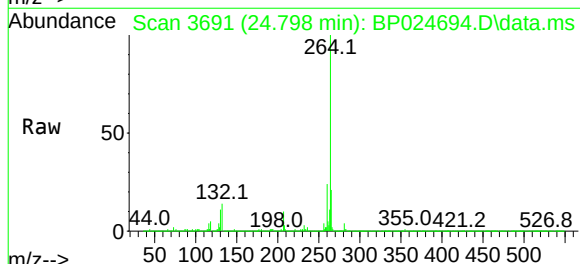
Tgt Ion:264 Resp: 1245483

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.4 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.: Q2033 SAS No.: Q2033 SDG No.: Q2033
 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	

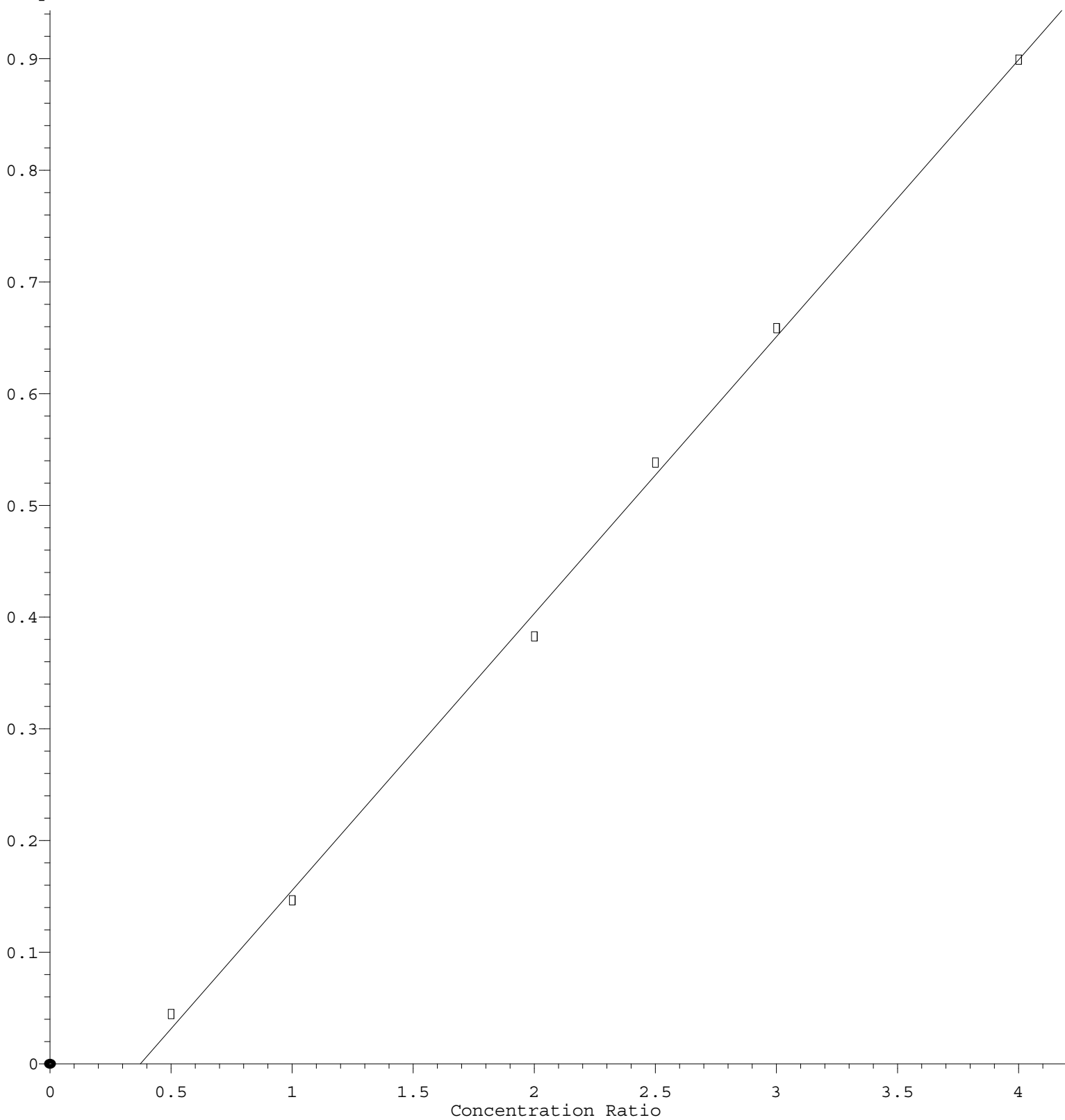
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

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



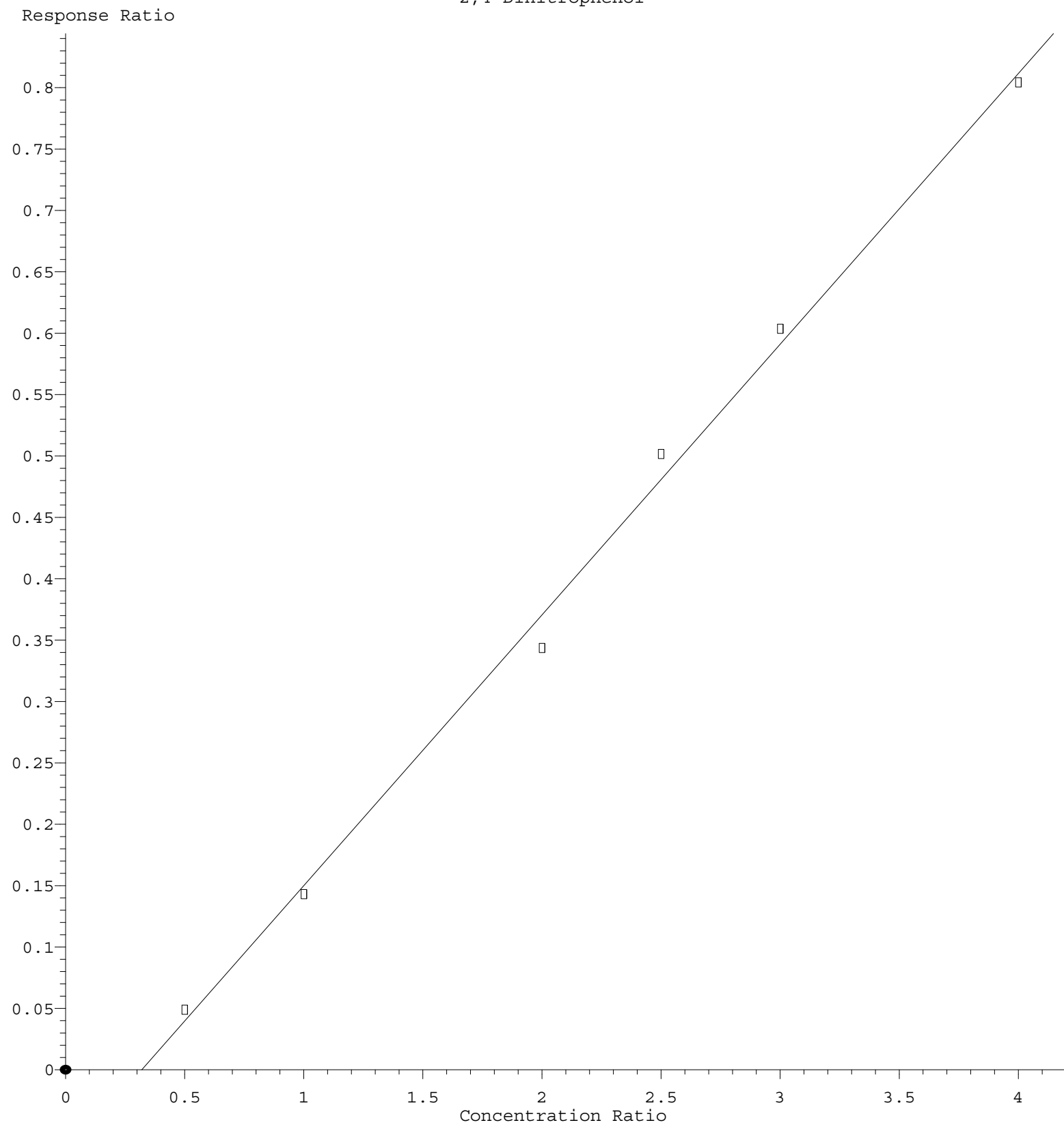
$$\text{Response} = 2.481\text{e-}001 * \text{Amt} - 9.265\text{e-}002$$

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



$$\text{Response} = 2.207\text{e-}001 * \text{Amt} - 7.063\text{e-}002$$

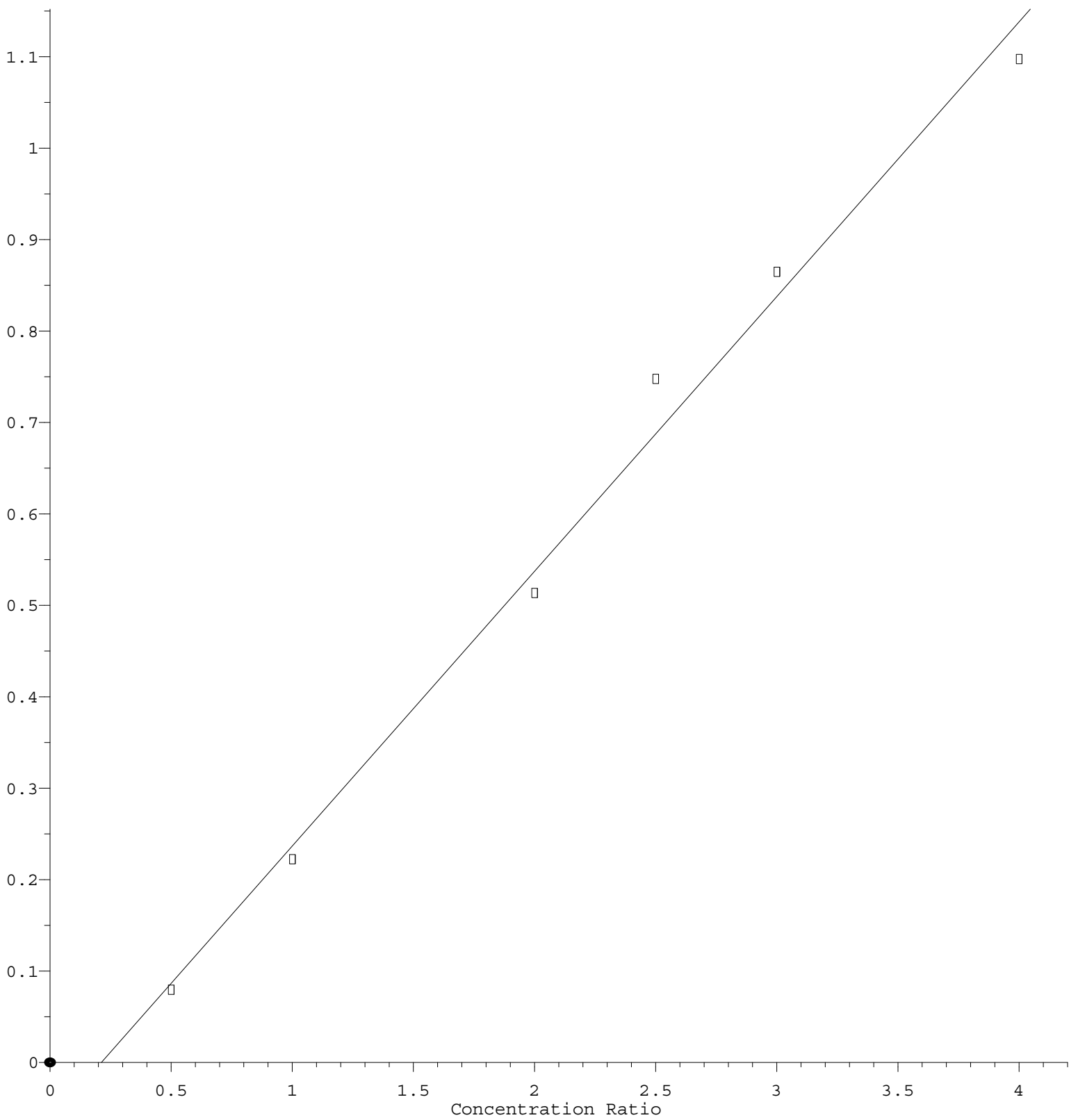
Coef of Det (r^2) = 0.996311 Curve Fit: Linear

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)

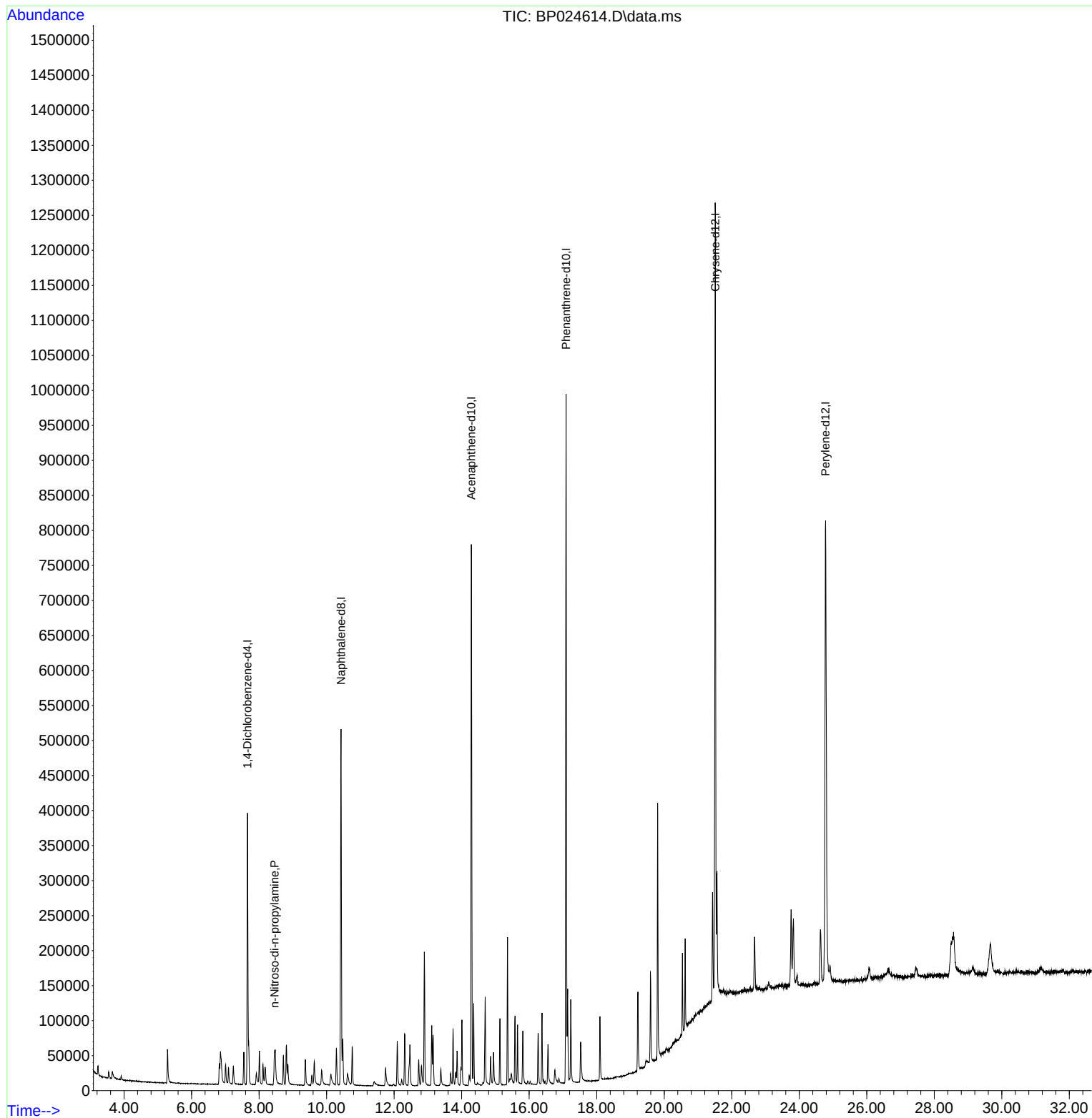
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	105461	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	434352	20.00	ng	0.00
39) Acenaphthene-d10	14.287	164	287970	20.00	ng	-0.02
64) Phenanthrene-d10	17.092	188	596044	20.00	ng	0.00
76) Chrysene-d12	21.516	240	663028	20.00	ng	0.00
86) Perylene-d12	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

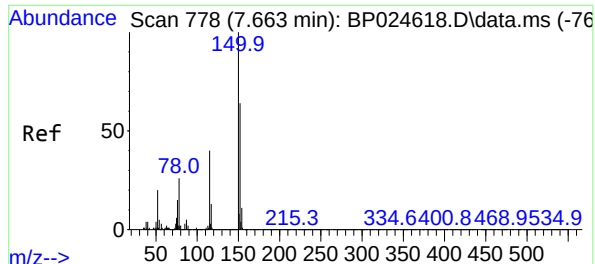
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

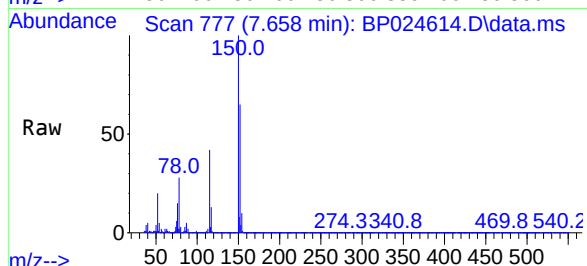
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



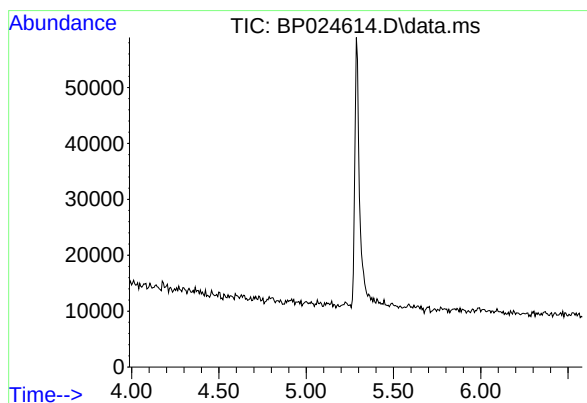
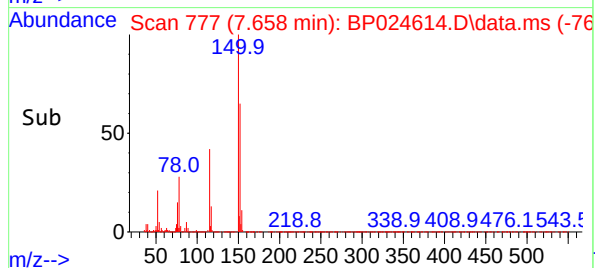
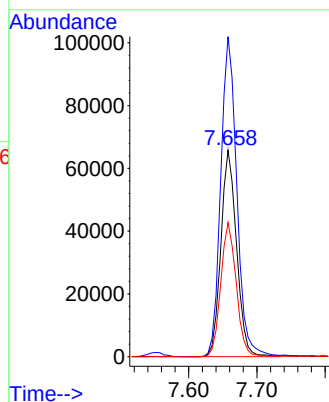
Tgt Ion:152 Resp: 105461

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

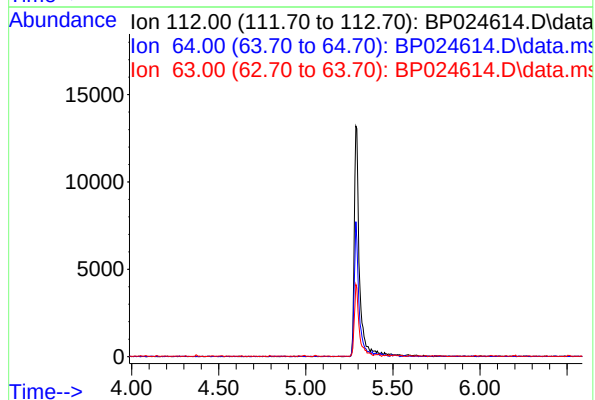
Tgt Ion: 112

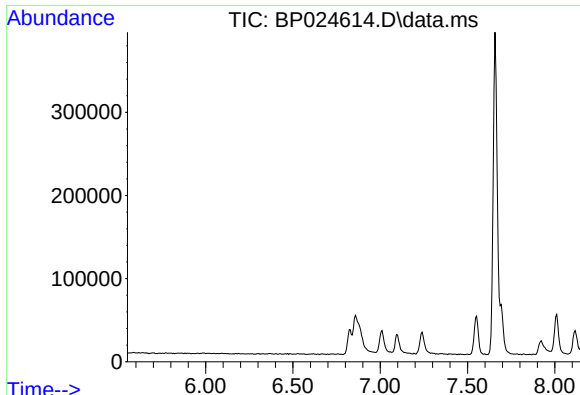
Sig Exp Ratio

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

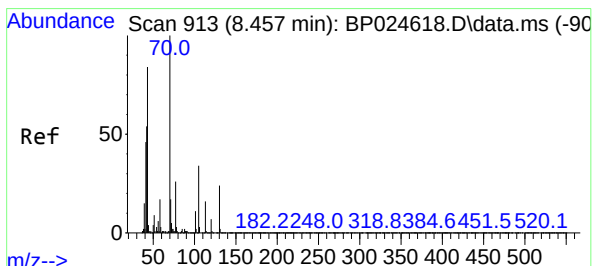
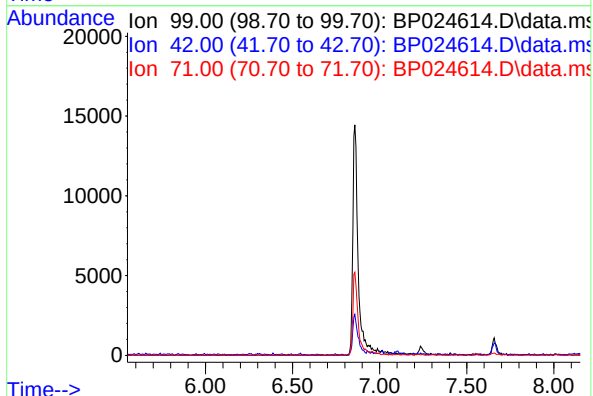
Tgt Ion: 99

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

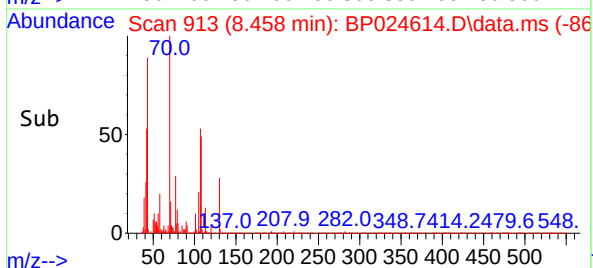
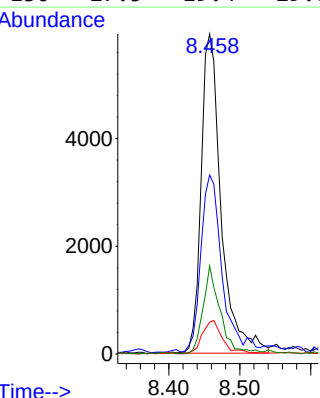
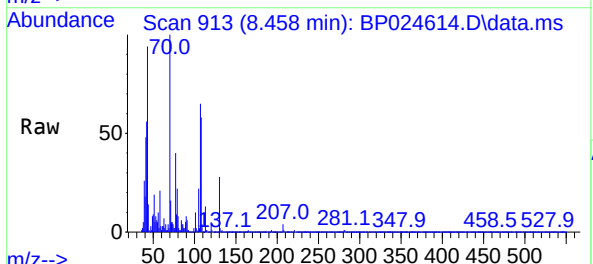
Ion Ratio Lower Upper

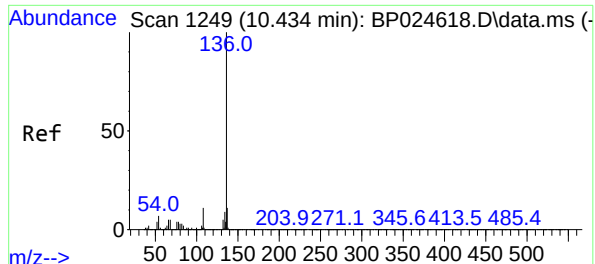
70 100

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

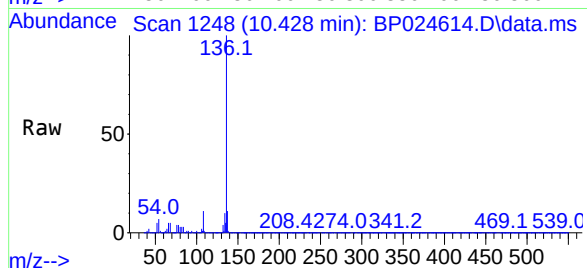
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 434352

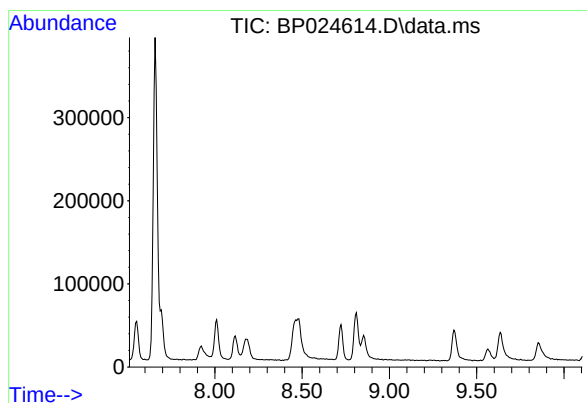
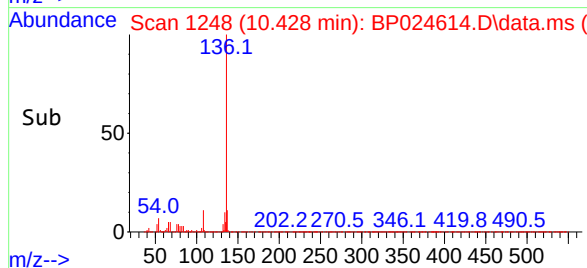
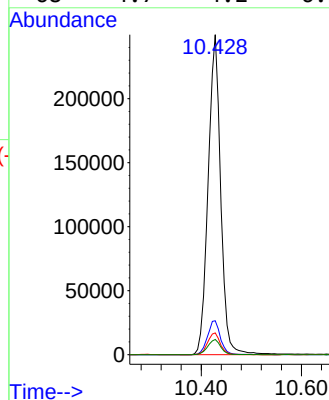
Ion Ratio Lower Upper

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

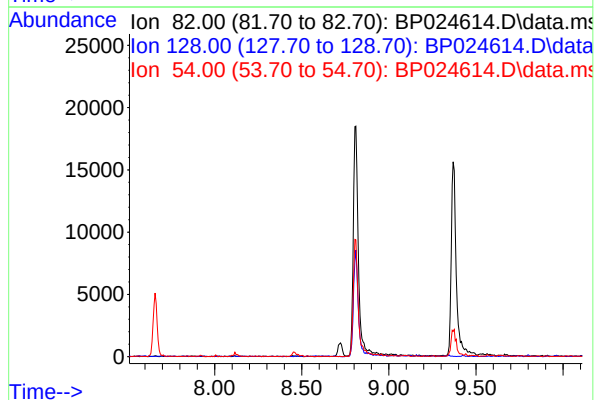
Tgt Ion: 82

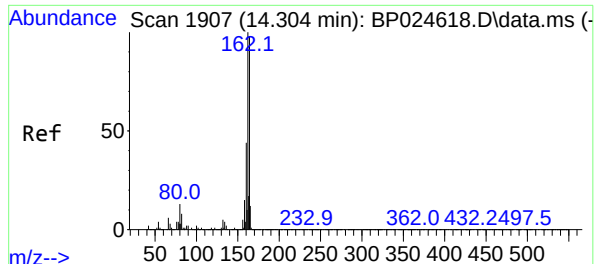
Sig Exp Ratio

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

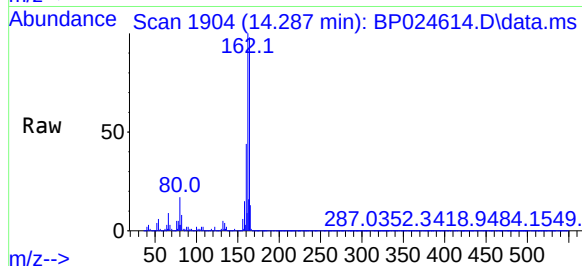
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



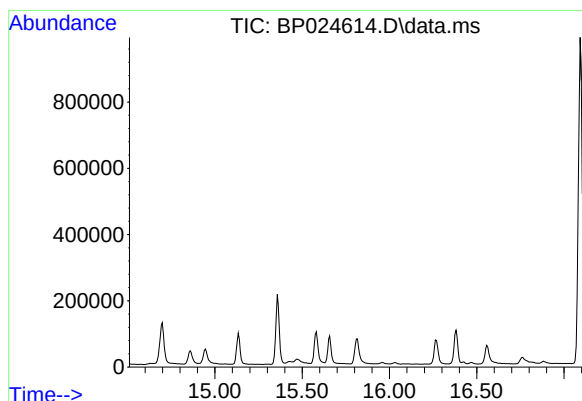
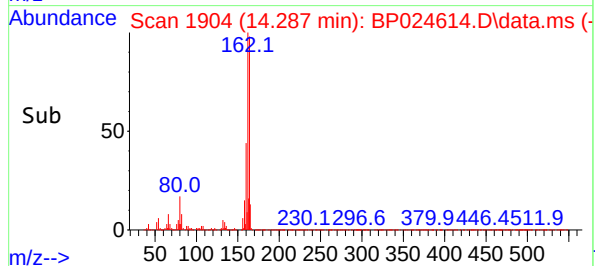
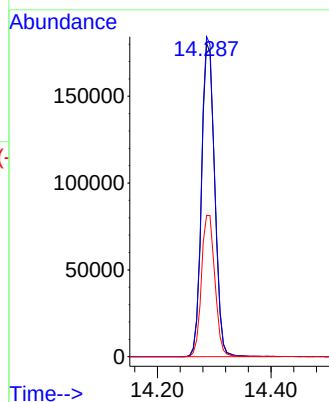
Tgt Ion:164 Resp: 287970

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

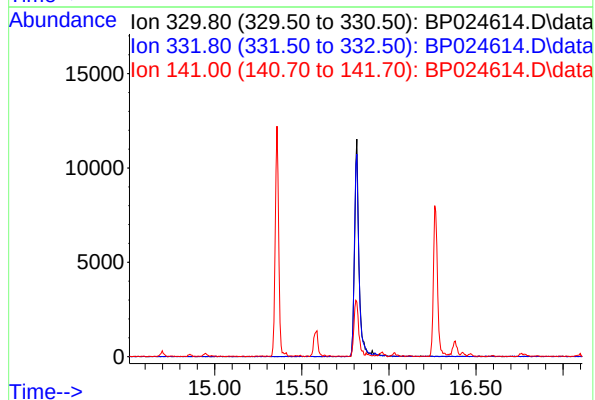
Tgt Ion: 330

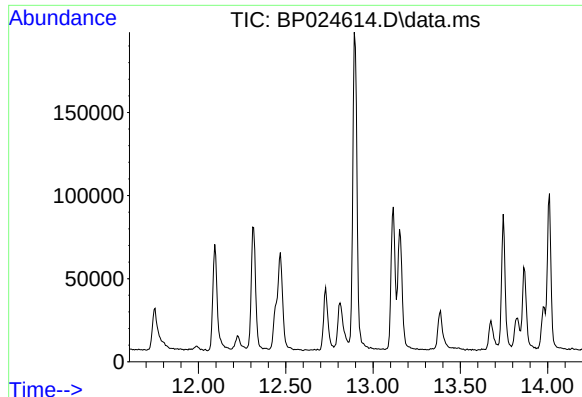
Sig Exp Ratio

330 100

332 97.8

141 30.4

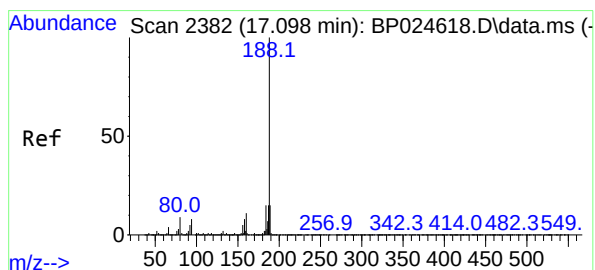
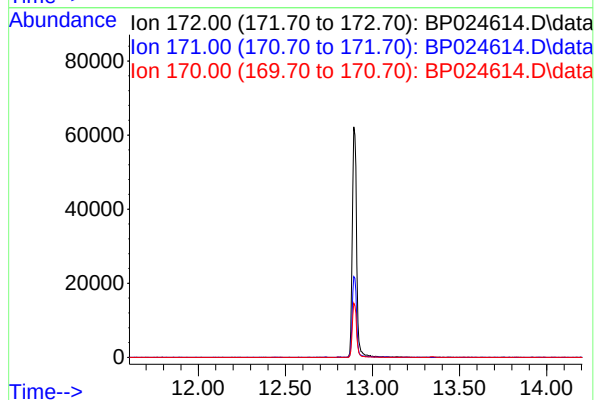




#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 12.90 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

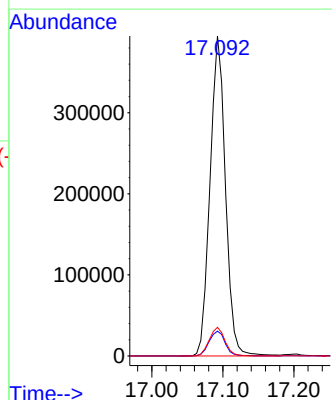
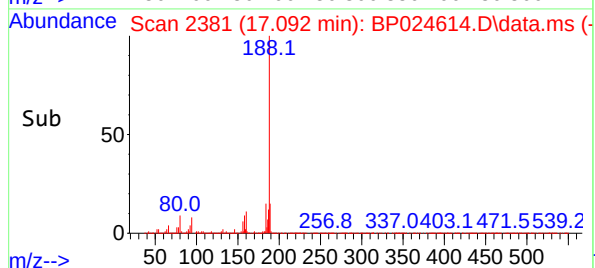
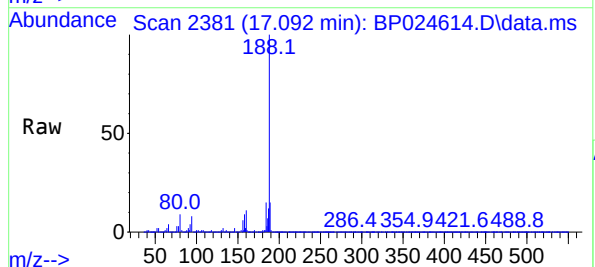
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

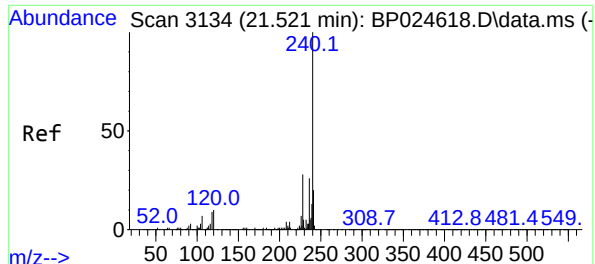
Tgt Ion: 172
Sig Exp Ratio
172 100
171 36.0
170 23.5



#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

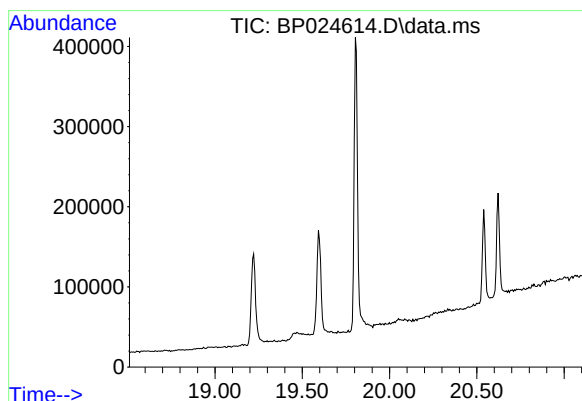
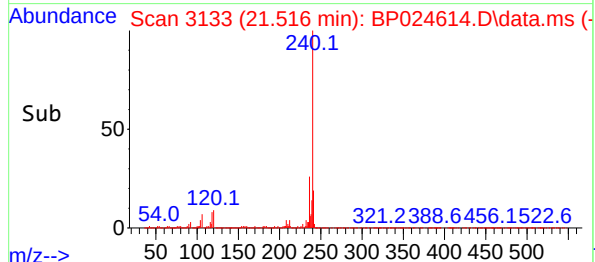
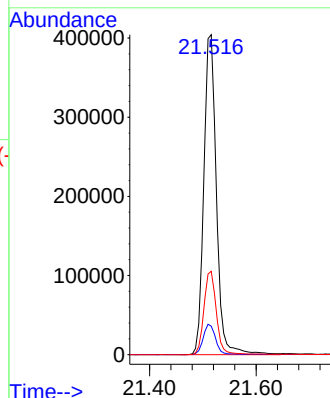
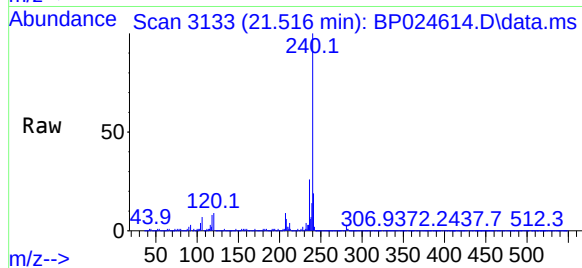




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

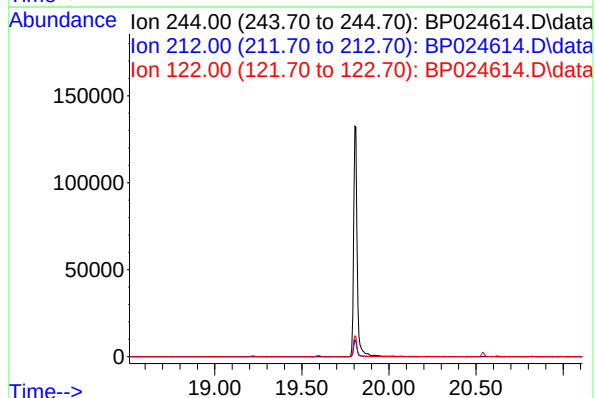
Tgt Ion:240 Resp: 663028
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.1 20.6 31.0

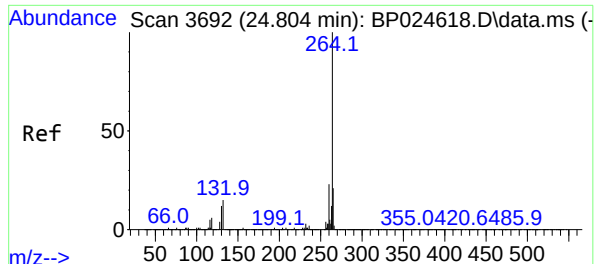


#79
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 19.81 min

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

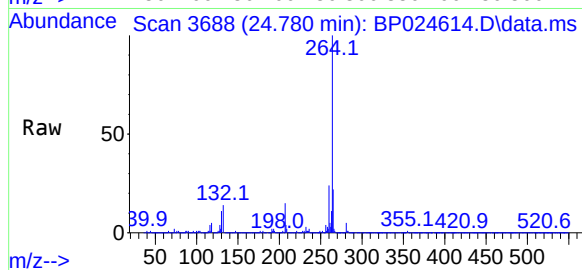
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



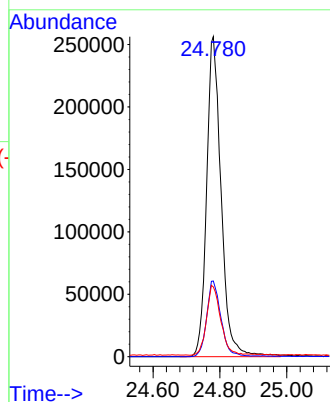
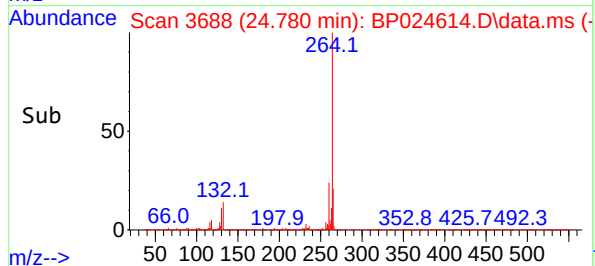
Tgt Ion:264 Resp: 769627

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

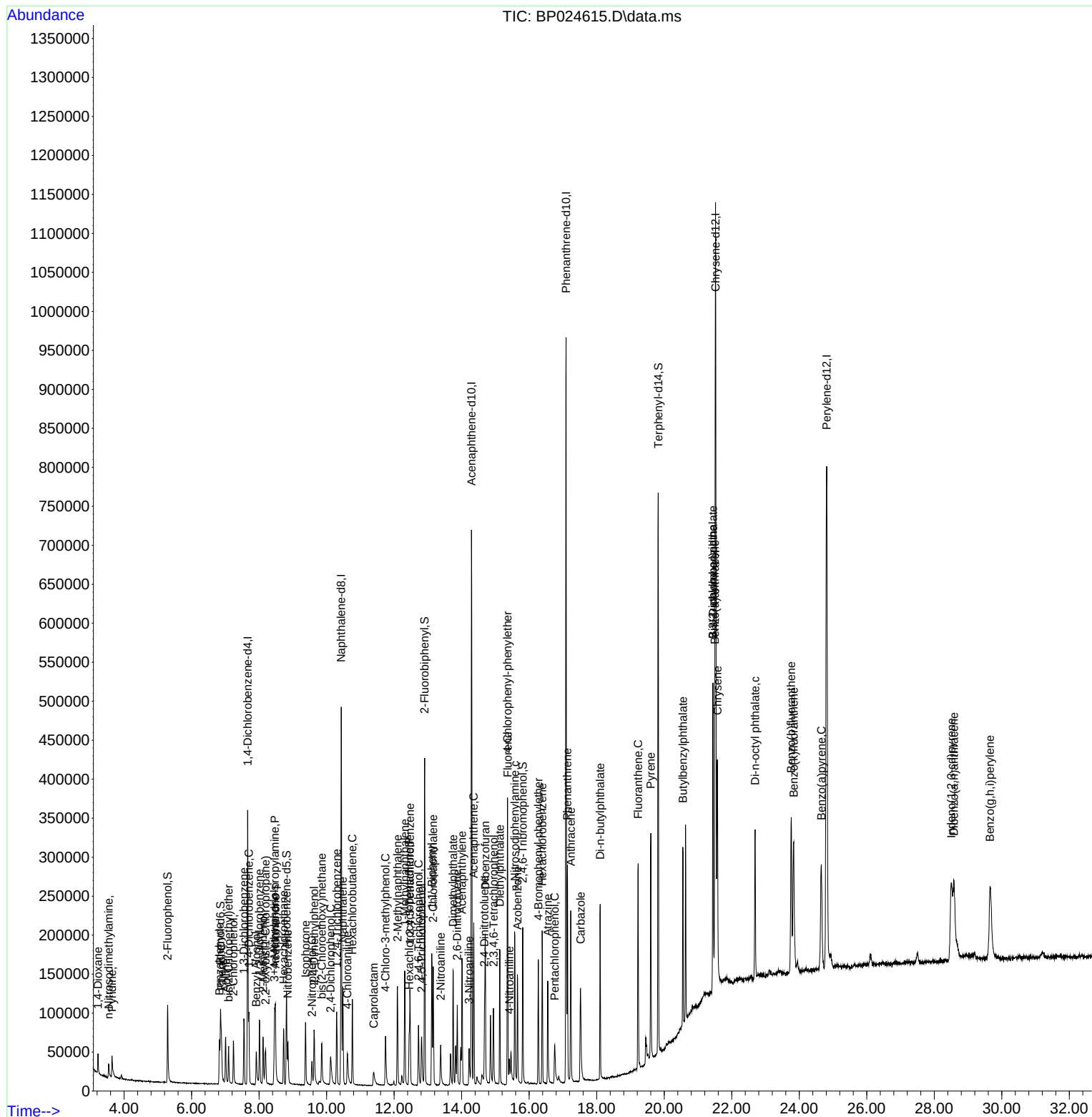
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

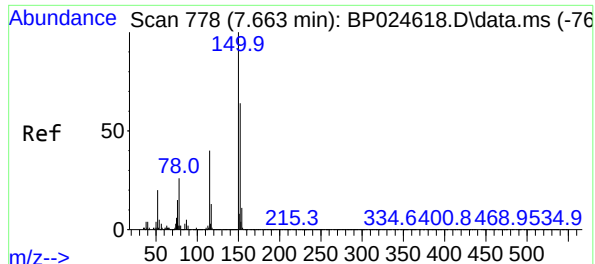
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jaagrut Upadhyay 05/14/2025

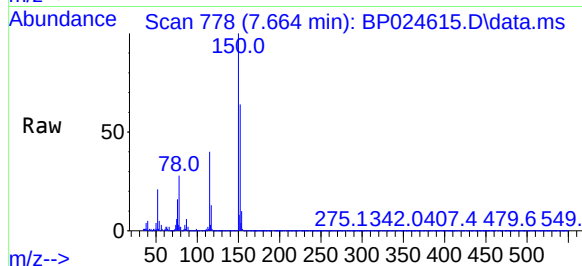
Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration





#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

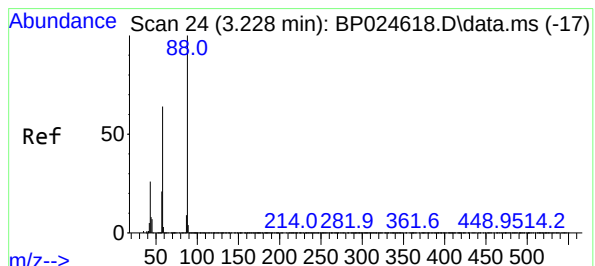
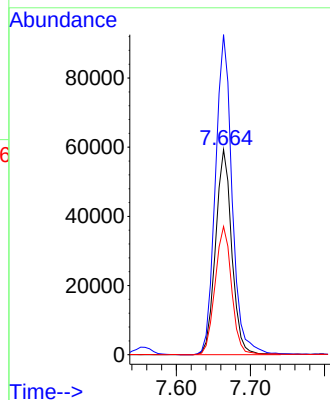
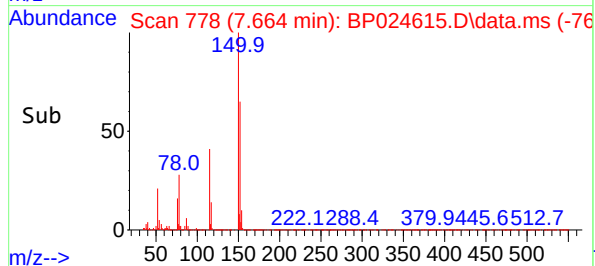
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

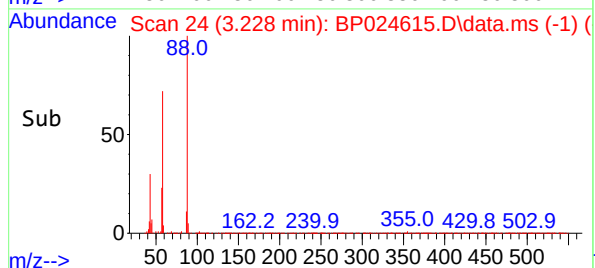
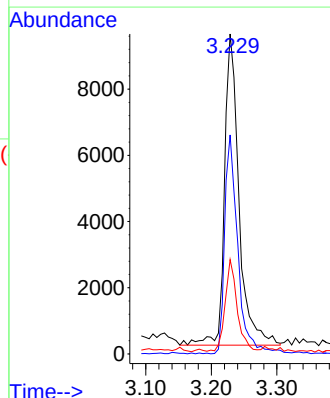
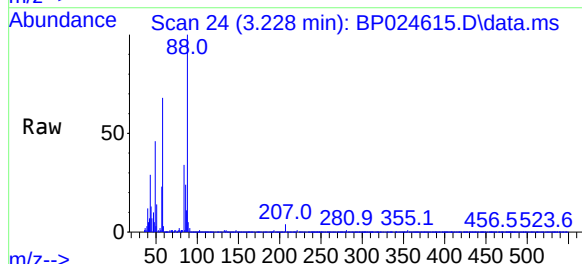
Manual Integrations
APPROVED

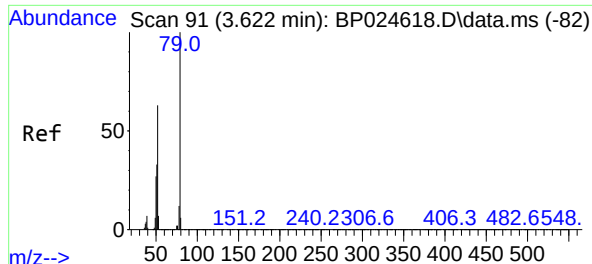
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

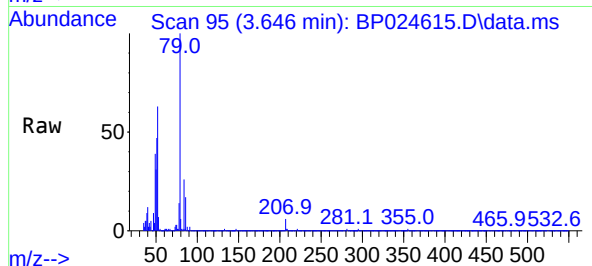
Tgt Ion: 88 Resp: 14435
Ion Ratio Lower Upper
88 100
58 63.6 54.0 81.0
43 24.2 21.4 32.0





#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

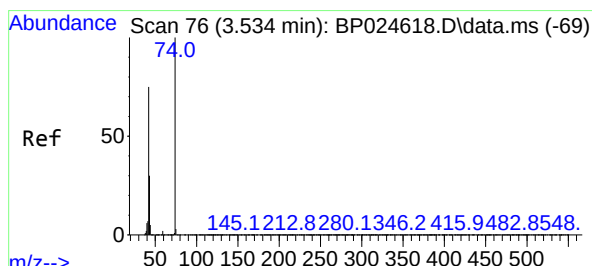
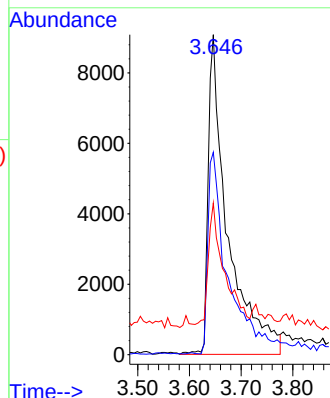
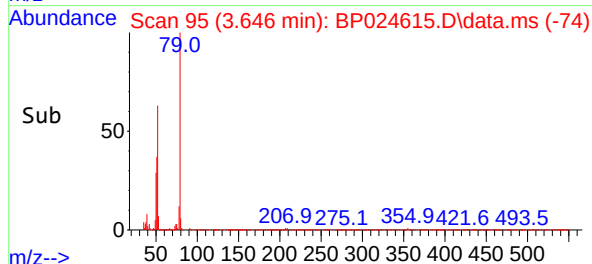
Instrument :
BNA_P
Client Sample Id :
SSTDICC005



Tgt Ion: 79 Resp: 2373
Ion Ratio Lower Upper
79 100
52 63.2 50.2 75.2
51 47.4 26.8 40.2

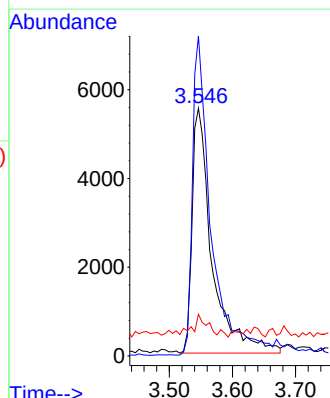
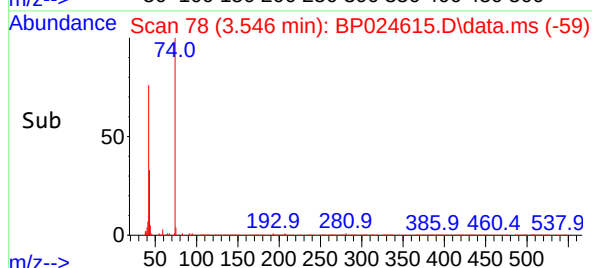
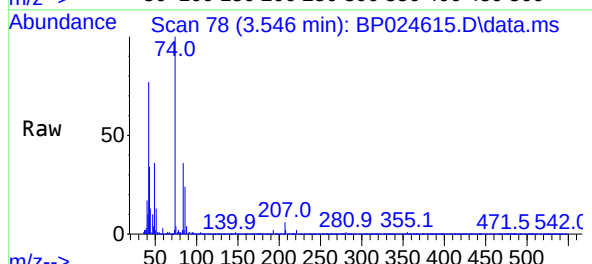
Manual Integrations
APPROVED

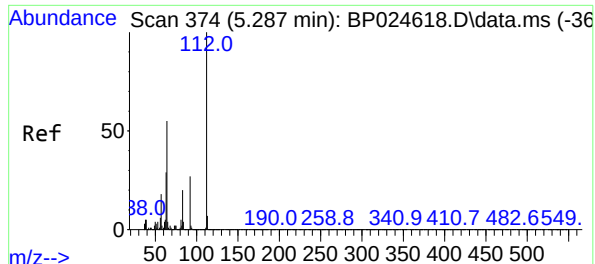
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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: 42 Resp: 12080
Ion Ratio Lower Upper
42 100
74 129.2 106.2 159.2
44 16.9 5.4 8.2





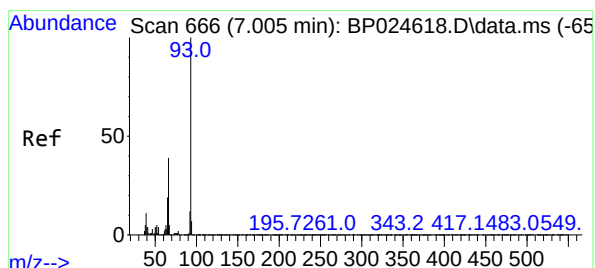
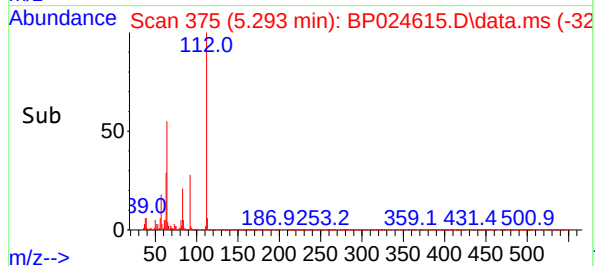
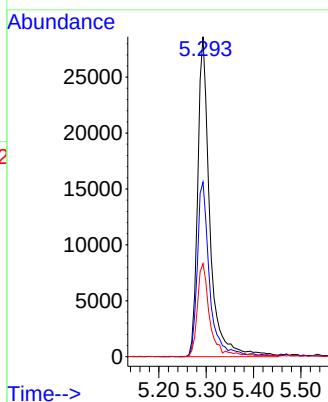
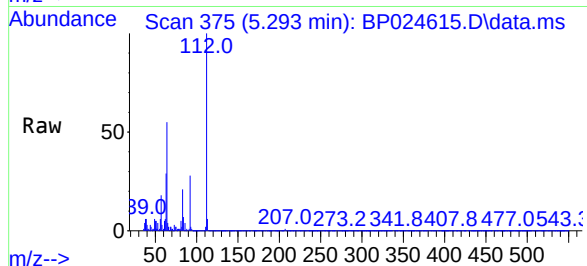
#5
2-Fluorophenol
Concen: 9.70 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

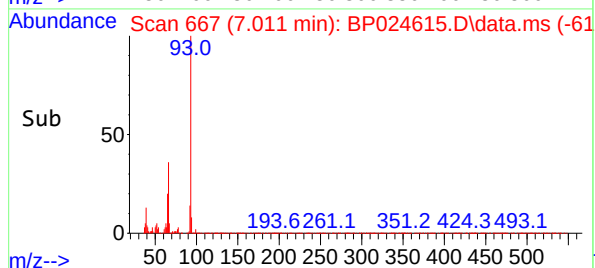
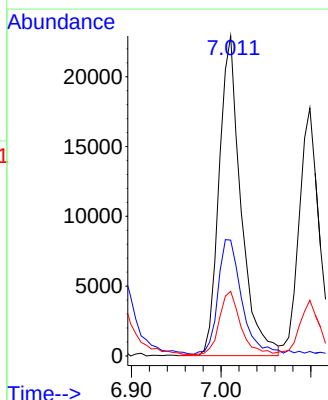
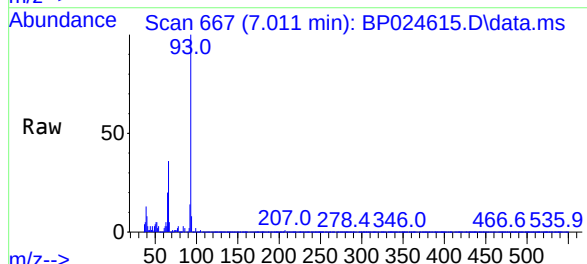
Manual Integrations
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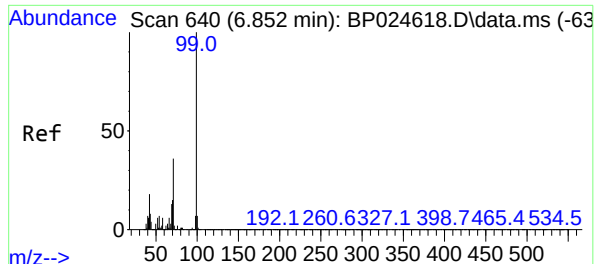
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





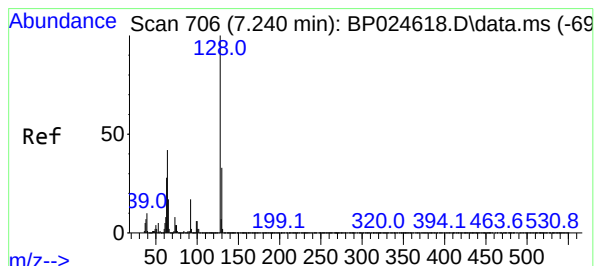
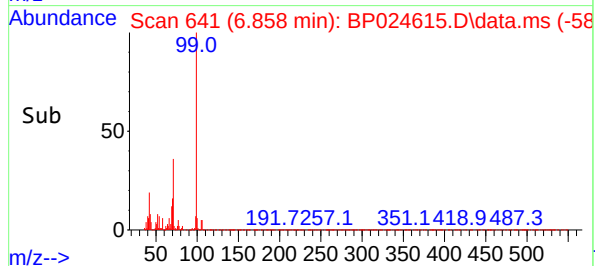
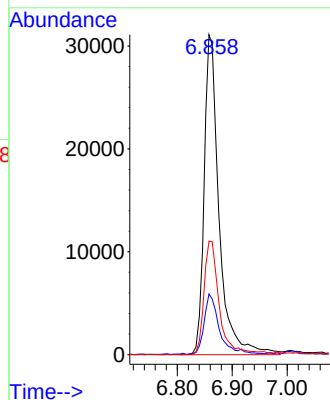
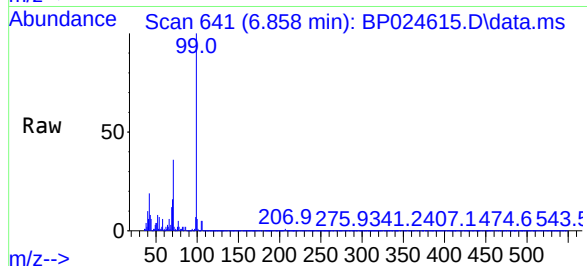
#7
Phenol-d6
Concen: 8.72 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

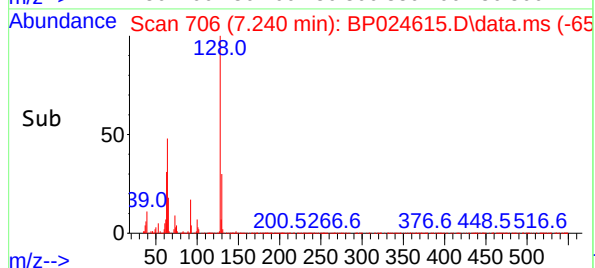
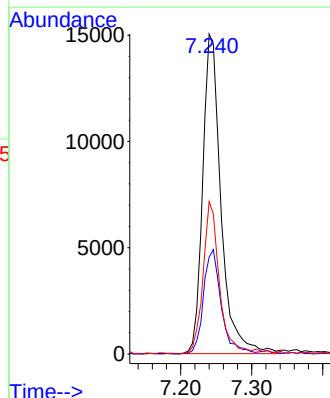
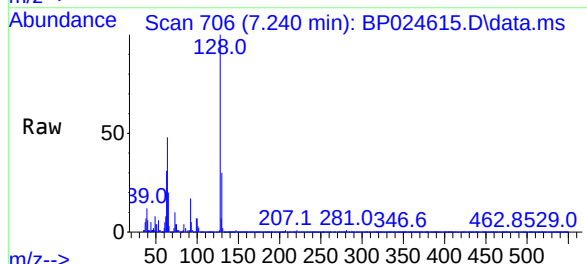
Manual Integrations
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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

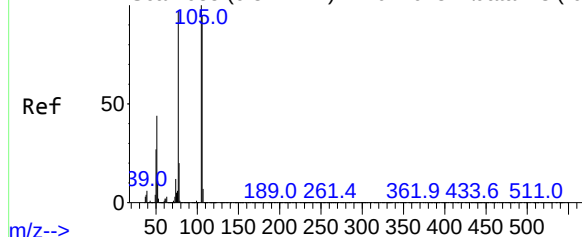


#8
2-Chlorophenol
Concen: 4.52 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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 :

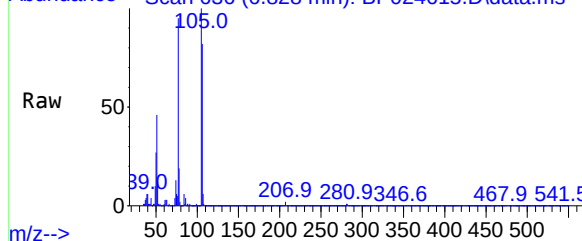
BNA_P

ClientSampleId :

SSTDICC005

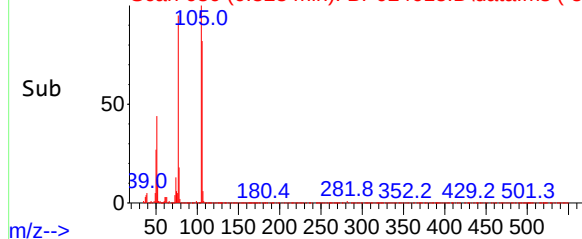
m/z-->

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

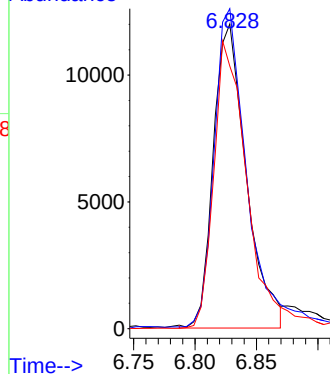
Manual Integrations

APPROVED

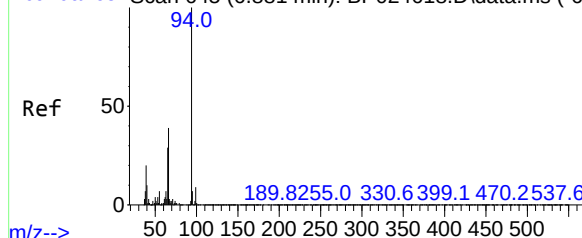
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

Abundance

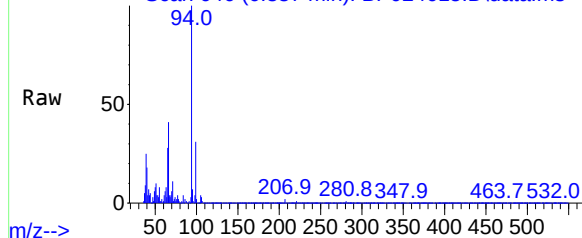


Abundance Scan 645 (6.881 min): BP024618.D\data.ms (-63



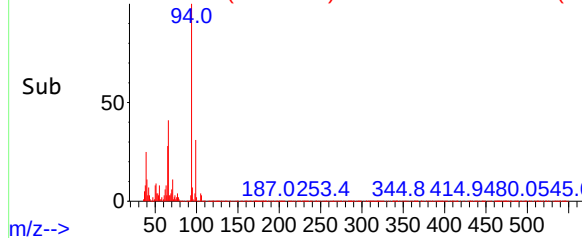
m/z-->

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

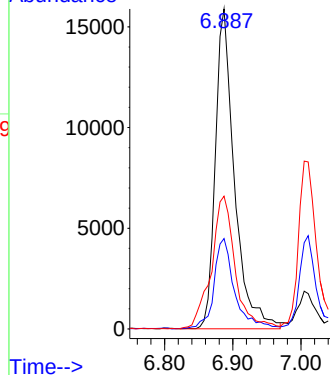
Ion Ratio Lower Upper

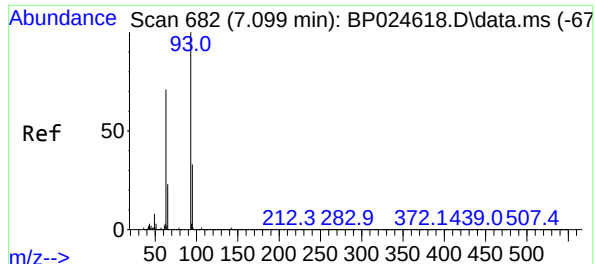
94 100

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: 2966

Ion Ratio Lower Upper

93 100

63 68.3 50.6 90.6

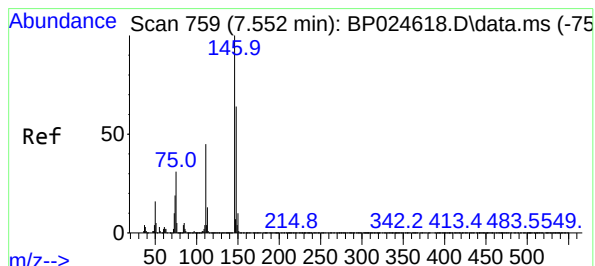
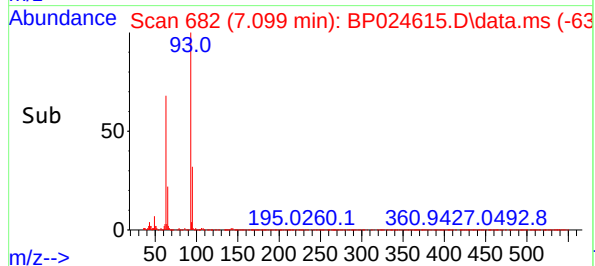
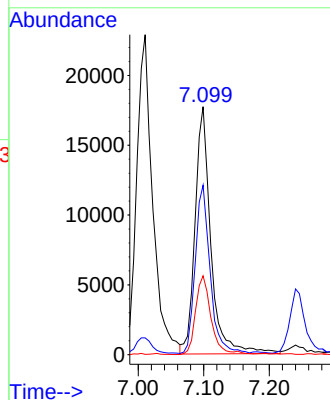
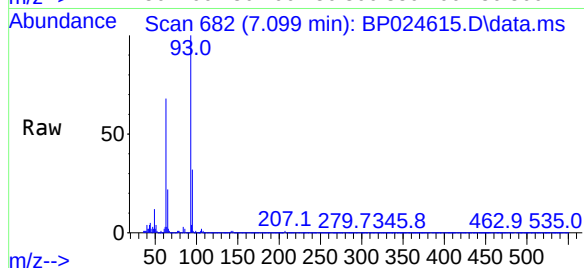
95 31.8 12.9 52.9

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: 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

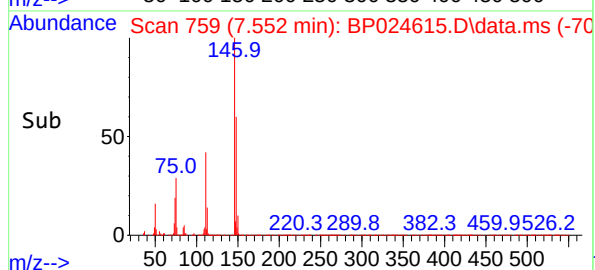
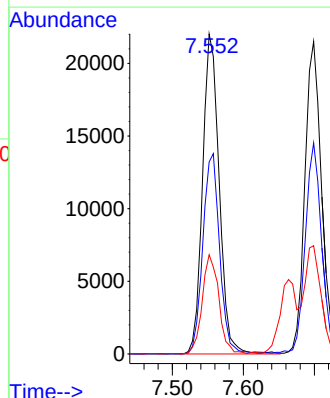
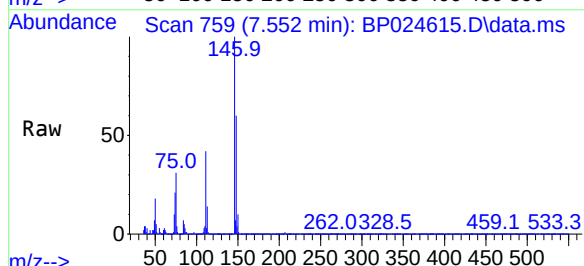
Tgt Ion:146 Resp: 35946

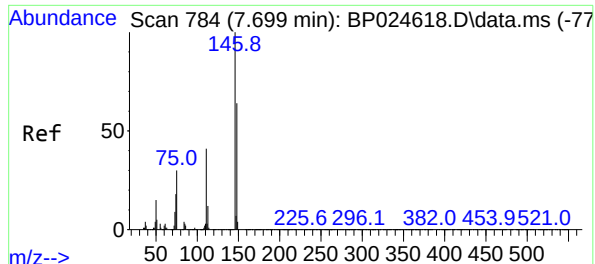
Ion Ratio Lower Upper

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

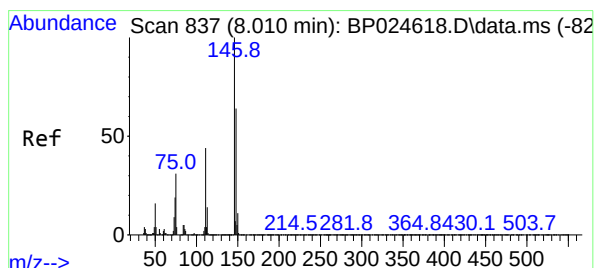
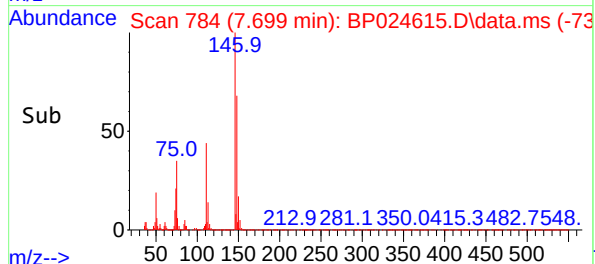
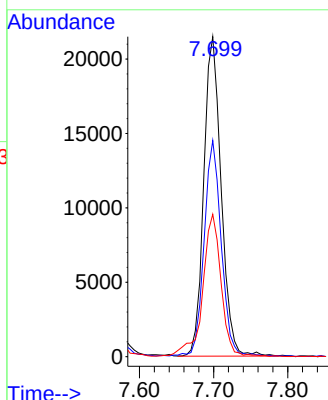
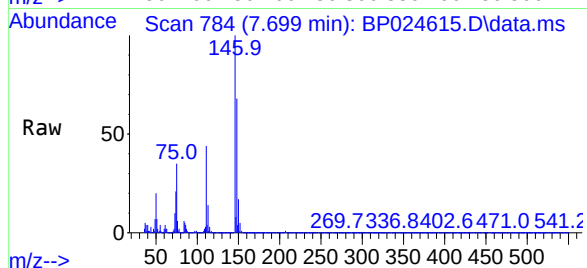
111 44.5 33.0 49.6

Manual Integrations

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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

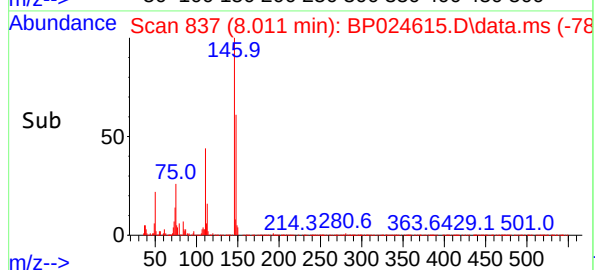
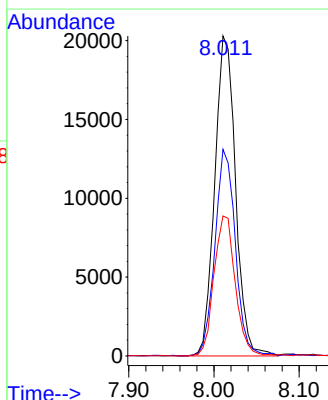
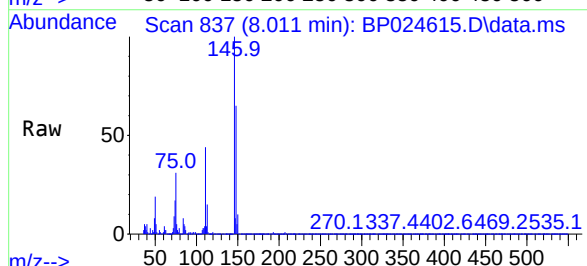
Tgt Ion:146 Resp: 34458

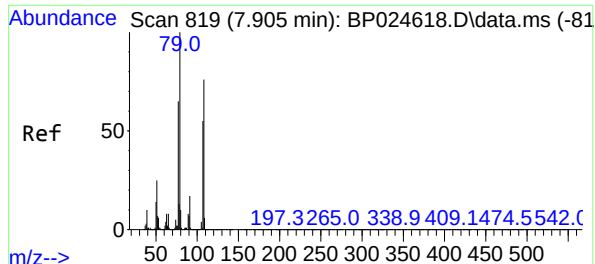
Ion Ratio Lower Upper

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

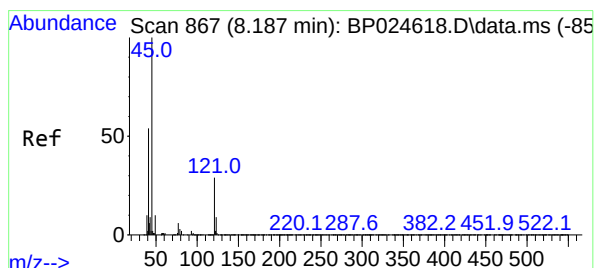
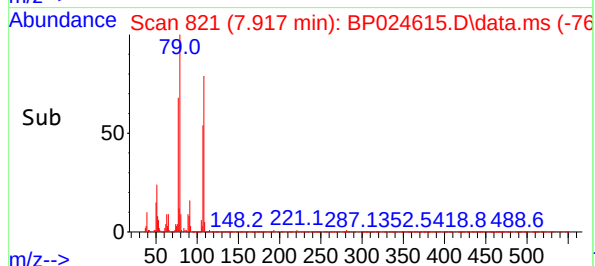
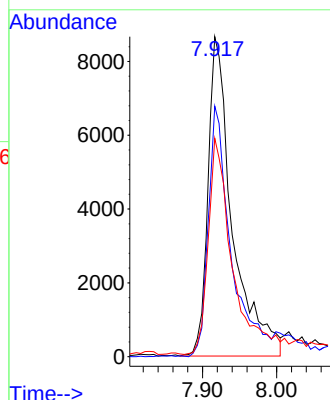
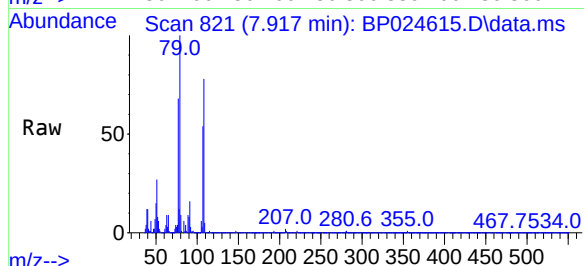
77 68.2 51.9 77.9

Manual Integrations

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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: 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

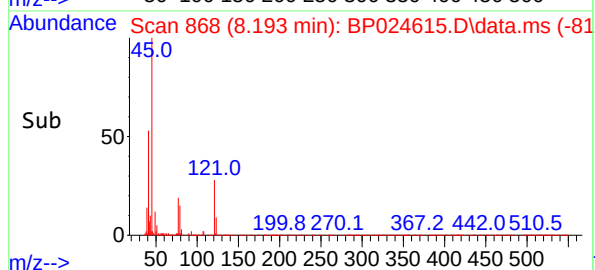
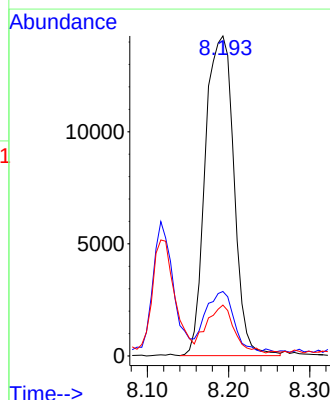
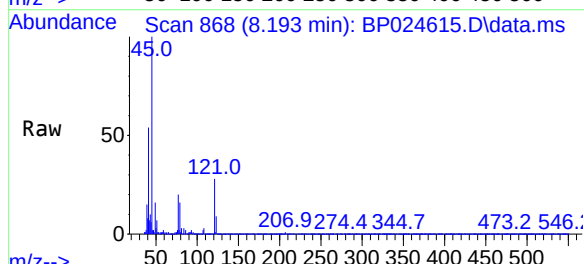
Tgt Ion: 45 Resp: 34754

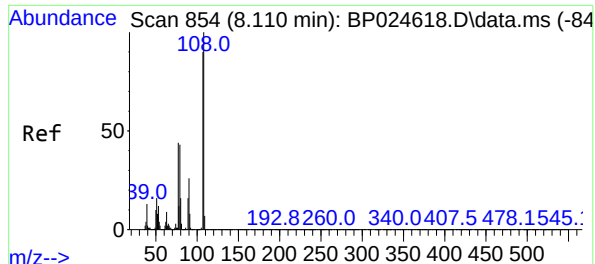
Ion Ratio Lower Upper

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

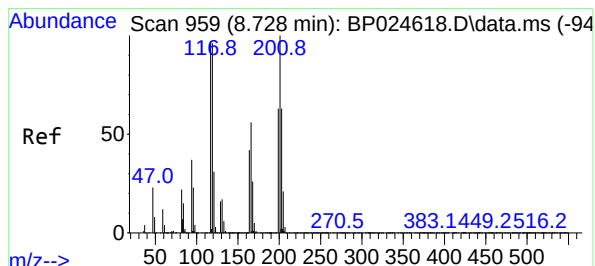
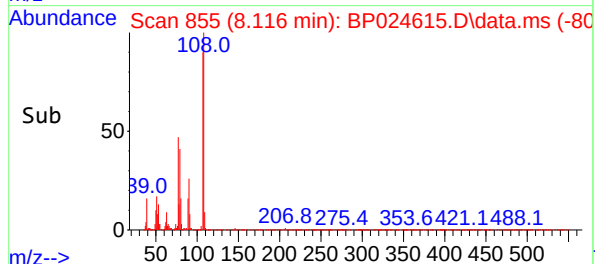
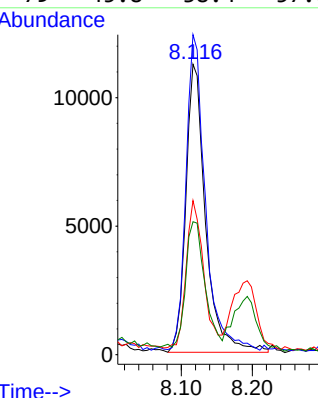
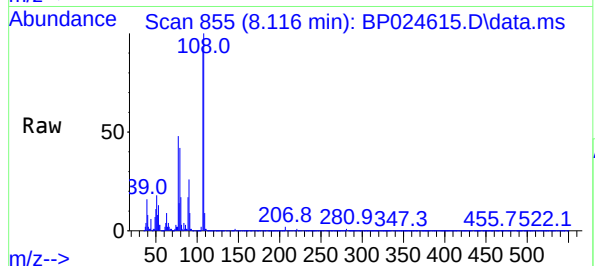
79 45.8 38.4 57.6

Manual Integrations

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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

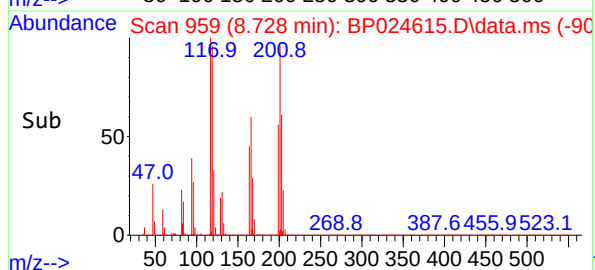
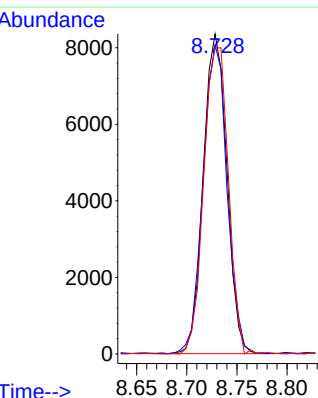
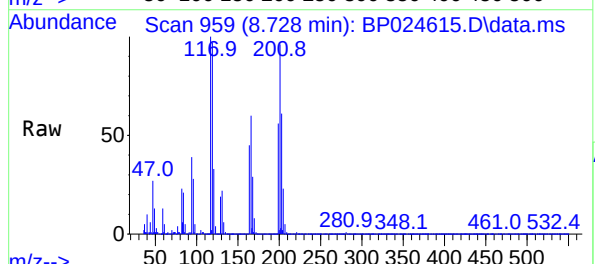
Tgt Ion:117 Resp: 13650

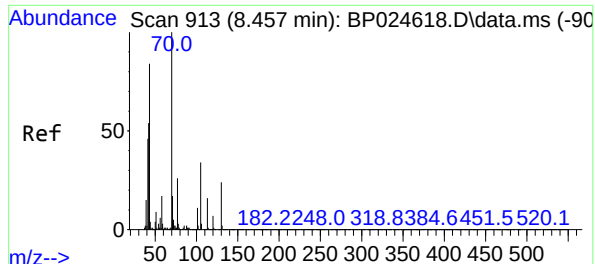
Ion Ratio Lower Upper

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

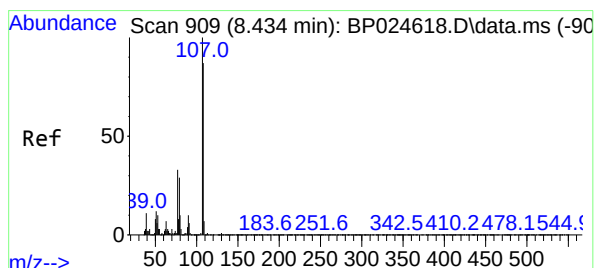
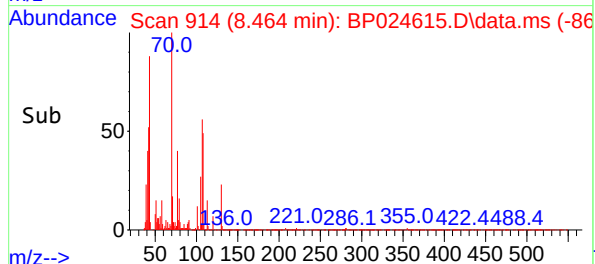
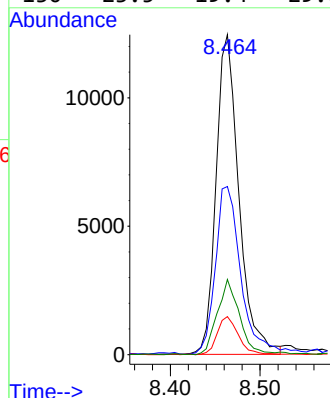
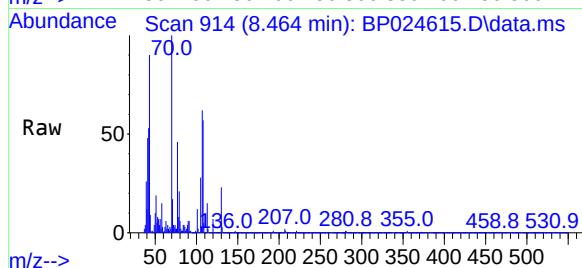
130 23.5 19.4 29.0

Manual Integrations

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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

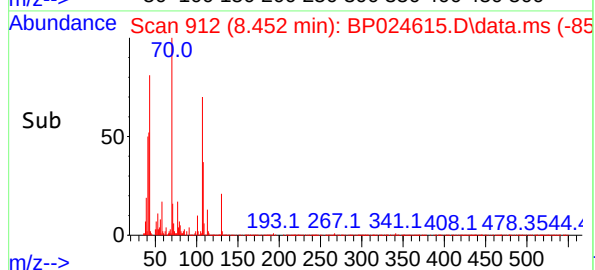
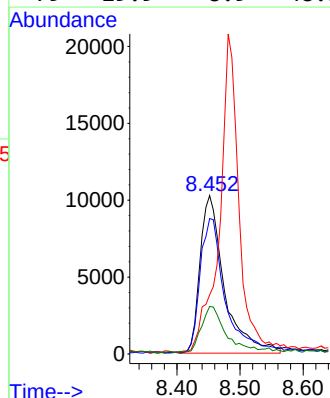
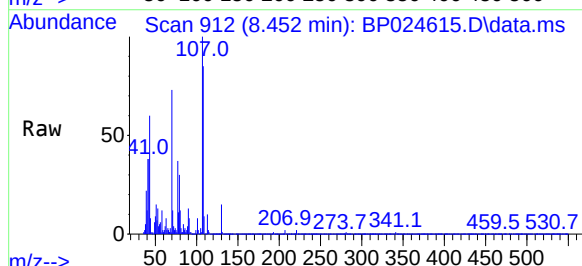
Ion Ratio Lower Upper

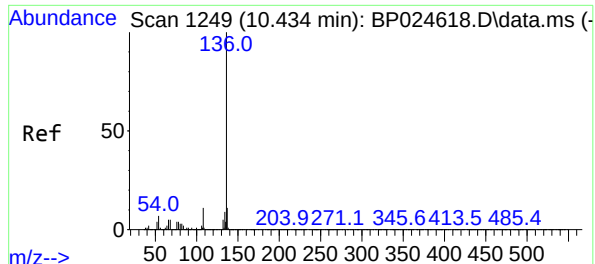
107 100

108 85.4 66.7 106.7

77 37.3 13.1 53.1

79 29.9 8.9 48.9





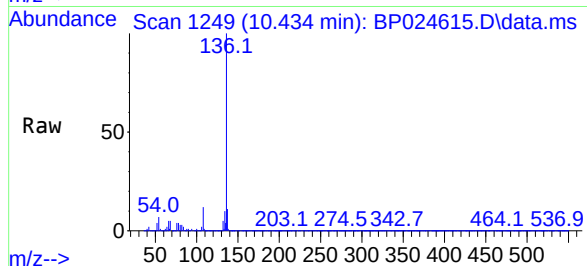
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

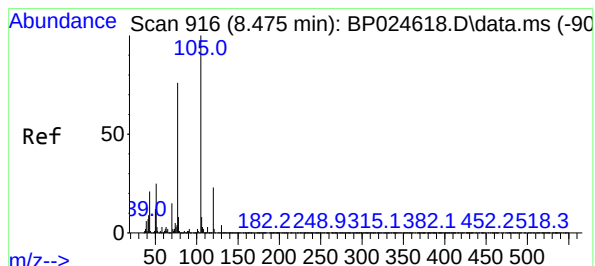
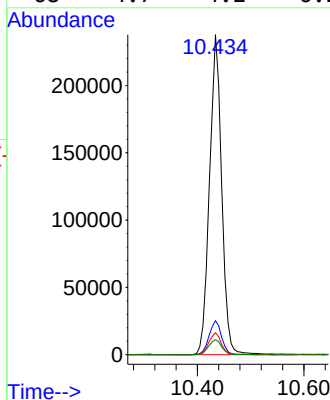
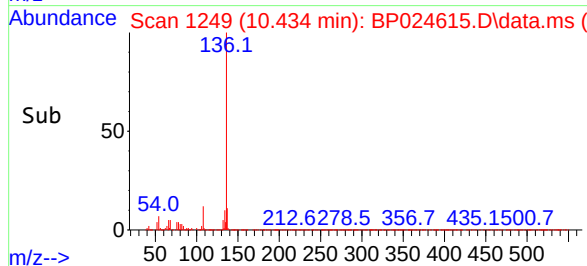


Tgt Ion:136 Resp: 37805
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 5.5 8.3
68 4.7 4.2 6.2

Manual Integrations

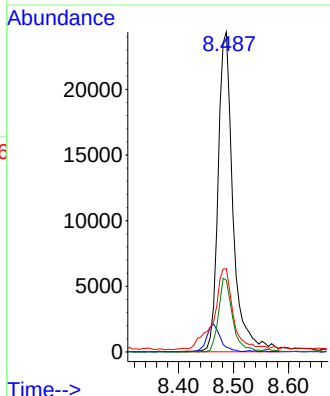
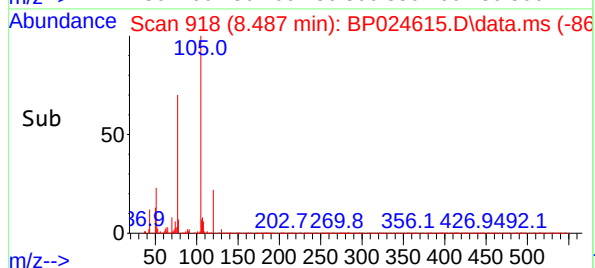
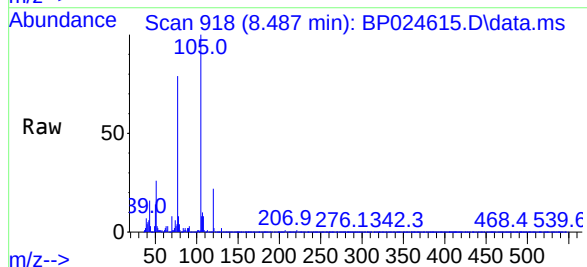
APPROVED

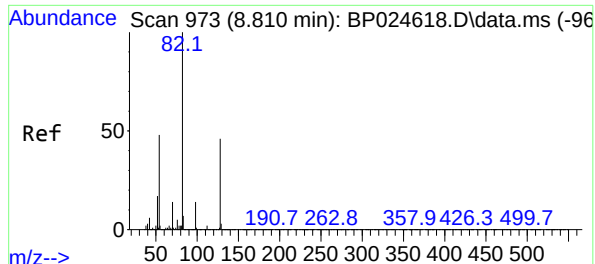
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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:105 Resp: 45968
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

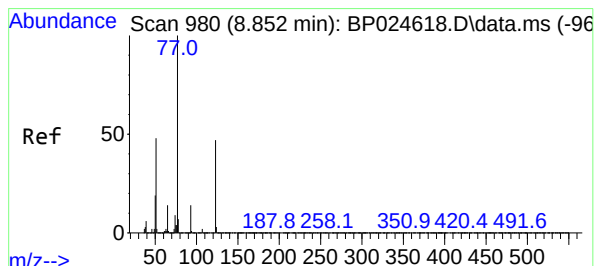
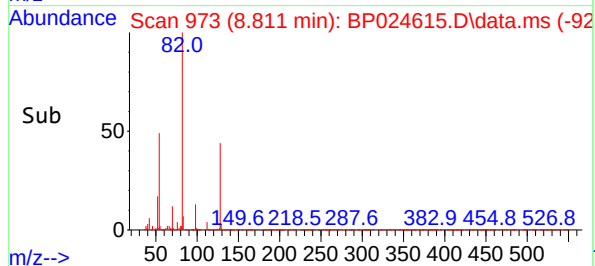
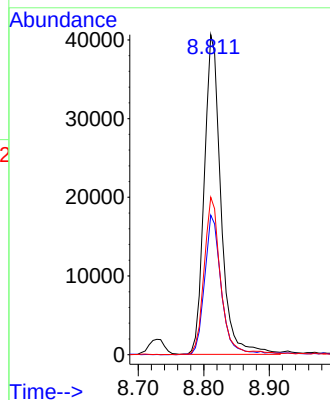
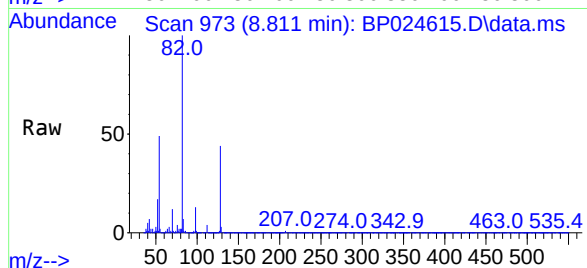
54 49.2 38.7 58.1

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

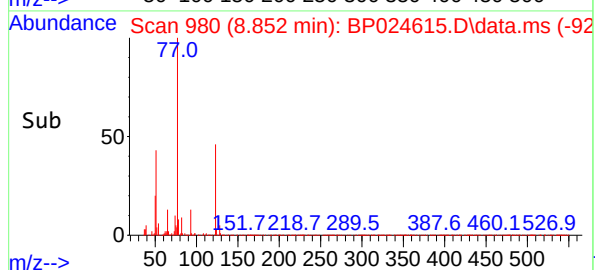
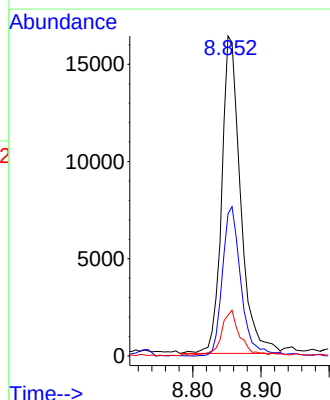
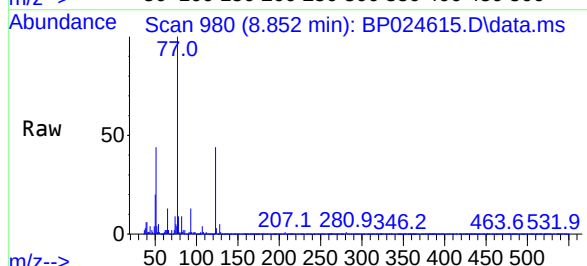
Tgt Ion: 77 Resp: 31500

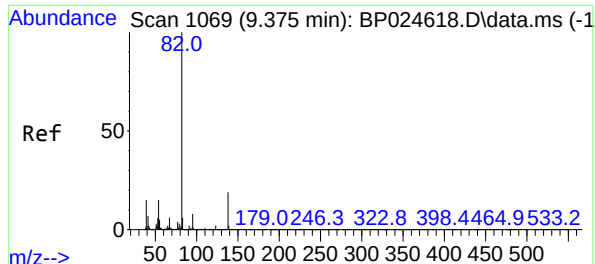
Ion Ratio Lower Upper

77 100

123 44.5 37.4 56.0

65 12.7 11.3 16.9





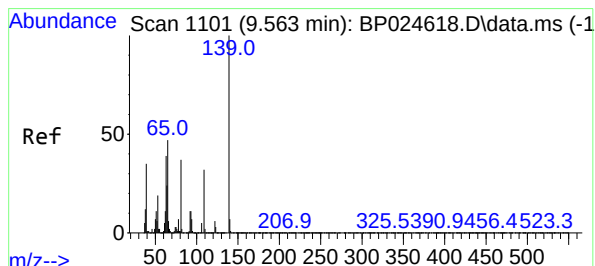
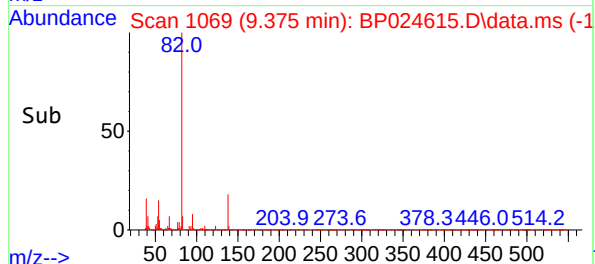
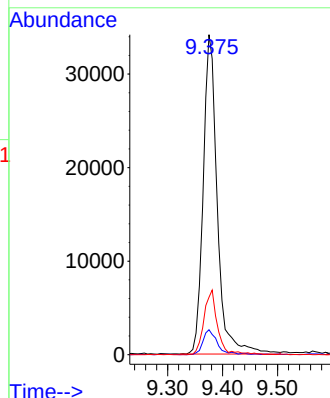
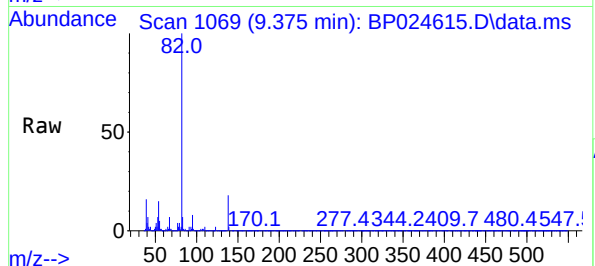
#25
Isophorone
Concen: 4.69 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

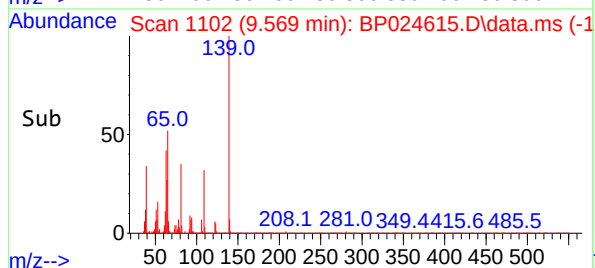
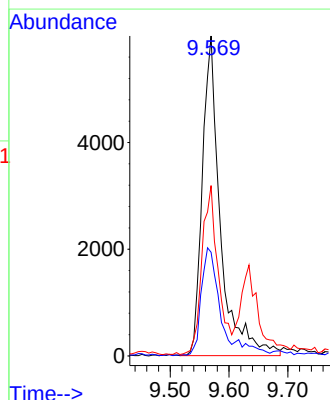
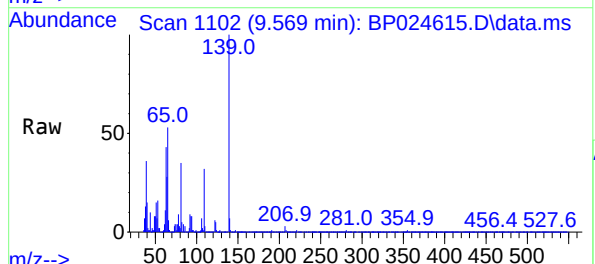
Manual Integrations
APPROVED

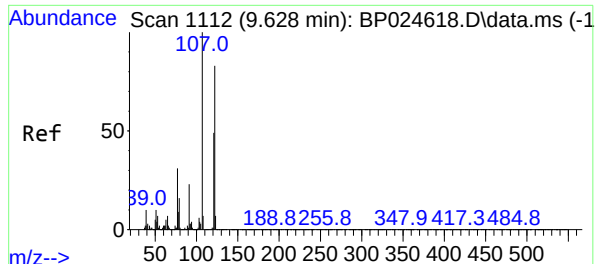
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

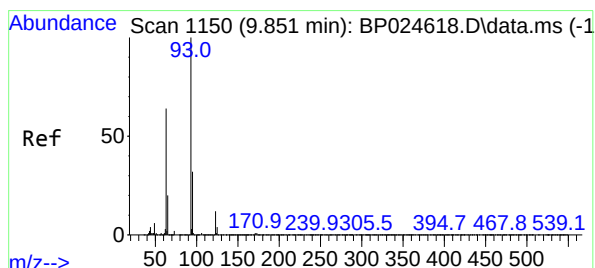
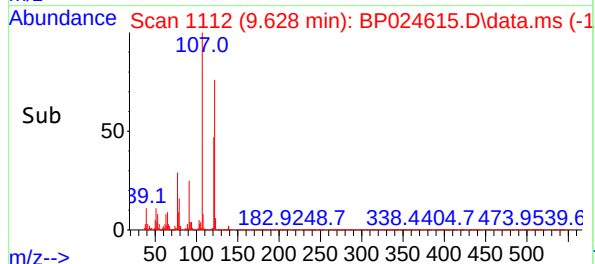
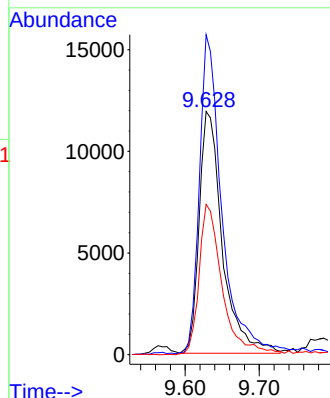
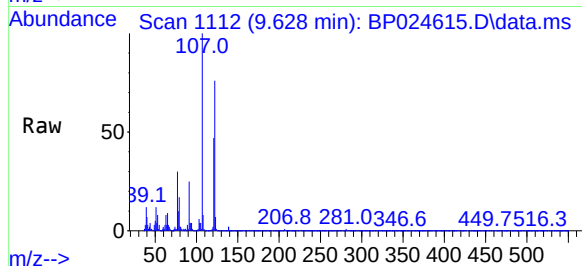
Tgt Ion:	122	Resp:	25830
Ion	Ratio	Lower	Upper
122	100		
107	131.6	96.2	144.2
121	61.8	47.6	71.4

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

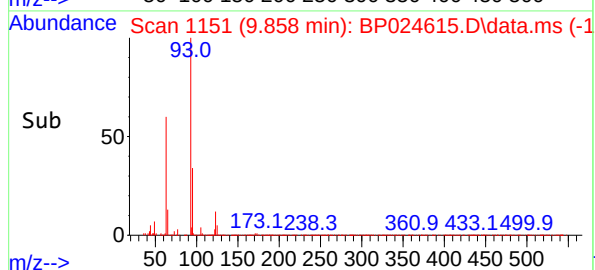
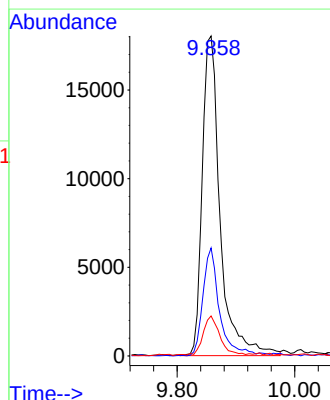
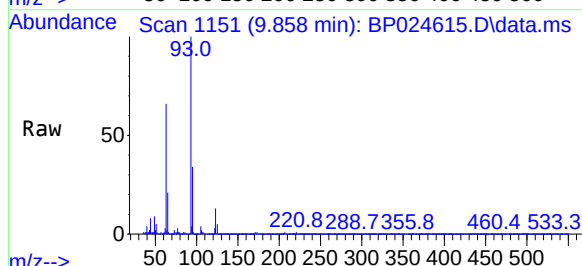
RT: 9.858 min Scan# 1151

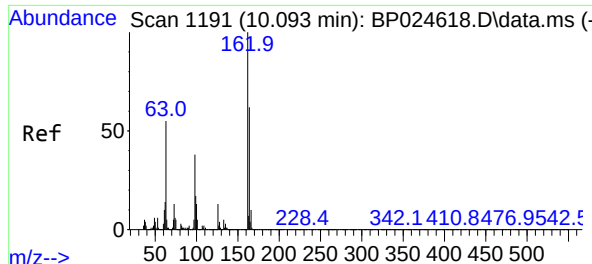
Delta R.T. 0.006 min

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

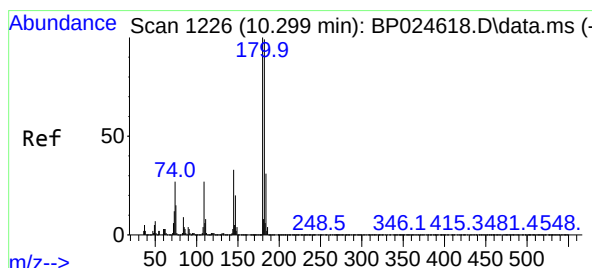
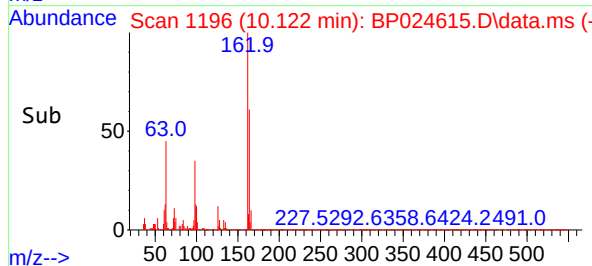
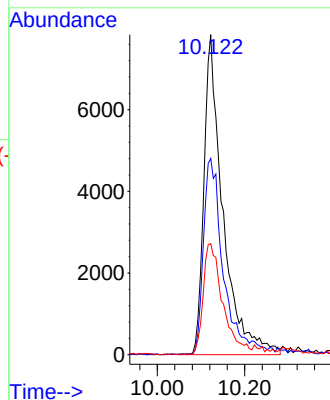
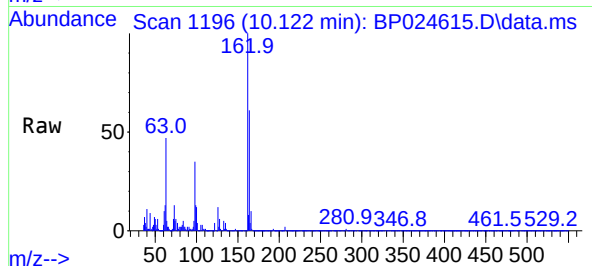
Tgt Ion:	162	Resp:	2362
Ion Ratio	Lower	Upper	
162	100		
164	61.3	42.3	82.3
98	34.7	18.4	58.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.26 ng

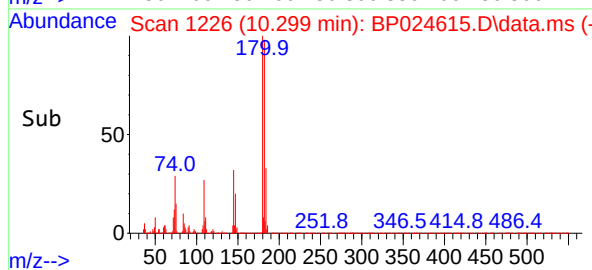
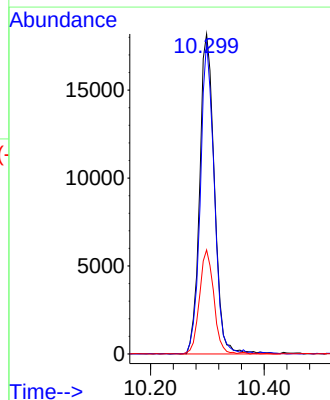
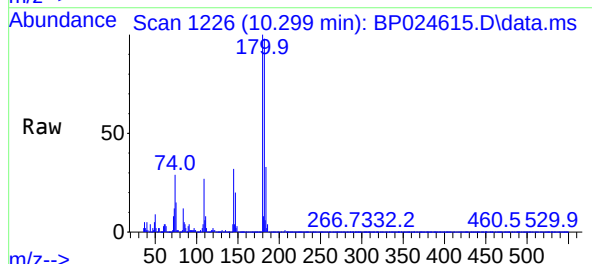
RT: 10.299 min Scan# 1226

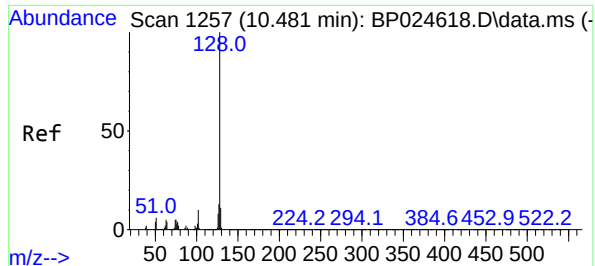
Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

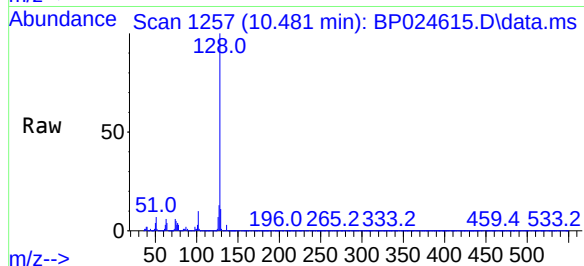
Tgt Ion:	180	Resp:	32699
Ion Ratio	Lower	Upper	
180	100		
182	97.6	79.0	118.4
145	32.5	26.6	39.8





#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

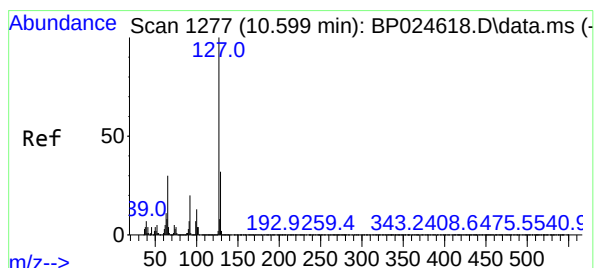
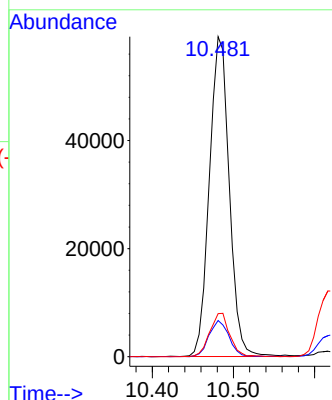
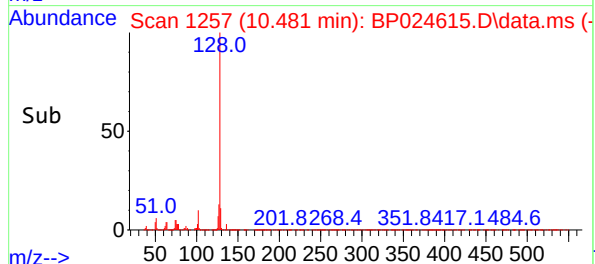
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

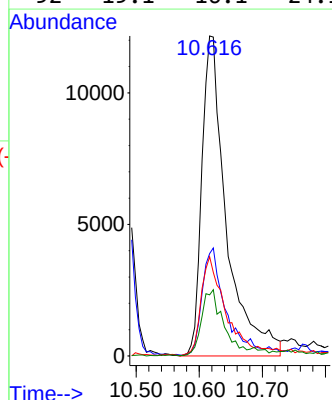
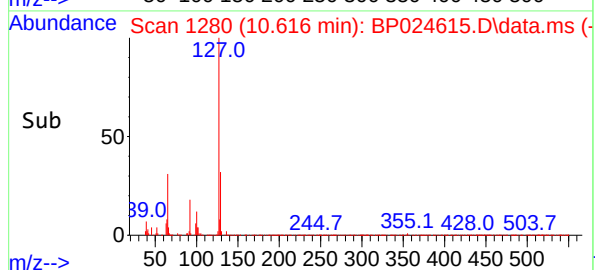
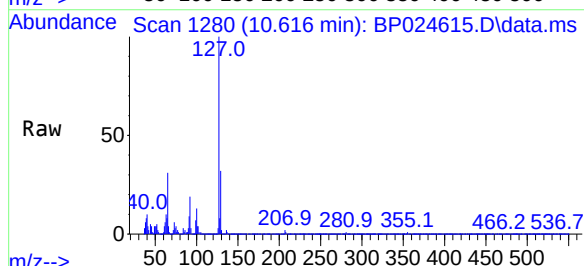
Manual Integrations
APPROVED

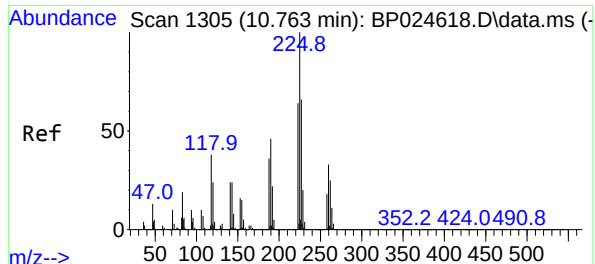
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

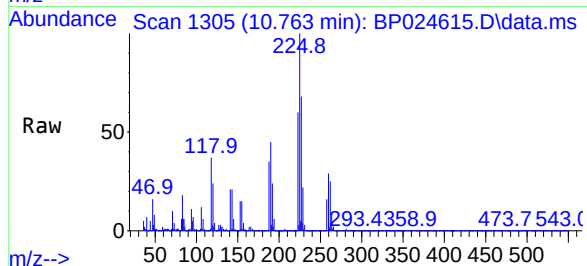
Tgt Ion:127 Resp: 32908
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.6
65 31.0 23.9 35.9
92 19.1 16.1 24.1





#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

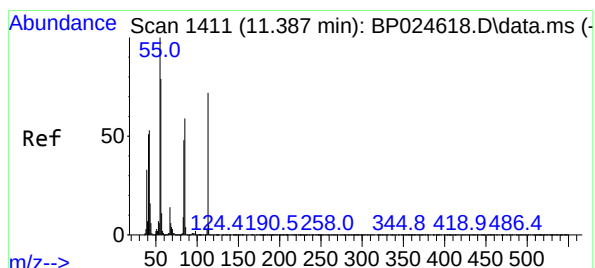
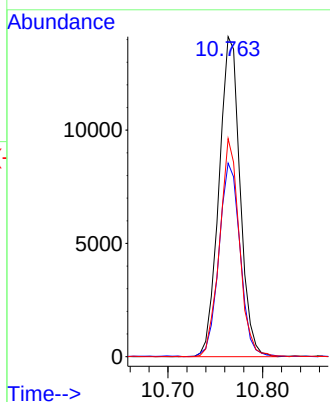
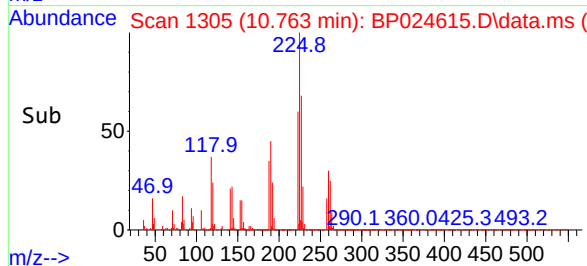
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



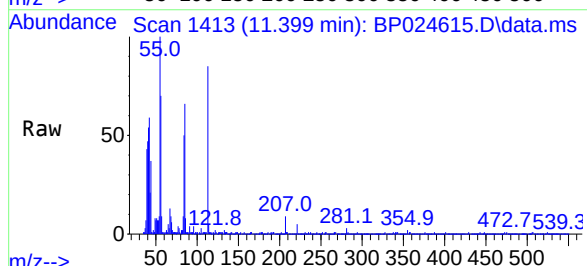
Tgt Ion: 225 Resp: 21834
Ion Ratio Lower Upper
225 100
223 60.5 51.0 76.6
227 71.7 53.1 79.7

Manual Integrations
APPROVED

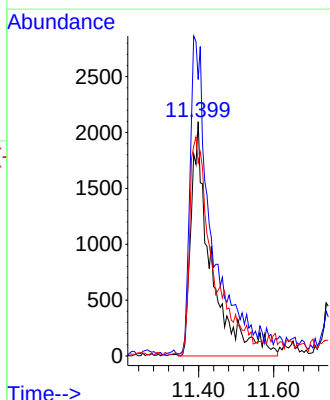
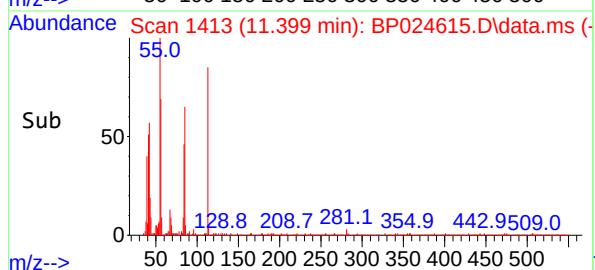
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

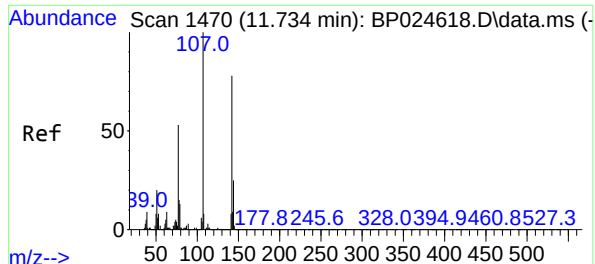


#35
Caprolactam
Concen: 3.88 ng m
RT: 11.399 min Scan# 1413
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



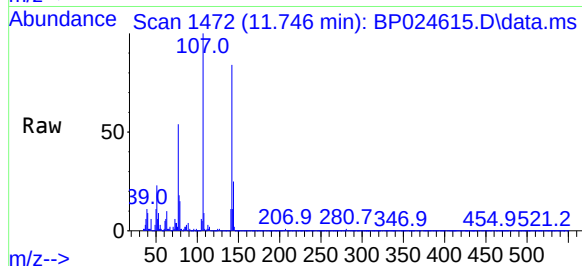
Tgt Ion: 113 Resp: 7742
Ion Ratio Lower Upper
113 100
55 118.0 119.0 159.0#
56 82.4 90.3 130.3#





#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

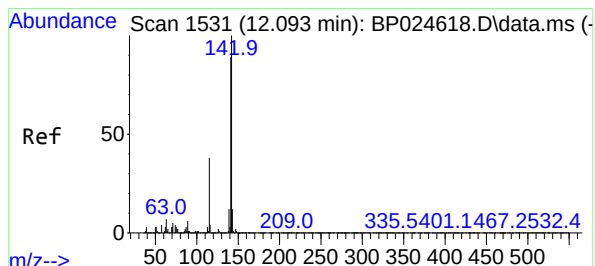
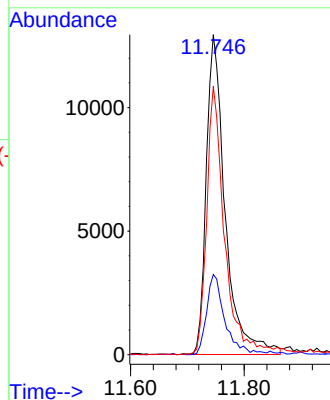
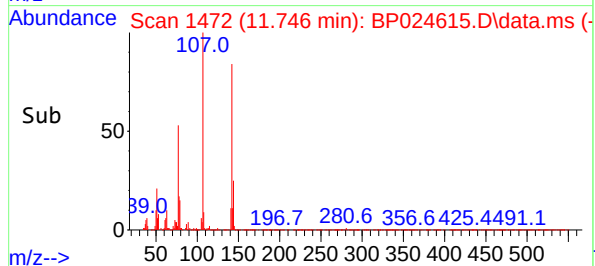
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



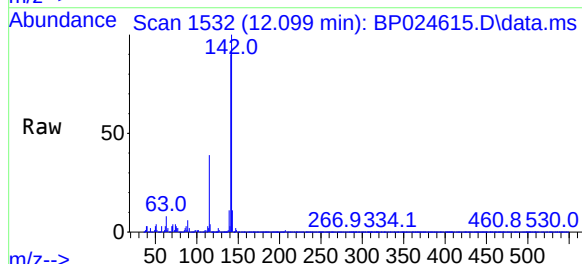
Tgt Ion:107 Resp: 29849
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 83.9 62.1 93.1

Manual Integrations
APPROVED

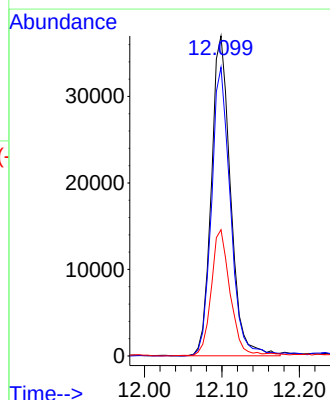
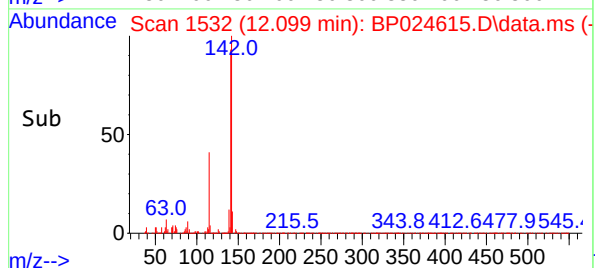
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

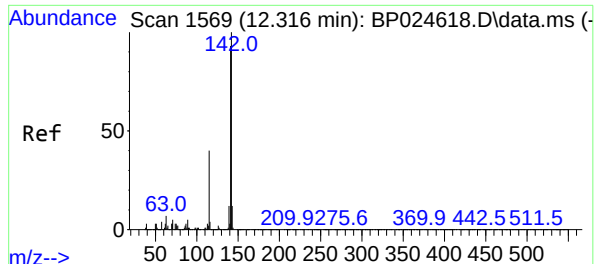


#37
2-Methylnaphthalene
Concen: 5.01 ng
RT: 12.099 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



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

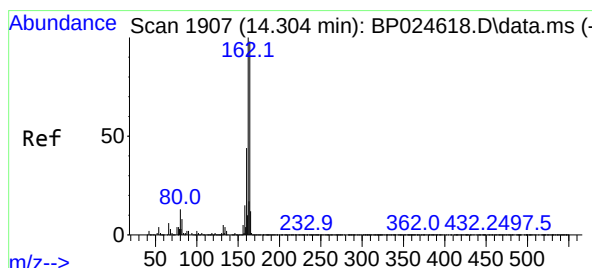
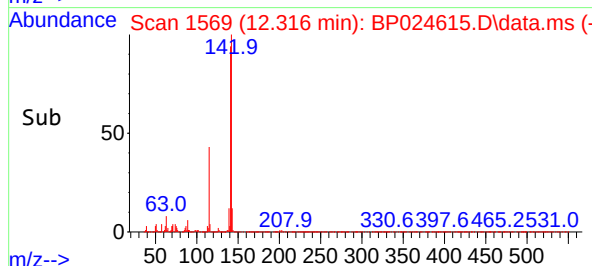
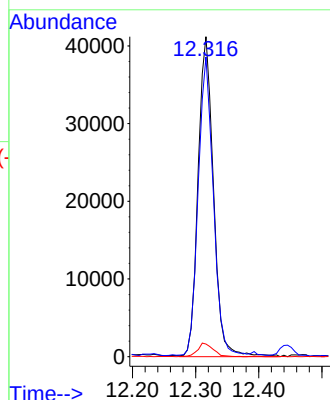
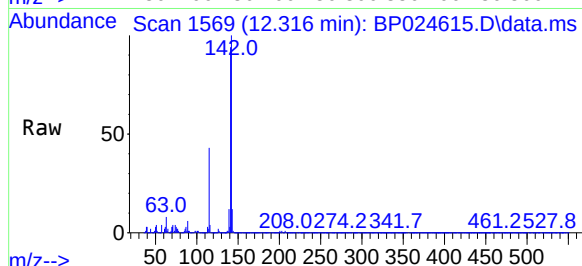
Tgt Ion:	142	Resp:	7004
Ion Ratio	Lower	Upper	
142	100		
141	93.7	74.7	112.1
116	4.0	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#39

Acenaphthene-d10

Concen: 20.00 ng

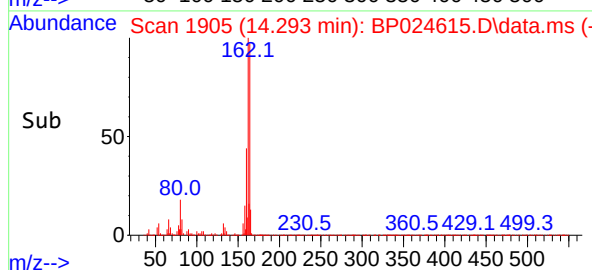
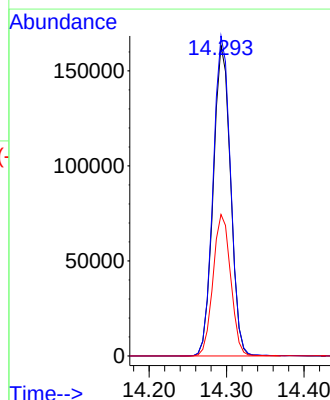
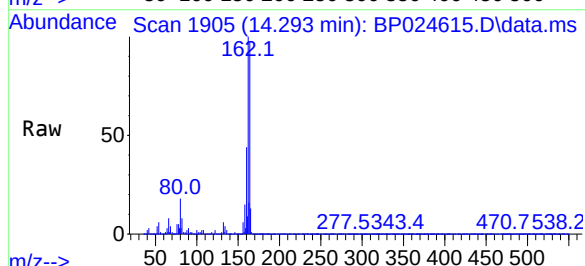
RT: 14.293 min Scan# 1905

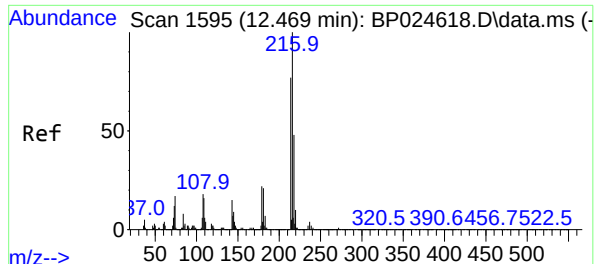
Delta R.T. -0.012 min

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

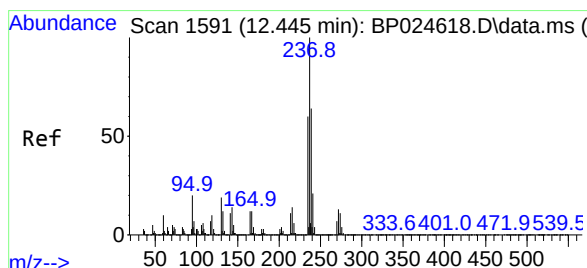
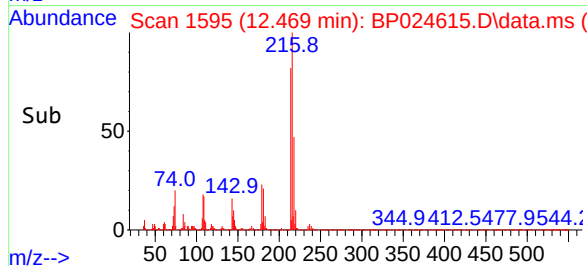
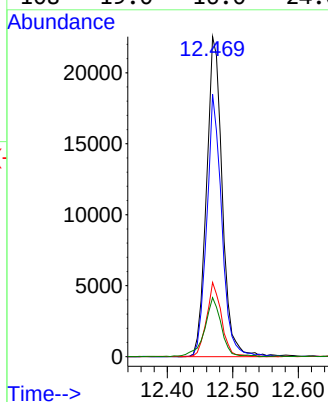
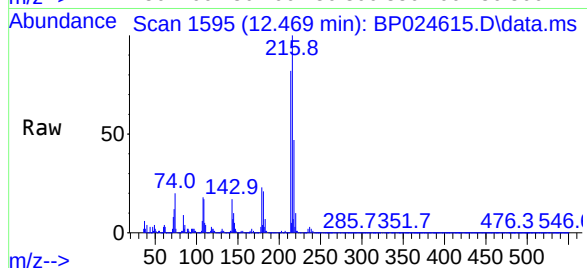
108 19.0 16.0 24.0

Manual Integrations

APPROVED

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

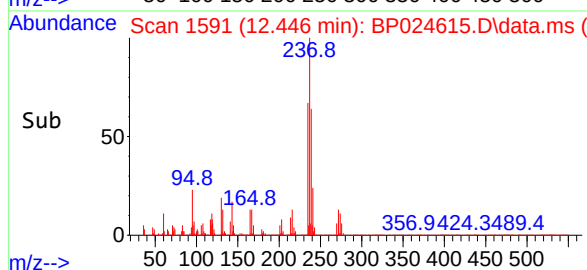
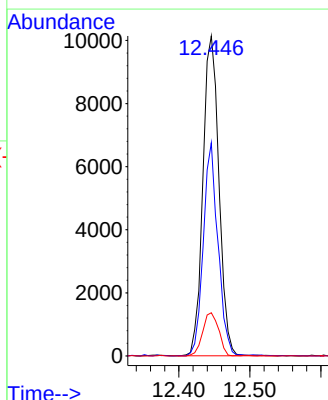
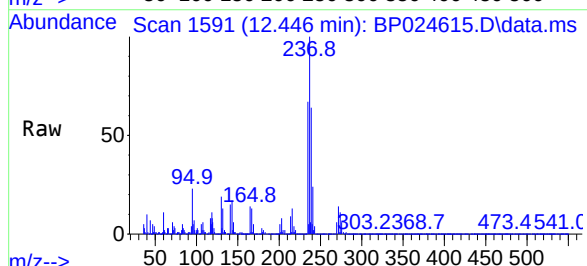
Tgt Ion:237 Resp: 15939

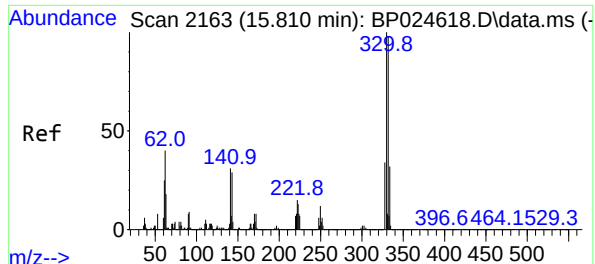
Ion Ratio Lower Upper

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 :

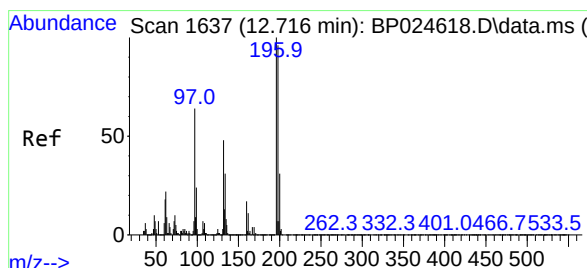
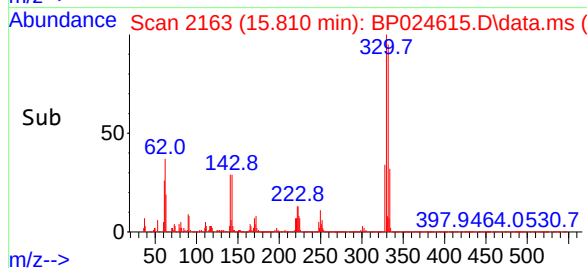
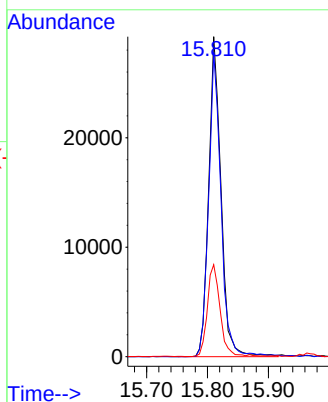
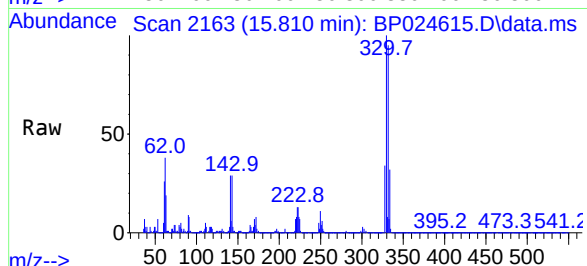
SSTDICC005

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

APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#43

2,4,6-Trichlorophenol

Concen: 4.06 ng

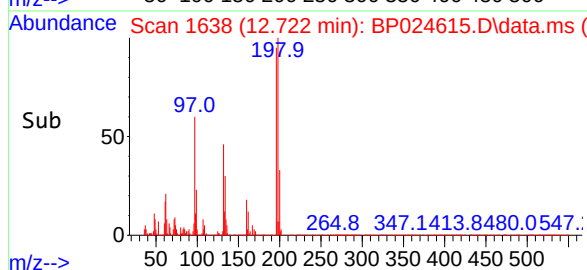
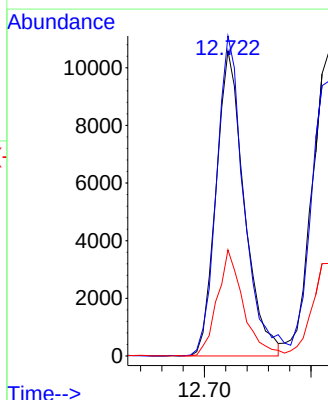
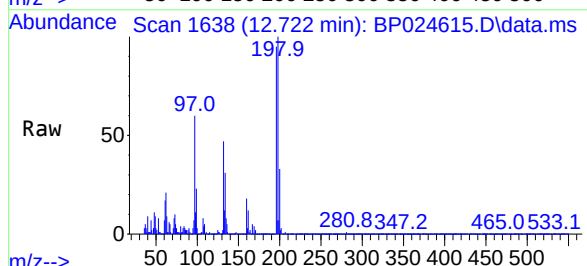
RT: 12.722 min Scan# 1638

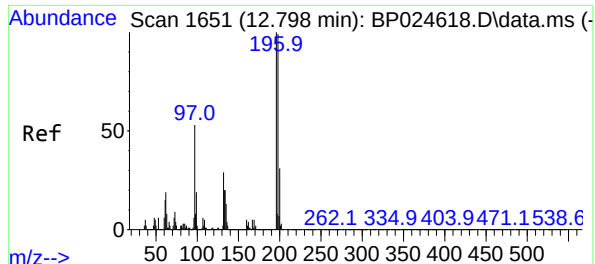
Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

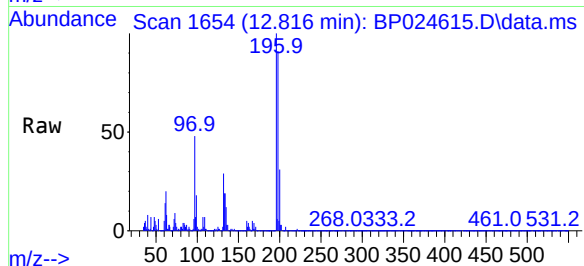
Tgt Ion:	196	Resp:	19429
Ion	Ratio	Lower	Upper
196	100		
198	104.9	76.9	115.3
200	34.8	25.2	37.8





#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

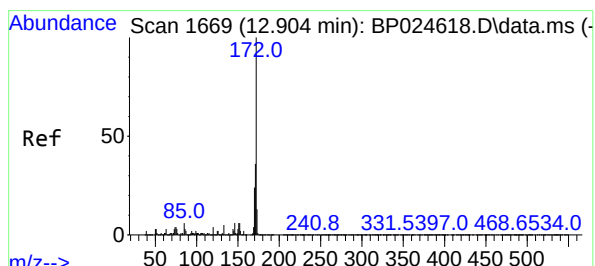
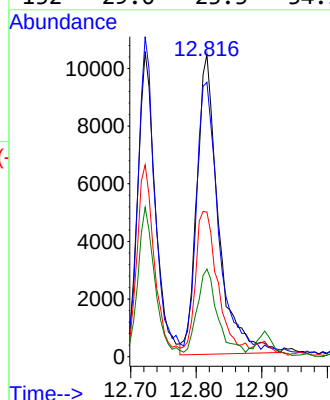
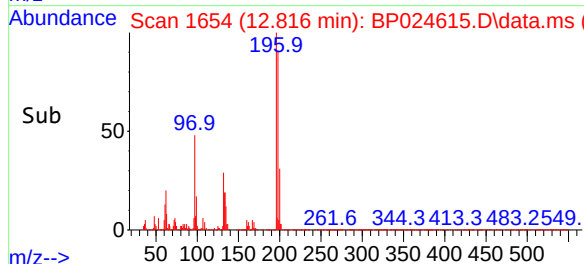
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

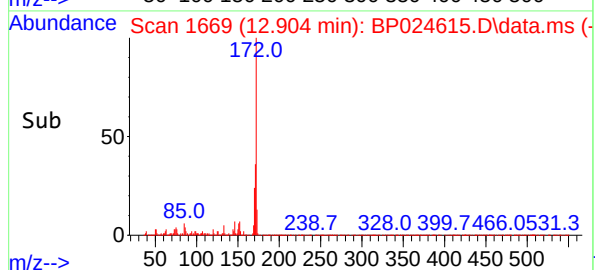
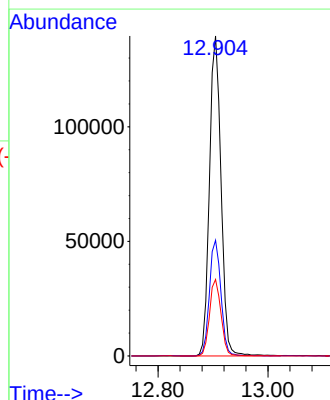
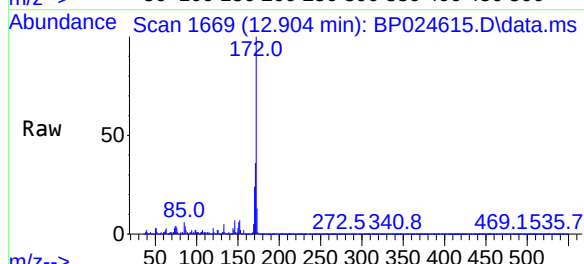
Manual Integrations
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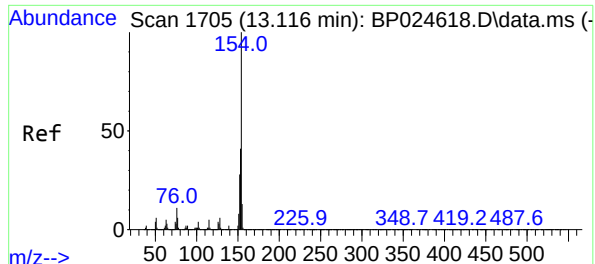
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





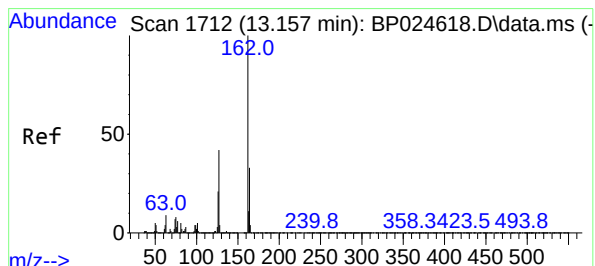
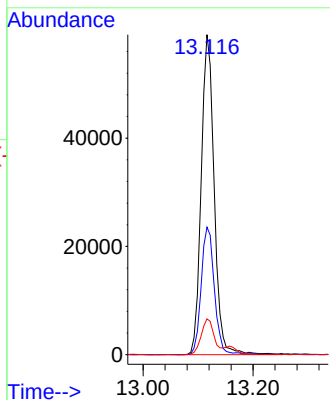
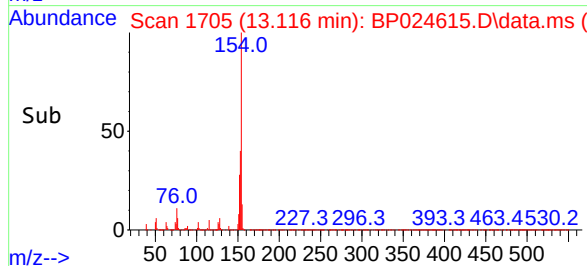
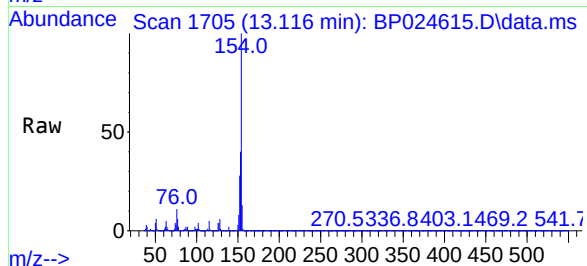
#46
1,1'-Biphenyl
Concen: 5.15 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 96950
Ion Ratio Lower Upper
154 100
153 39.8 21.0 61.0
76 11.2 0.0 31.5

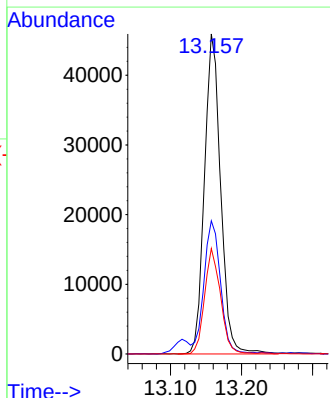
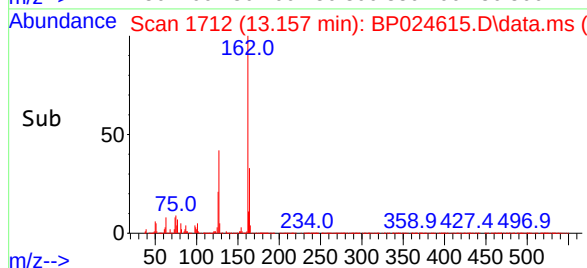
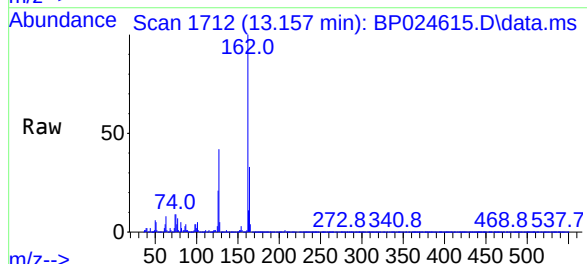
Manual Integrations
APPROVED

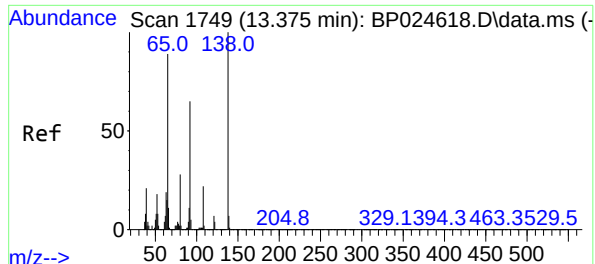
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

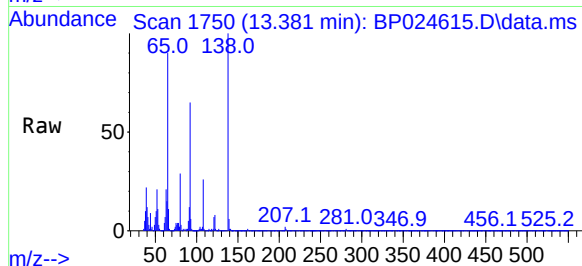
Tgt Ion:162 Resp: 72977
Ion Ratio Lower Upper
162 100
127 41.6 33.8 50.6
164 33.0 26.0 39.0





#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

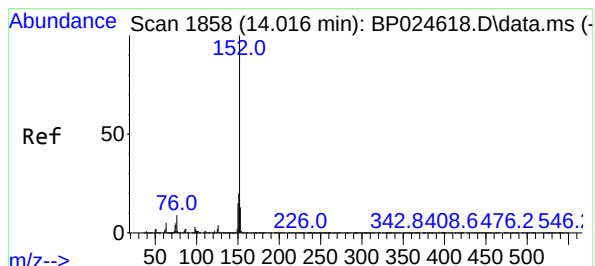
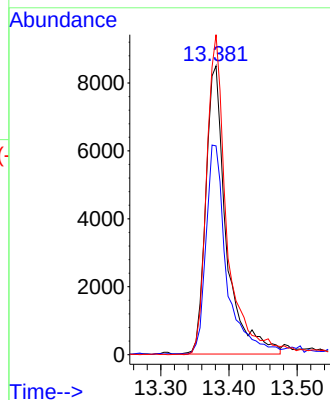
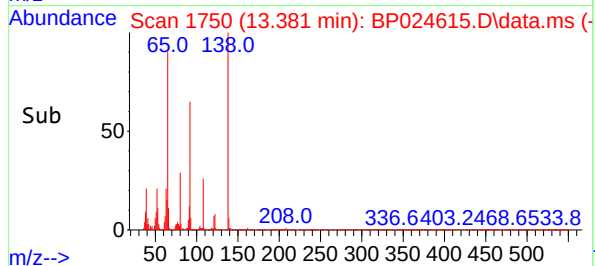
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

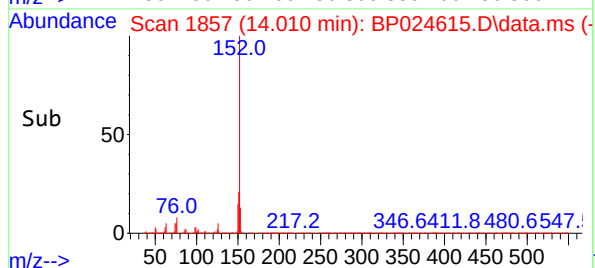
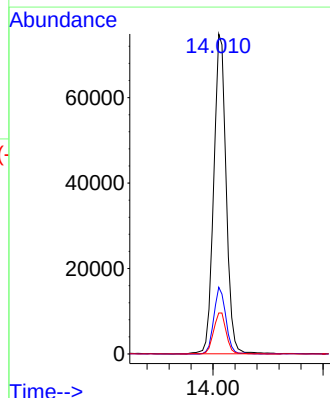
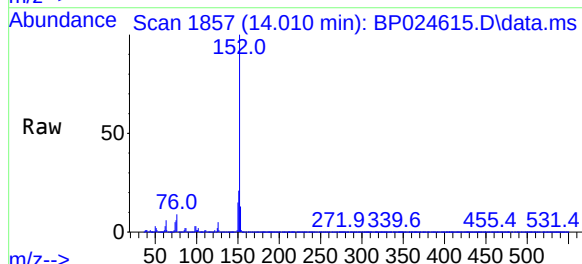
Manual Integrations
APPROVED

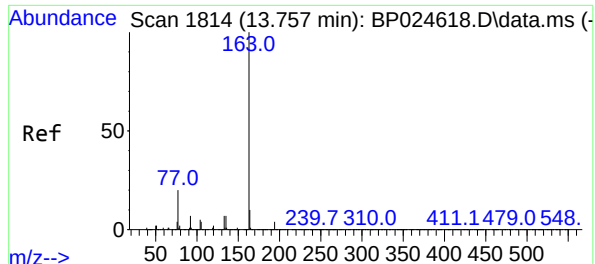
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





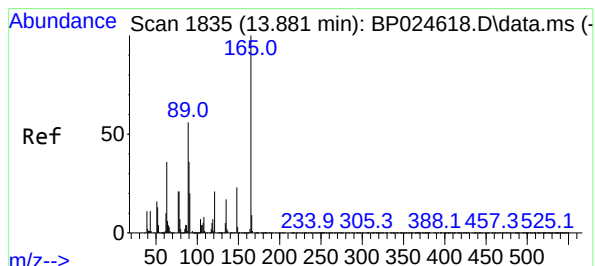
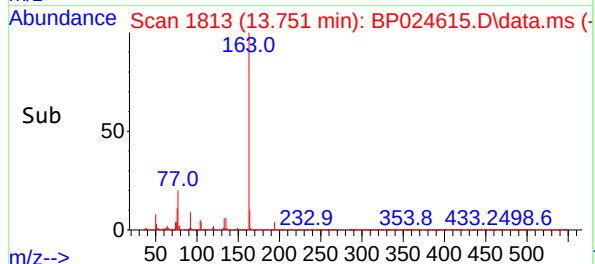
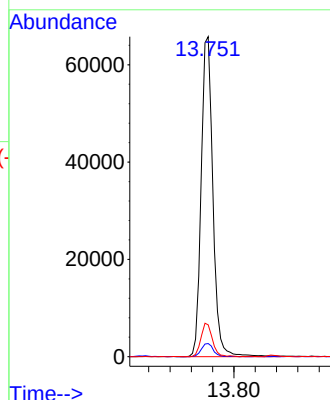
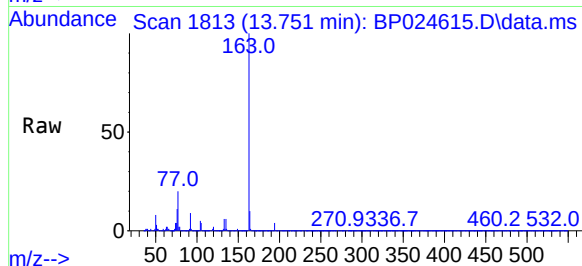
#50
Dimethylphthalate
Concen: 5.15 ng
RT: 13.751 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

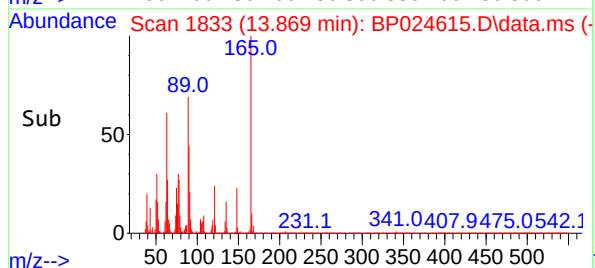
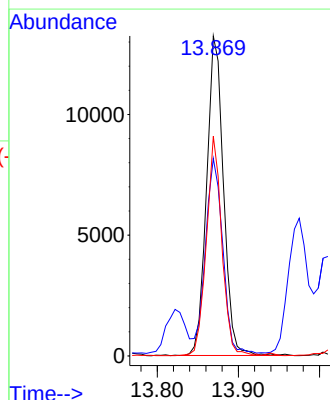
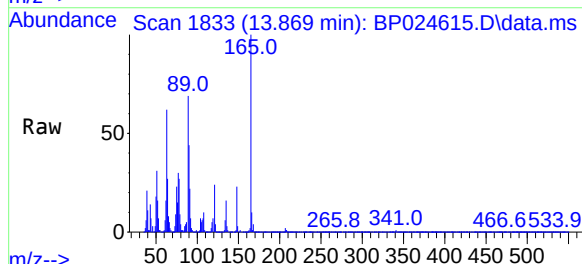
Manual Integrations
APPROVED

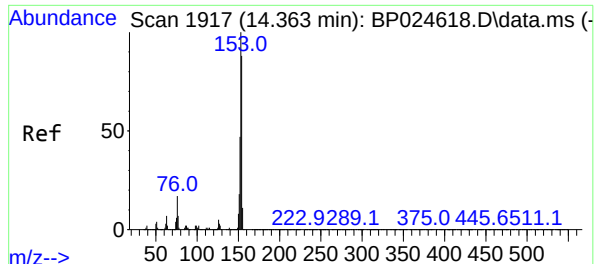
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

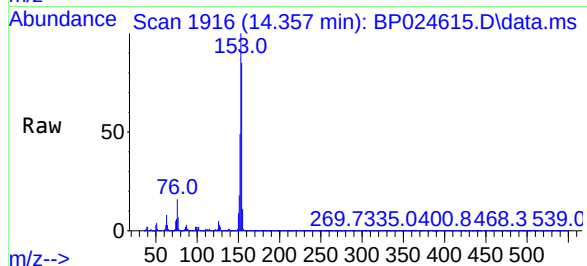
Tgt Ion:165 Resp: 19052
Ion Ratio Lower Upper
165 100
63 61.7 42.4 63.6
89 68.7 44.8 67.2#





#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

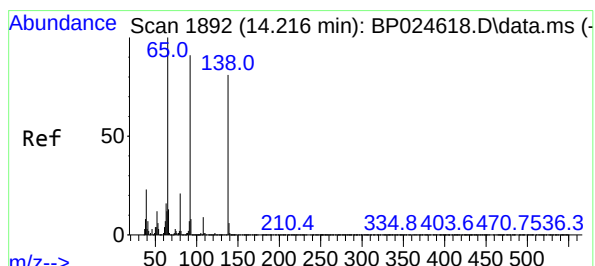
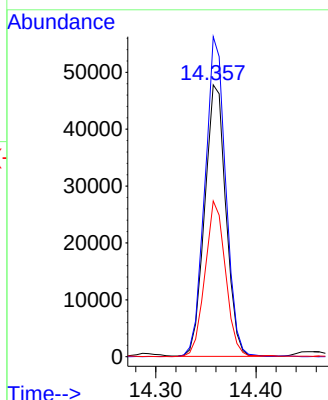
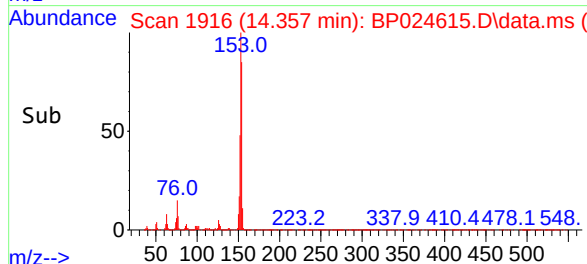
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



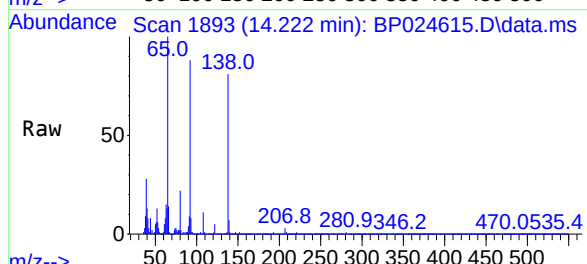
Tgt Ion:154 Resp: 70302
Ion Ratio Lower Upper
154 100
153 117.7 91.0 136.4
152 57.3 42.9 64.3

Manual Integrations
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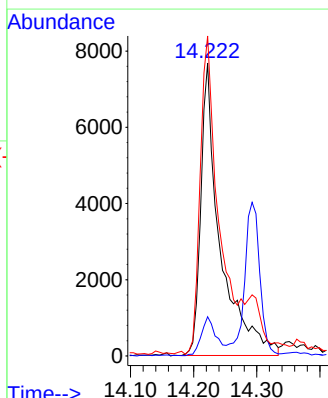
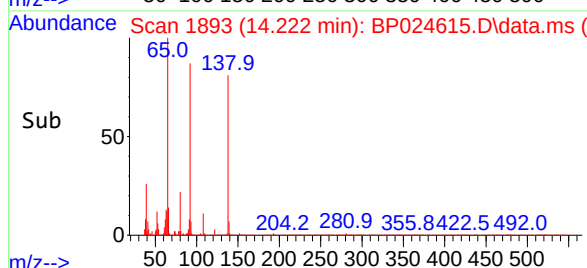
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

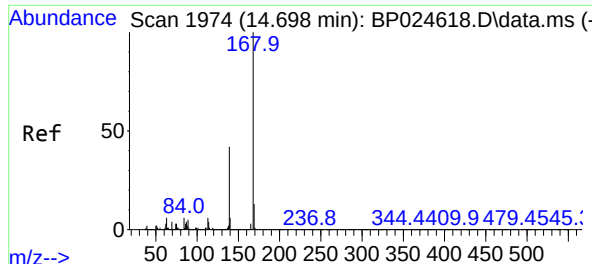


#53
3-Nitroaniline
Concen: 3.92 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



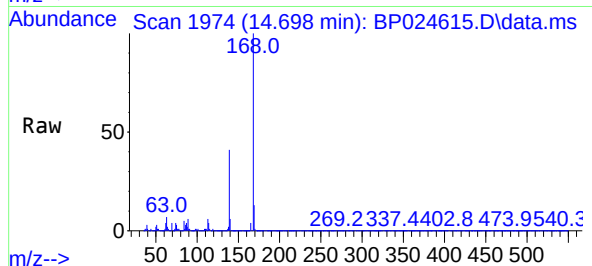
Tgt Ion:138 Resp: 16400
Ion Ratio Lower Upper
138 100
108 13.4 9.0 13.4
92 109.3 90.1 135.1





#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

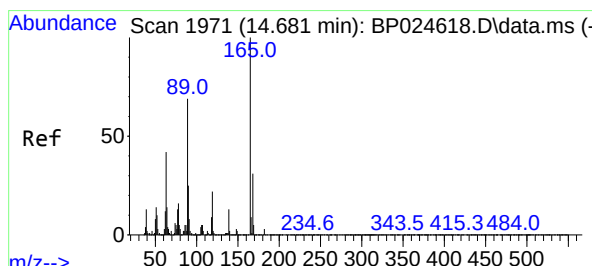
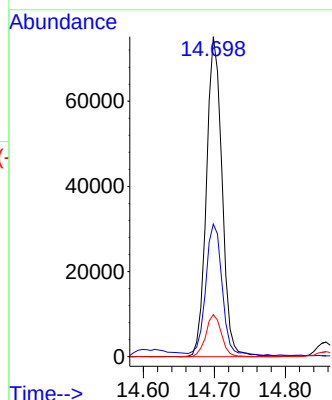
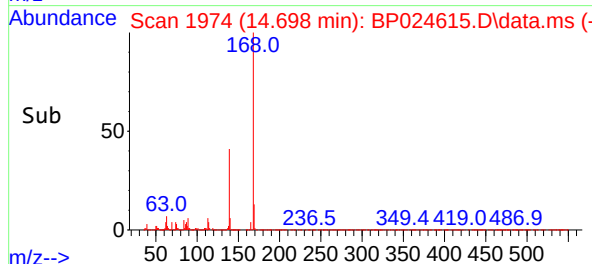
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

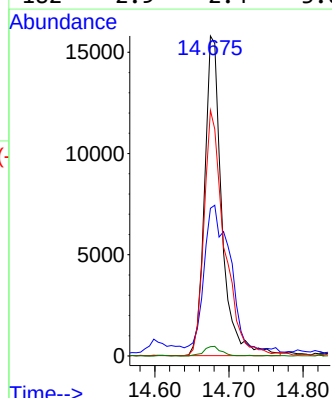
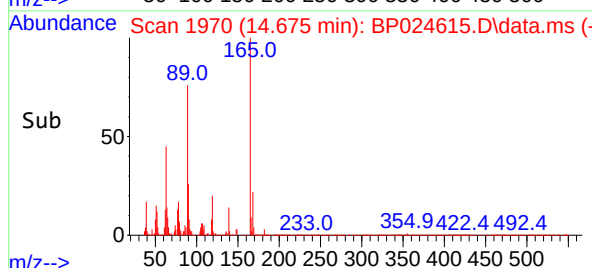
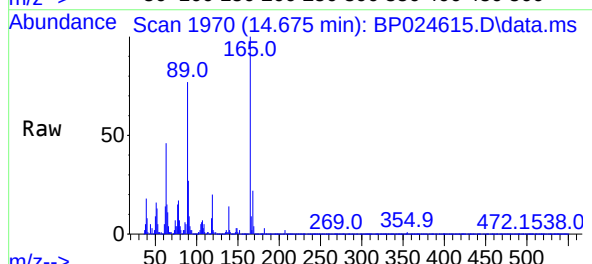
Manual Integrations
APPROVED

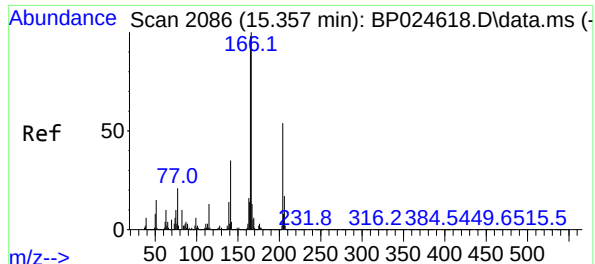
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

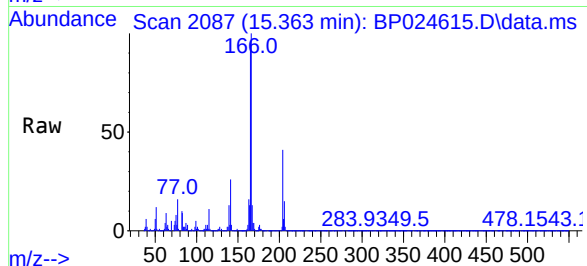
Tgt Ion:165 Resp: 25481
Ion Ratio Lower Upper
165 100
63 46.2 33.8 50.6
89 76.8 55.6 83.4
182 2.9 2.4 3.6





#58
Fluorene
Concen: 5.20 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

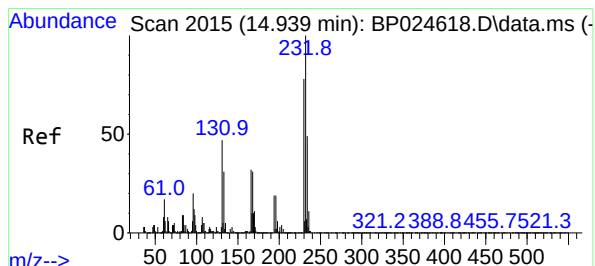
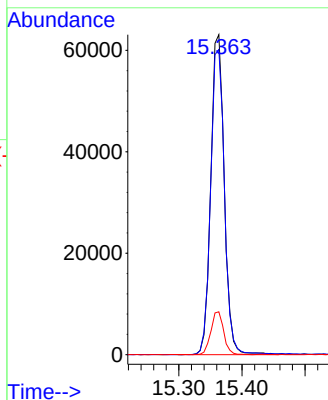
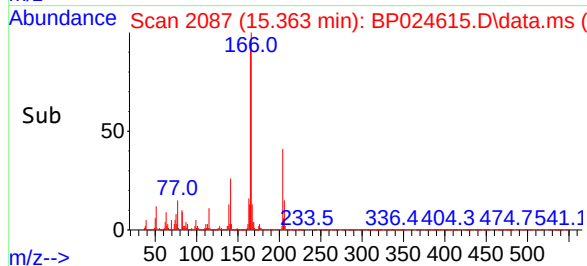
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



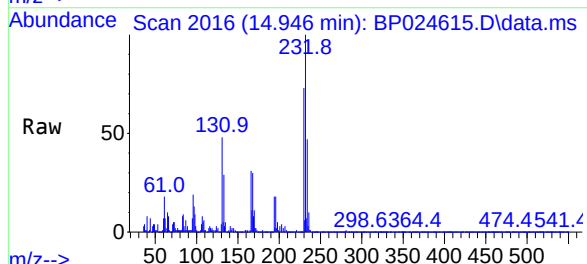
Tgt Ion:166 Resp: 9330
Ion Ratio Lower Upper
166 100
165 95.4 78.5 117.7
167 13.4 10.7 16.1

Manual Integrations
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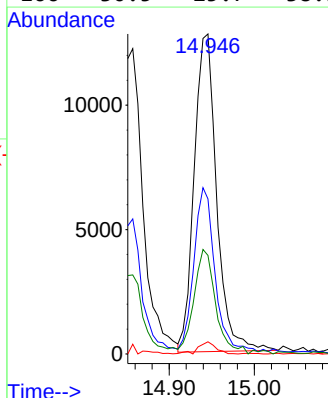
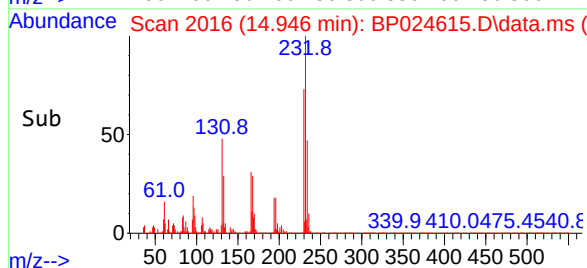
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

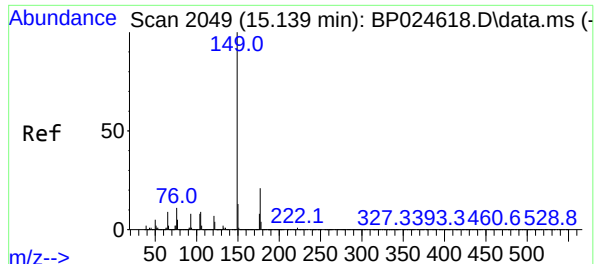


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.73 ng
RT: 14.946 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



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





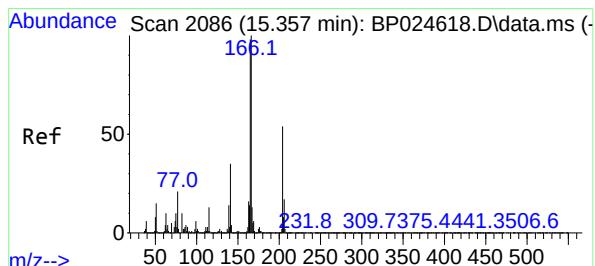
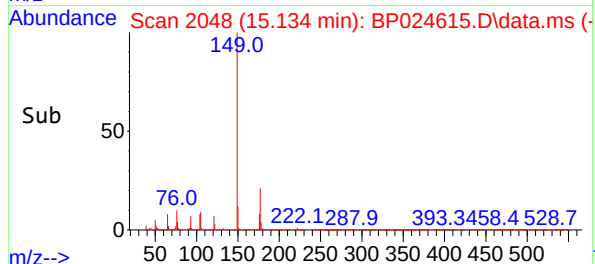
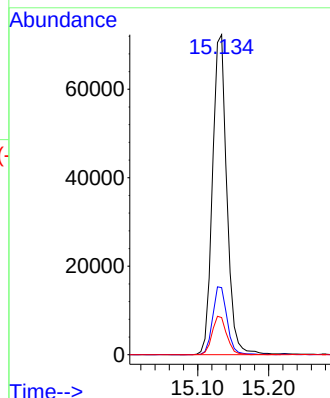
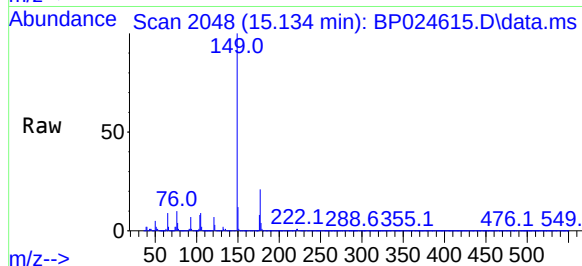
#60
Diethylphthalate
Concen: 5.17 ng
RT: 15.134 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 101360
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 11.6 10.2 15.2

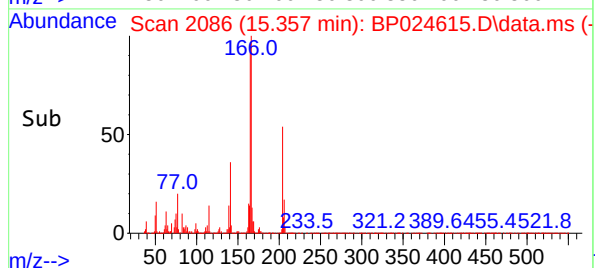
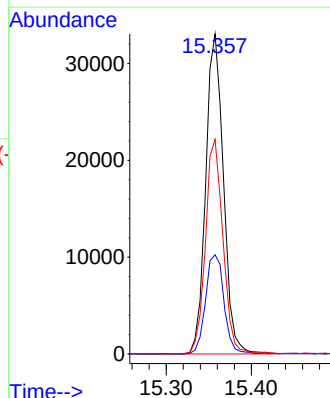
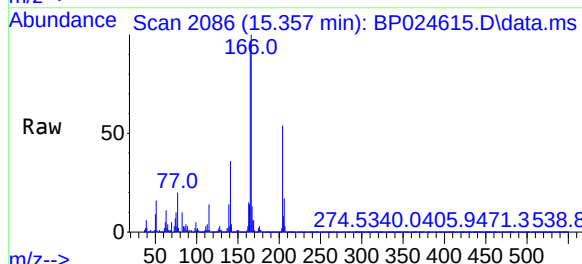
Manual Integrations
APPROVED

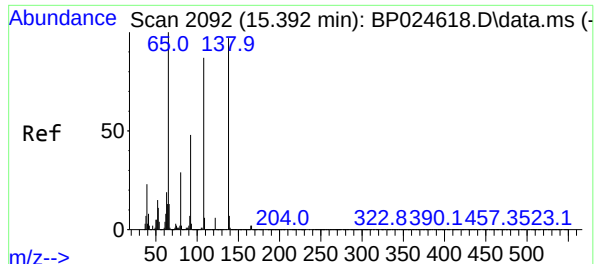
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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:204 Resp: 47886
Ion Ratio Lower Upper
204 100
206 31.0 26.0 39.0
141 67.1 52.9 79.3





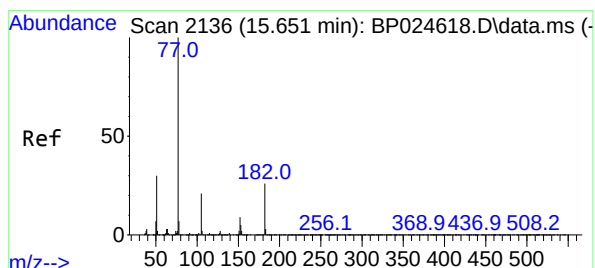
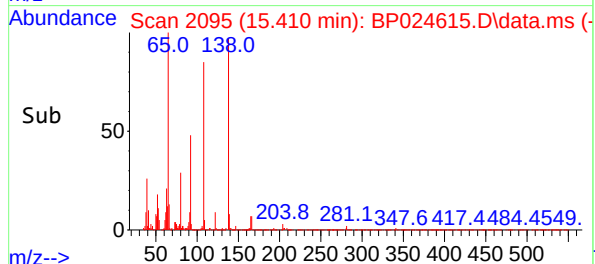
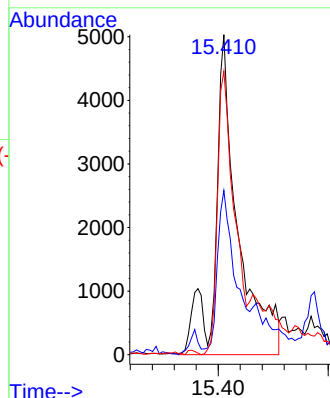
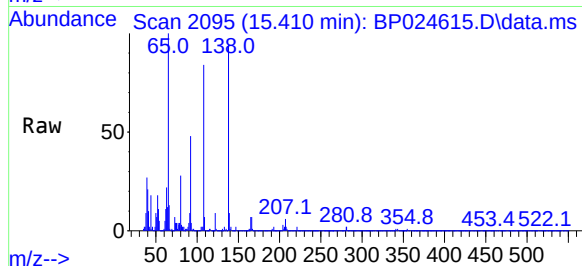
#62
4-Nitroaniline
Concen: 3.55 ng m
RT: 15.410 min Scan# 2095
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

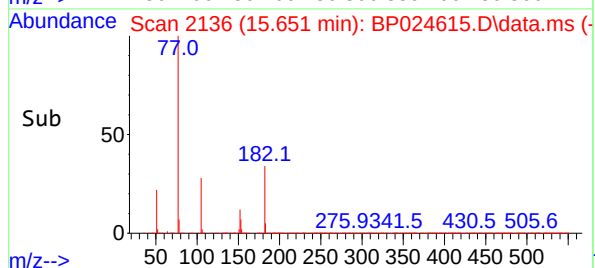
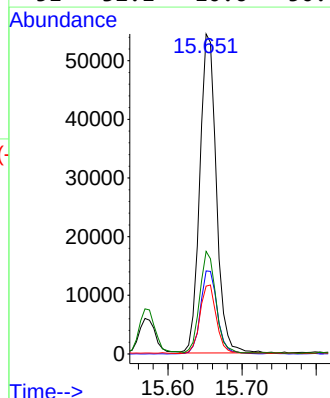
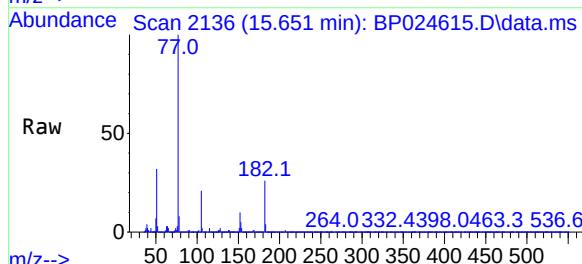
Manual Integrations
APPROVED

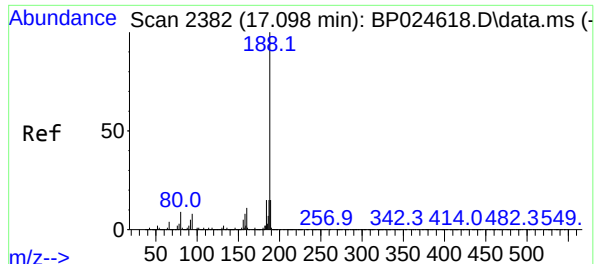
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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 :

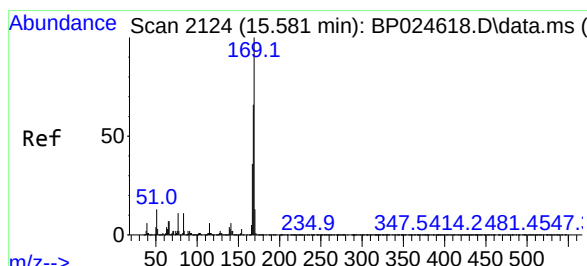
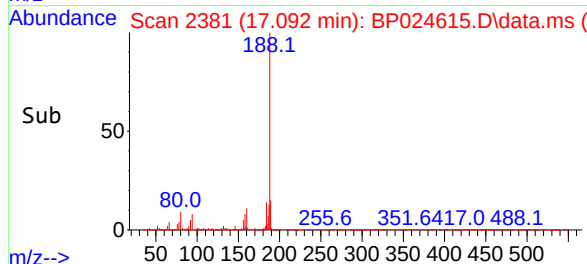
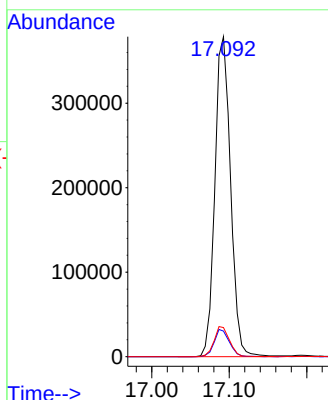
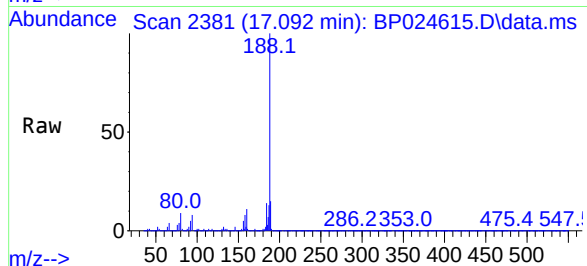
SSTDICC005

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

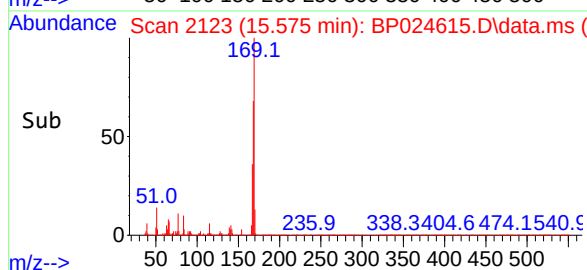
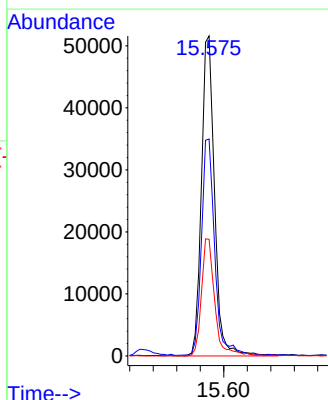
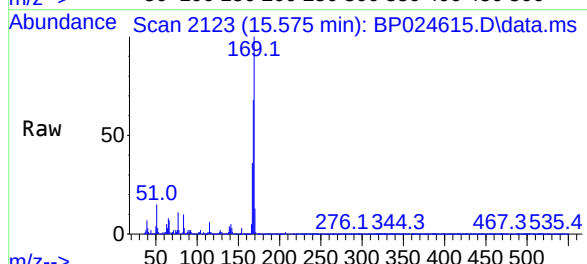
APPROVED

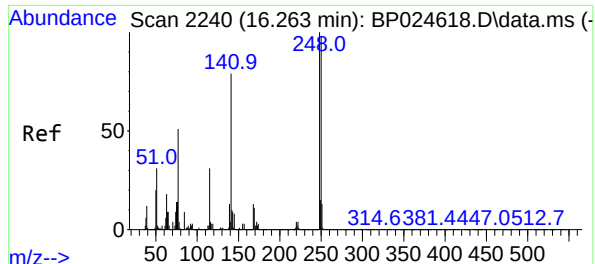
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





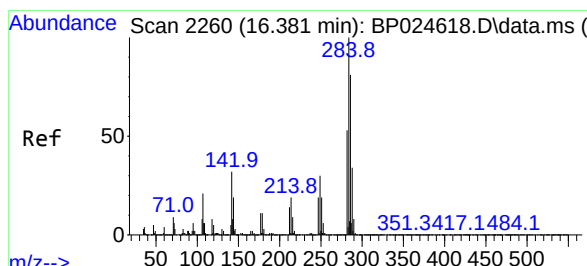
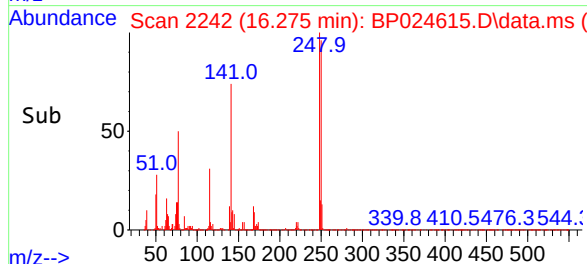
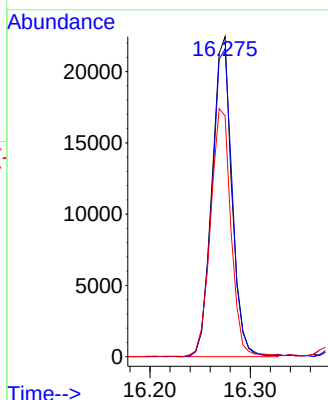
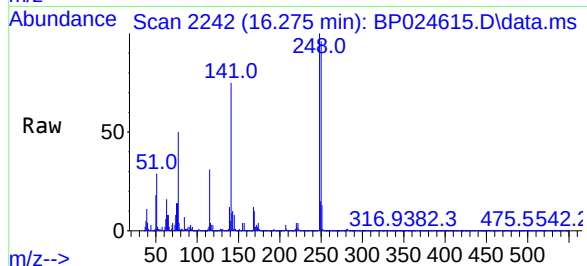
#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.275 min Scan# 211
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 3070
Ion Ratio Lower Upper
248 100
250 96.2 78.2 117.4
141 75.3 63.0 94.6

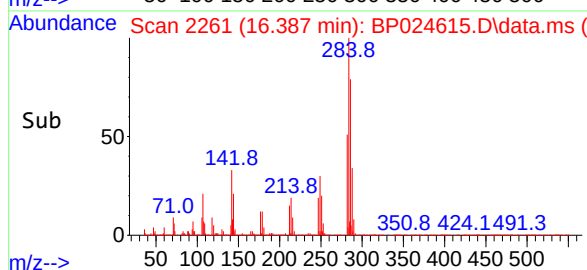
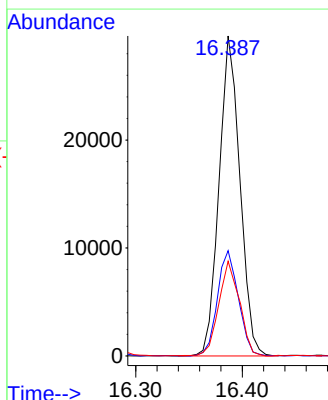
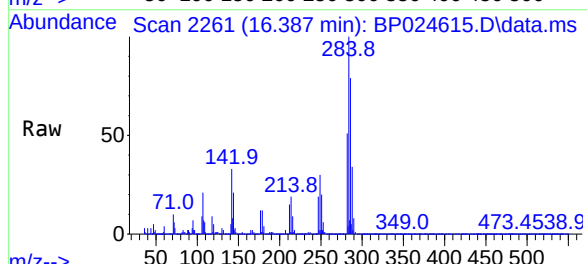
Manual Integrations
APPROVED

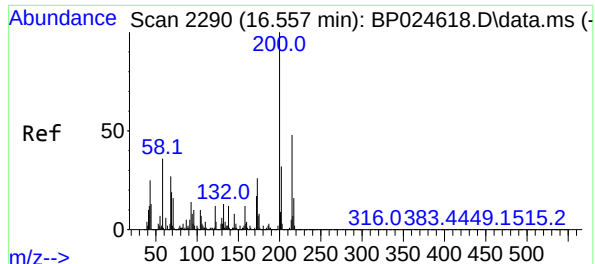
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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:284 Resp: 40234
Ion Ratio Lower Upper
284 100
142 32.9 25.9 38.9
249 29.6 24.1 36.1





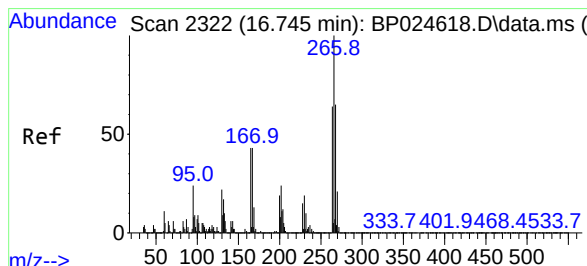
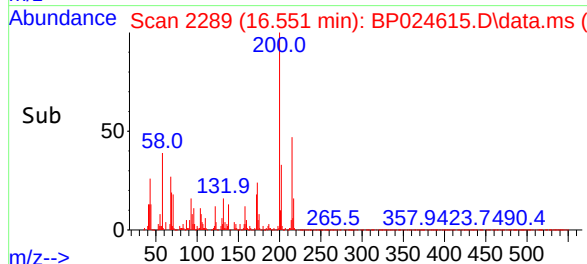
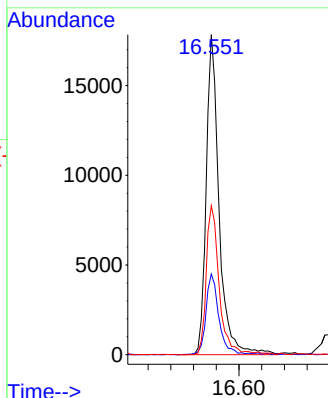
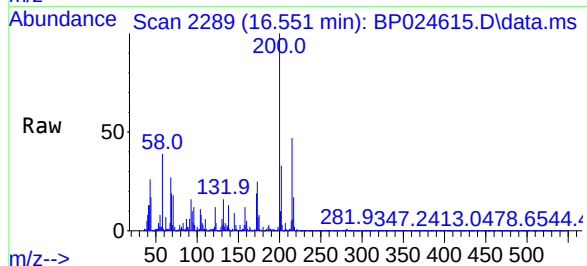
#69
Atrazine
Concen: 4.66 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

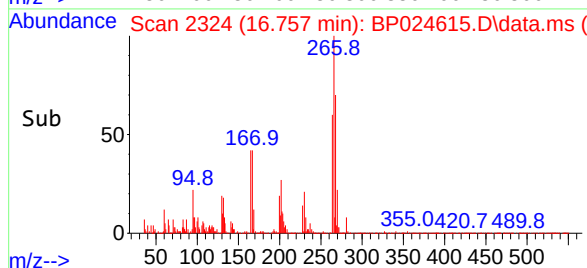
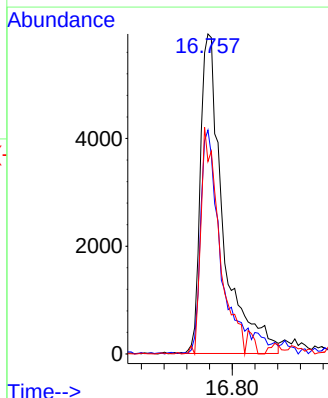
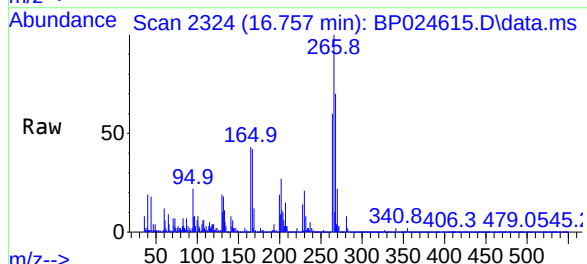
Manual Integrations
APPROVED

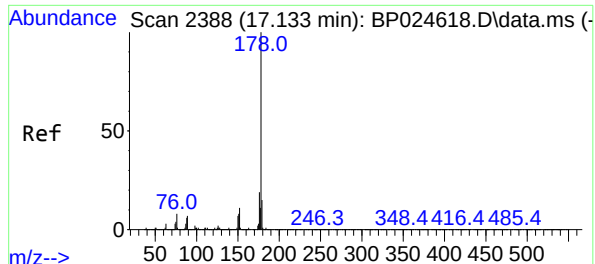
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

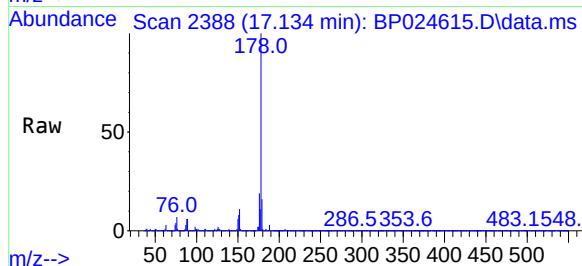
Tgt Ion: 266 Resp: 16456
Ion Ratio Lower Upper
266 100
268 69.9 52.2 78.4
264 60.1 51.1 76.7





#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

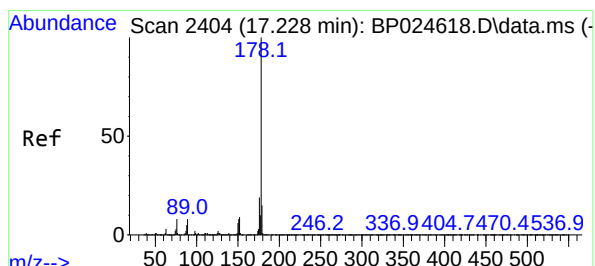
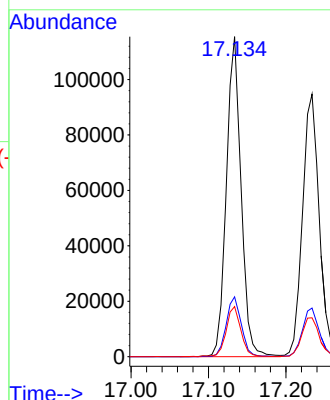
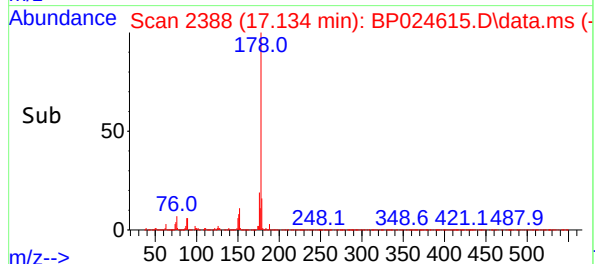
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

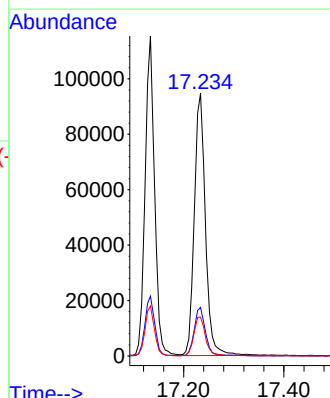
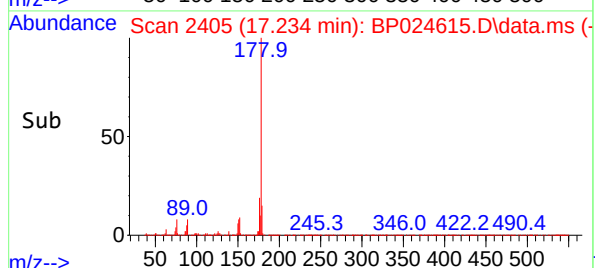
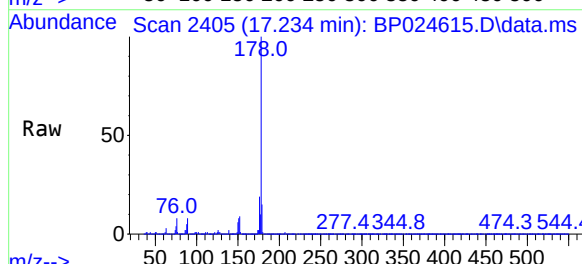
Manual Integrations
APPROVED

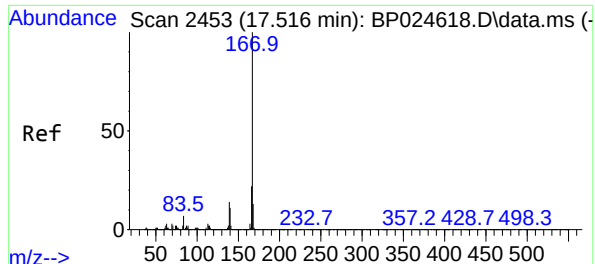
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

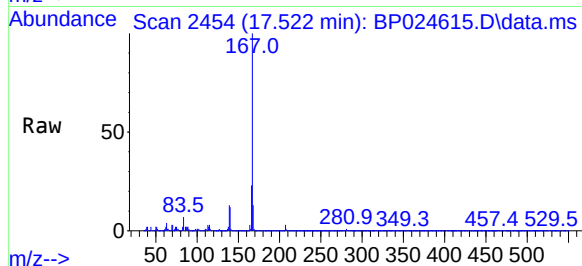
Tgt Ion:178 Resp: 145809
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 14.8 12.2 18.2





#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

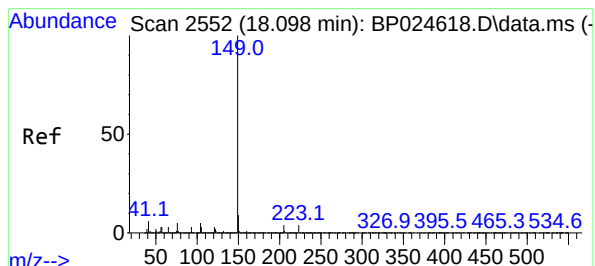
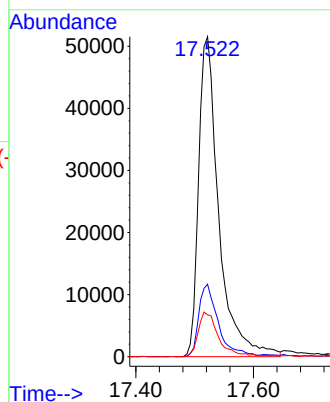
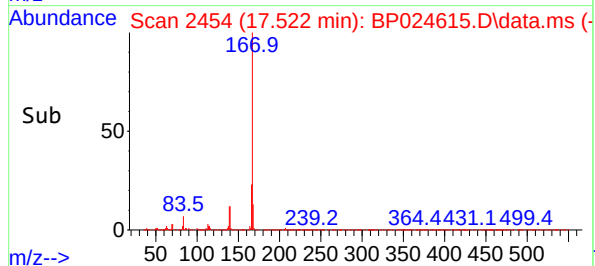
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

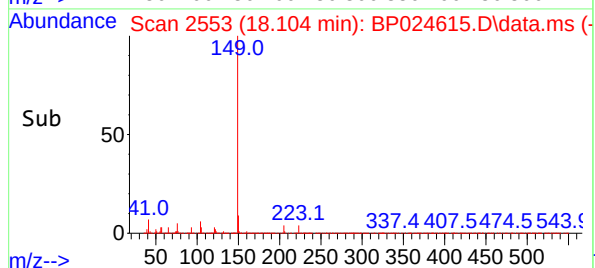
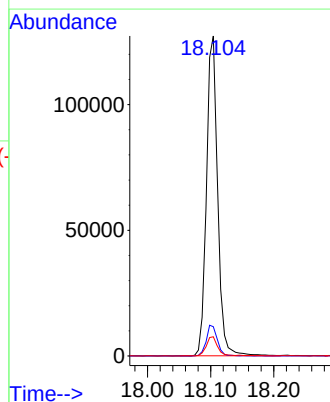
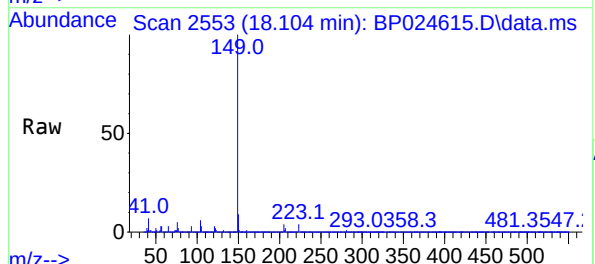
Manual Integrations
APPROVED

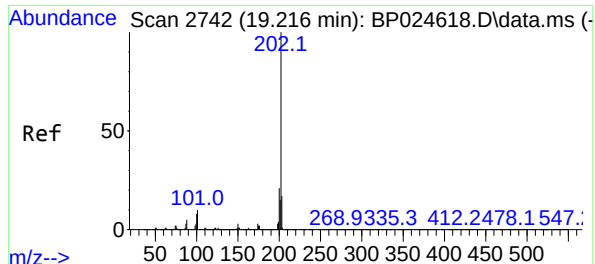
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

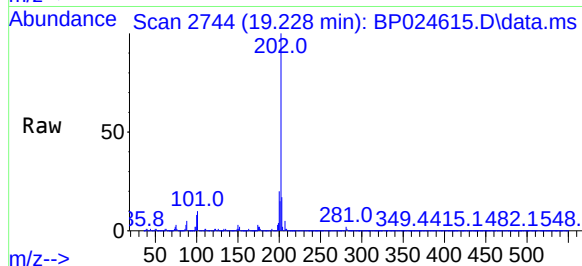
Tgt Ion:149 Resp: 157014
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 6.0 4.3 6.5





#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

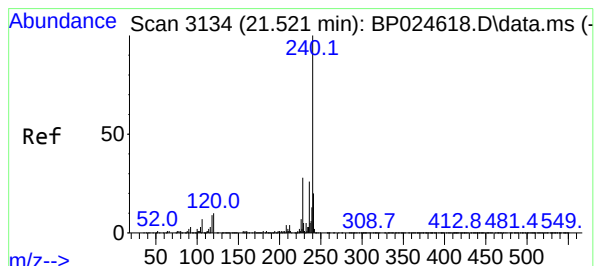
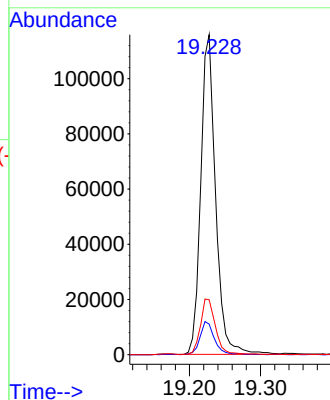
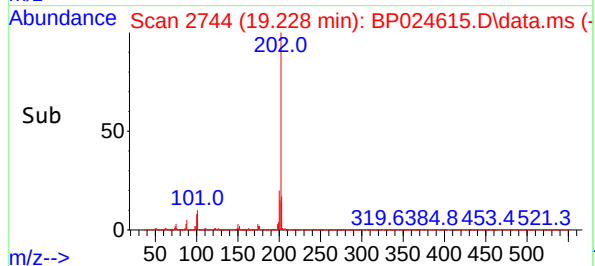
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

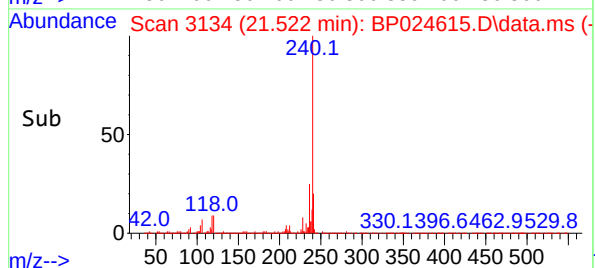
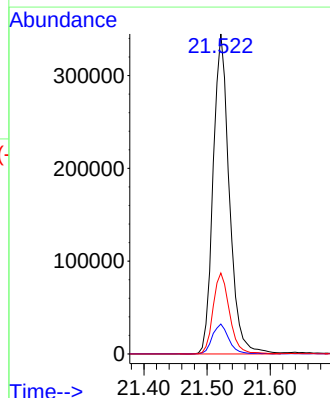
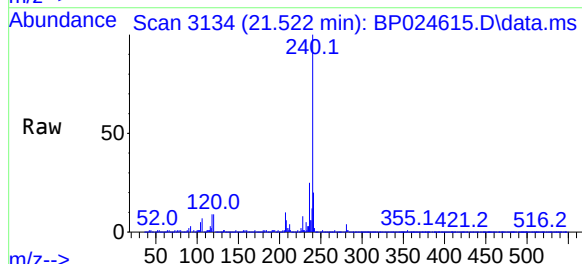
Manual Integrations
APPROVED

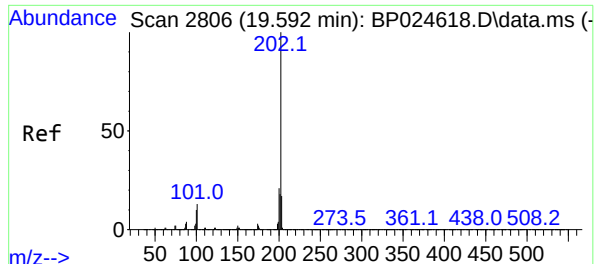
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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 :

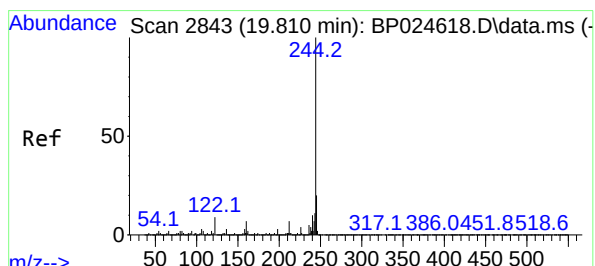
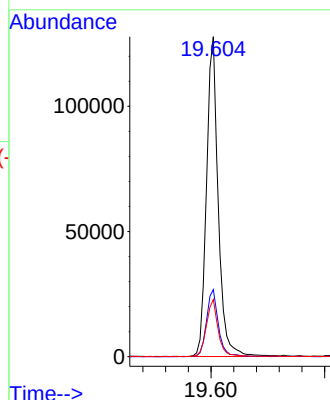
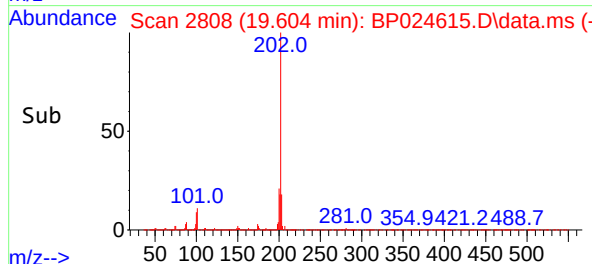
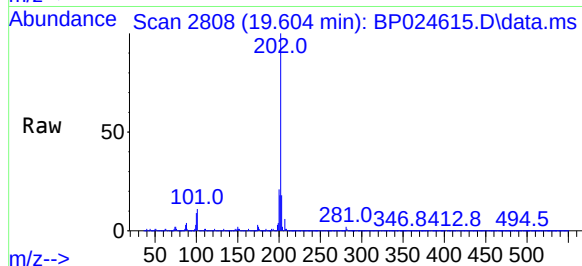
SSTDICC005

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

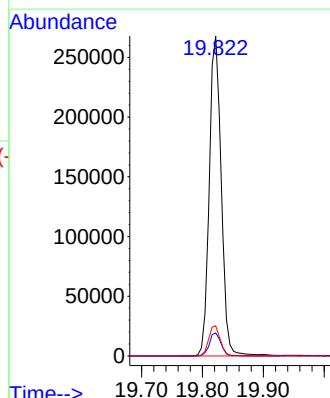
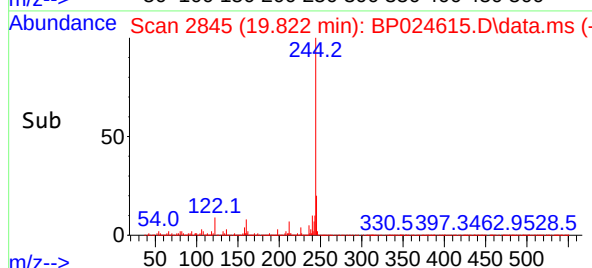
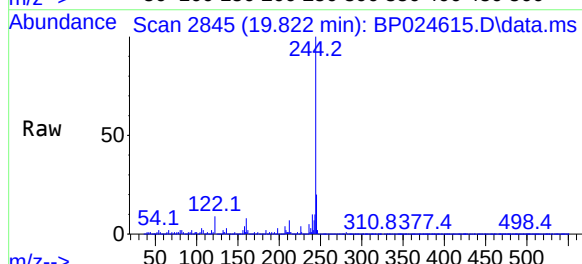
APPROVED

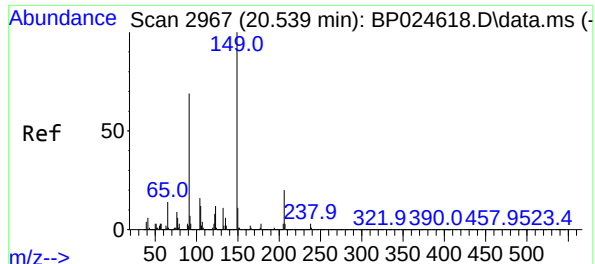
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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 :

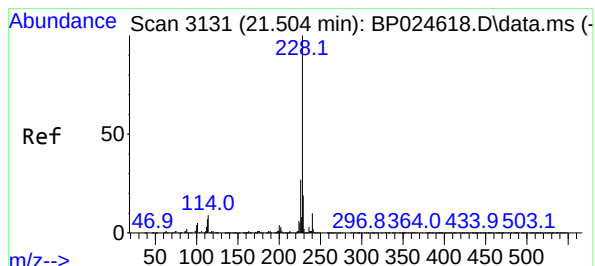
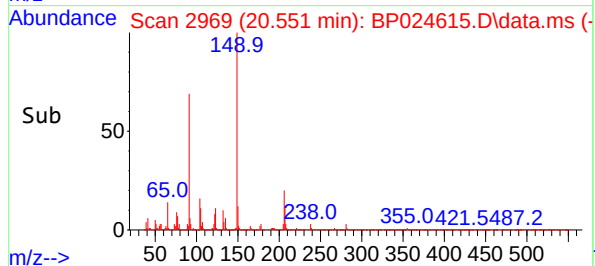
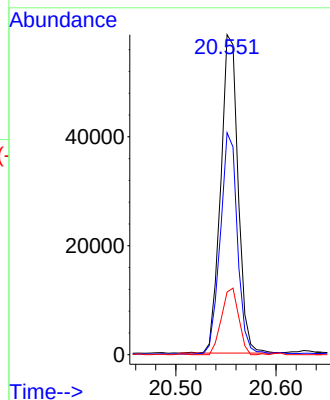
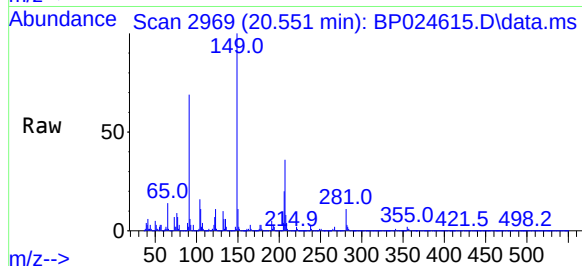
SSTDICC005

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

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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#81

Benzo(a)anthracene

Concen: 4.98 ng

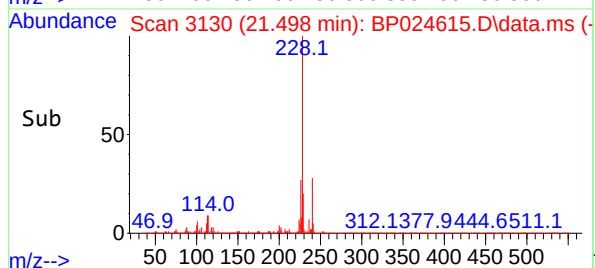
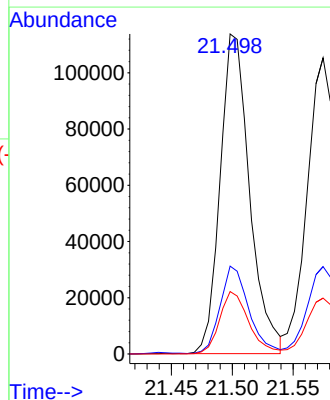
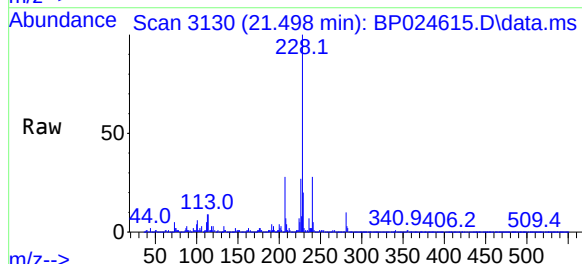
RT: 21.498 min Scan# 3130

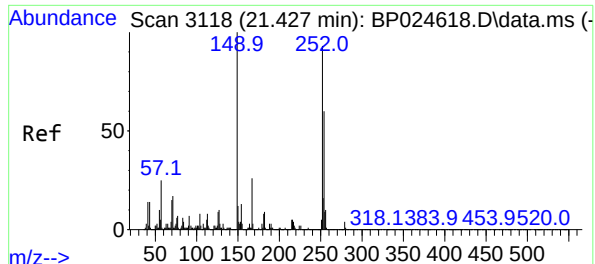
Delta R.T. -0.006 min

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

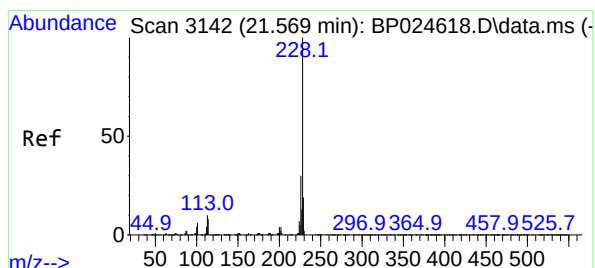
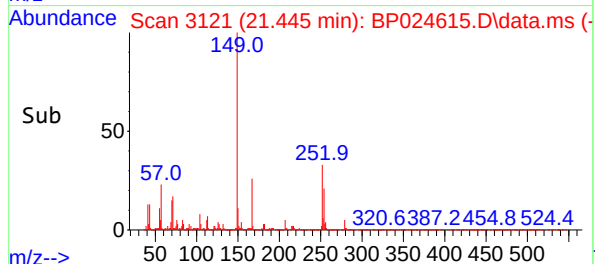
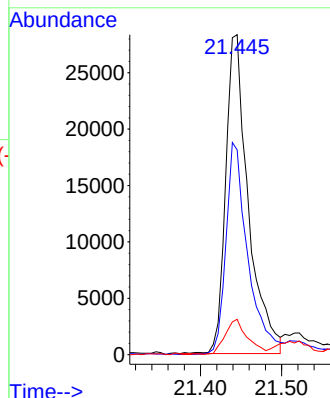
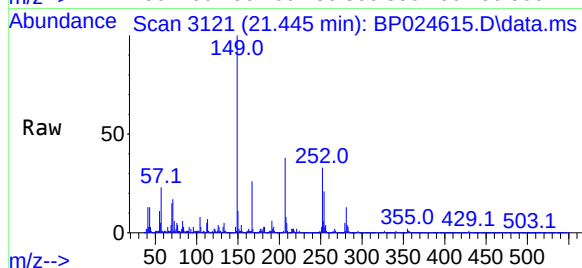
126 11.0 7.7 11.5

Manual Integrations

APPROVED

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

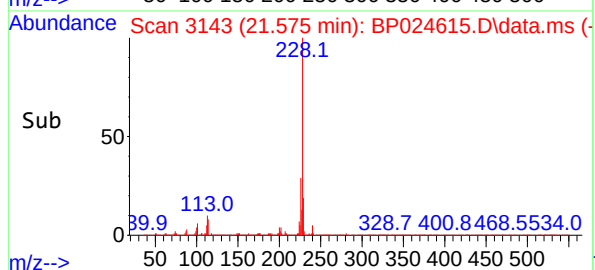
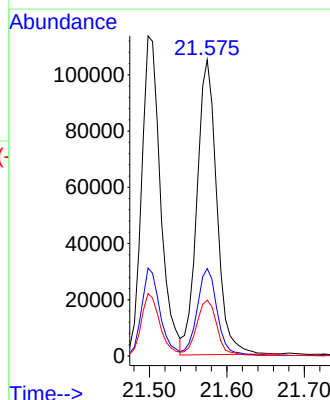
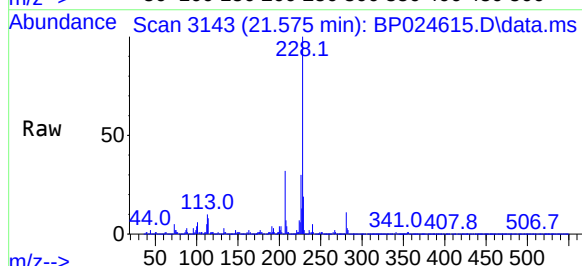
Tgt Ion:228 Resp: 186449

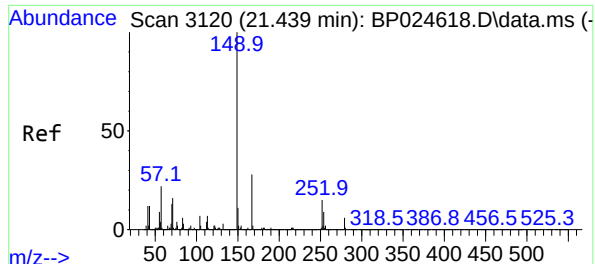
Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

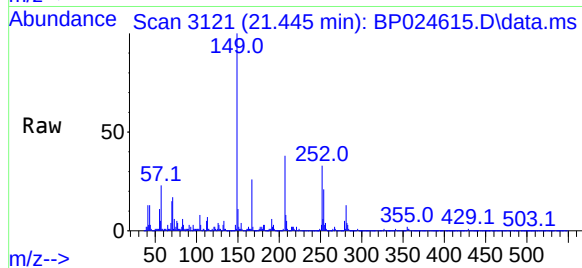
229 18.9 15.5 23.3





#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

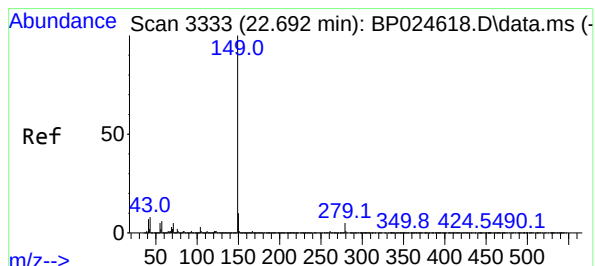
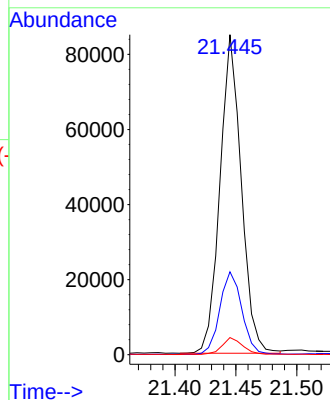
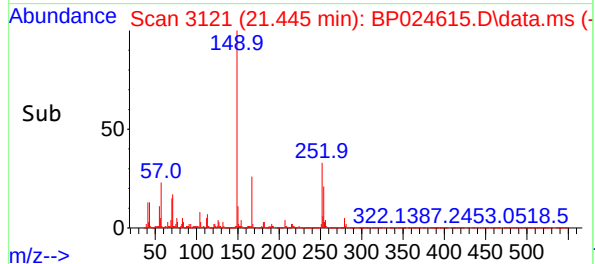
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

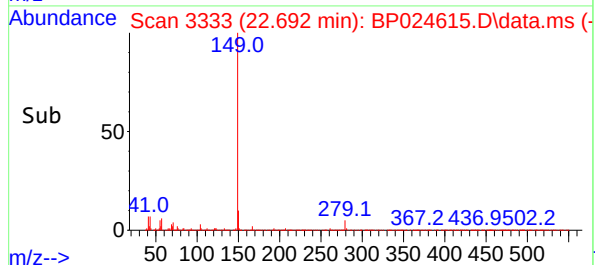
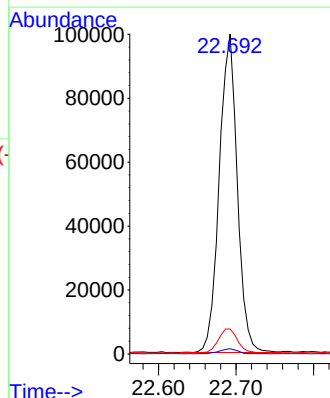
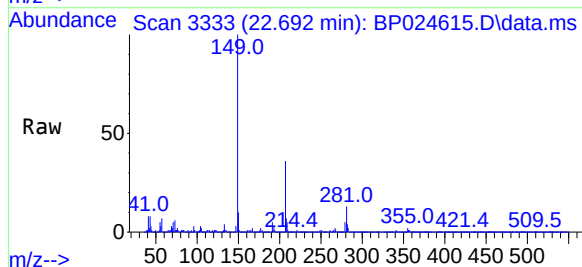
Manual Integrations
APPROVED

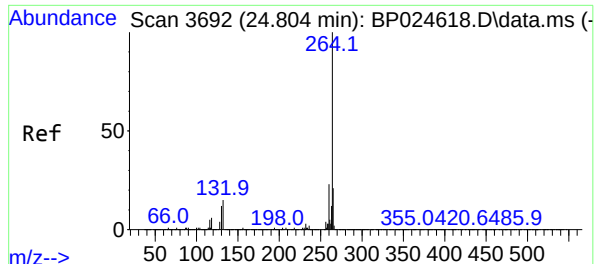
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

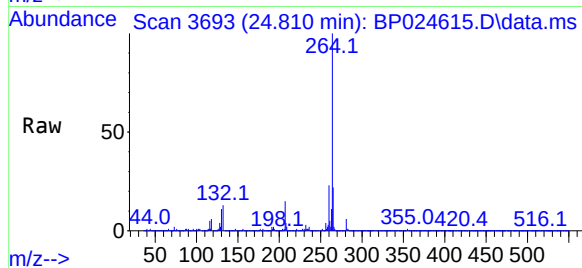
Tgt Ion:149 Resp: 160883
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.2 6.3 9.5





#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

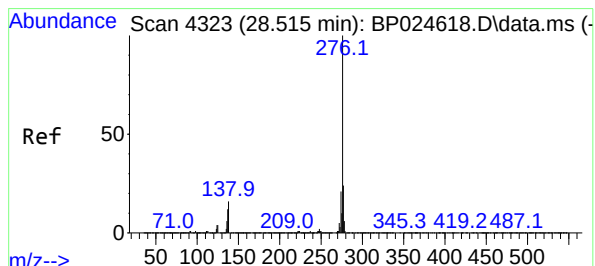
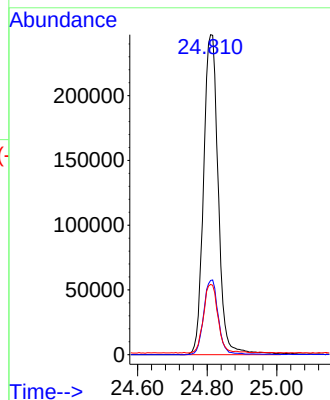
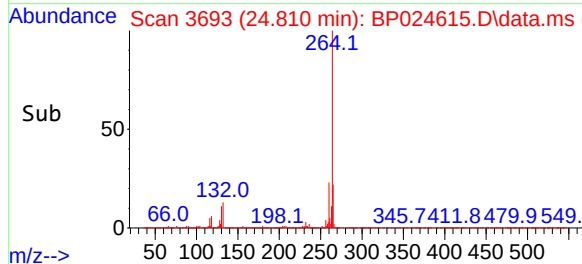
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



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

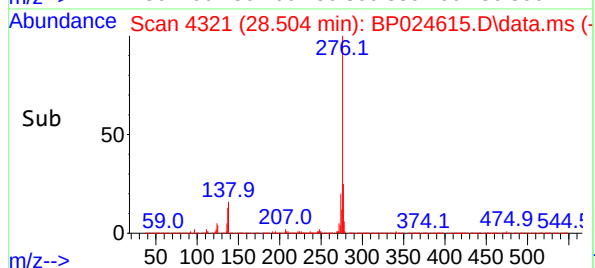
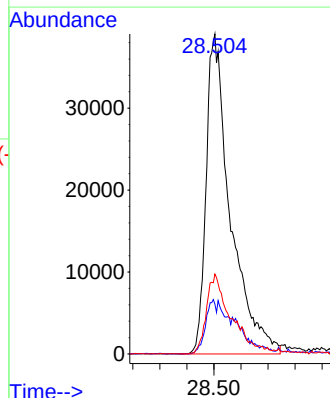
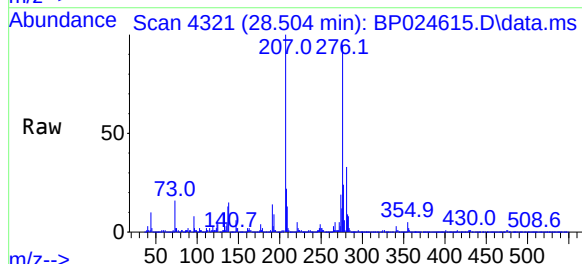
Manual Integrations
APPROVED

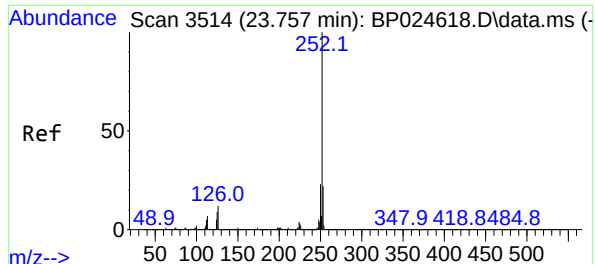
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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#





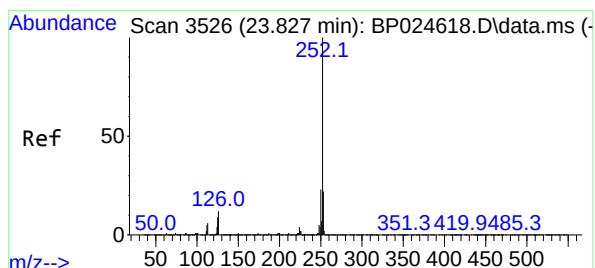
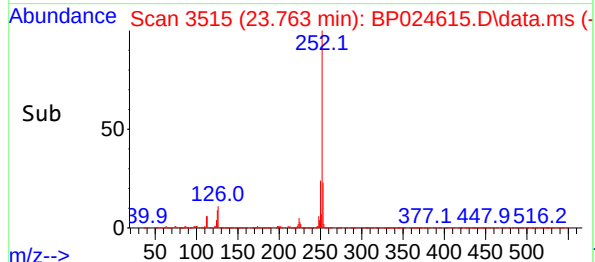
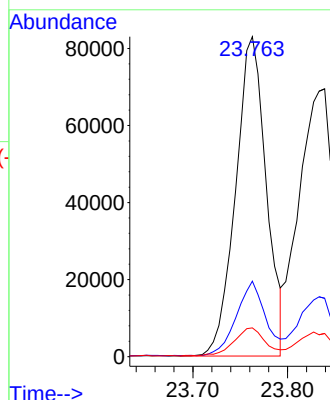
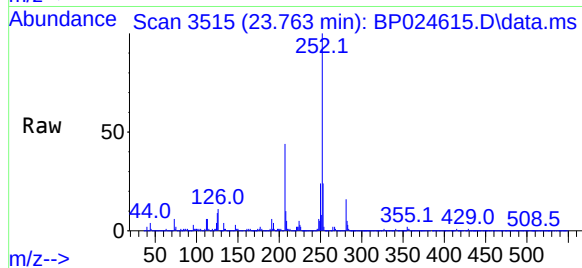
#88
Benzo(b)fluoranthene
Concen: 4.49 ng
RT: 23.763 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

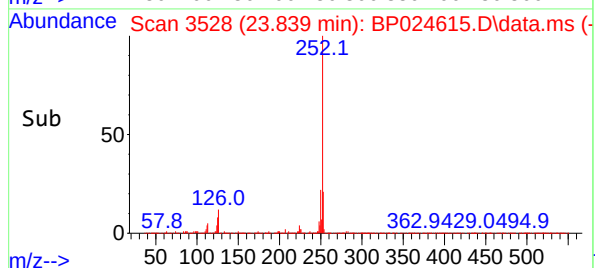
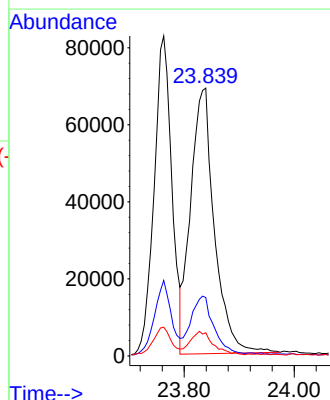
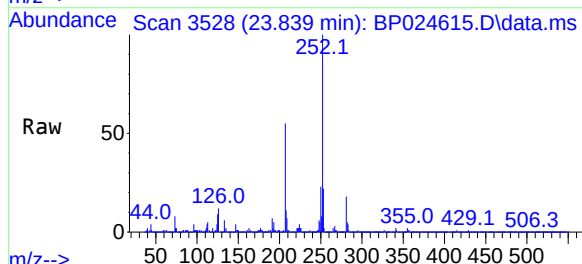
Manual Integrations
APPROVED

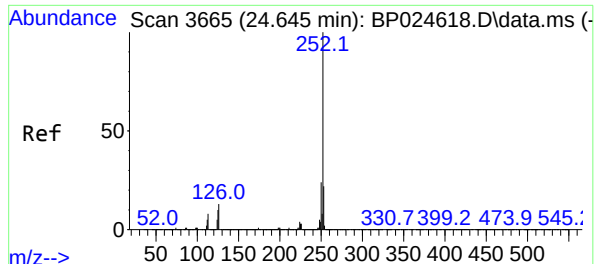
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





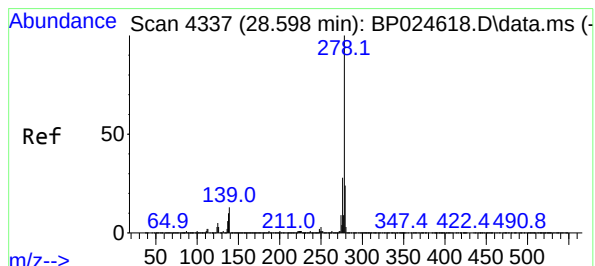
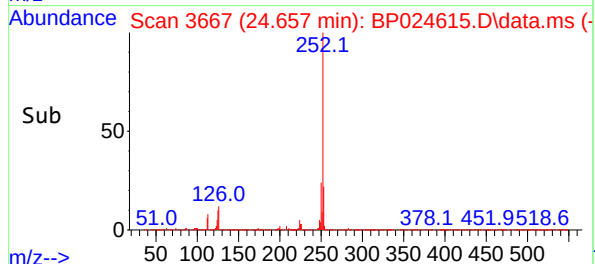
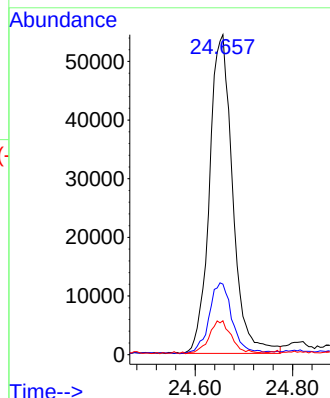
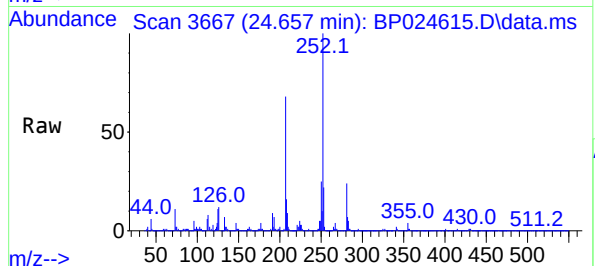
#90
Benzo(a)pyrene
Concen: 4.52 ng
RT: 24.657 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

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

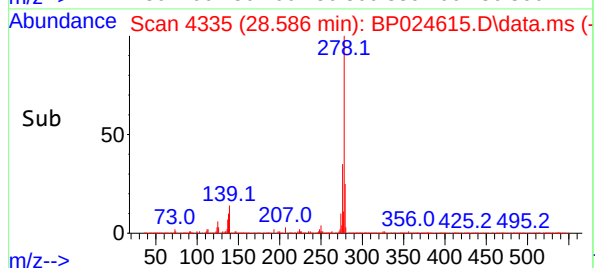
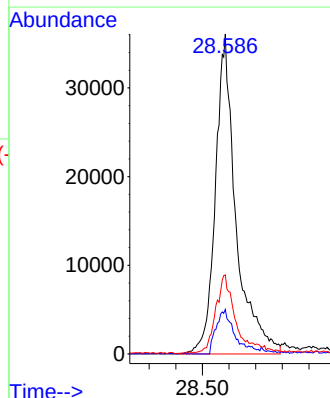
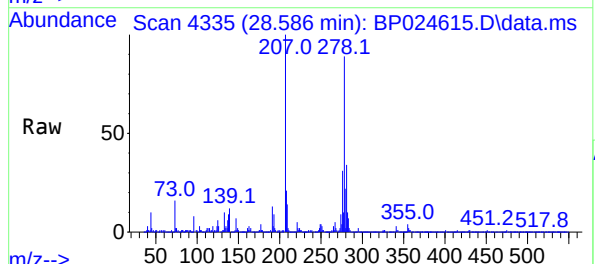
Manual Integrations
APPROVED

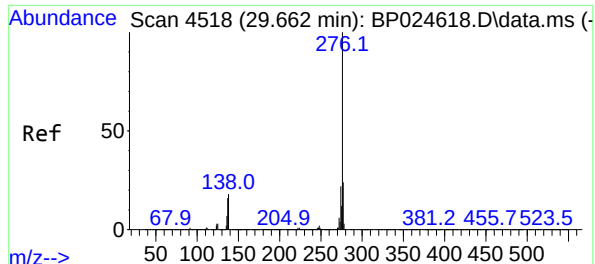
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

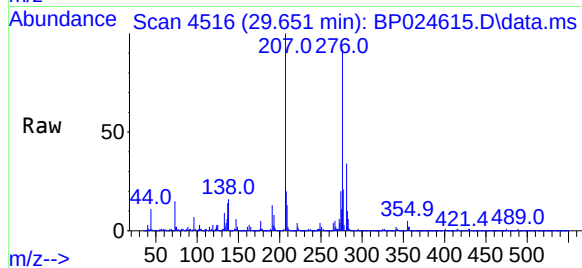
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



Tgt Ion:276 Resp: 19936

Ion Ratio Lower Upper

276 100

277 22.7 19.0 28.4

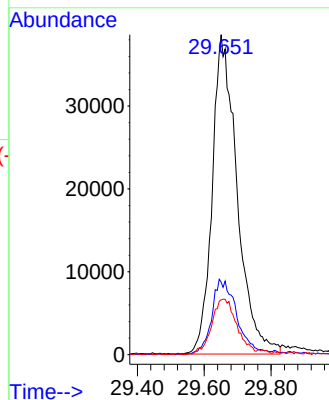
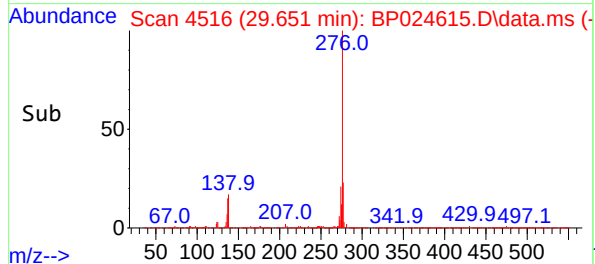
138 17.2 14.4 21.6

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
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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
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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

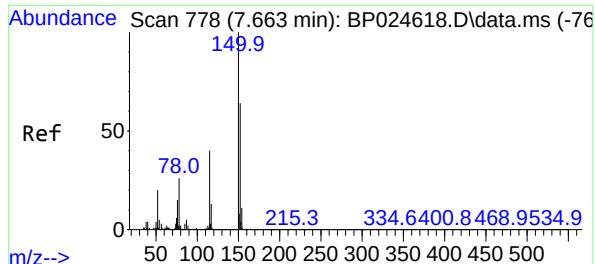
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Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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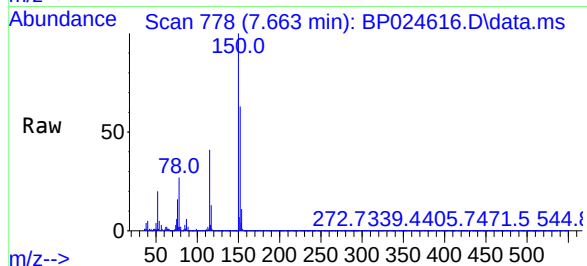
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jaagrut Upadhyay 05/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

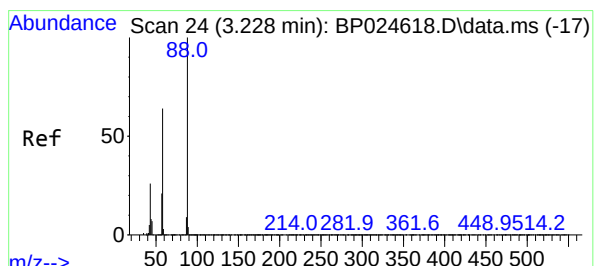
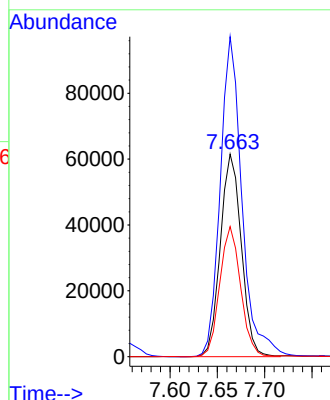
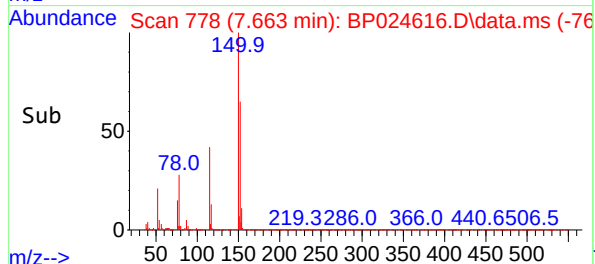
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

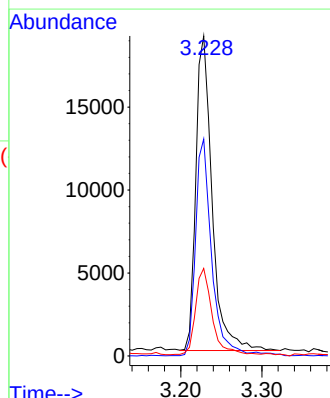
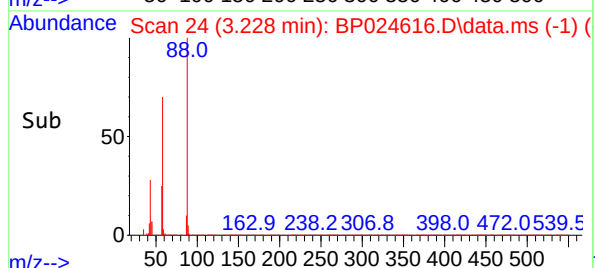
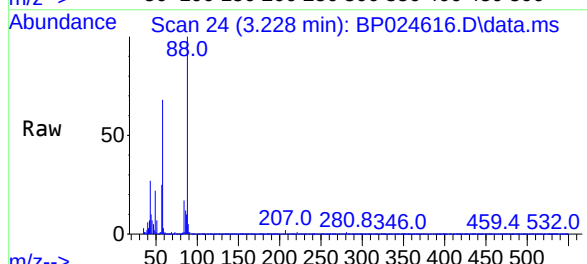
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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

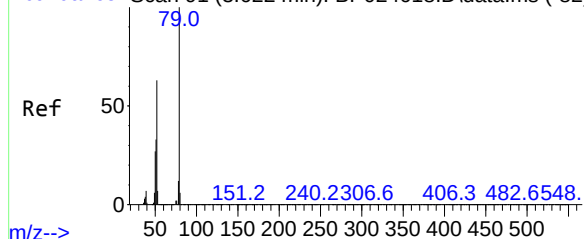


#2
1,4-Dioxane
Concen: 10.15 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

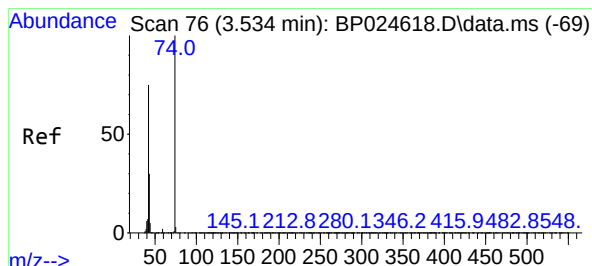
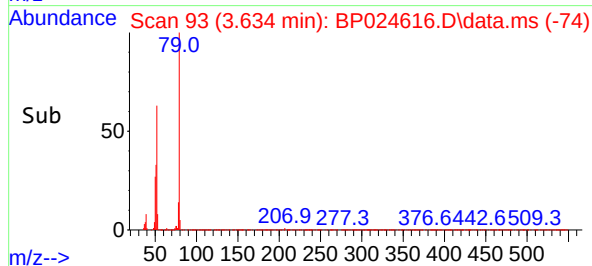
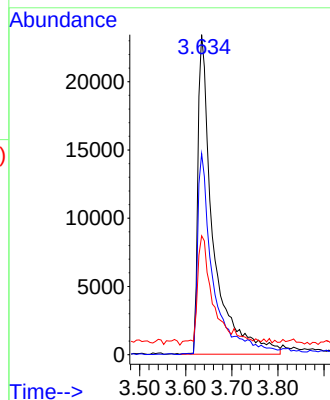
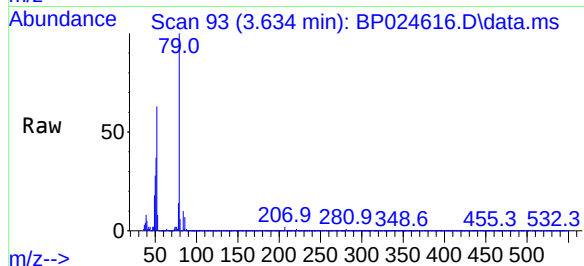
51 37.1 26.8 40.2

Manual Integrations

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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

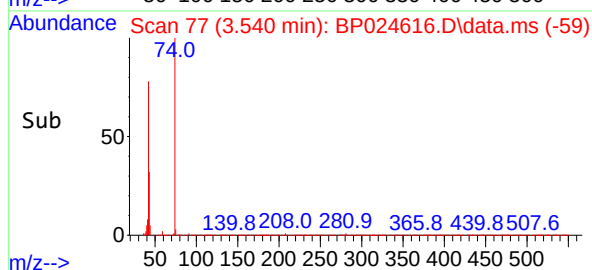
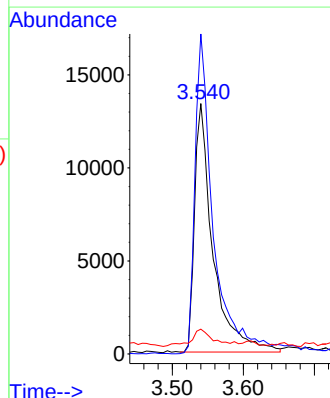
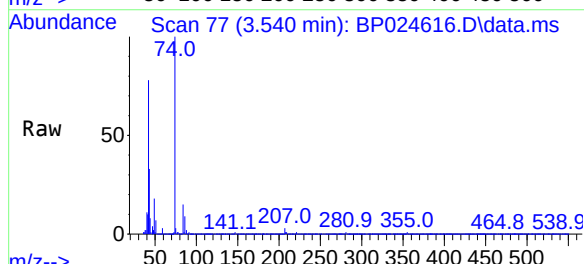
Tgt Ion: 42 Resp: 24093

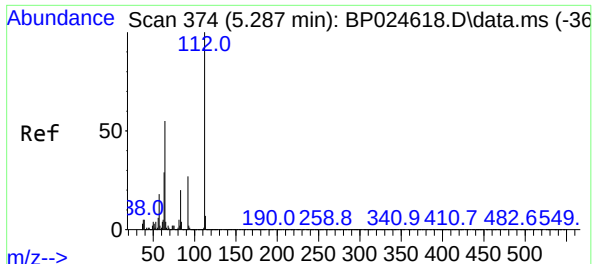
Ion Ratio Lower Upper

42 100

74 127.8 106.2 159.2

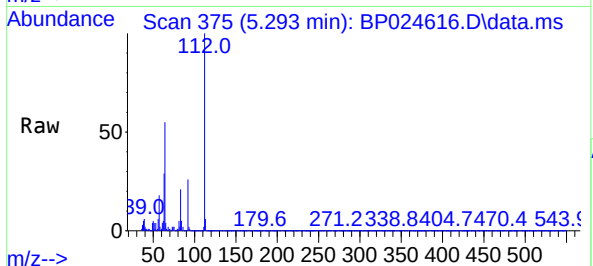
44 9.9 5.4 8.2





#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

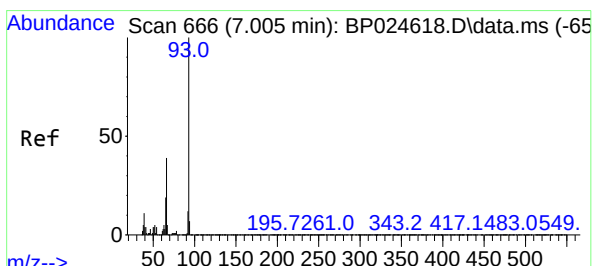
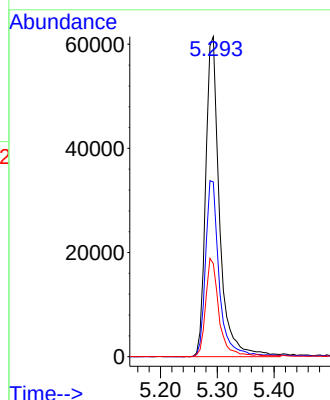
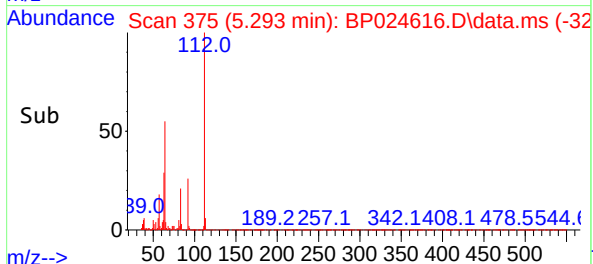
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

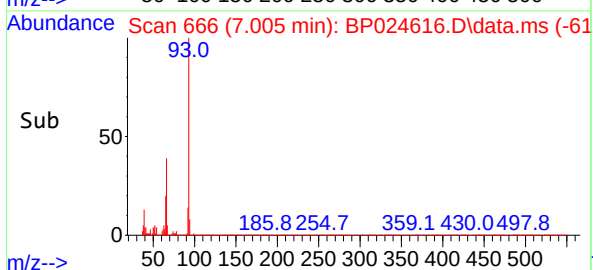
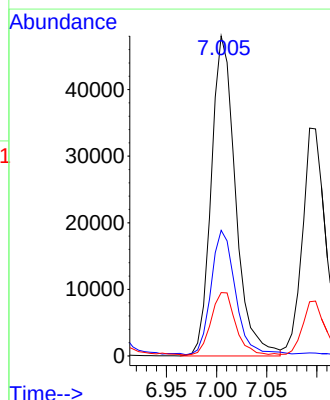
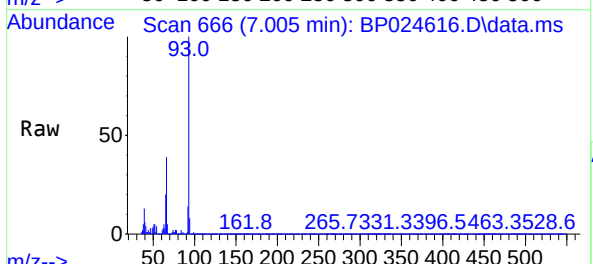
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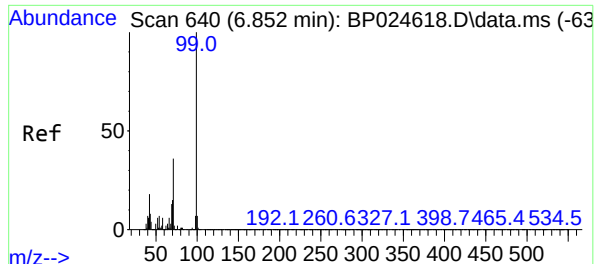
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

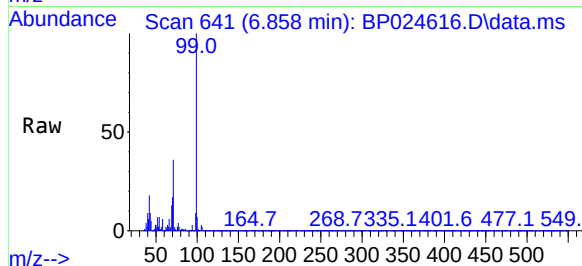
Tgt Ion: 93 Resp: 80863
Ion Ratio Lower Upper
93 100
66 39.2 31.0 46.6
65 19.8 15.5 23.3





#7
Phenol-d6
Concen: 18.01 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

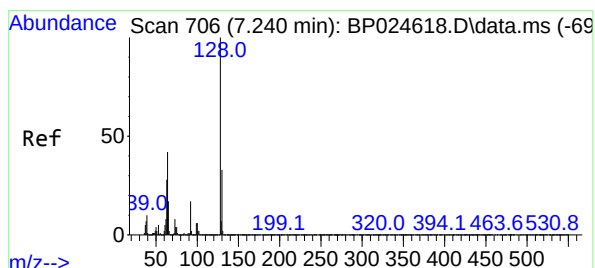
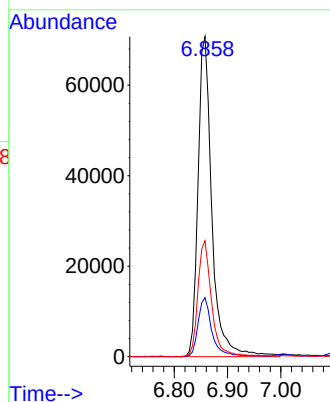
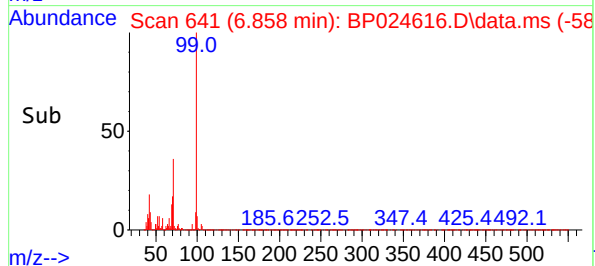
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

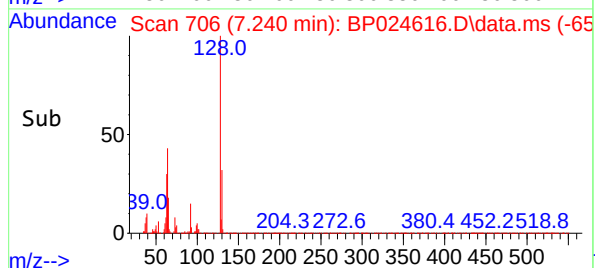
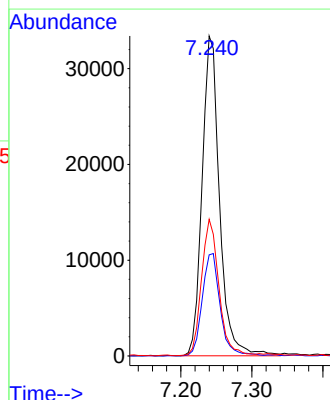
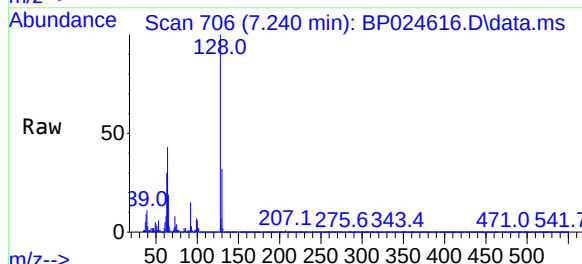
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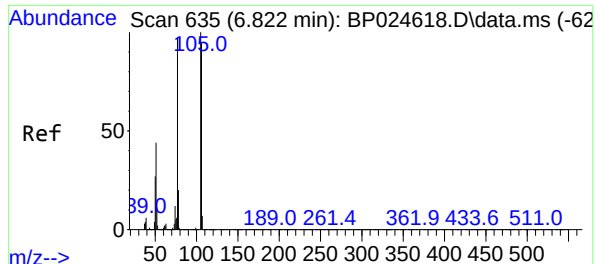
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

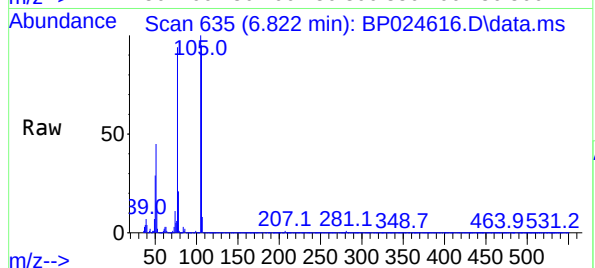
Tgt Ion:128 Resp: 57182
Ion Ratio Lower Upper
128 100
130 31.6 13.0 53.0
64 42.7 22.3 62.3





#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

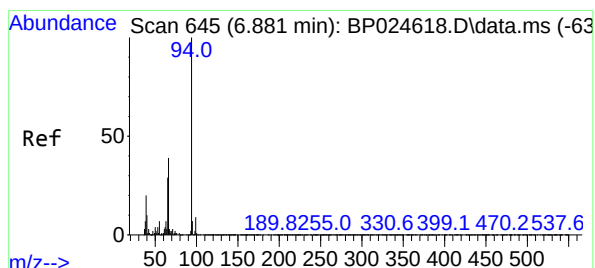
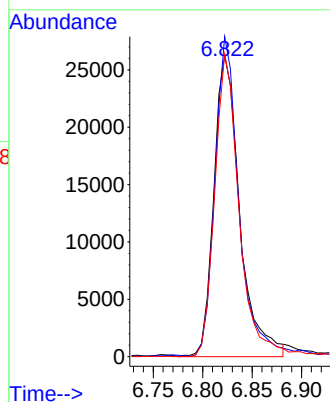
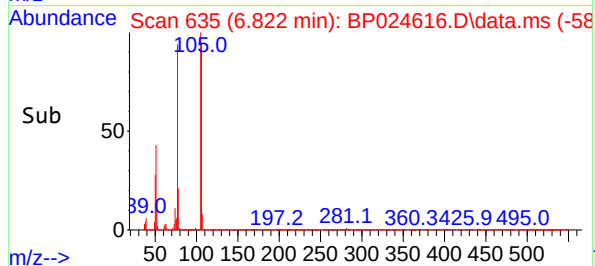
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

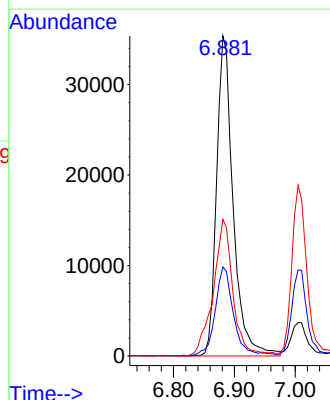
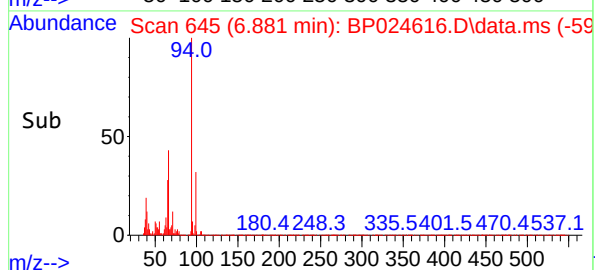
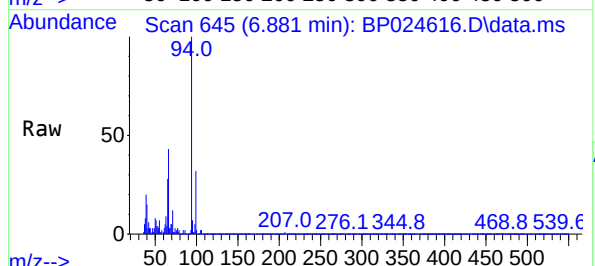
Manual Integrations
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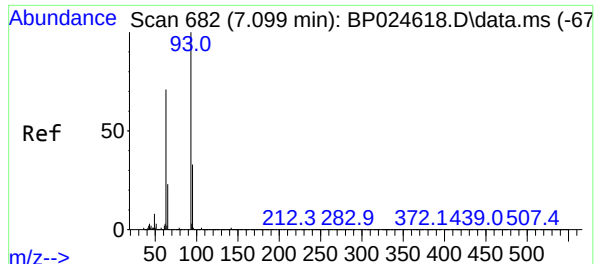
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

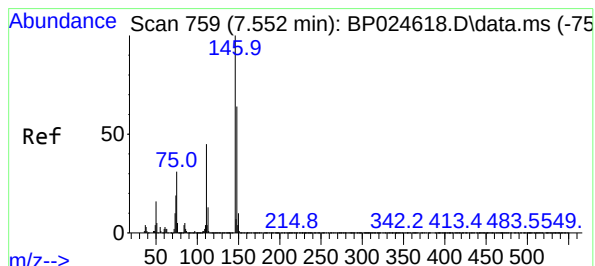
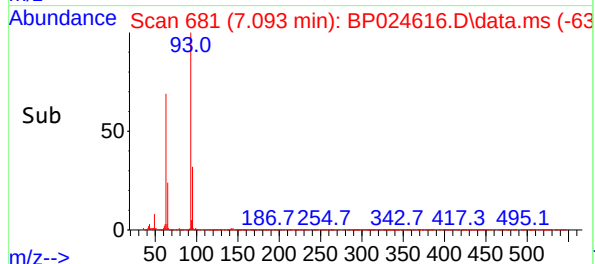
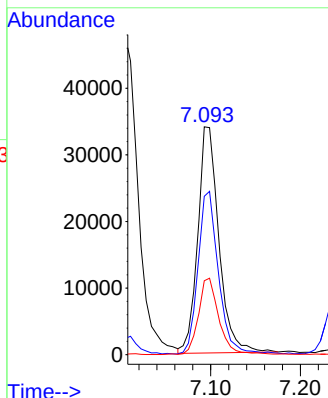
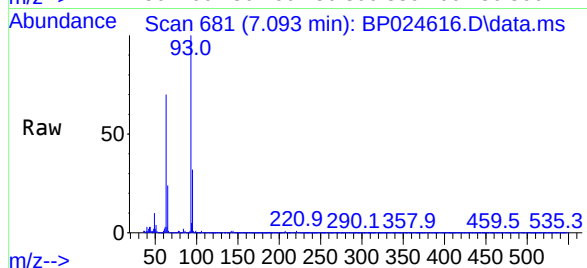
95 32.4 12.9 52.9

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

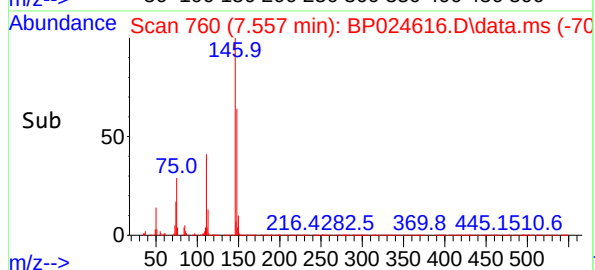
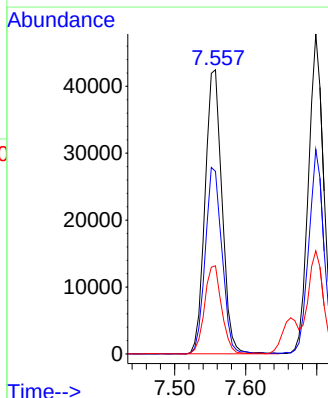
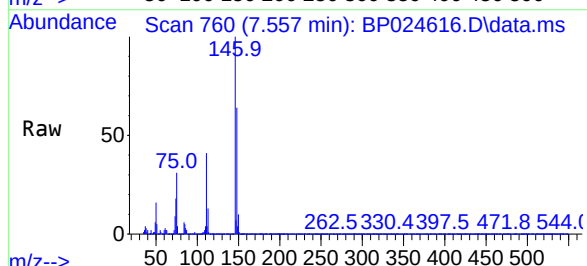
Tgt Ion:146 Resp: 70590

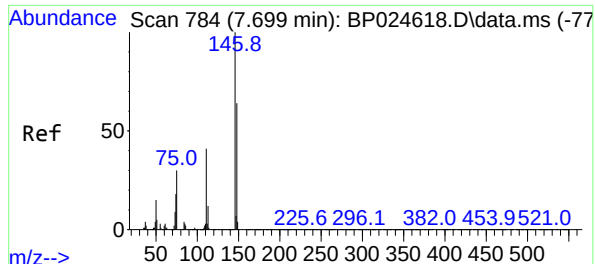
Ion Ratio Lower Upper

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

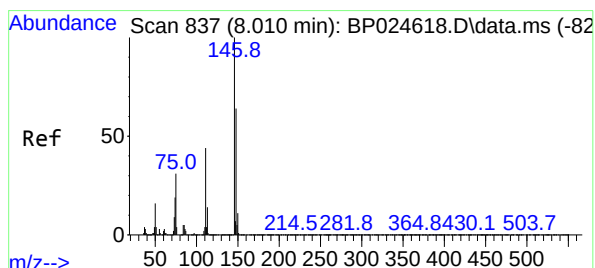
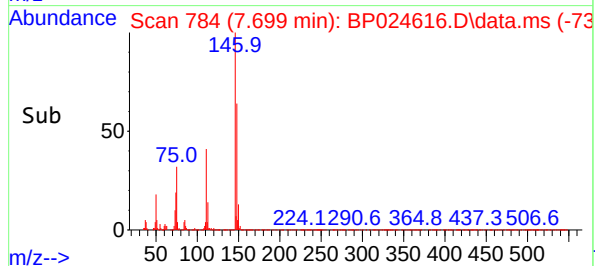
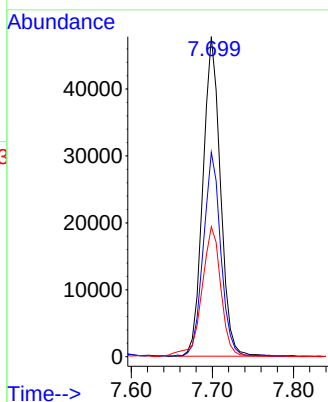
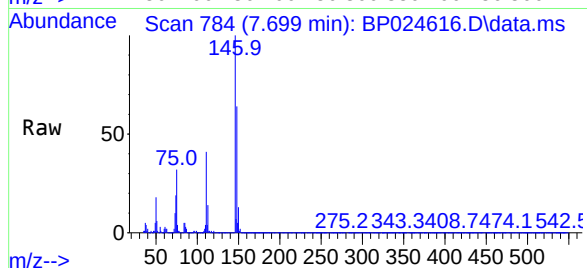
Tgt Ion:	146	Resp:	7146
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	40.6	33.0	49.6

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 9.80 ng

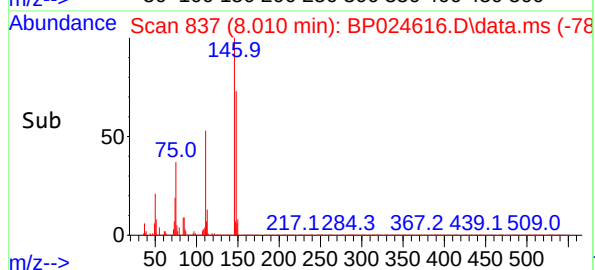
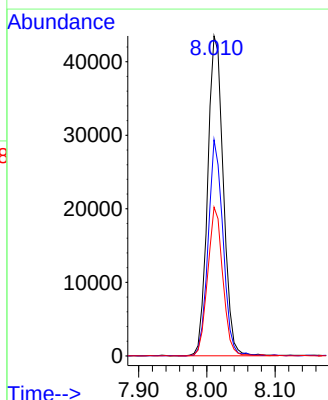
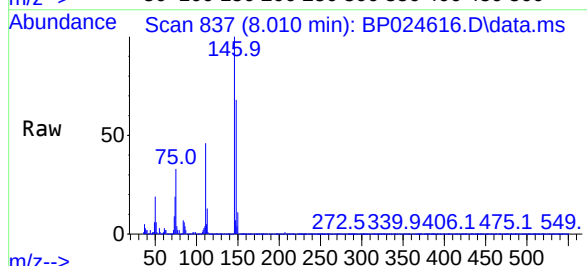
RT: 8.010 min Scan# 837

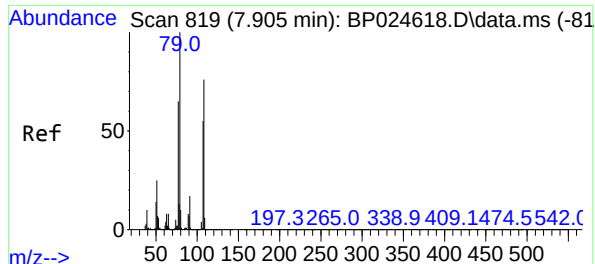
Delta R.T. -0.000 min

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

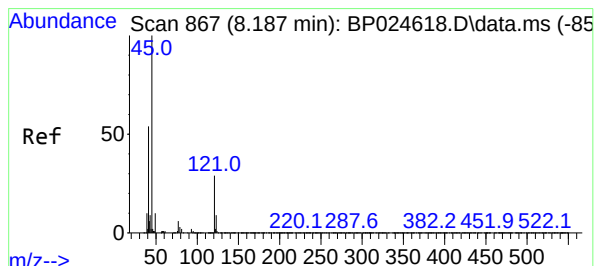
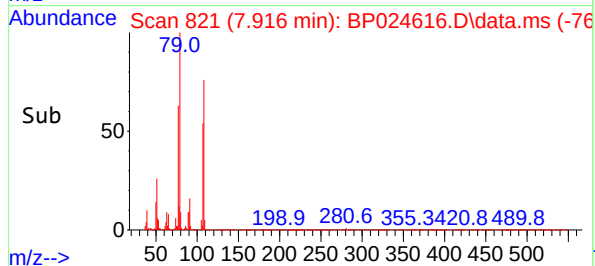
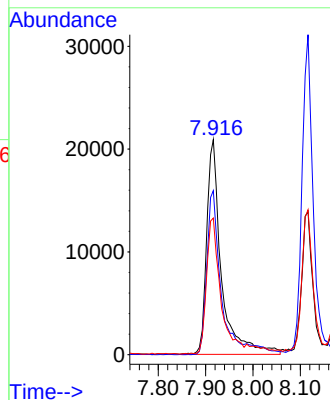
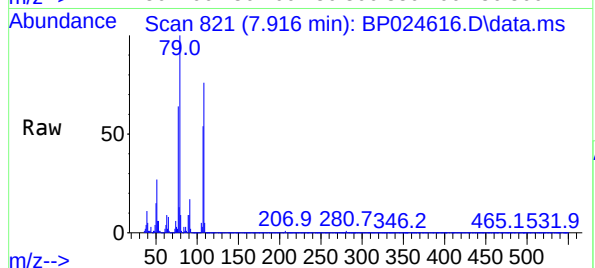
Tgt Ion: 79	Resp: 45094
Ion Ratio	Lower Upper
79 100	
108 76.3	60.8 91.2
77 63.5	51.9 77.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.53 ng

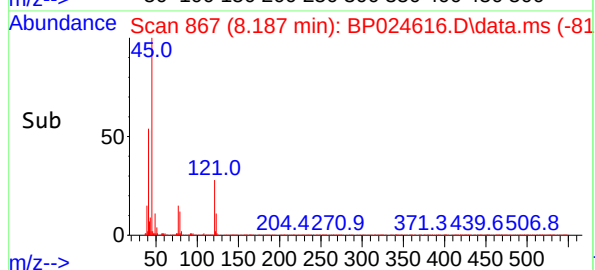
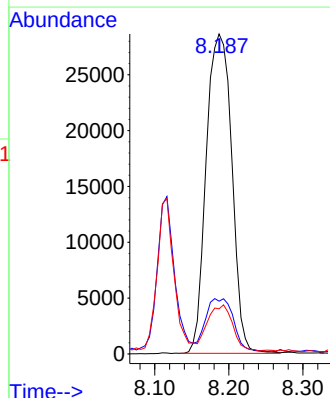
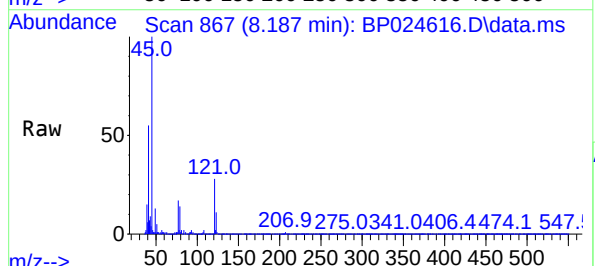
RT: 8.187 min Scan# 867

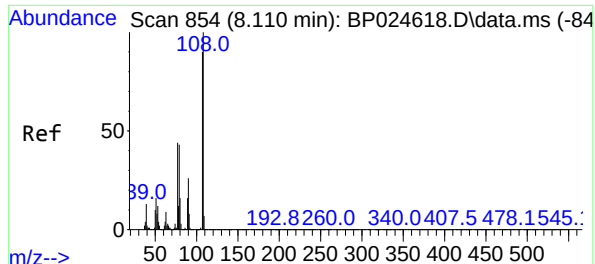
Delta R.T. -0.000 min

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# 8

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

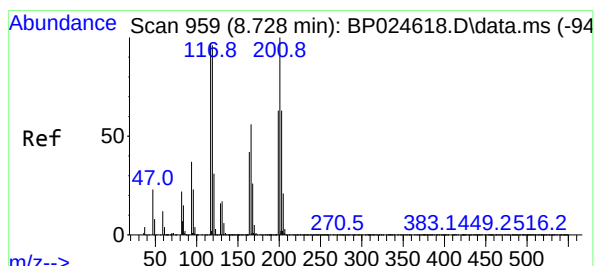
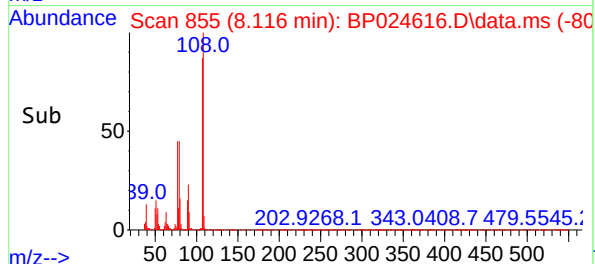
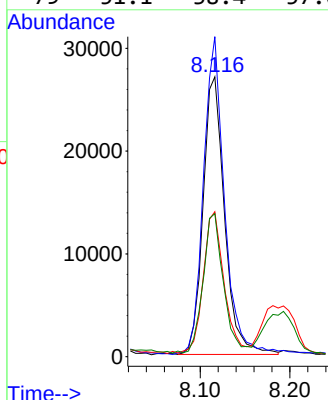
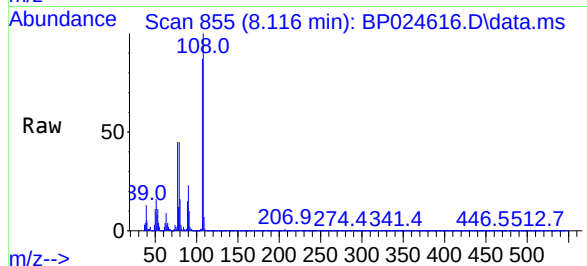
79 51.1 38.4 57.6

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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

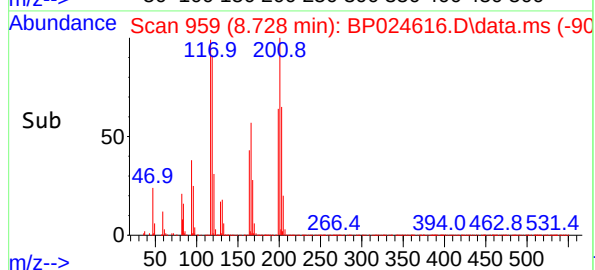
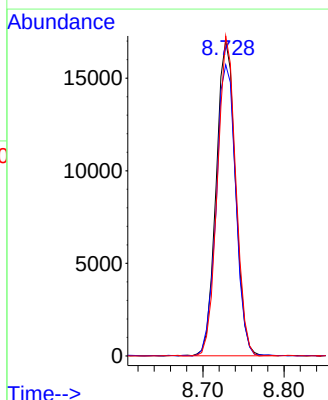
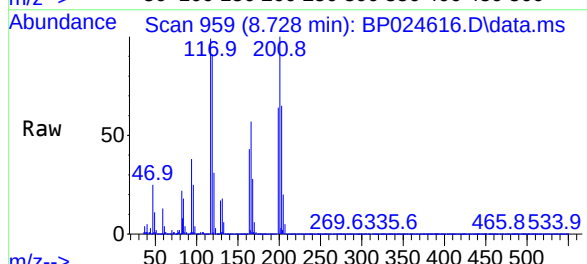
Tgt Ion:117 Resp: 28078

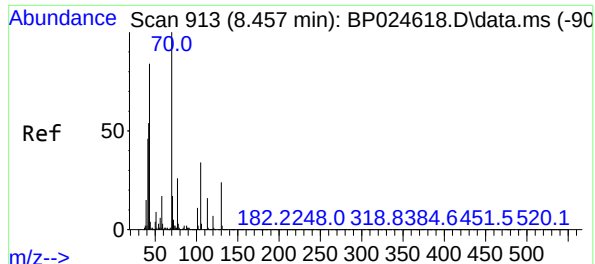
Ion Ratio Lower Upper

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

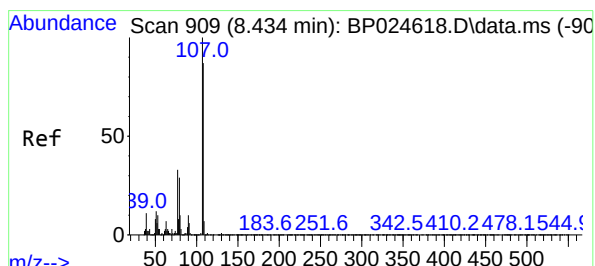
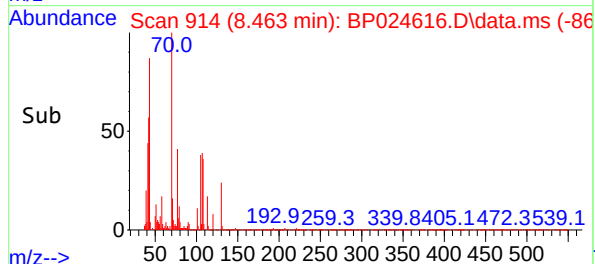
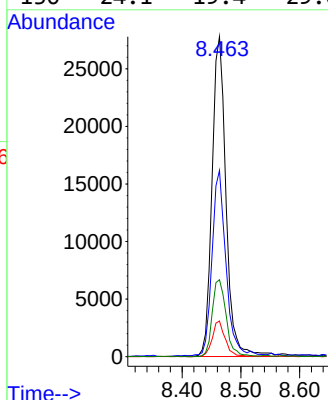
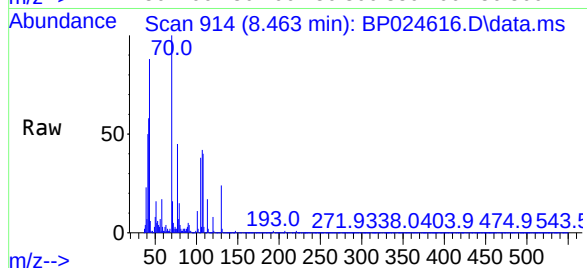
130 24.1 19.4 29.0

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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

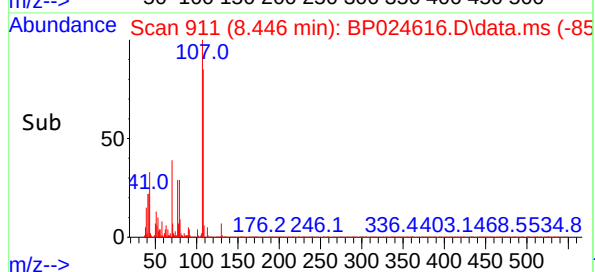
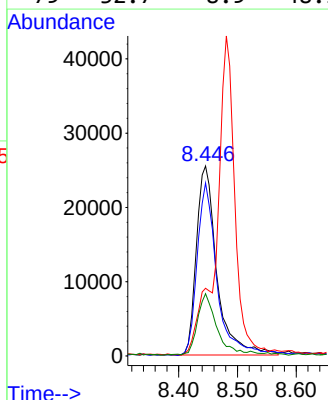
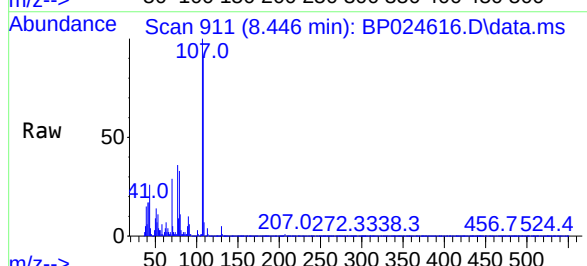
Ion Ratio Lower Upper

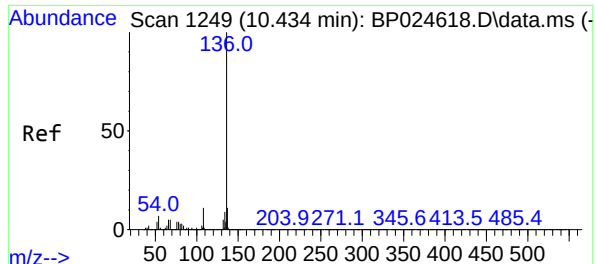
107 100

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

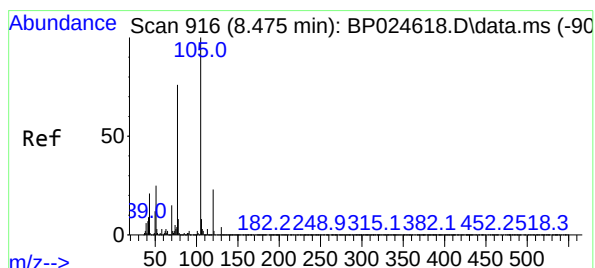
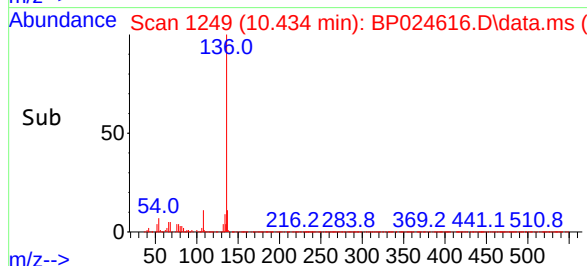
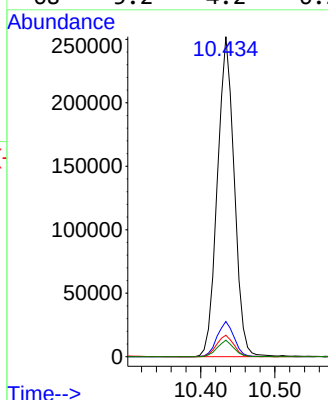
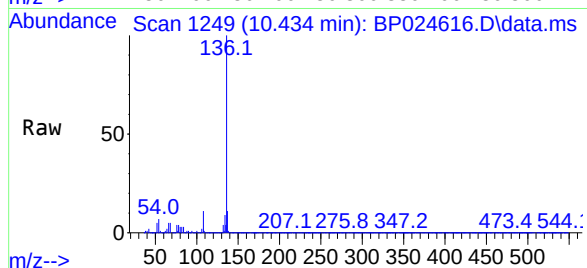
68 5.2 4.2 6.2

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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

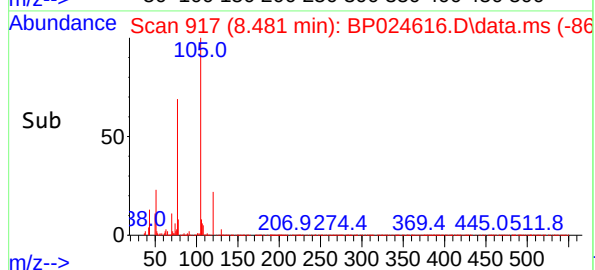
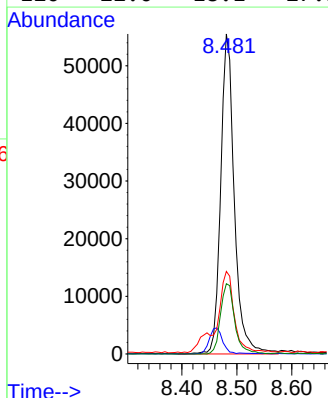
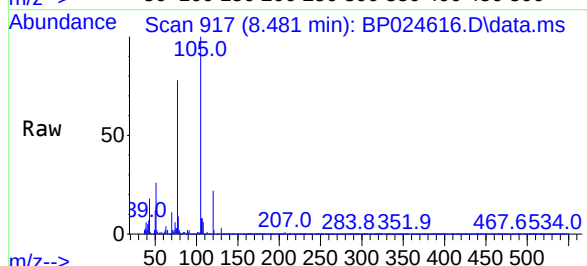
Ion Ratio Lower Upper

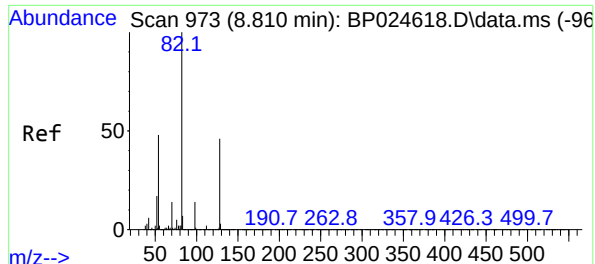
105 100

71 1.9 2.0 3.0#

51 25.8 20.4 30.6

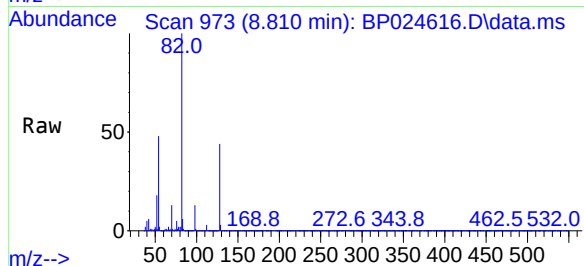
120 22.0 18.1 27.1





#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

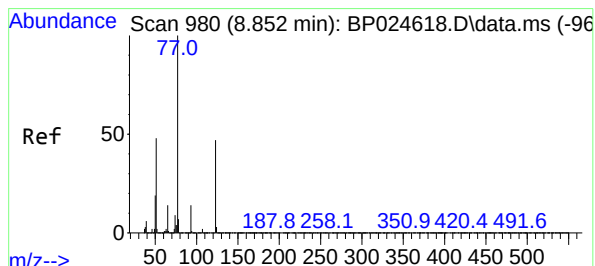
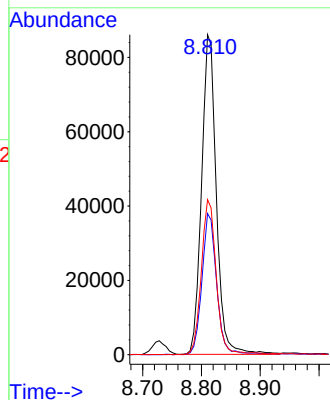
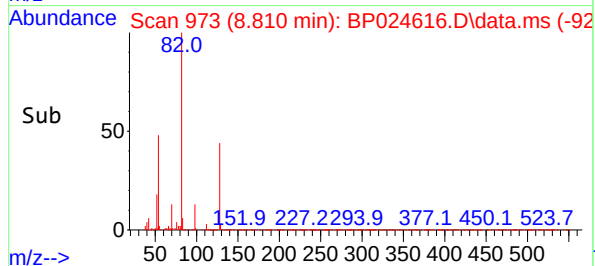
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

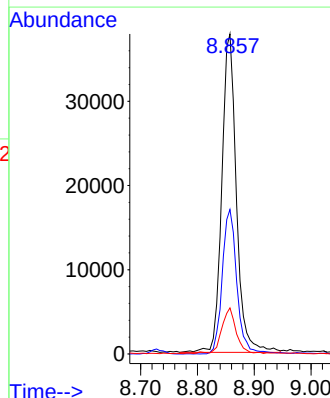
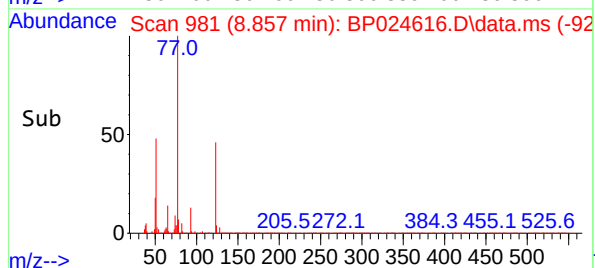
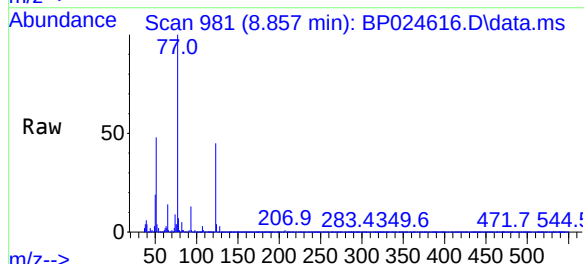
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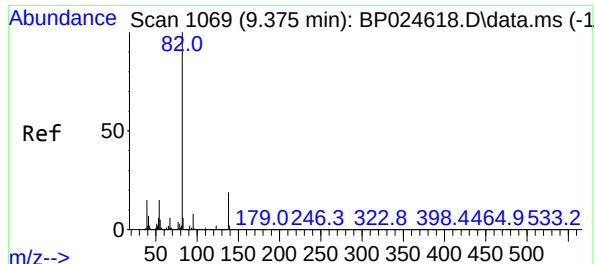
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

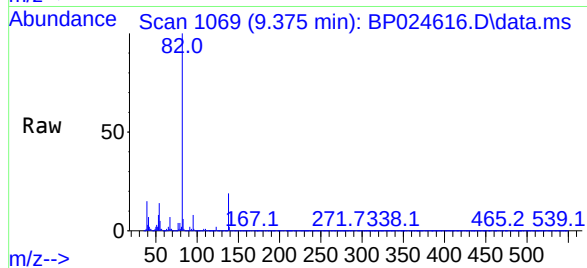
Tgt Ion: 77 Resp: 67735
Ion Ratio Lower Upper
77 100
123 45.2 37.4 56.0
65 14.4 11.3 16.9





#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

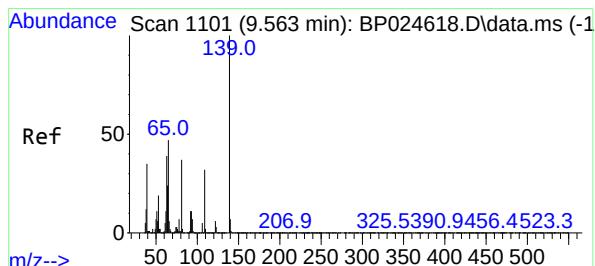
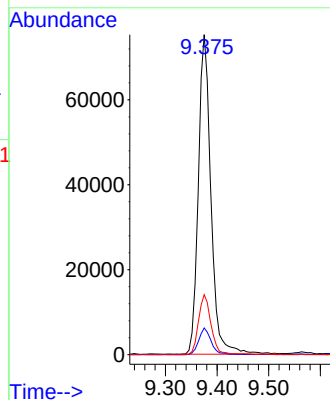
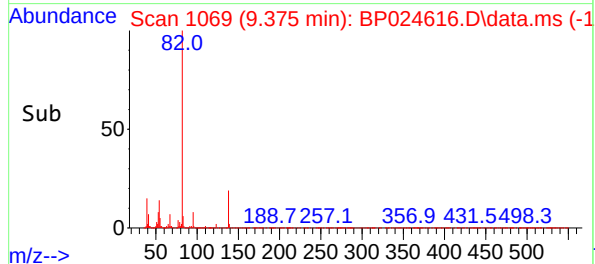
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

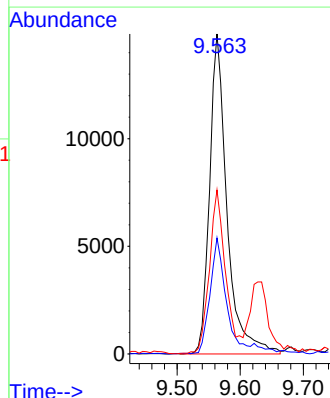
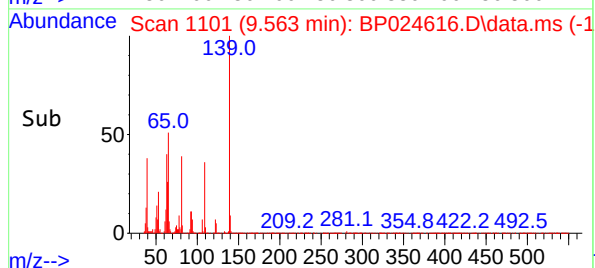
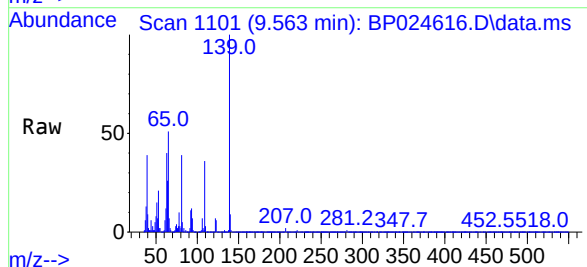
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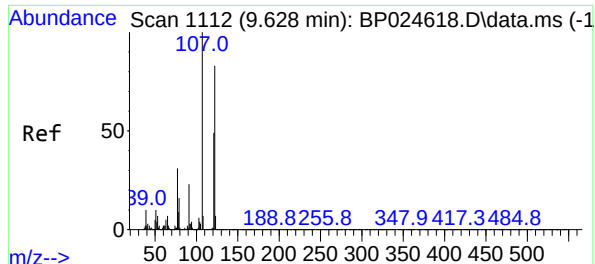
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

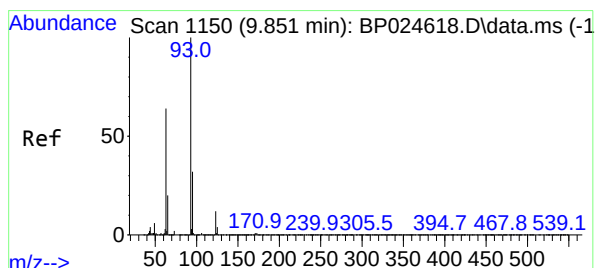
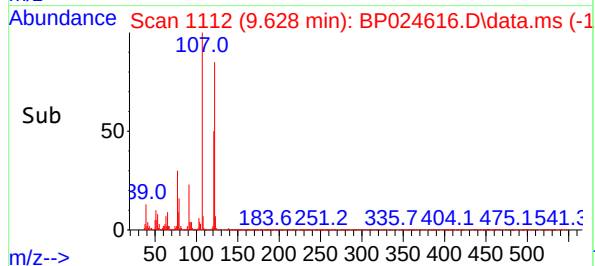
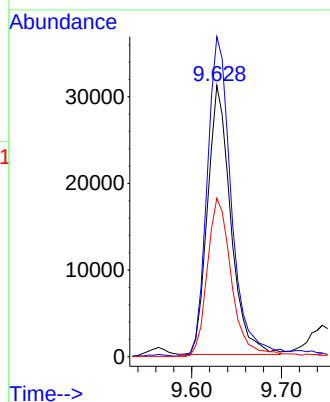
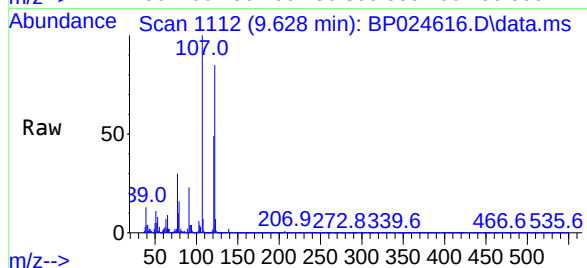
Tgt Ion:	122	Resp:	5566
Ion	Ratio	Lower	Upper
122	100		
107	118.0	96.2	144.2
121	58.4	47.6	71.4

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Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.54 ng

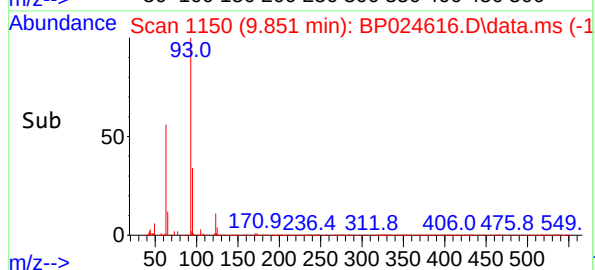
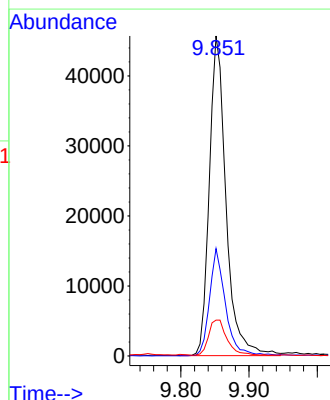
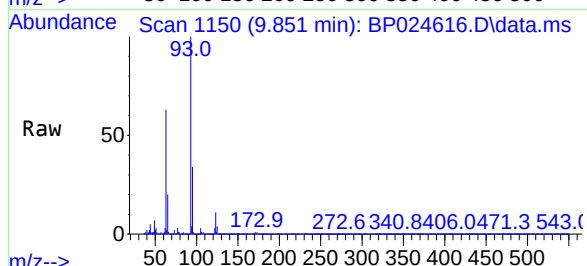
RT: 9.851 min Scan# 1150

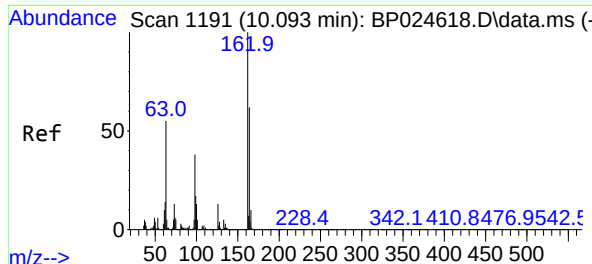
Delta R.T. -0.000 min

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





#29

2,4-Dichlorophenol

Concen: 8.84 ng

RT: 10.110 min Scan# 1194

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

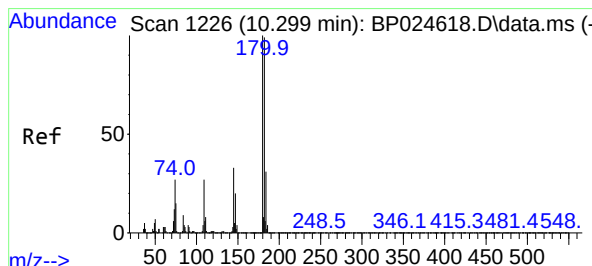
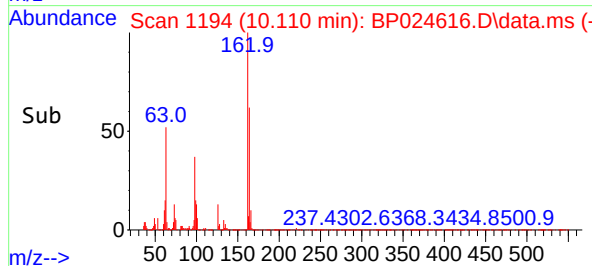
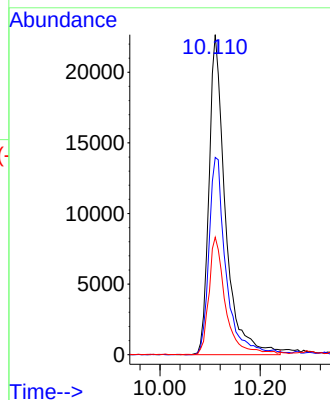
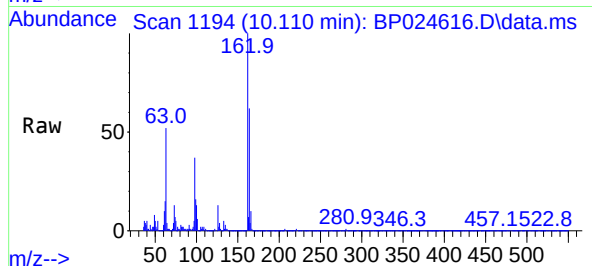
98 36.7 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#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

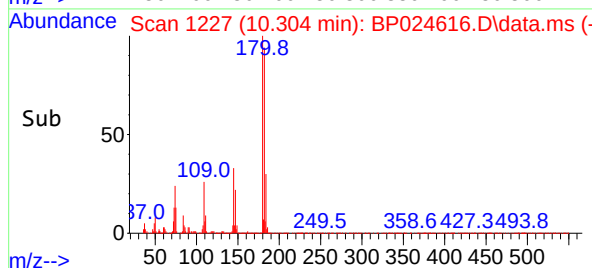
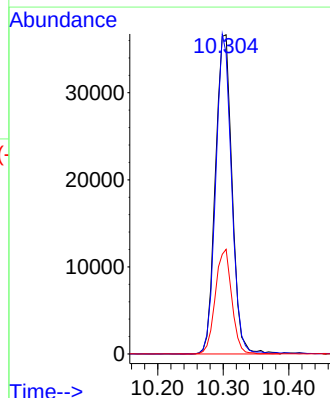
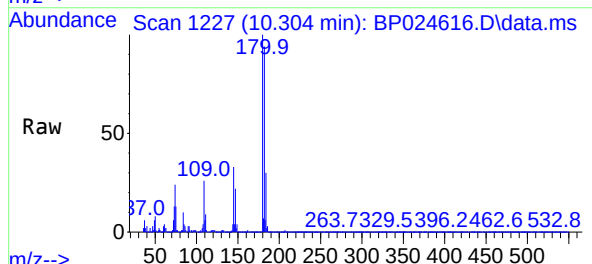
Tgt Ion:180 Resp: 64245

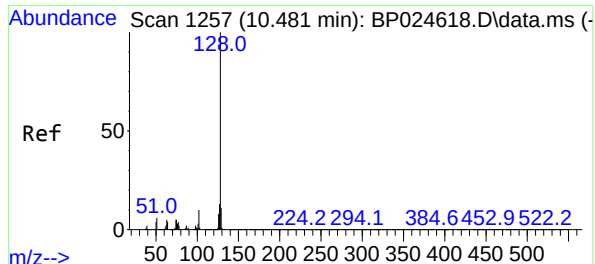
Ion Ratio Lower Upper

180 100

182 94.1 79.0 118.4

145 32.8 26.6 39.8





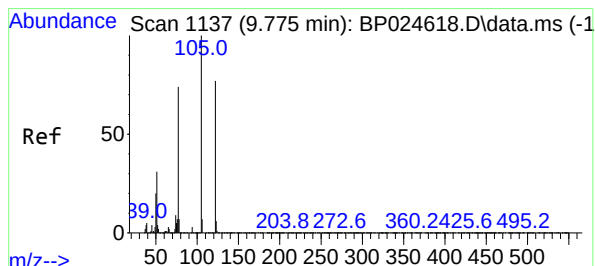
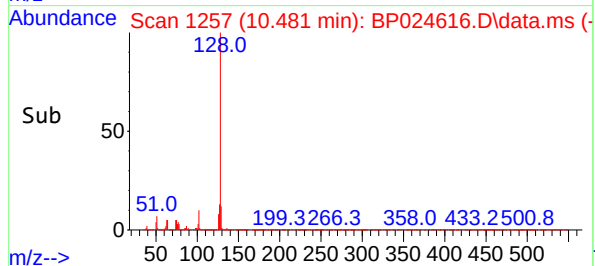
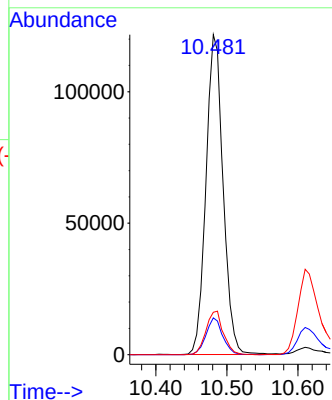
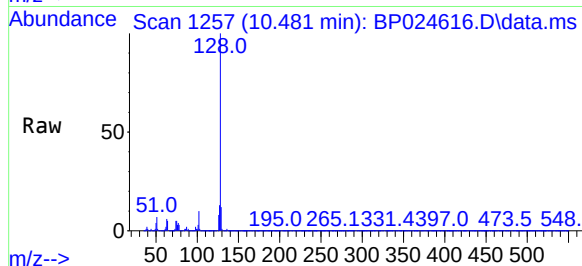
#31
Naphthalene
Concen: 9.90 ng
RT: 10.481 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

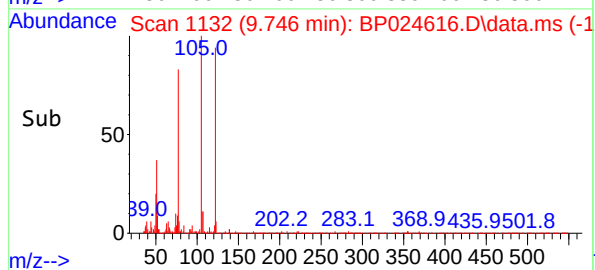
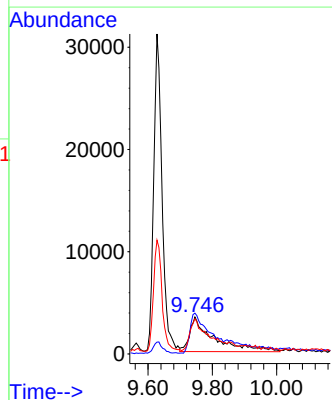
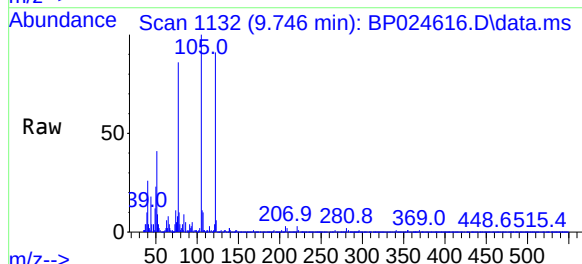
Manual Integrations
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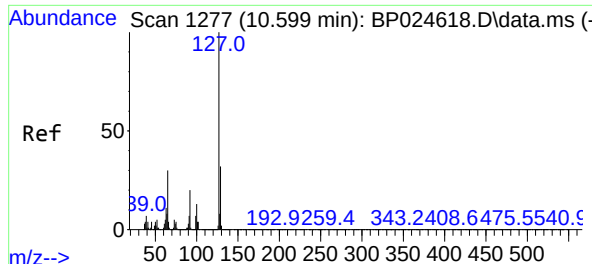
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

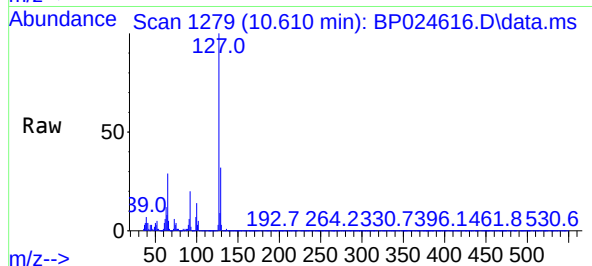
Tgt Ion:122 Resp: 17770
Ion Ratio Lower Upper
122 100
105 110.3 106.9 146.9
77 95.0 75.1 115.1





#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

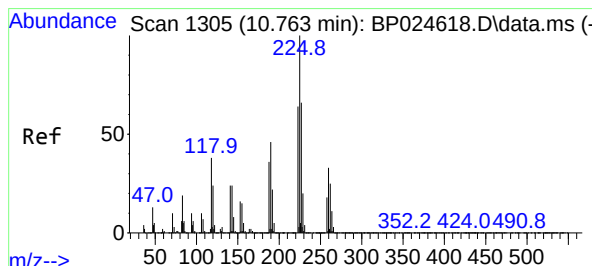
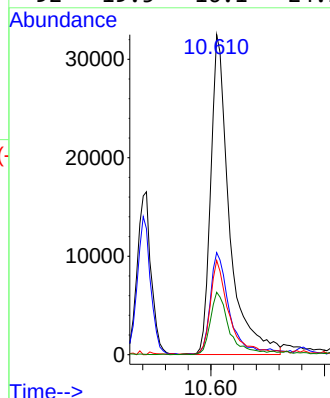
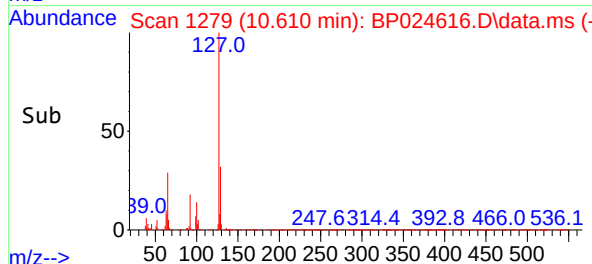
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

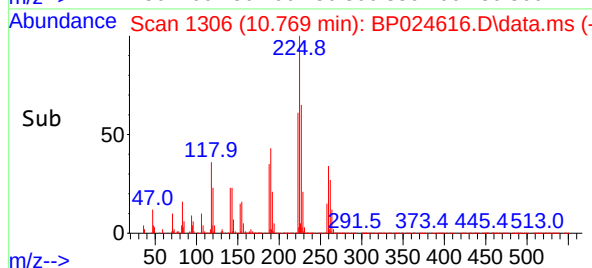
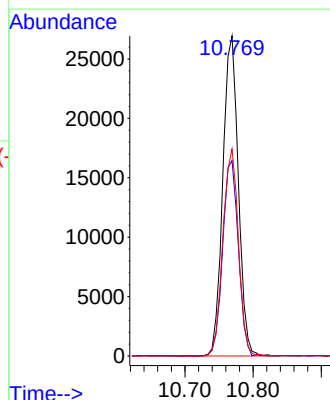
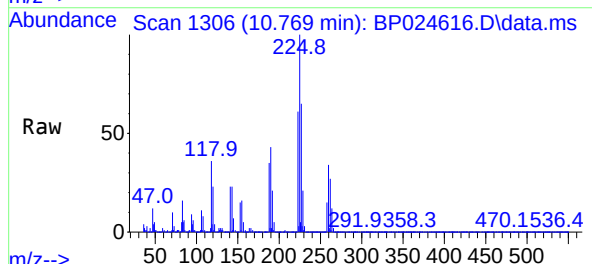
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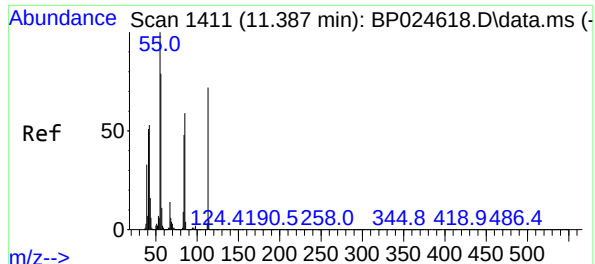
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

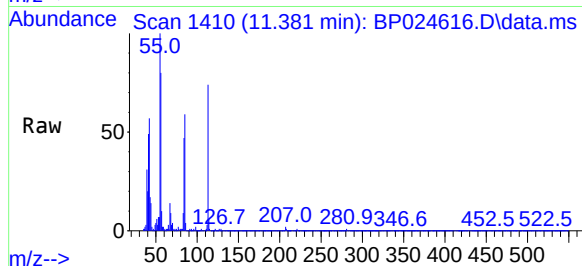
Tgt Ion:225 Resp: 42567
Ion Ratio Lower Upper
225 100
223 61.0 51.0 76.6
227 64.7 53.1 79.7





#35
Caprolactam
Concen: 8.68 ng/ml
RT: 11.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

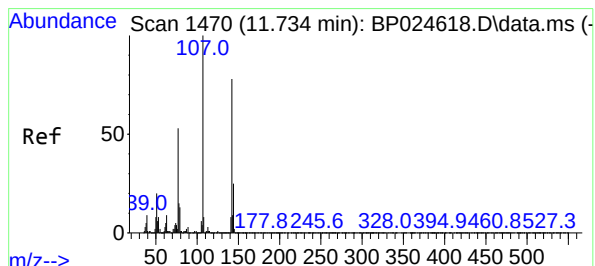
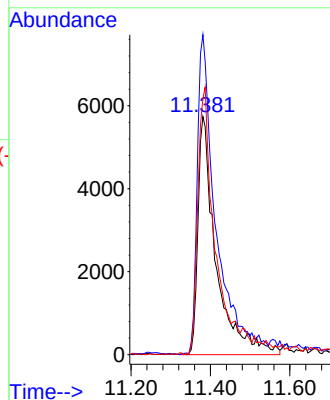
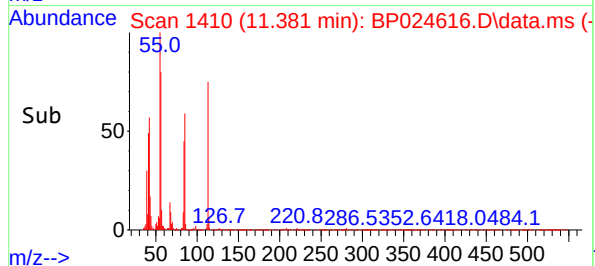
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

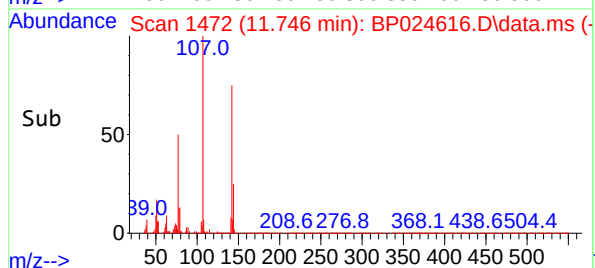
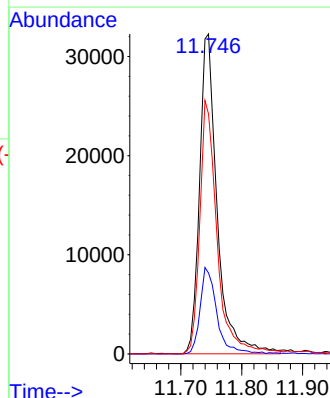
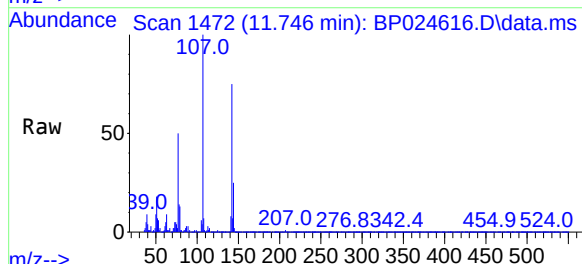
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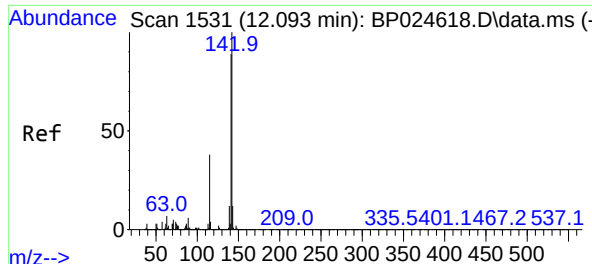
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#36
4-Chloro-3-methylphenol
Concen: 9.15 ng/ml
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





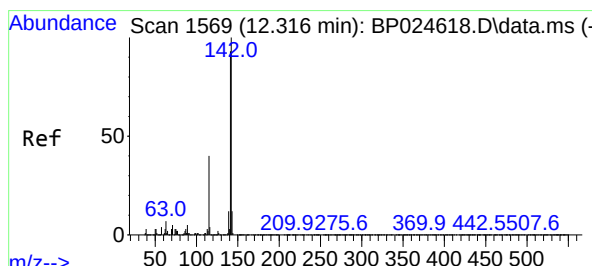
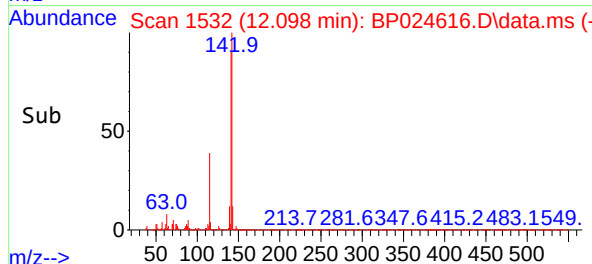
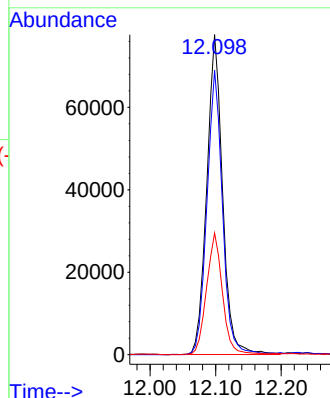
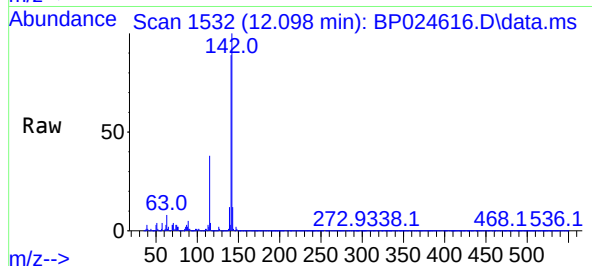
#37
2-Methylnaphthalene
Concen: 9.75 ng
RT: 12.098 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

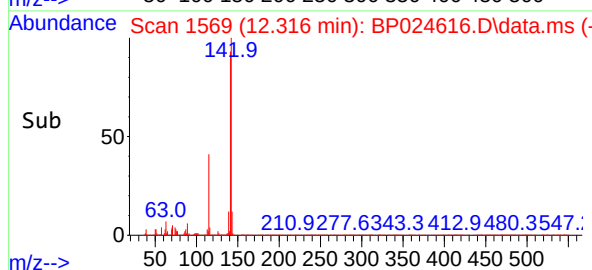
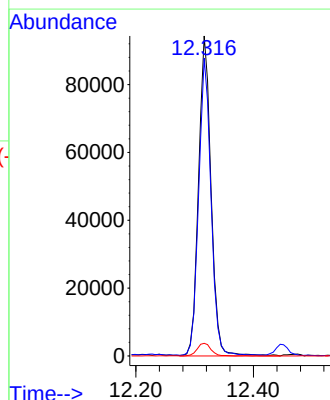
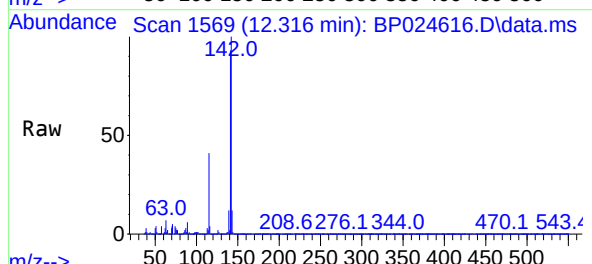
Manual Integrations
APPROVED

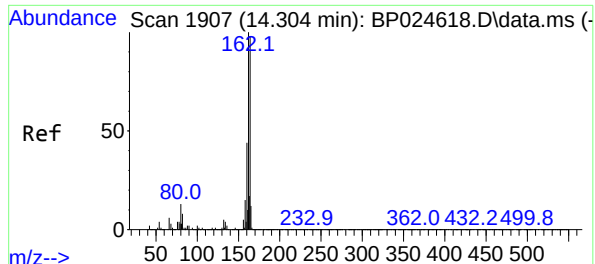
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

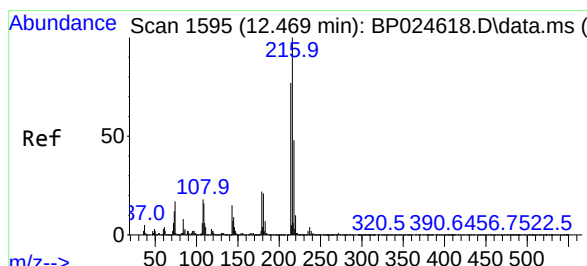
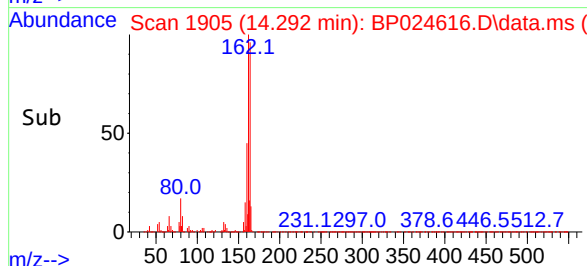
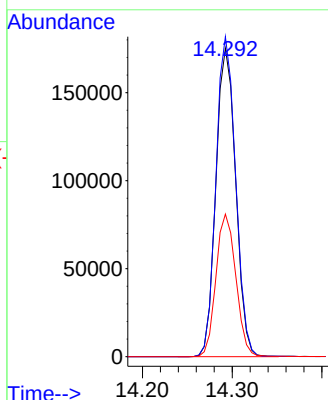
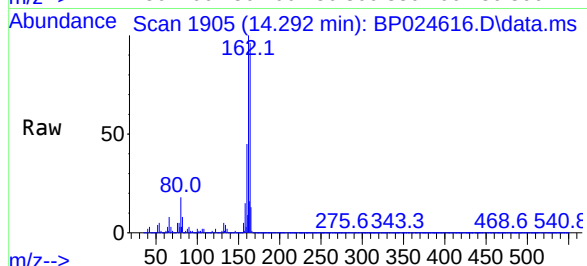
160 46.2 36.3 54.5

Manual Integrations

APPROVED

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

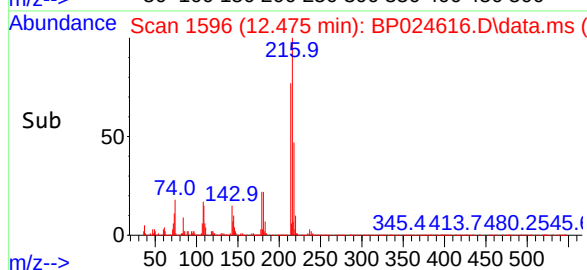
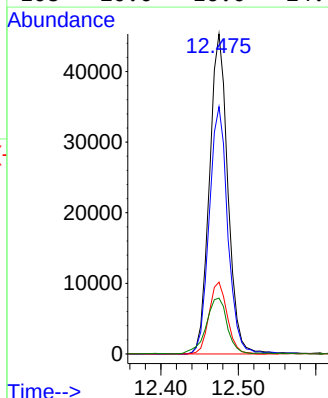
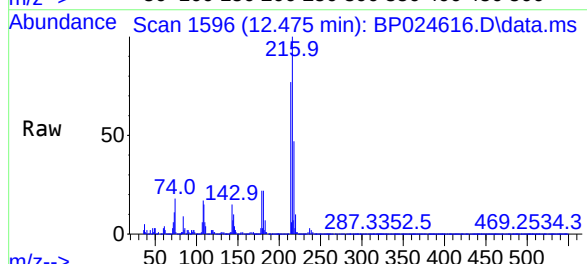
Ion Ratio Lower Upper

216 100

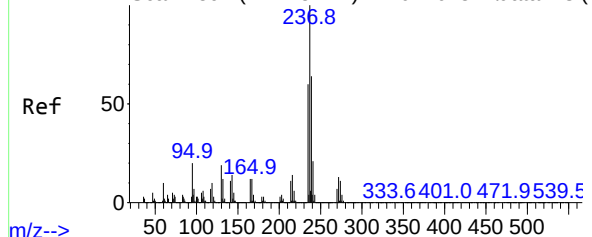
214 77.9 62.3 93.5

179 22.2 17.7 26.5

108 20.0 16.0 24.0



Abundance Scan 1591 (12.445 min): BP024618.D\data.ms (-

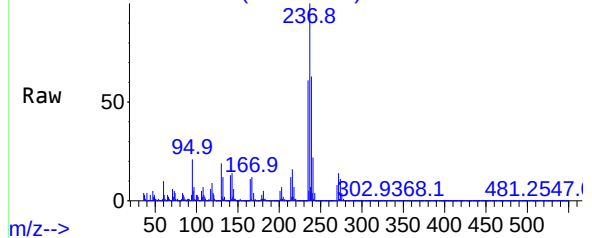


#41
Hexachlorocyclopentadiene
Concen: 7.85 ng
RT: 12.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

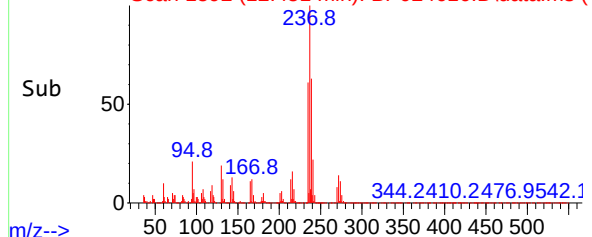
m/z-->

Abundance Scan 1592 (12.451 min): BP024616.D\data.ms (-



m/z-->

Abundance Scan 1592 (12.451 min): BP024616.D\data.ms (-

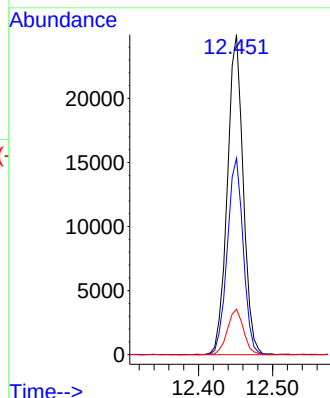


m/z-->

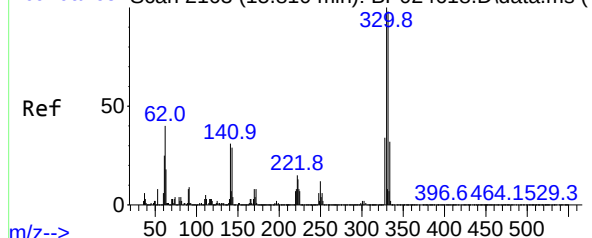
Tgt Ion: 237 Resp: 37072
Ion Ratio Lower Upper
237 100
235 61.4 39.9 79.9
272 14.2 0.0 33.2

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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

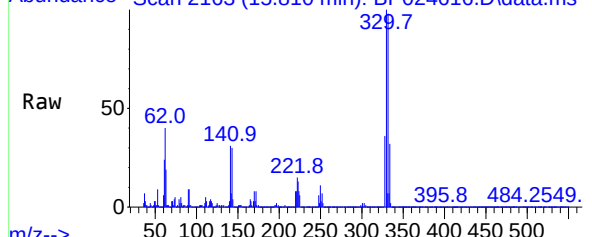


Abundance Scan 2163 (15.810 min): BP024618.D\data.ms (-



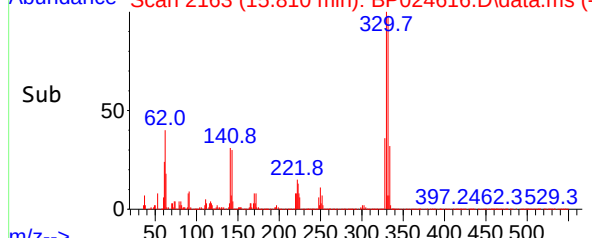
m/z-->

Abundance Scan 2163 (15.810 min): BP024616.D\data.ms (-



m/z-->

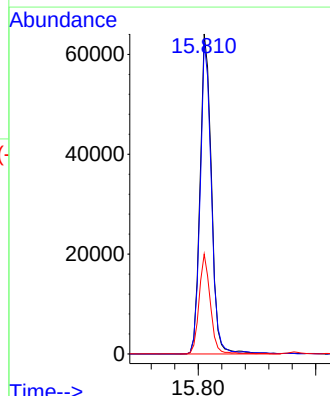
Abundance Scan 2163 (15.810 min): BP024616.D\data.ms (-

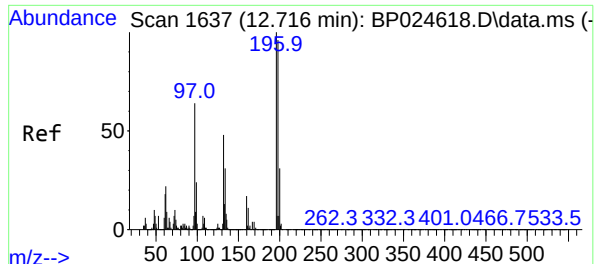


m/z-->

#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

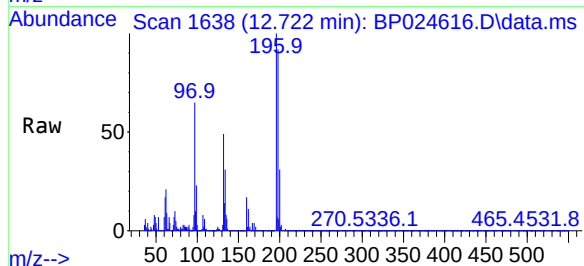
Tgt Ion: 330 Resp: 86099
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.4
141 30.5 24.3 36.5





#43
2,4,6-Trichlorophenol
Concen: 9.07 ng
RT: 12.722 min Scan# 1637
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

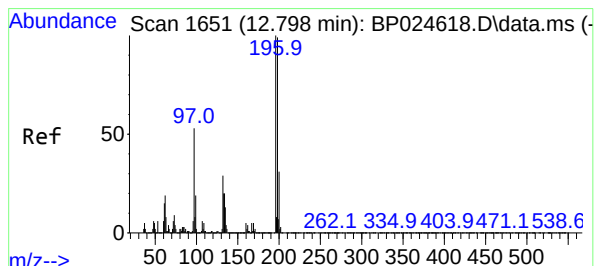
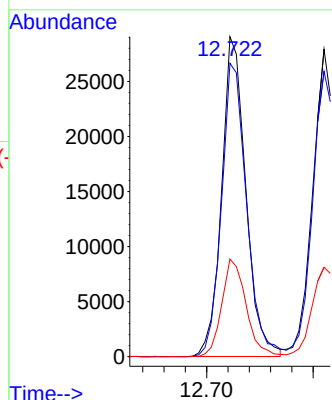
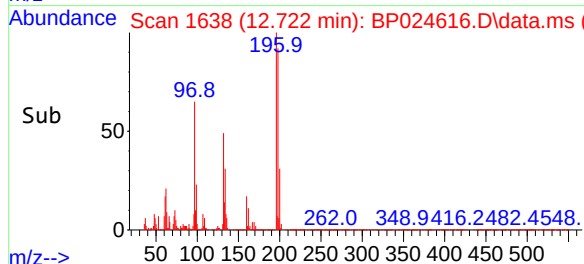
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



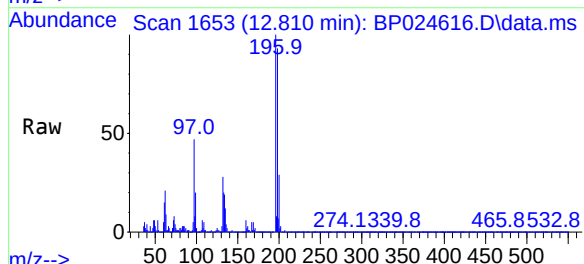
Tgt Ion:196 Resp: 45798
Ion Ratio Lower Upper
196 100
198 91.7 76.9 115.3
200 30.5 25.2 37.8

Manual Integrations
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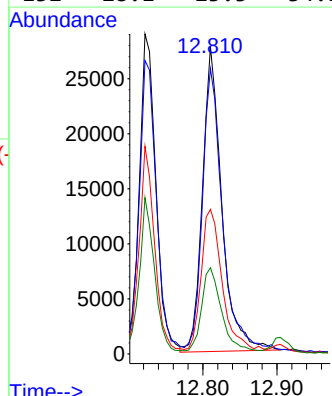
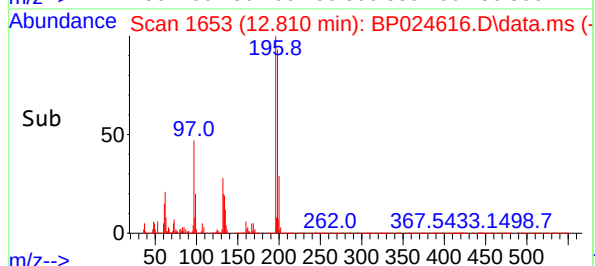
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

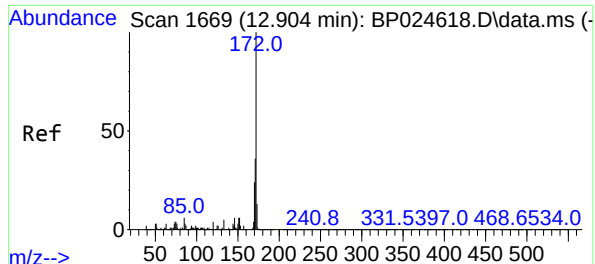


#44
2,4,5-Trichlorophenol
Concen: 8.96 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



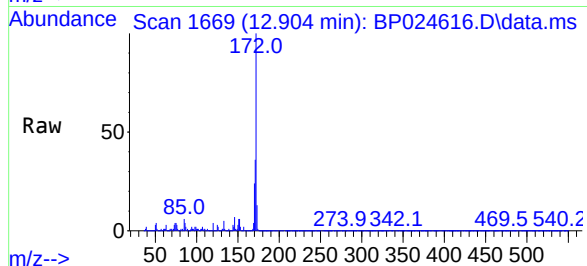
Tgt Ion:196 Resp: 50348
Ion Ratio Lower Upper
196 100
198 92.8 79.2 118.8
97 47.0 42.3 63.5
132 28.1 23.3 34.9





#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

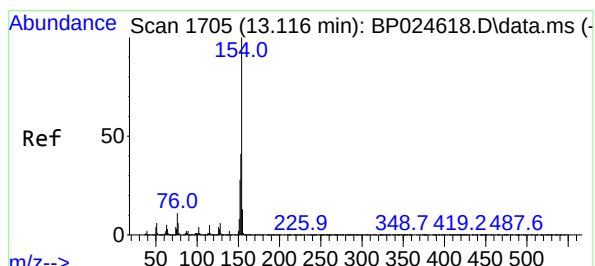
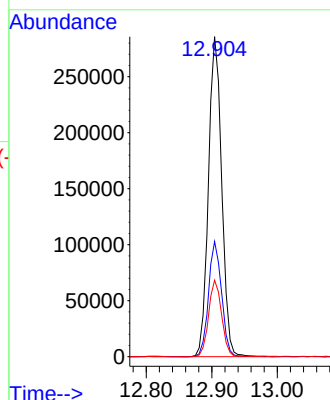
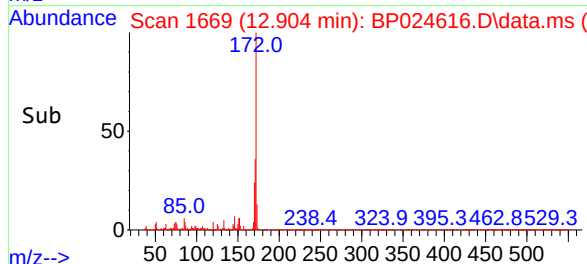
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



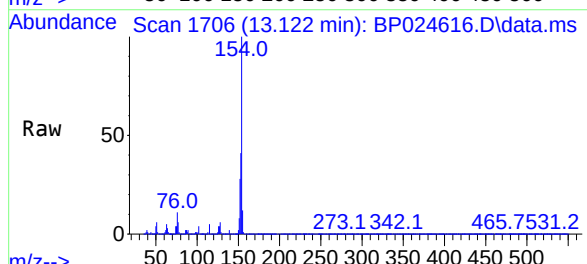
Tgt Ion:172 Resp: 401980
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.9 18.8 28.2

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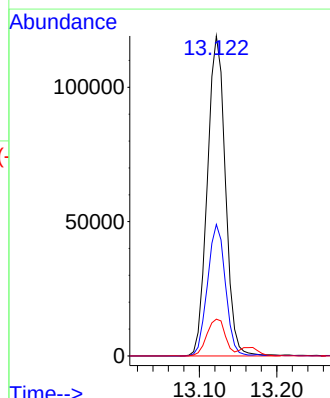
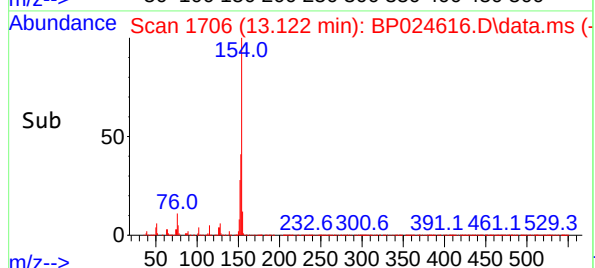
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

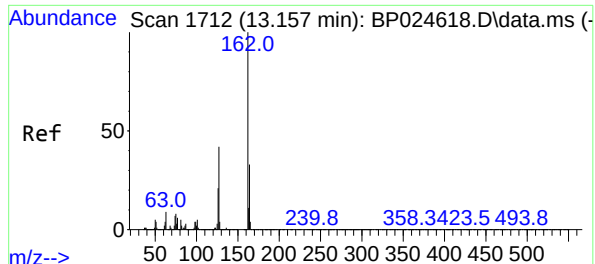


#46
1,1'-Biphenyl
Concen: 9.70 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



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

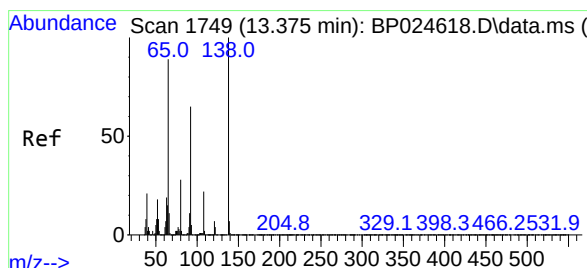
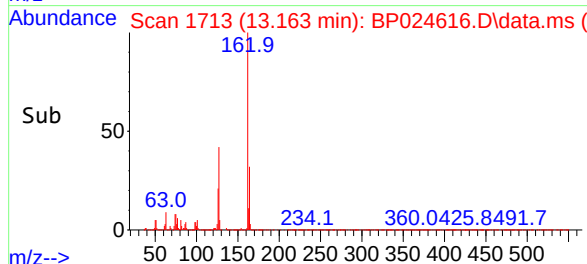
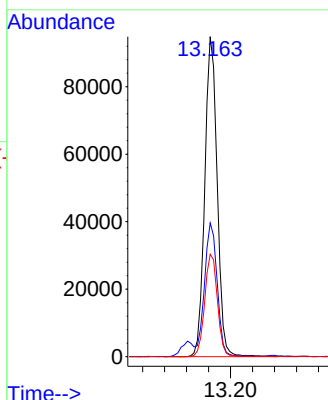
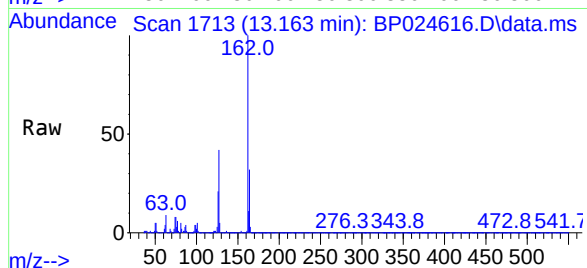
164 32.0 26.0 39.0

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

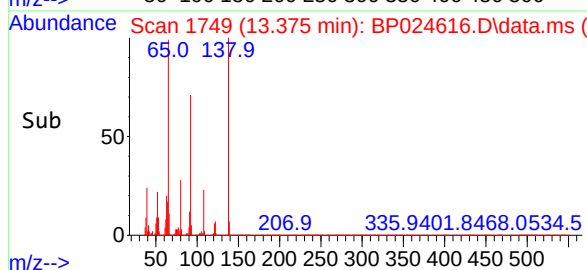
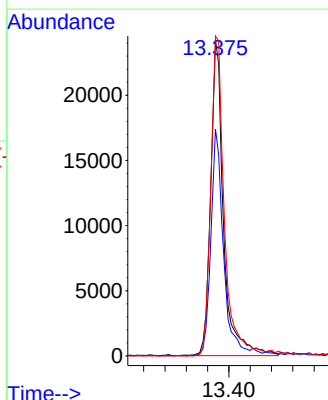
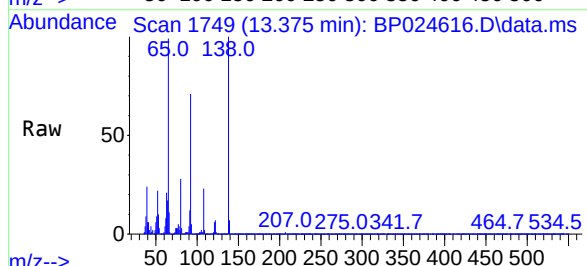
Tgt Ion: 65 Resp: 40786

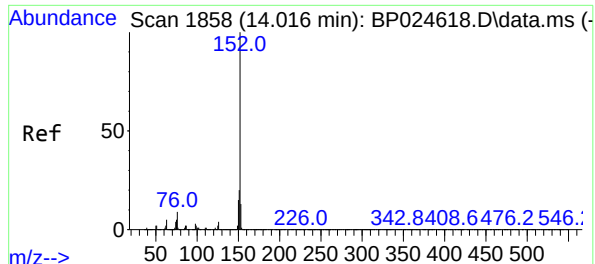
Ion Ratio Lower Upper

65 100

92 71.8 58.7 88.1

138 101.2 90.2 135.2





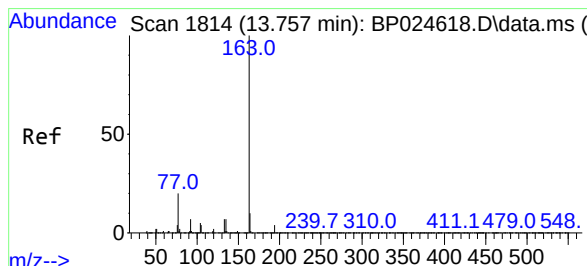
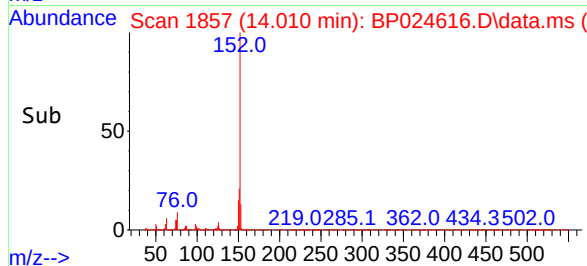
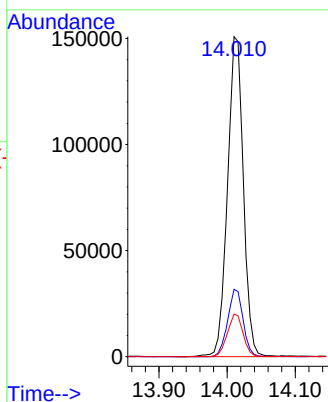
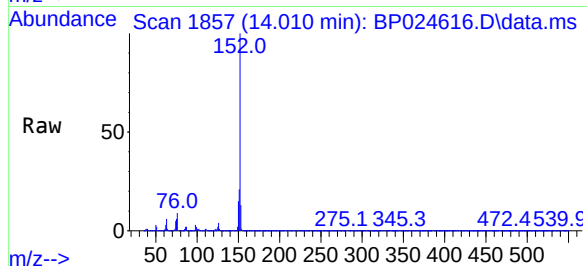
#49
Acenaphthylene
Concen: 9.64 ng
RT: 14.010 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

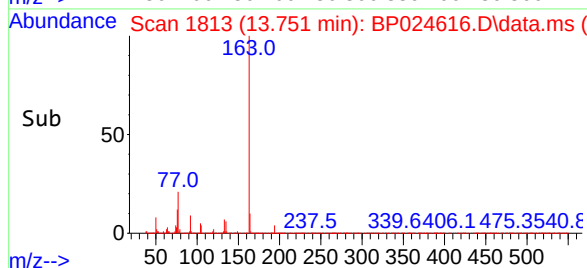
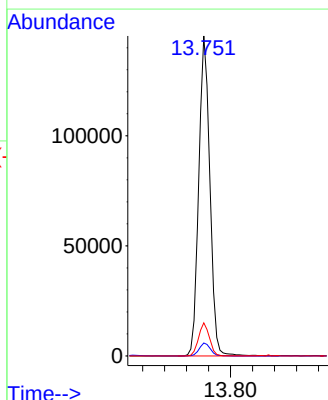
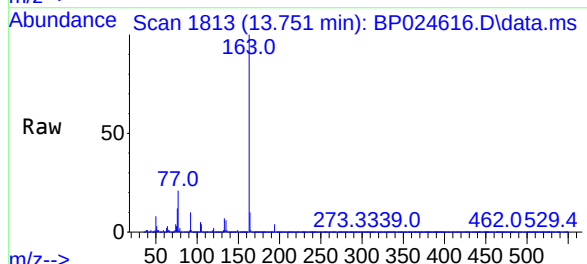
Manual Integrations
APPROVED

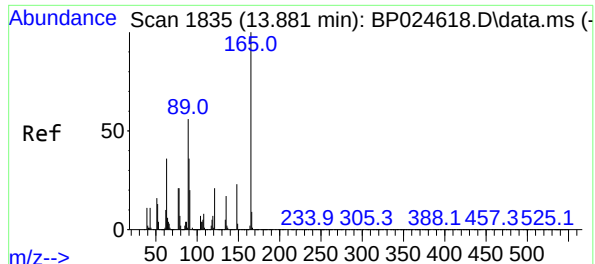
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

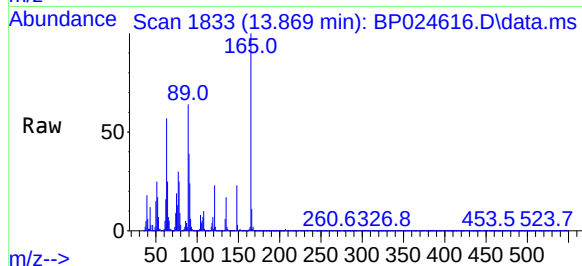
Tgt Ion:163 Resp: 204825
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1





#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

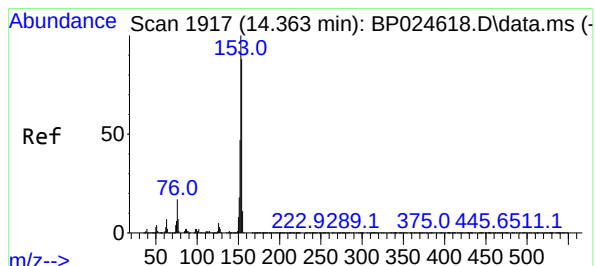
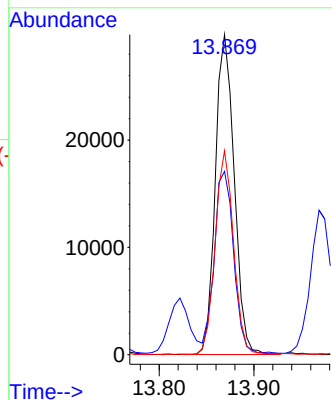
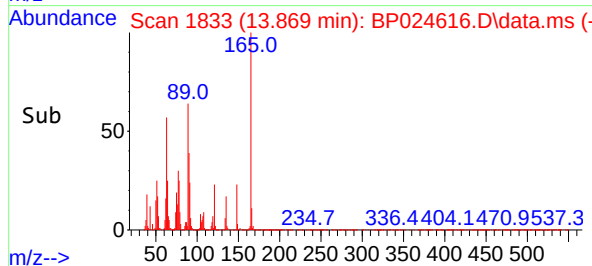
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



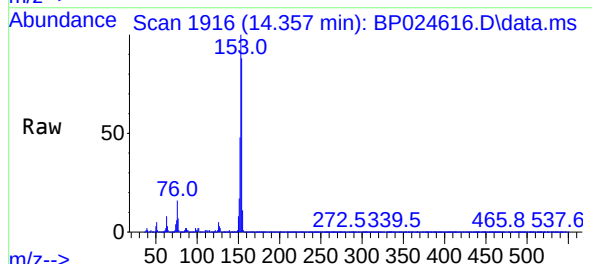
Tgt Ion:165 Resp: 4125
Ion Ratio Lower Upper
165 100
63 57.3 42.4 63.6
89 63.7 44.8 67.2

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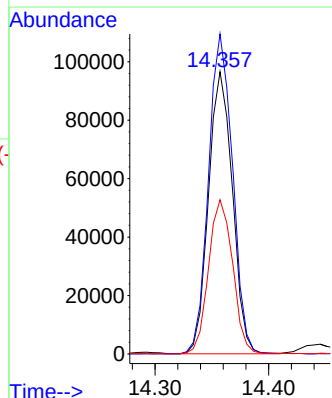
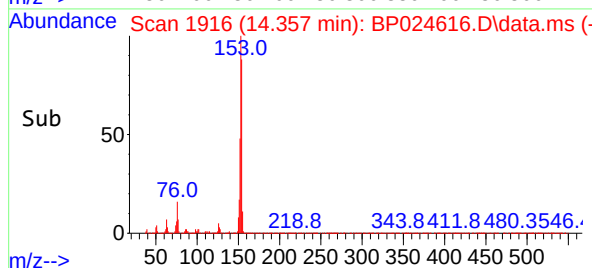
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

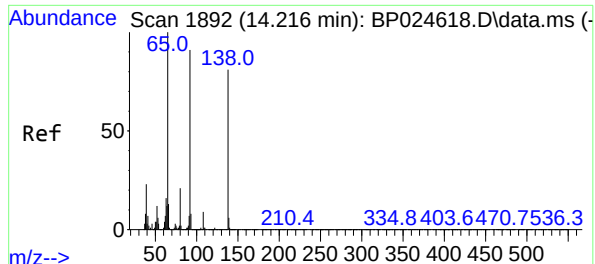


#52
Acenaphthene
Concen: 9.72 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



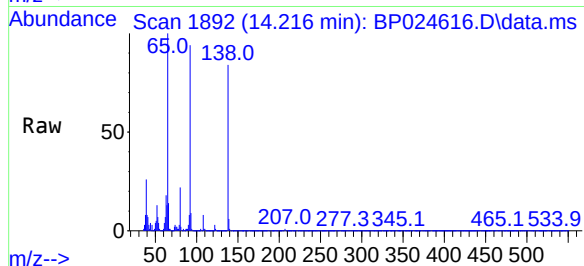
Tgt Ion:154 Resp: 141360
Ion Ratio Lower Upper
154 100
153 113.4 91.0 136.4
152 54.6 42.9 64.3





#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

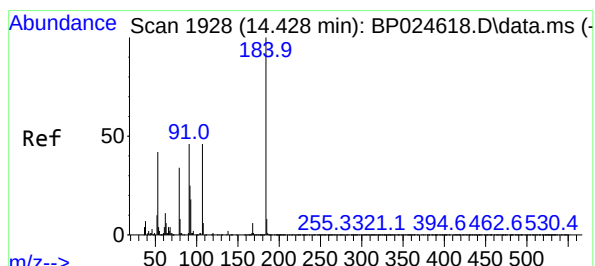
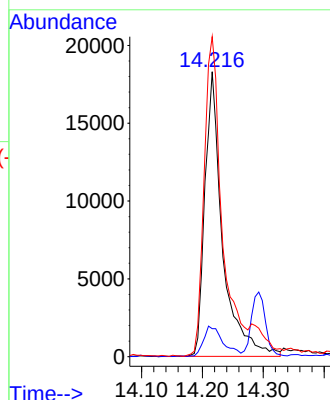
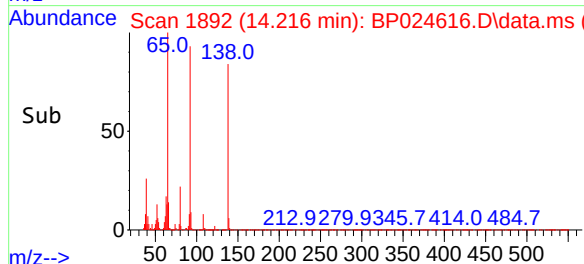
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

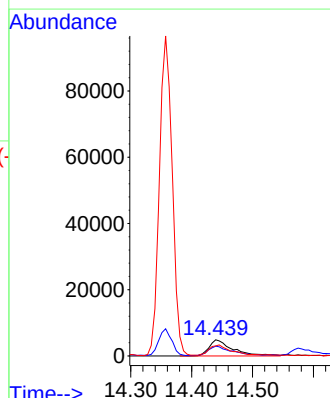
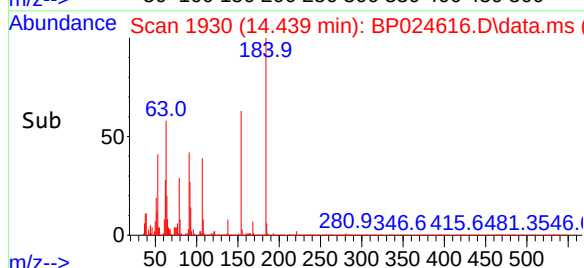
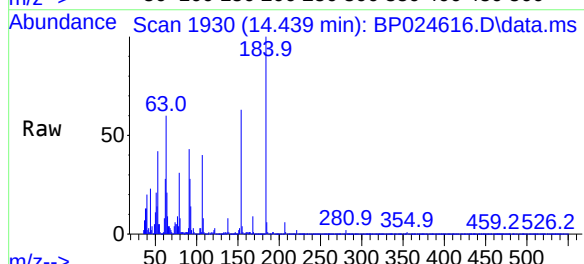
Manual Integrations
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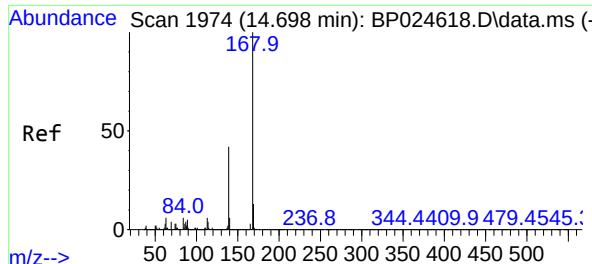
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

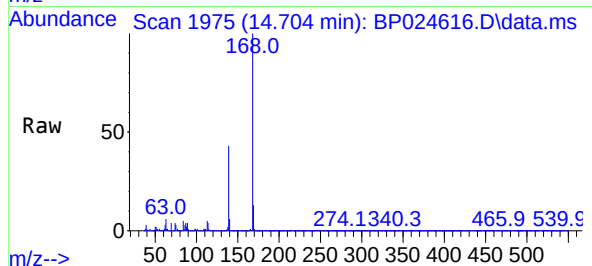
Tgt Ion:184 Resp: 13128
Ion Ratio Lower Upper
184 100
63 60.3 51.3 76.9
154 62.9 53.5 80.3





#55
Dibenzenofuran
Concen: 9.92 ng
RT: 14.704 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

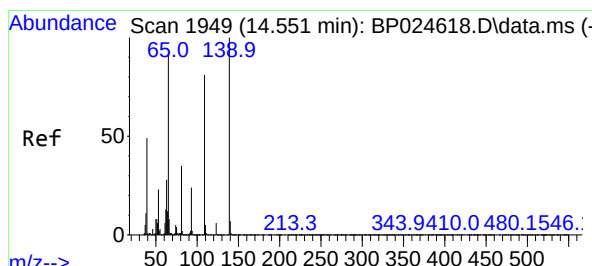
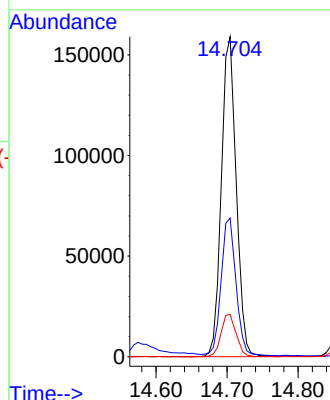
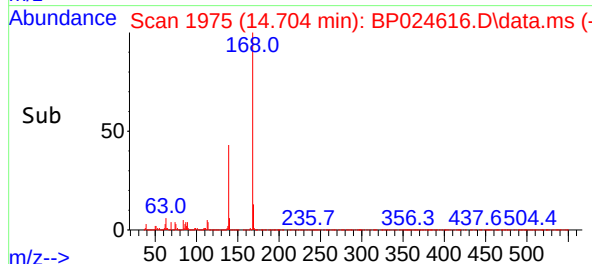
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



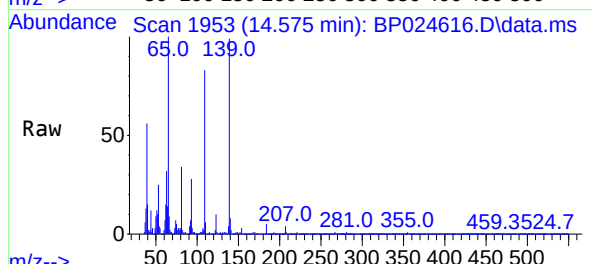
Tgt Ion:168 Resp: 230280
Ion Ratio Lower Upper
168 100
139 43.3 34.2 51.4
169 13.2 10.8 16.2

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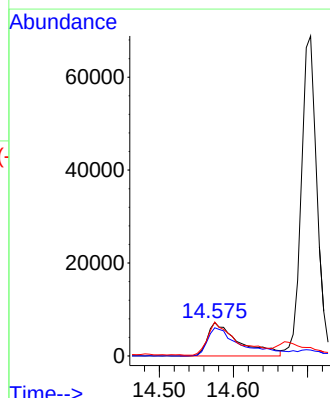
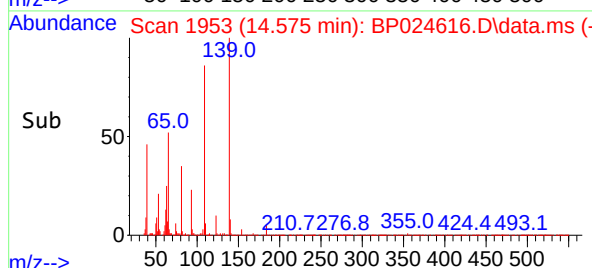
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

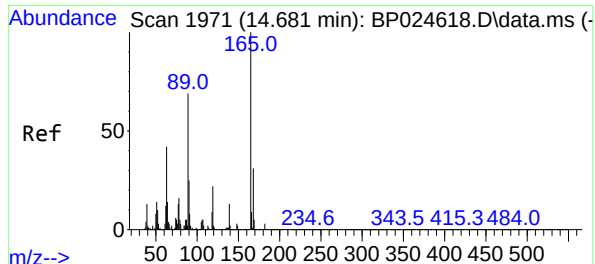


#56
4-Nitrophenol
Concen: 9.53 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



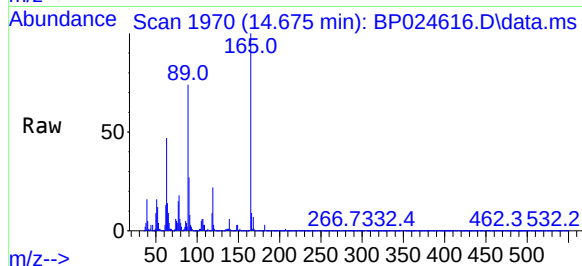
Tgt Ion:139 Resp: 21349
Ion Ratio Lower Upper
139 100
109 84.4 61.4 101.4
65 101.4 72.2 112.2





#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

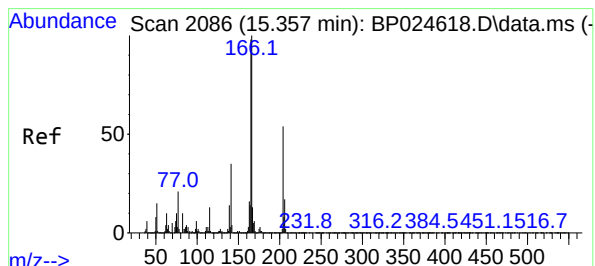
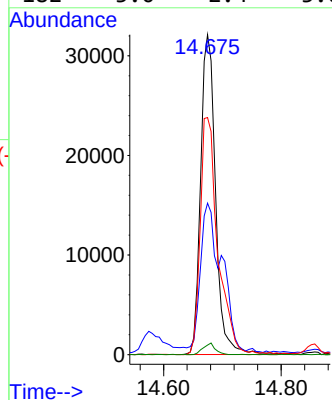
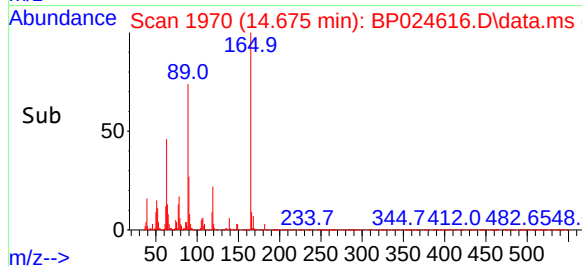
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

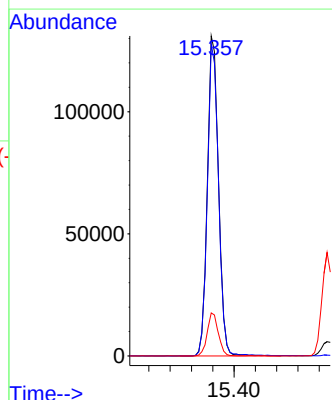
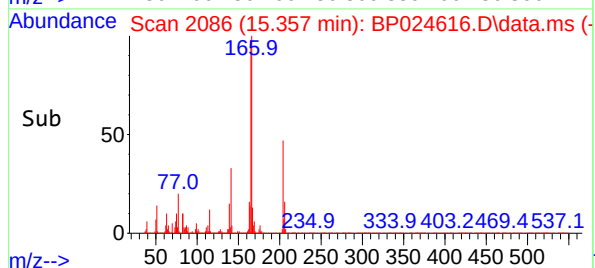
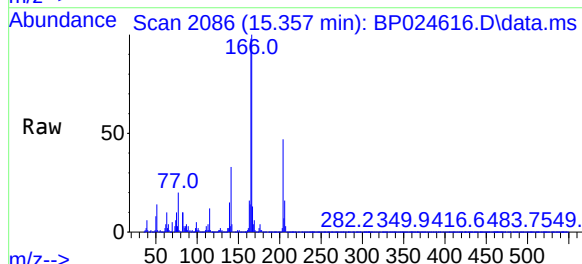
Manual Integrations
APPROVED

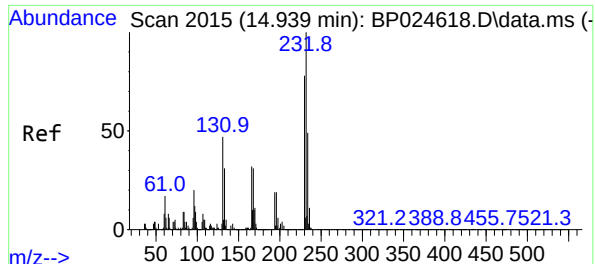
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

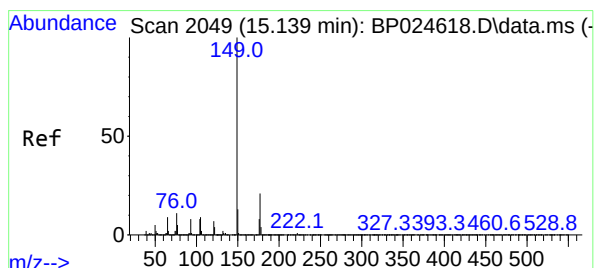
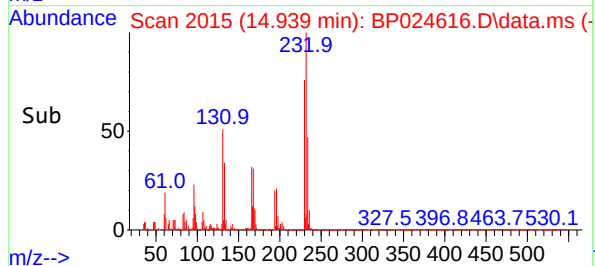
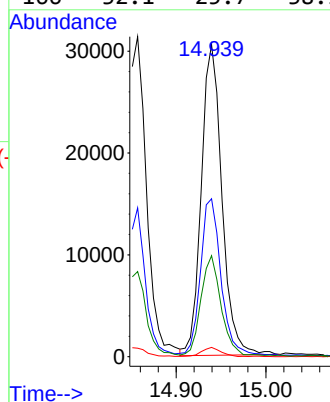
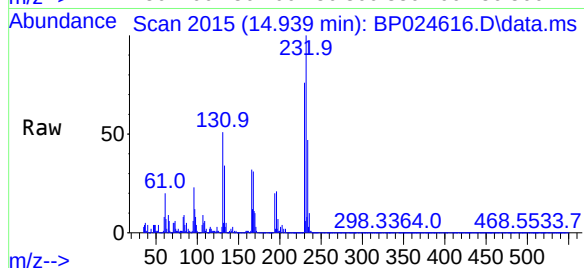
166 32.1 25.7 38.5

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

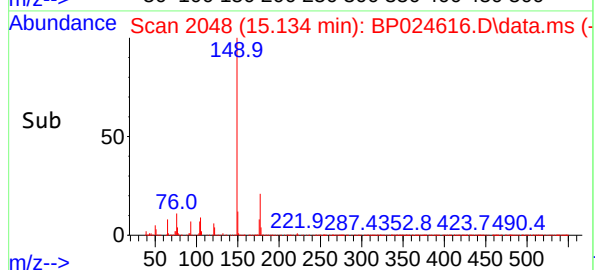
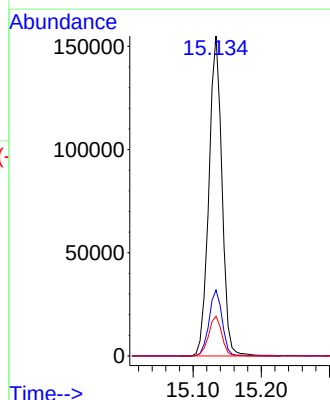
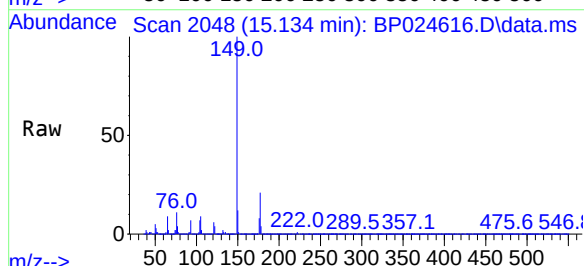
Tgt Ion:149 Resp: 206886

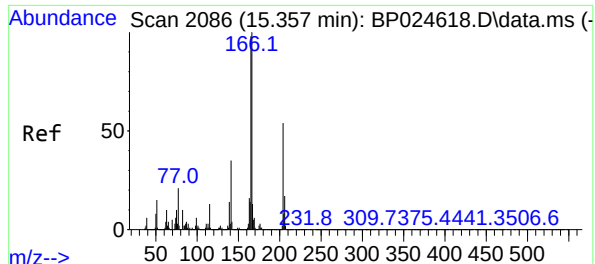
Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

150 12.4 10.2 15.2





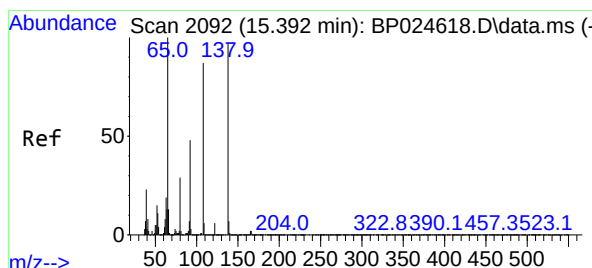
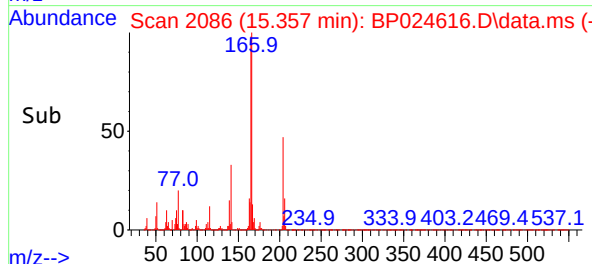
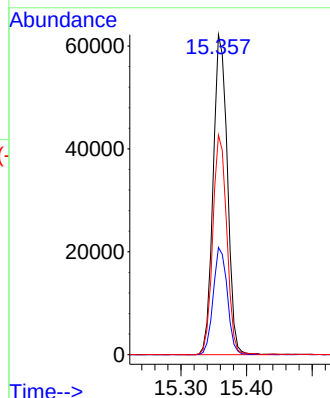
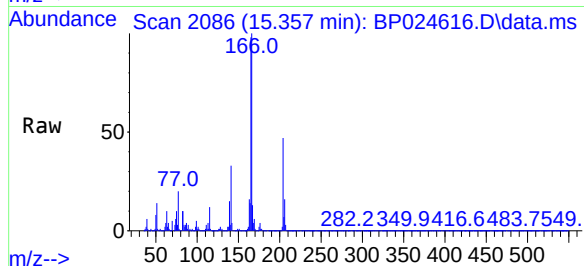
#61
4-Chlorophenyl-phenylether
Concen: 9.91 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

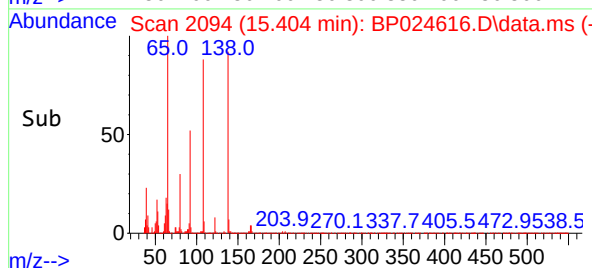
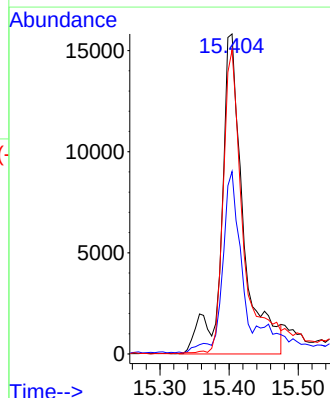
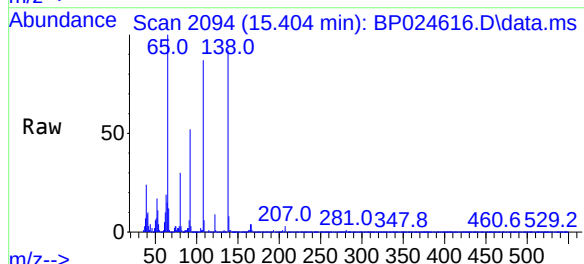
Manual Integrations
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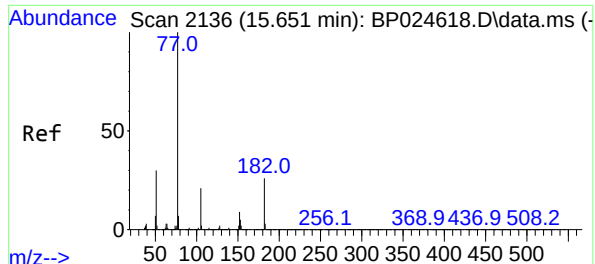
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

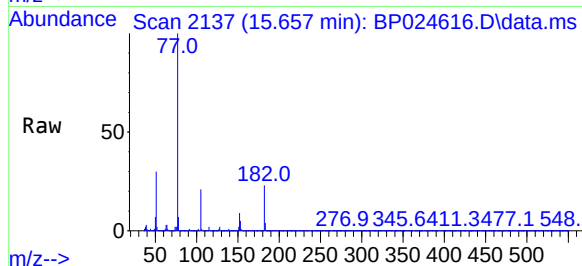
Tgt Ion:138 Resp: 34813
Ion Ratio Lower Upper
138 100
92 57.0 29.2 69.2
108 95.0 69.0 109.0





#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

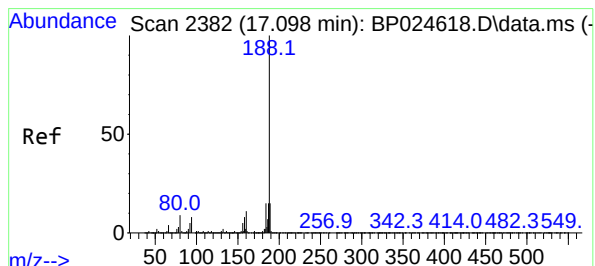
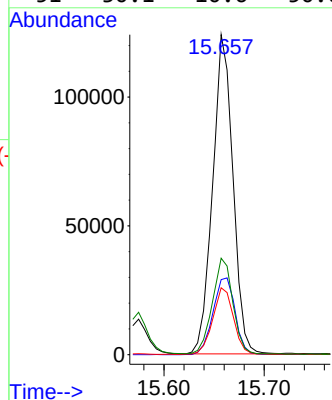
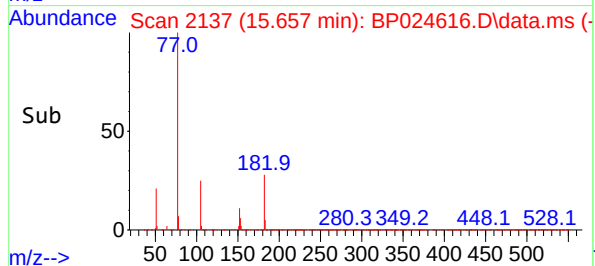
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

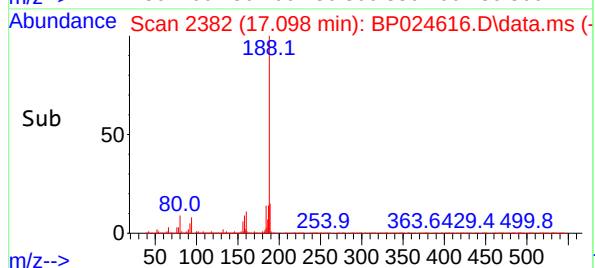
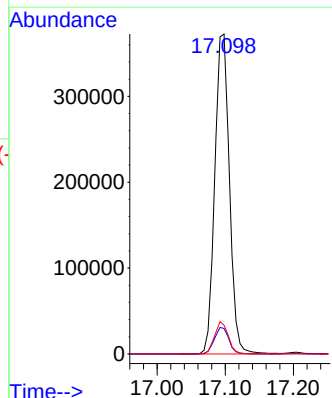
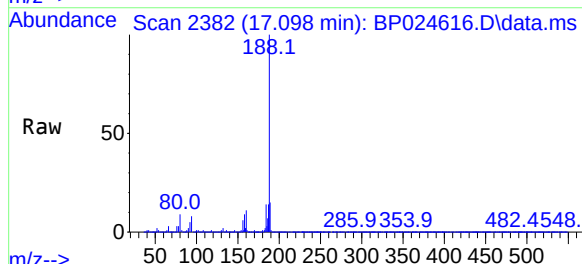
Manual Integrations
APPROVED

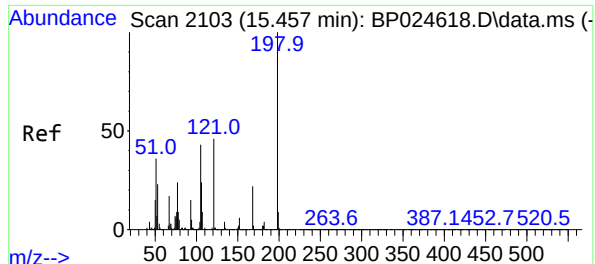
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 26174

Ion Ratio Lower Upper

198 100

51 40.9 21.1 61.1

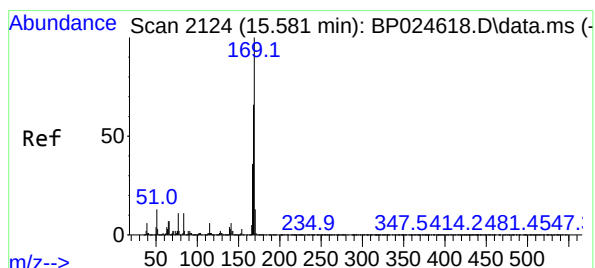
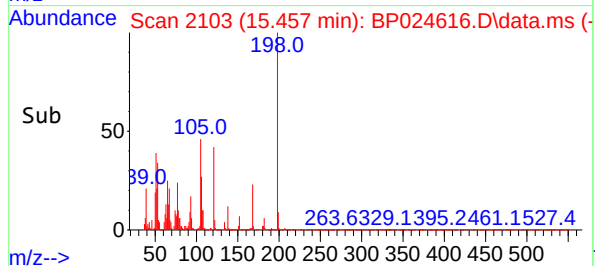
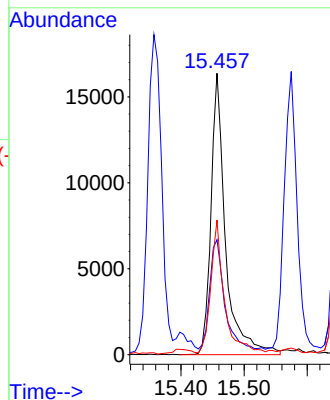
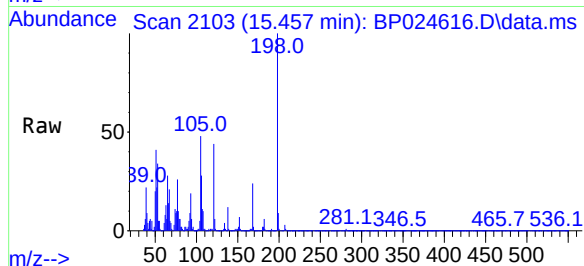
105 47.8 23.6 63.6

Manual Integrations

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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

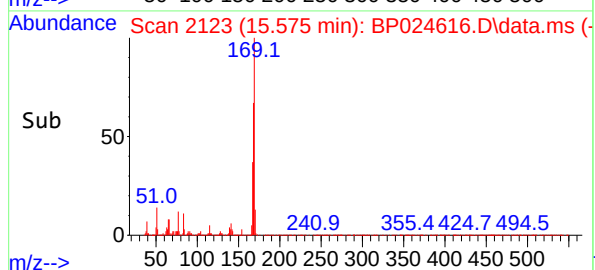
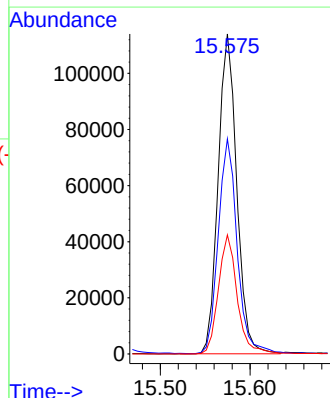
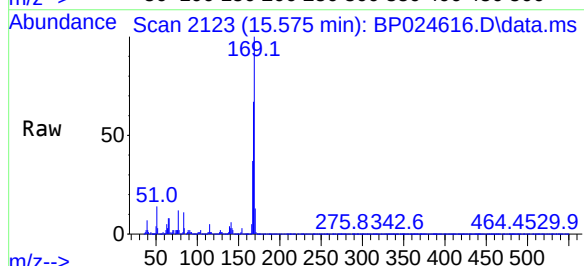
Tgt Ion:169 Resp: 164008

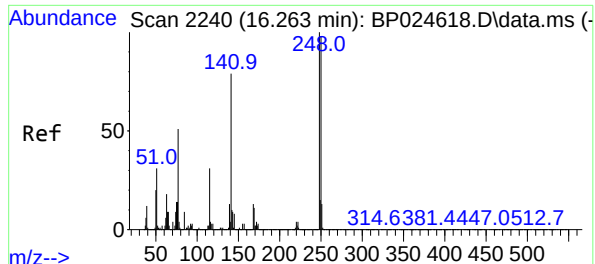
Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

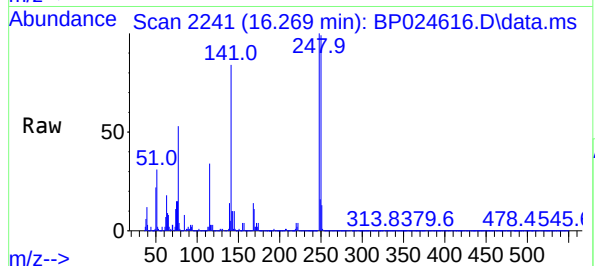
167 37.2 28.6 43.0





#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

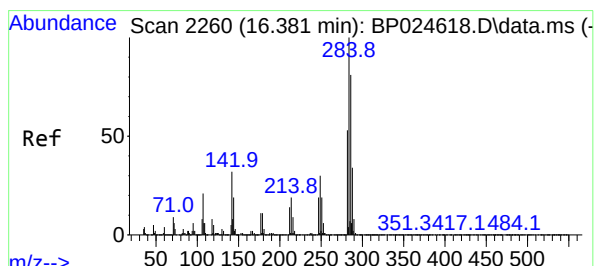
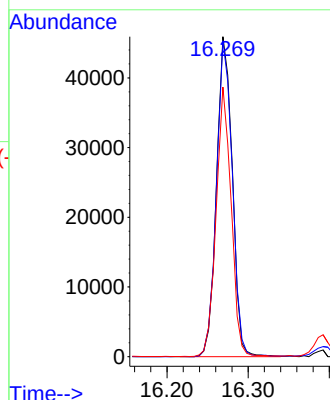
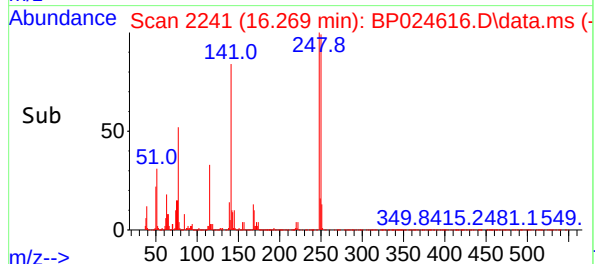
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

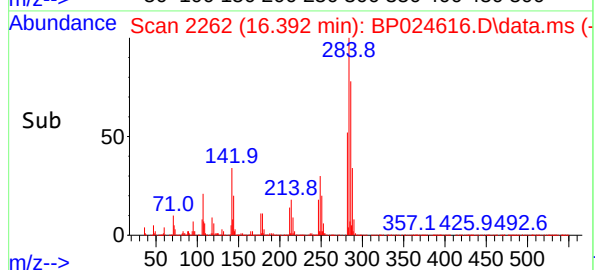
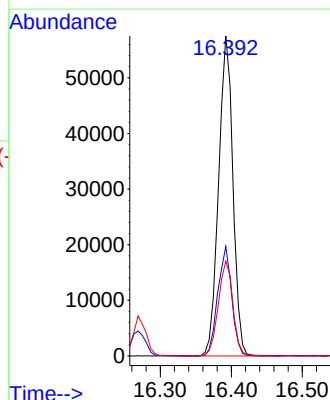
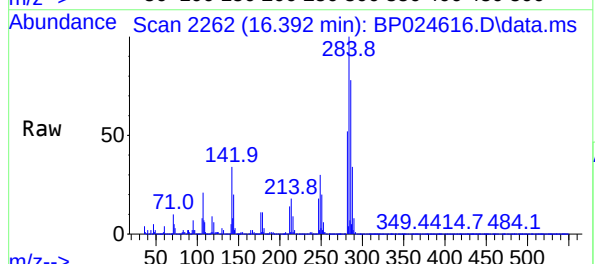
Manual Integrations
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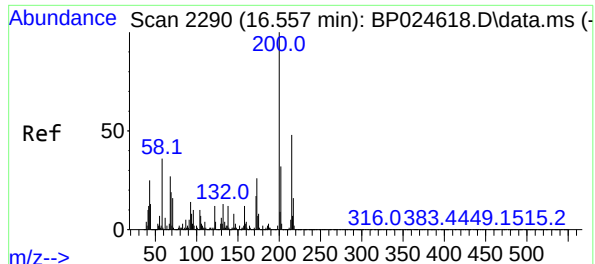
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





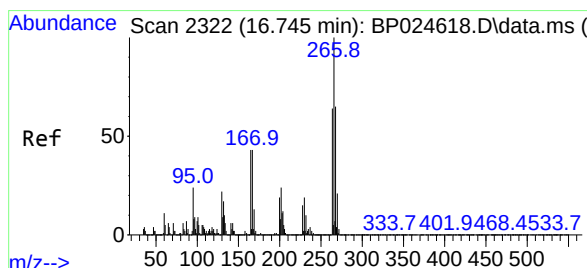
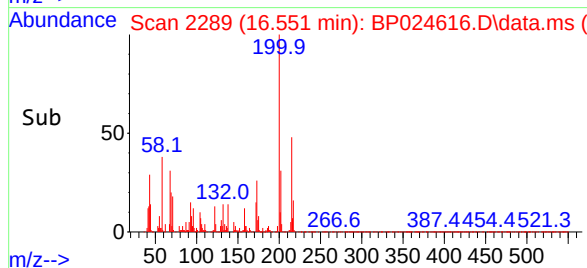
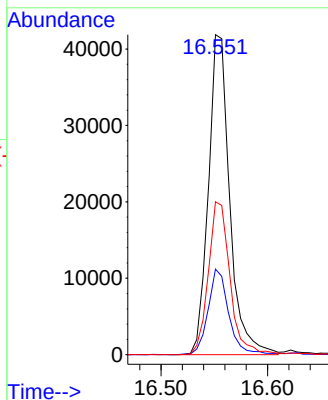
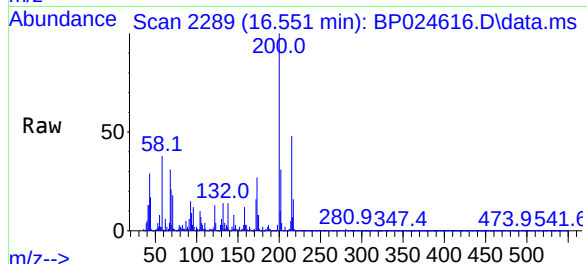
#69
Atrazine
Concen: 9.30 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

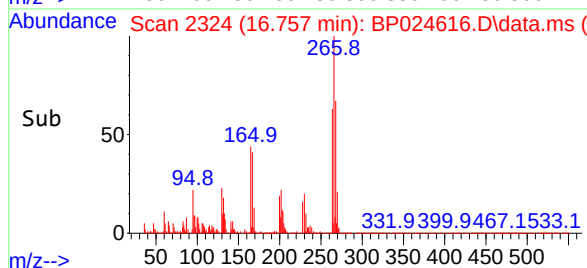
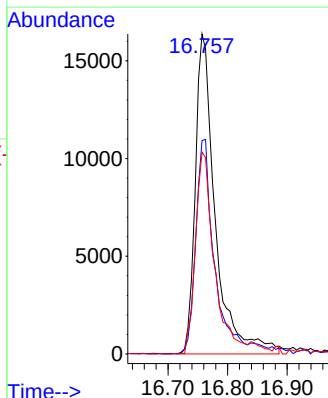
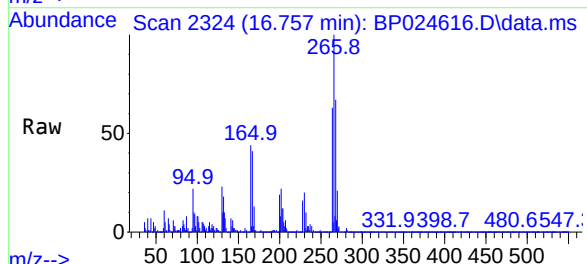
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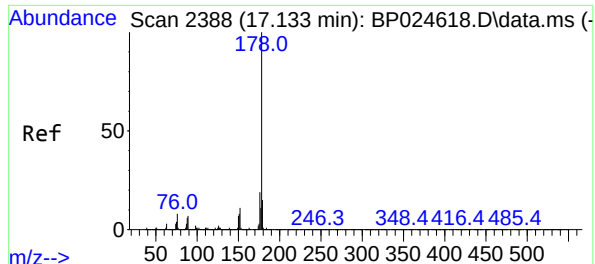
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





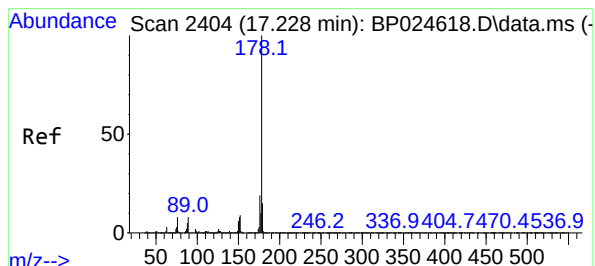
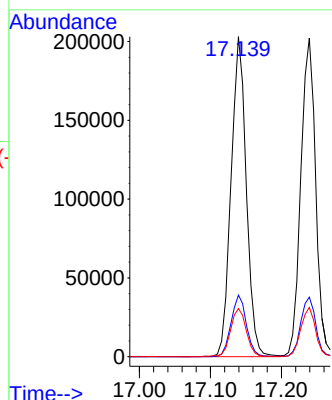
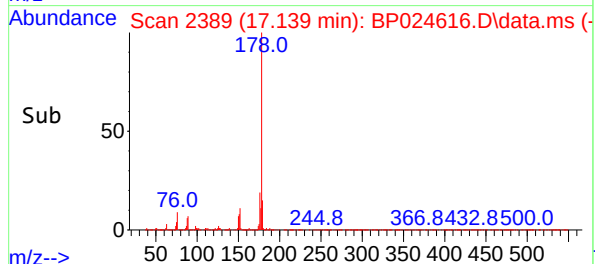
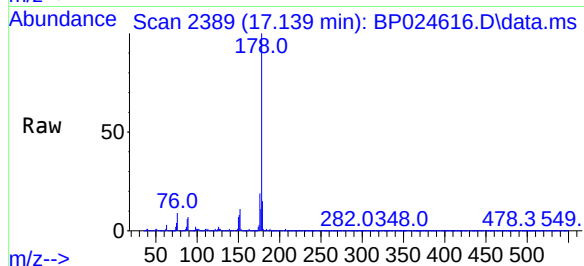
#71
Phenanthrene
Concen: 9.75 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

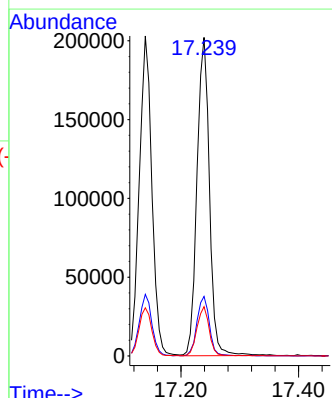
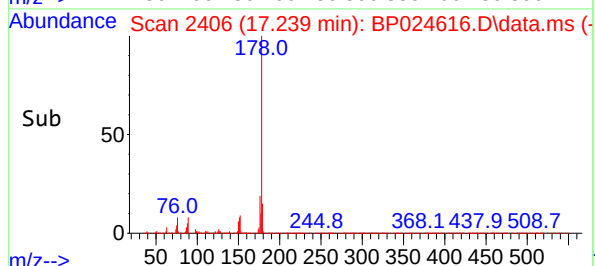
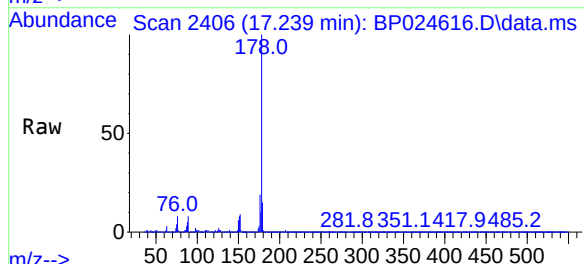
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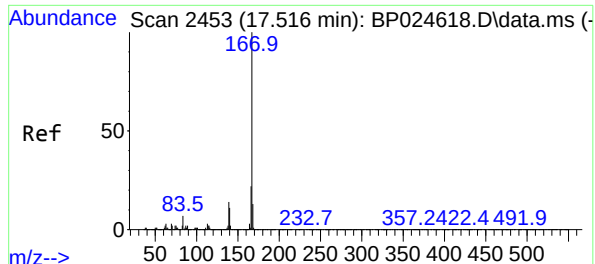
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

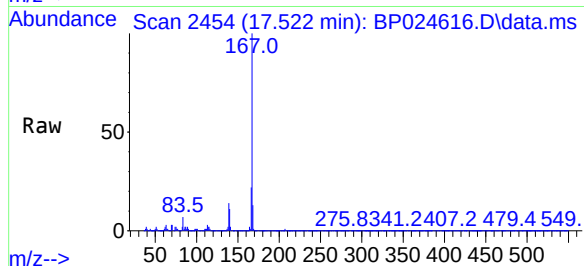
Tgt Ion:178 Resp: 296146
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.2 18.2





#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

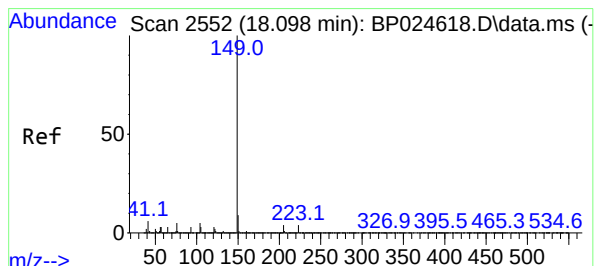
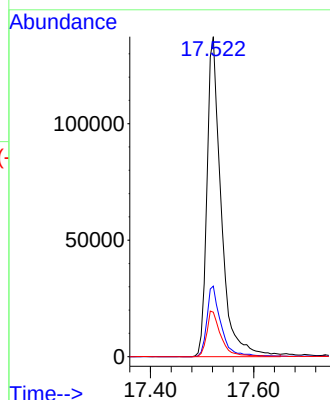
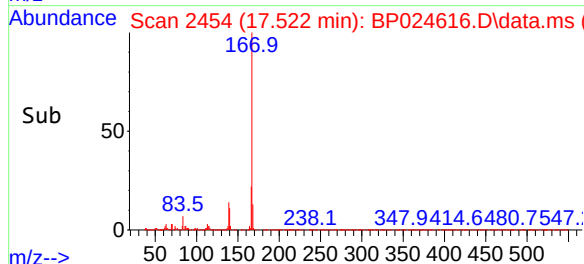
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

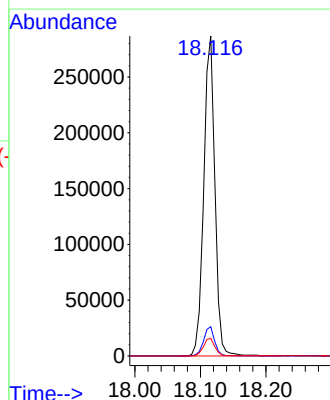
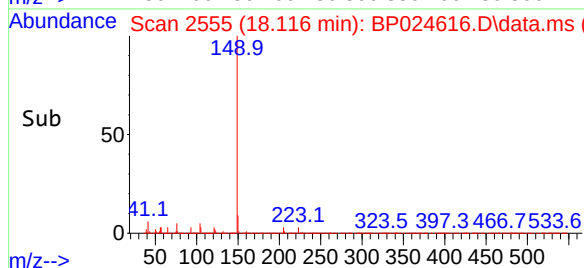
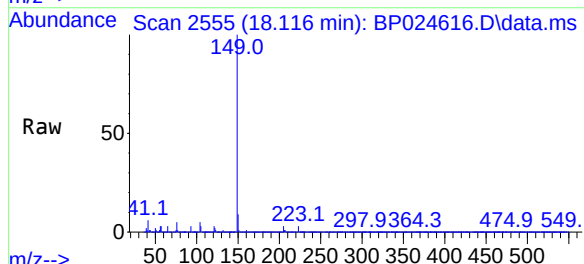
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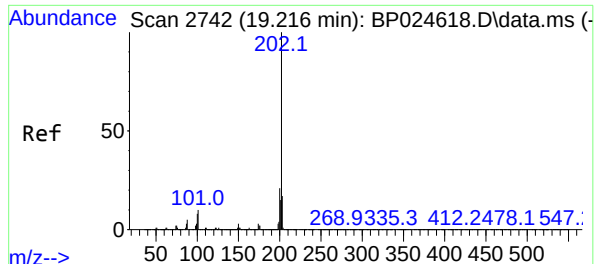
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

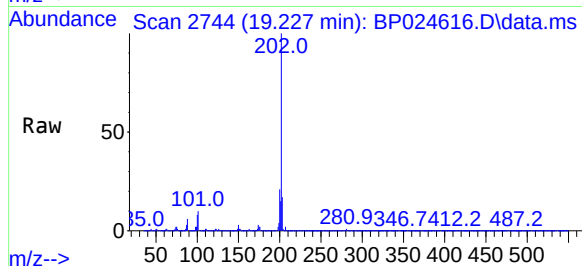
Tgt Ion:149 Resp: 338893
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.5 4.3 6.5





#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

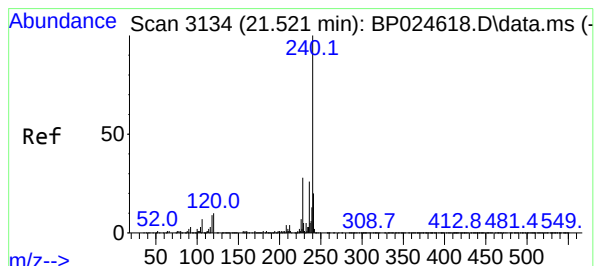
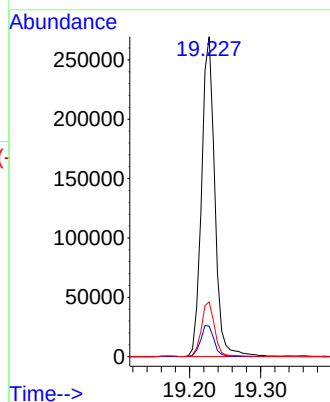
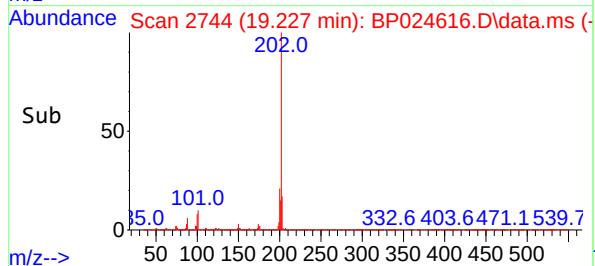
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

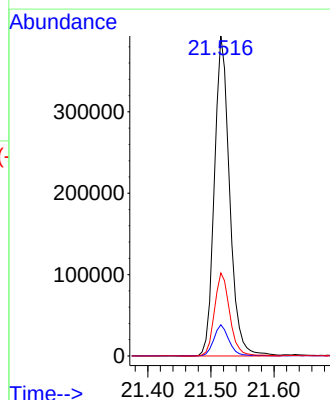
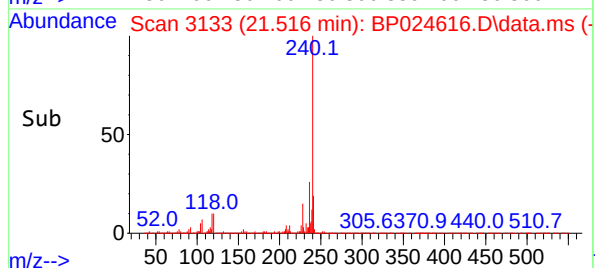
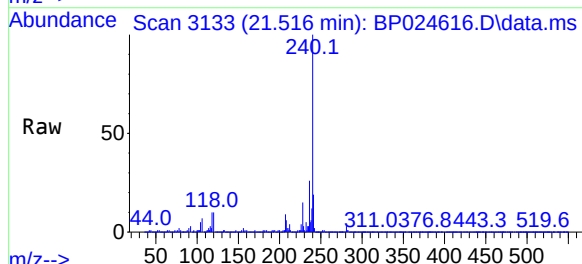
Manual Integrations
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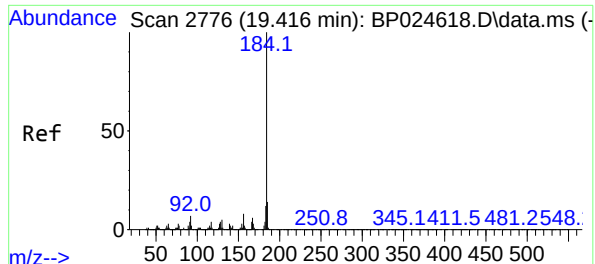
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

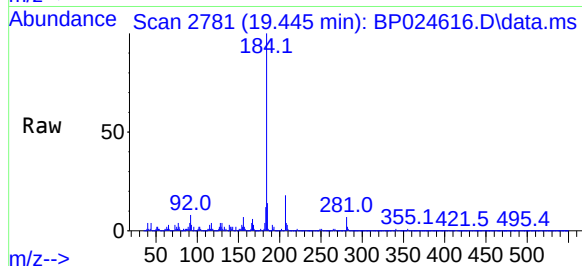
Tgt Ion:240 Resp: 659092
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 25.9 20.6 31.0





#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

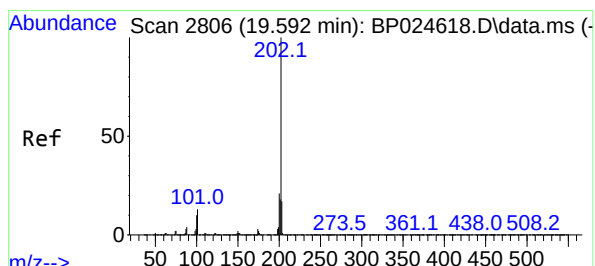
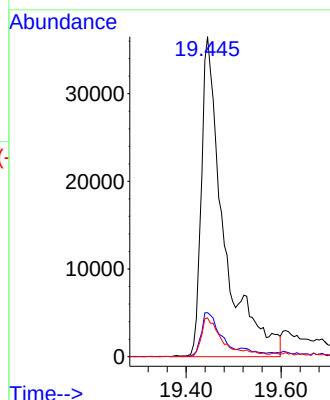
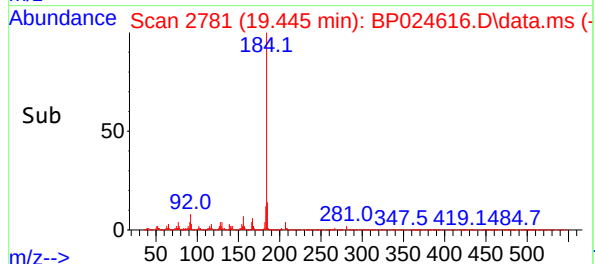
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

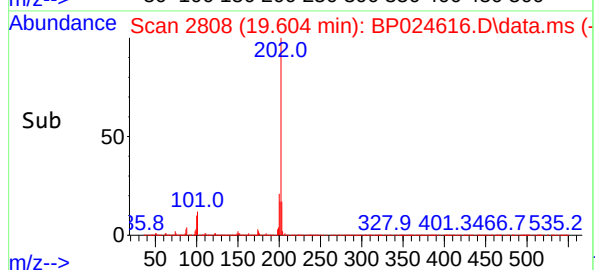
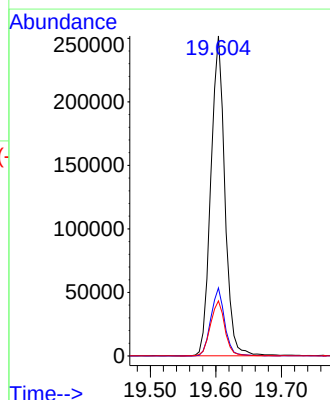
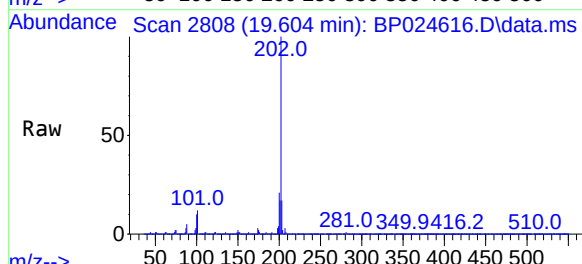
Manual Integrations
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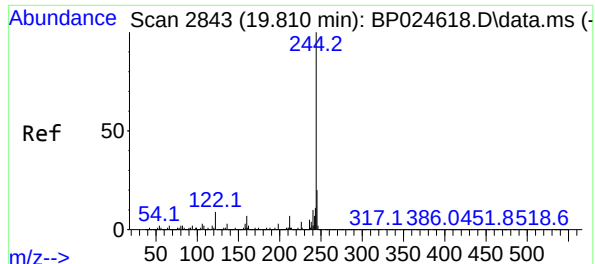
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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 :

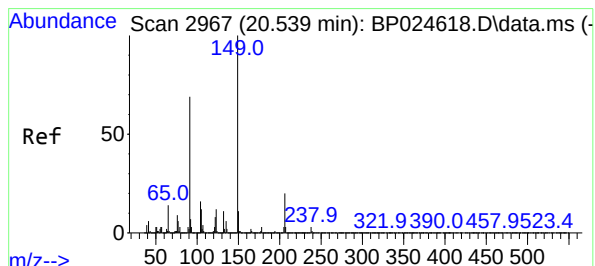
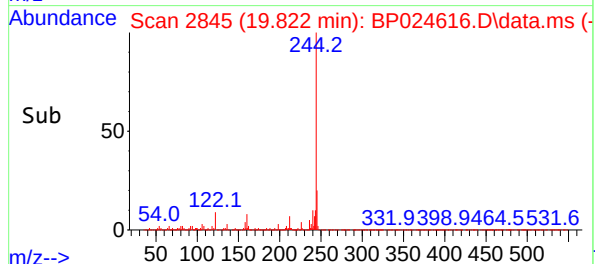
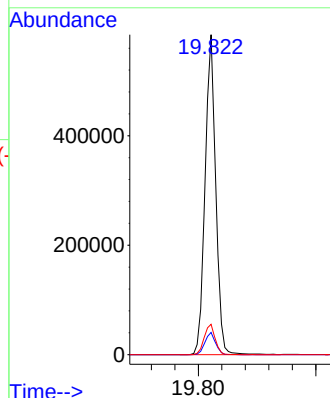
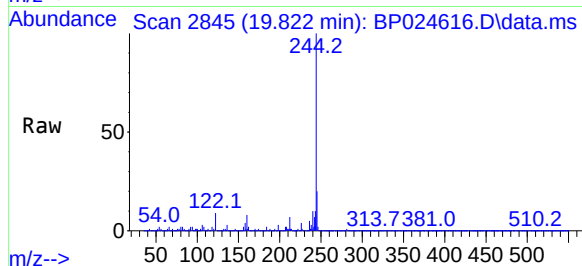
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.5	7.4	11.0

Manual Integrations

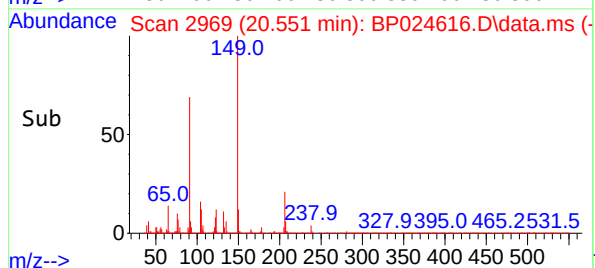
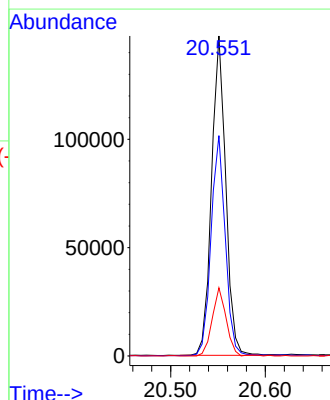
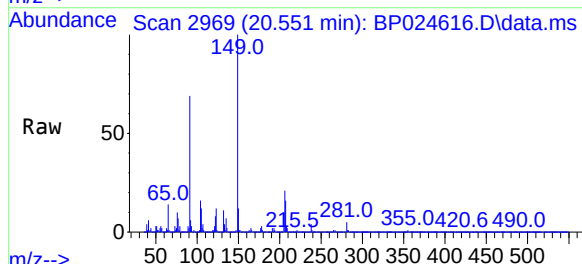
APPROVED

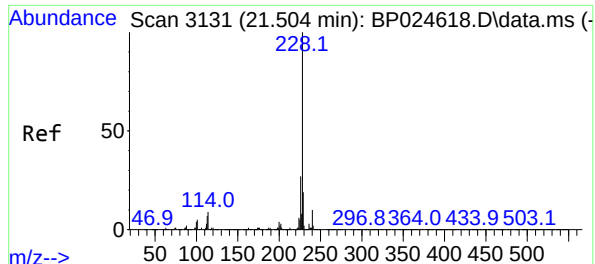
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

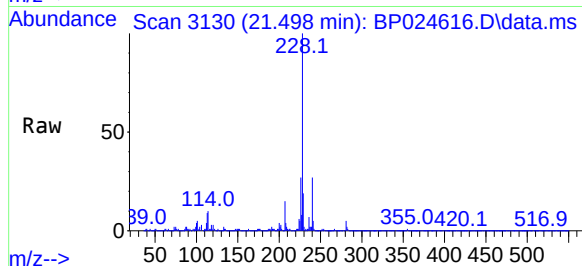
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	55.4	83.0
206	21.3	16.2	24.2





#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

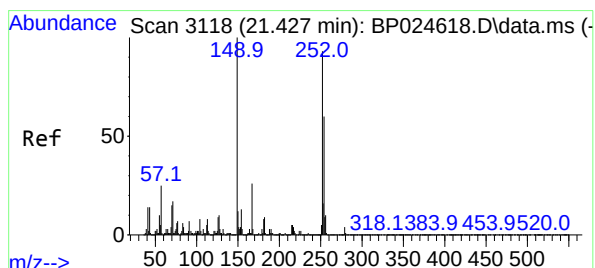
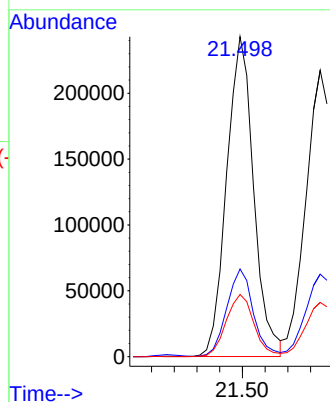
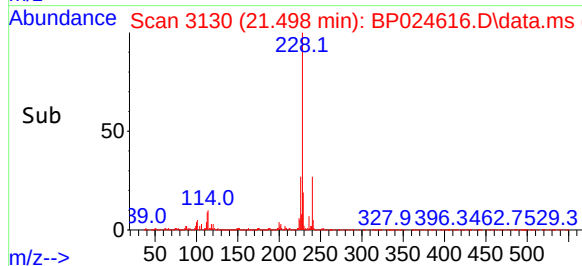
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

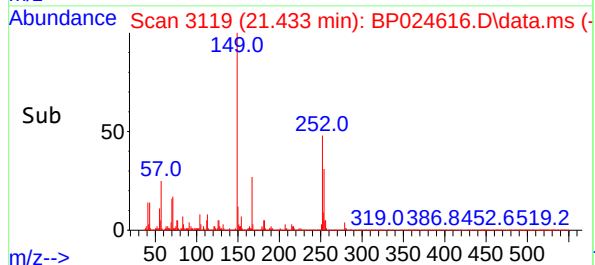
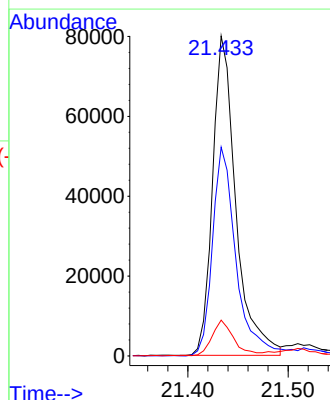
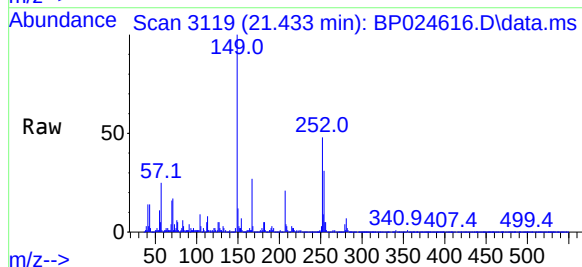
Manual Integrations
APPROVED

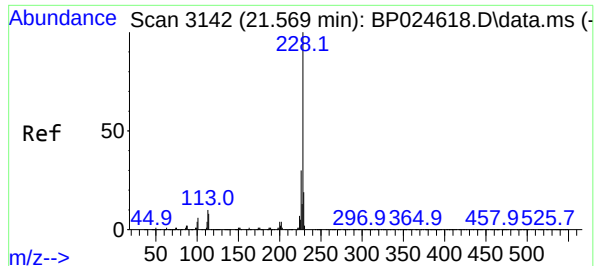
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

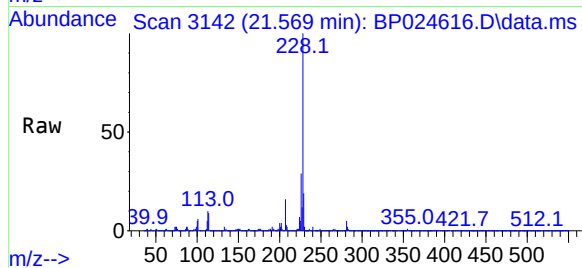
Tgt Ion:252 Resp: 129324
Ion Ratio Lower Upper
252 100
254 65.2 51.8 77.6
126 11.2 7.7 11.5





#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

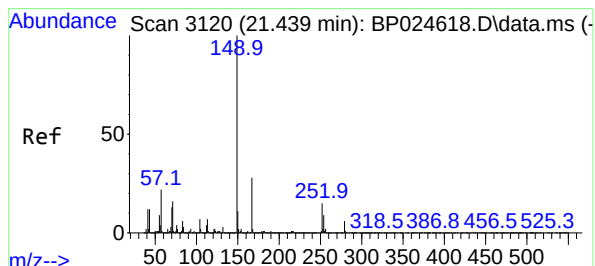
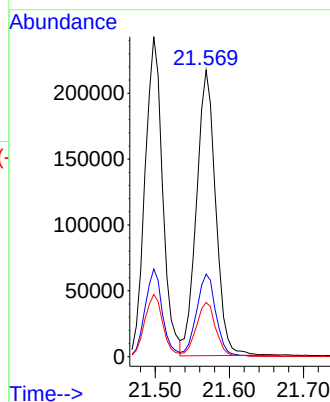
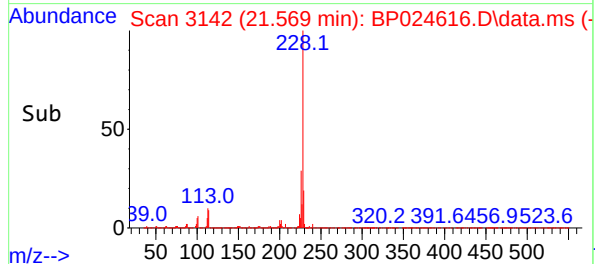
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

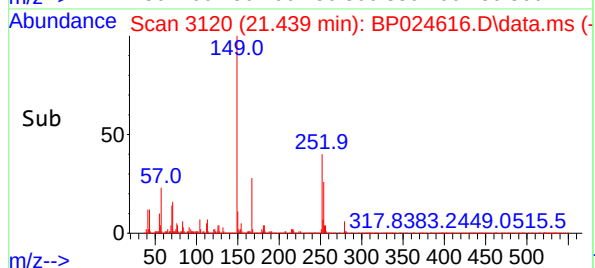
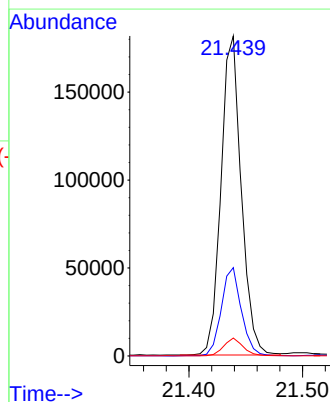
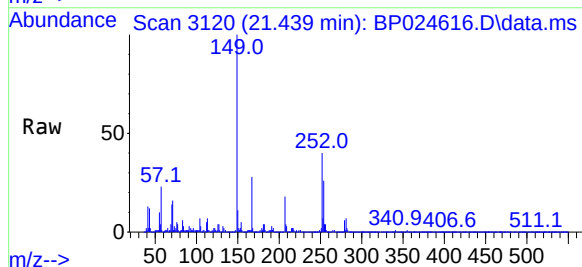
Manual Integrations
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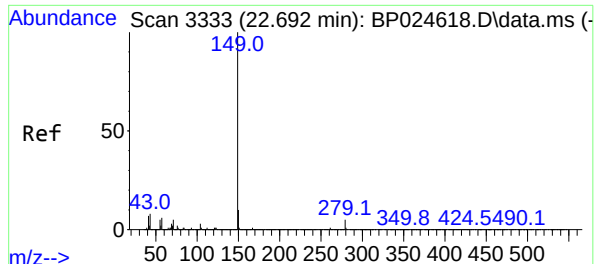
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

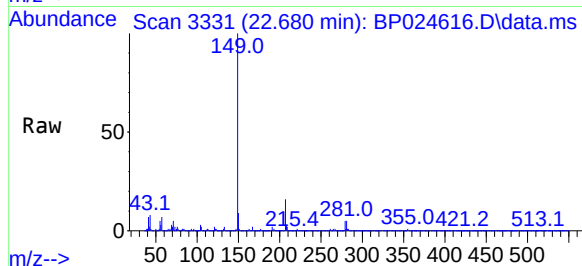
Tgt Ion:149 Resp: 225047
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.6 4.6 6.8





#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

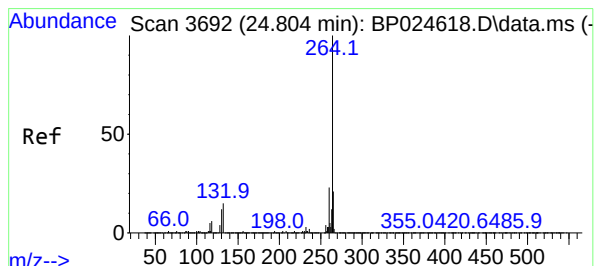
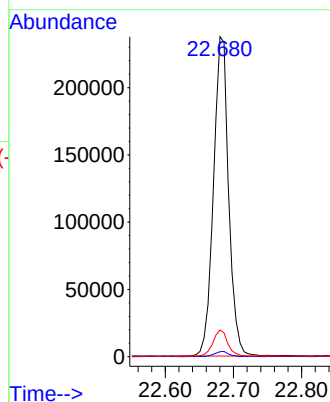
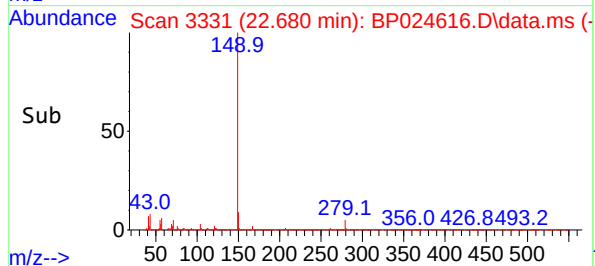
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

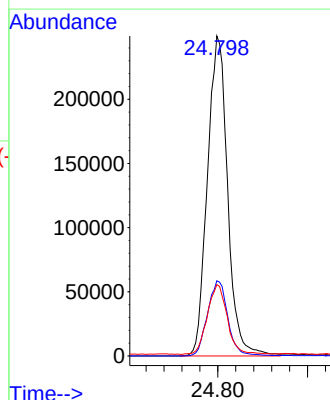
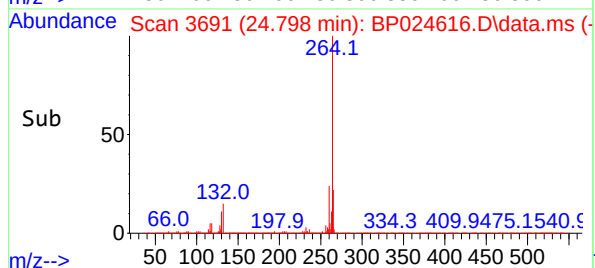
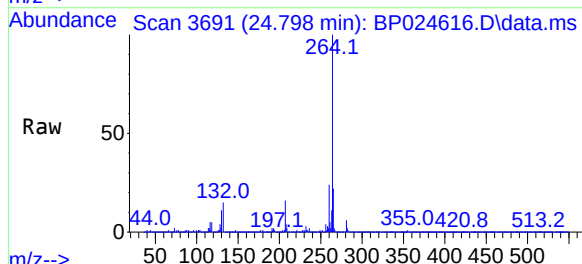
Manual Integrations
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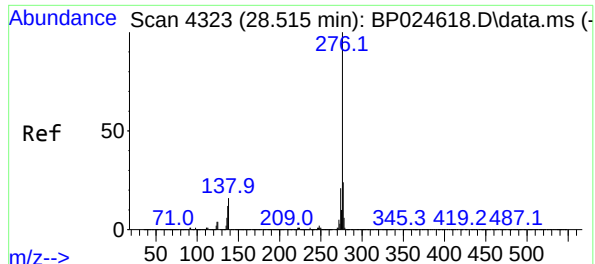
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





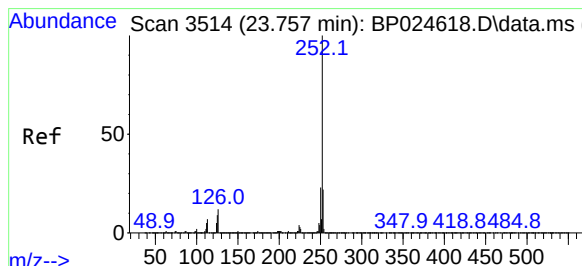
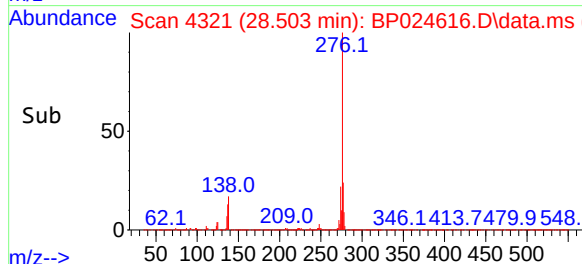
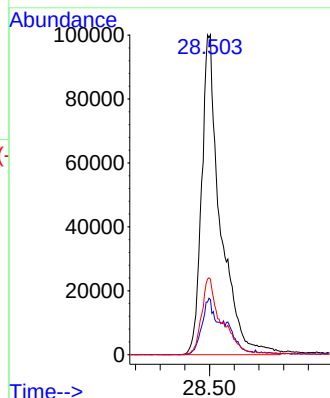
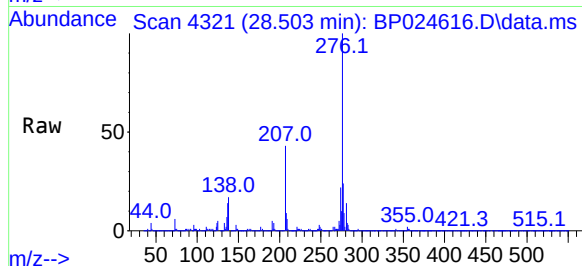
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.29 ng
RT: 28.503 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

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

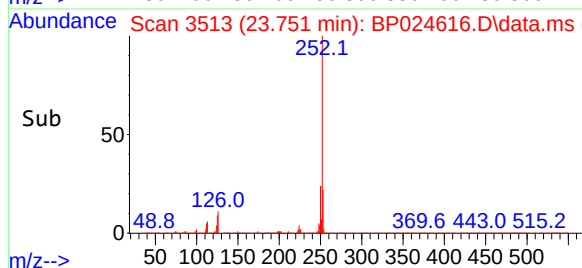
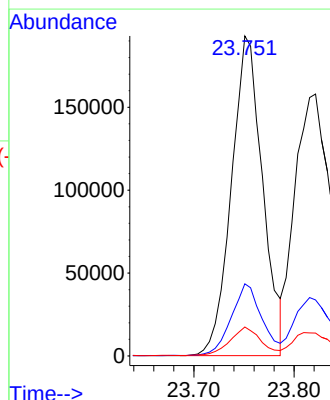
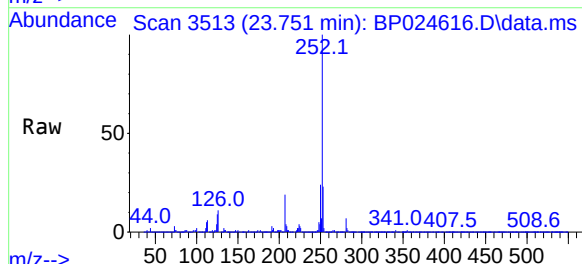
Manual Integrations
APPROVED

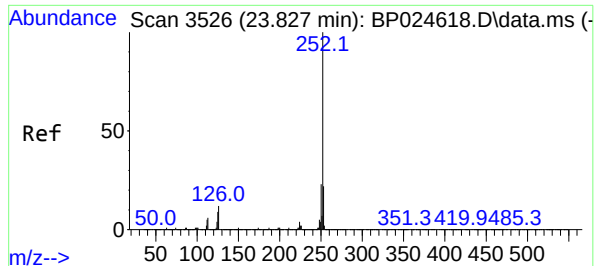
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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 :

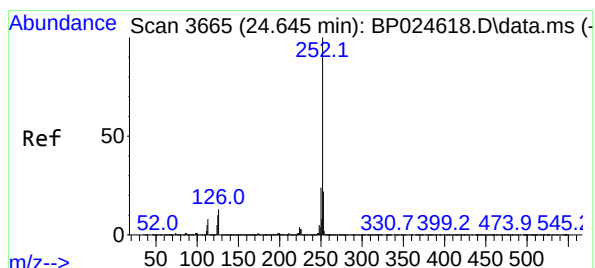
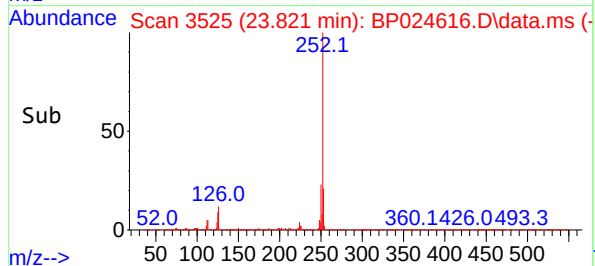
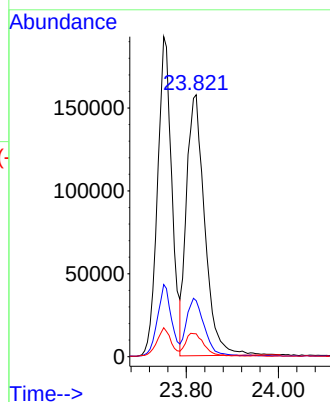
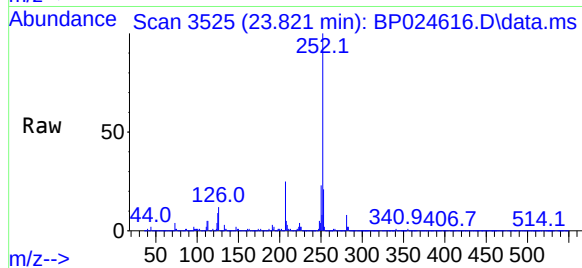
SSTDICC010

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

APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 9.10 ng

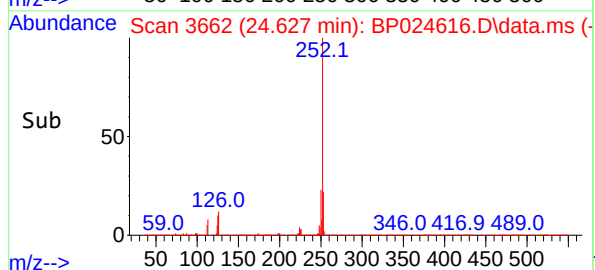
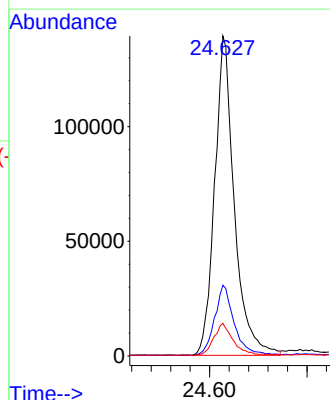
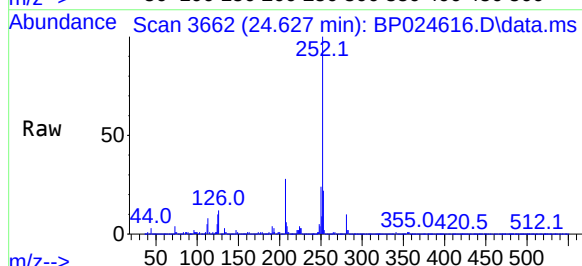
RT: 24.627 min Scan# 3662

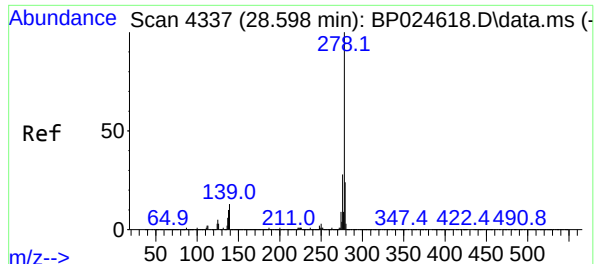
Delta R.T. -0.018 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

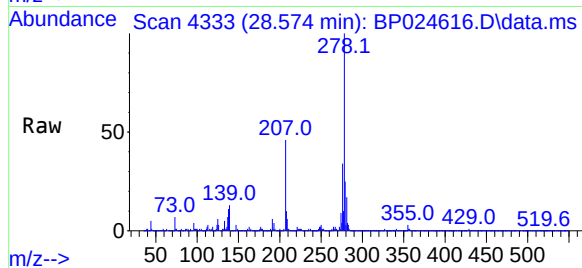
Tgt Ion:	252	Resp:	390288
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1





#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

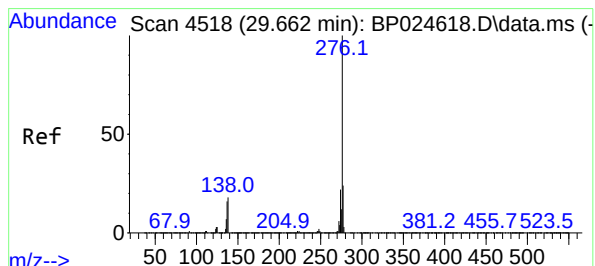
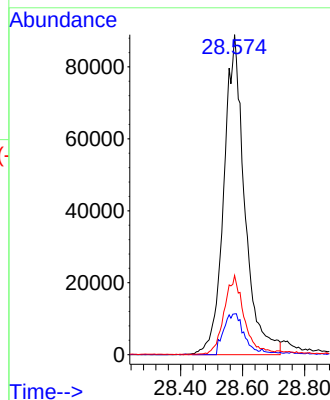
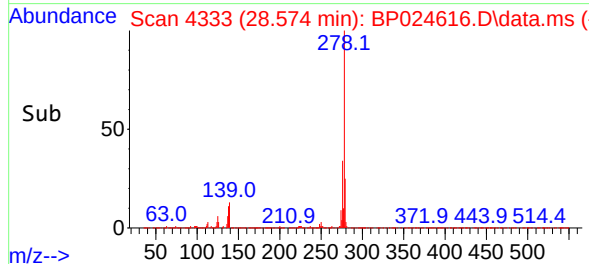
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



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

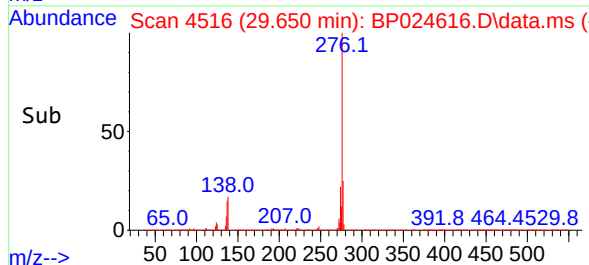
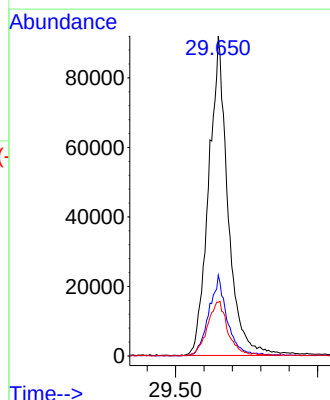
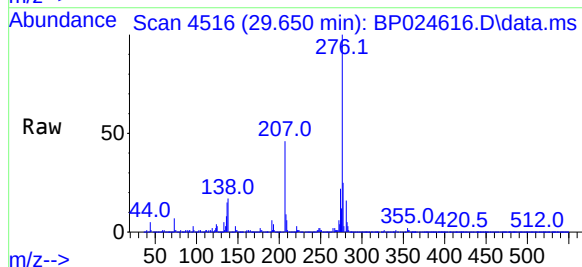
Manual Integrations
APPROVED

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
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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)

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
 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

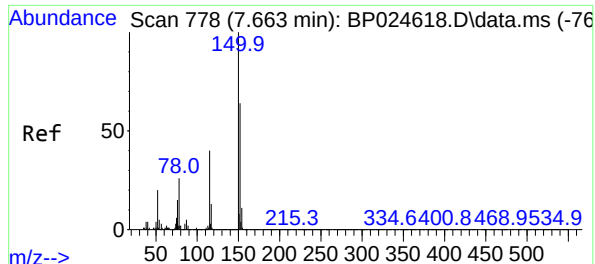
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	135306	19.95	ng	98
46) 1,1'-Biphenyl	13.116	154	483352	20.19	ng	100
47) 2-Chloronaphthalene	13.163	162	366247	20.06	ng	100
48) 2-Nitroaniline	13.375	65	107062	19.81	ng	98
49) Acenaphthylene	14.016	152	621997	20.36	ng	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

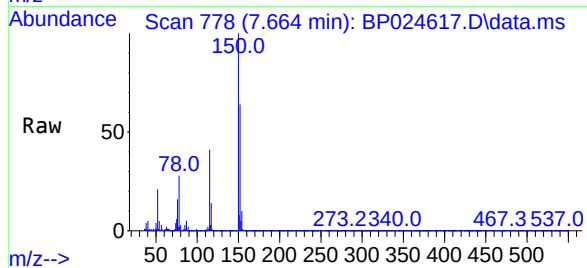
Manual Integrations APPROVED

[illegible]



#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

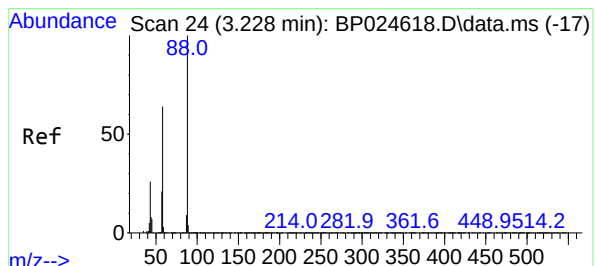
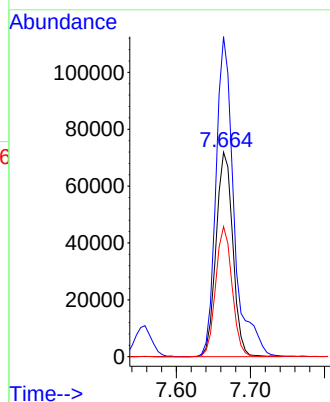
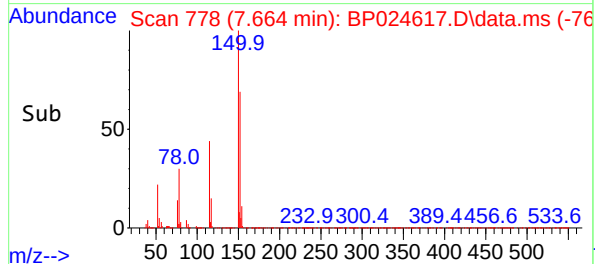
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

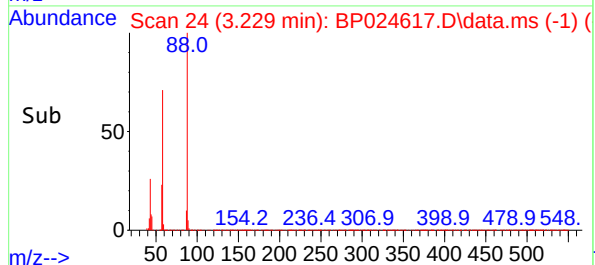
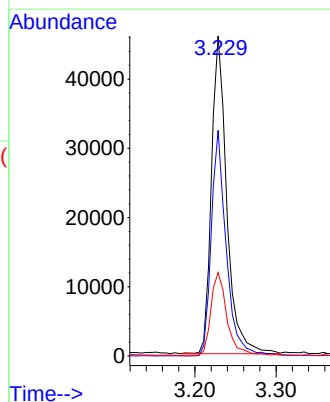
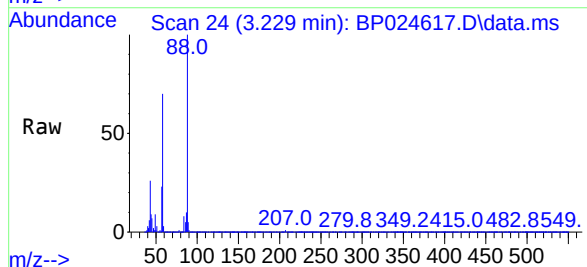
Manual Integrations
APPROVED

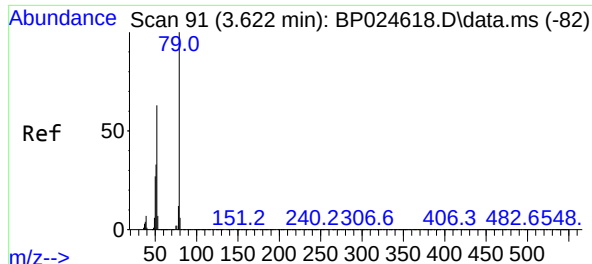
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





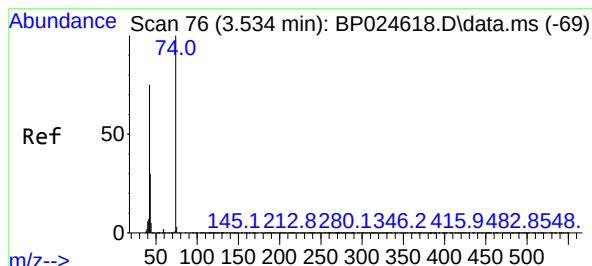
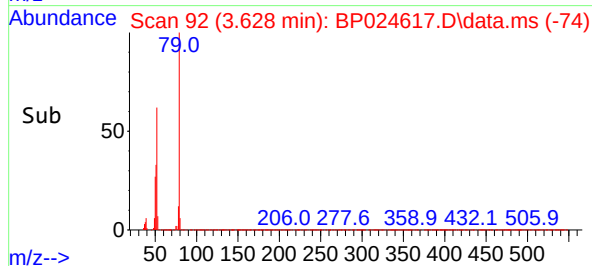
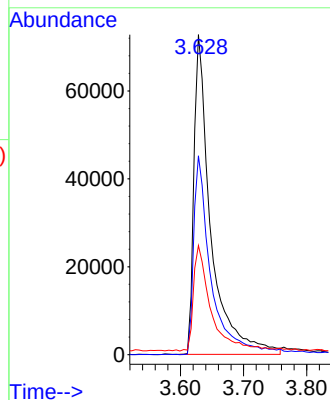
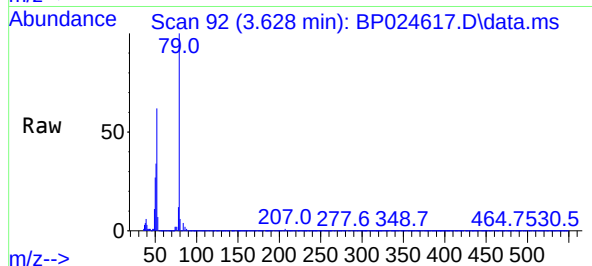
#3
Pyridine
Concen: 19.75 ng
RT: 3.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
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

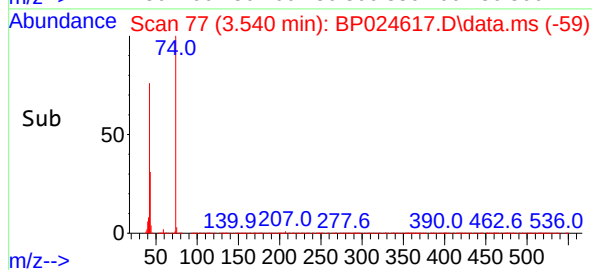
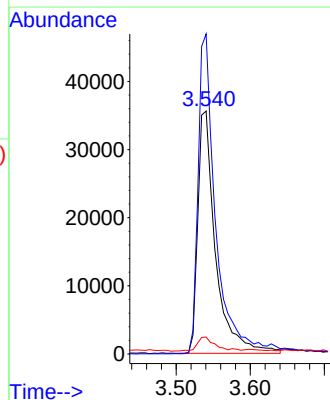
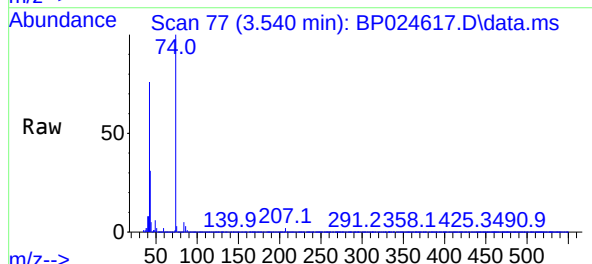
Manual Integrations
APPROVED

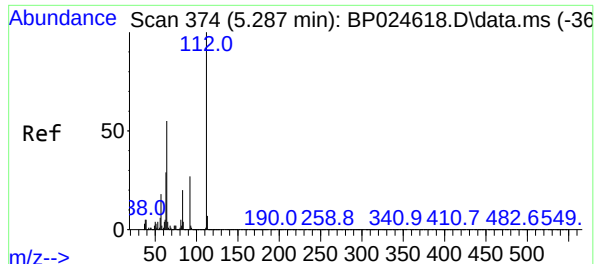
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

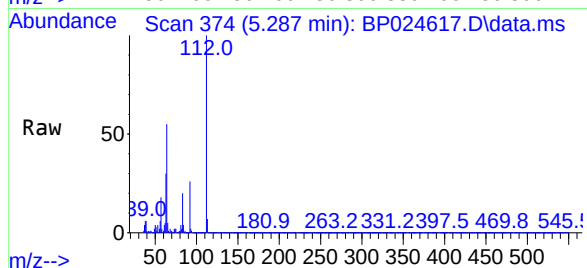
Tgt Ion: 42 Resp: 59324
Ion Ratio Lower Upper
42 100
74 131.7 106.2 159.2
44 7.0 5.4 8.2





#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

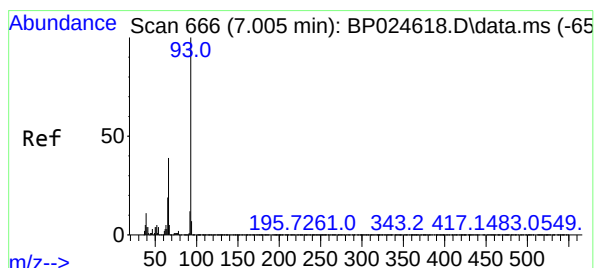
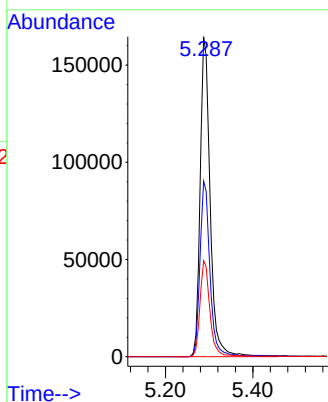
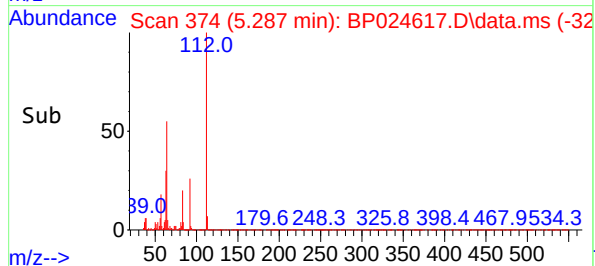
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

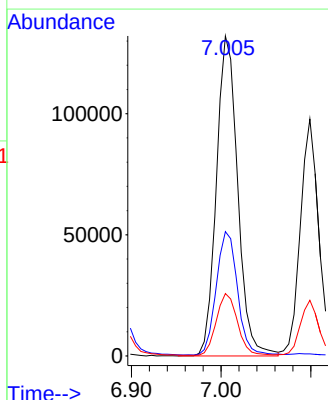
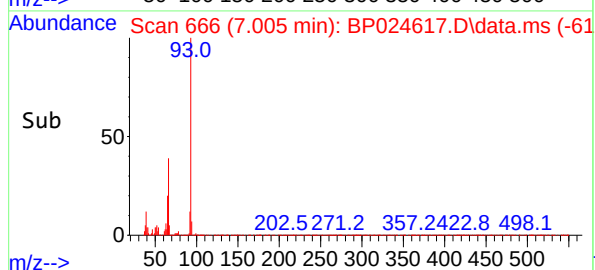
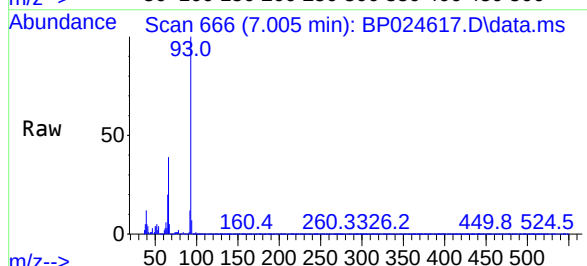
Manual Integrations
APPROVED

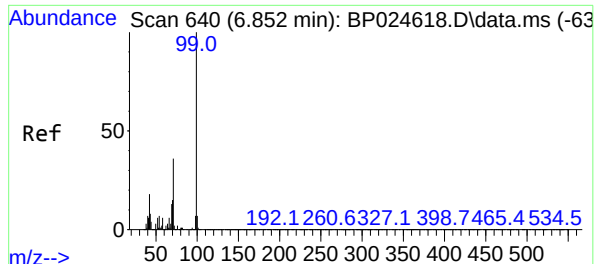
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

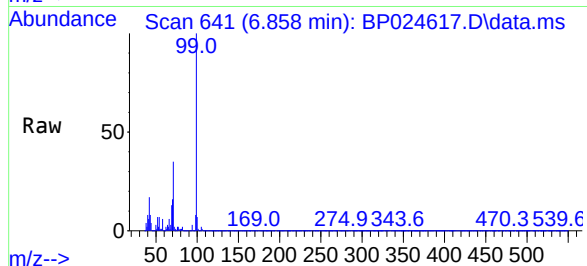
Tgt Ion: 93 Resp: 217646
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.5 15.5 23.3





#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

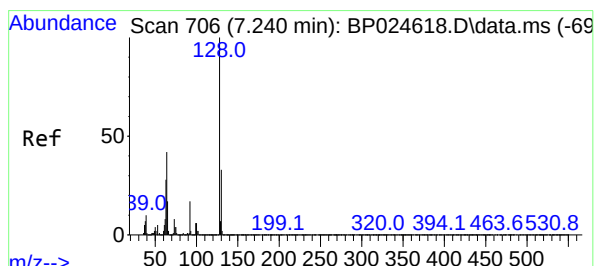
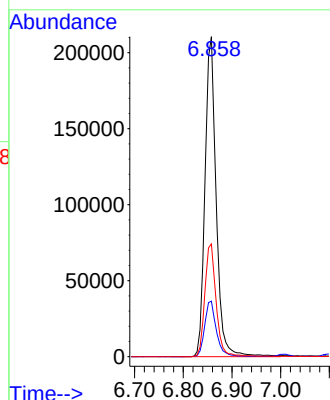
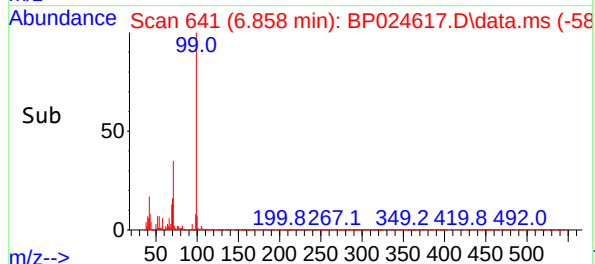
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

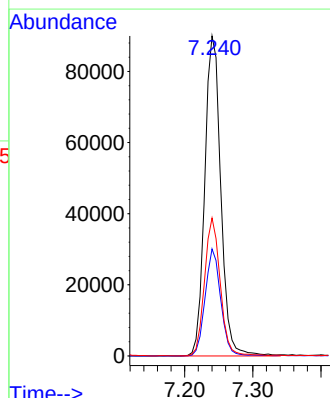
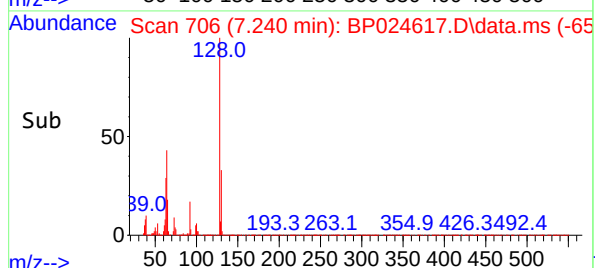
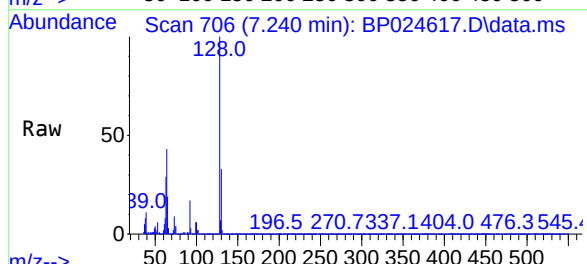
Manual Integrations
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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

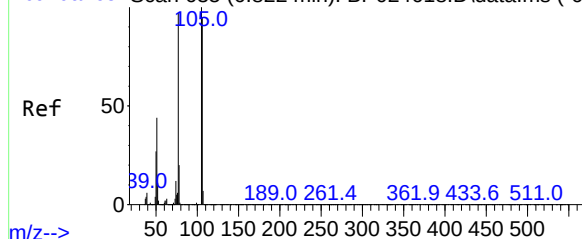


#8
2-Chlorophenol
Concen: 19.76 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

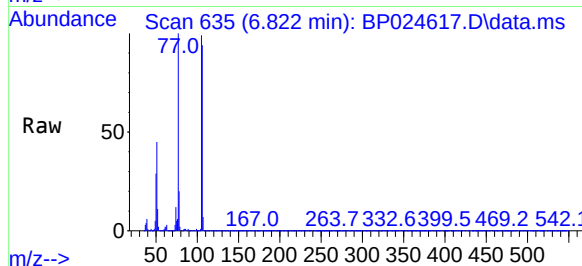
106 94.4 78.0 118.0

Manual Integrations

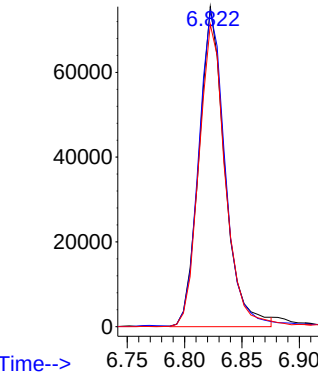
APPROVED

Reviewed By :Rahul Chavli 05/14/2025

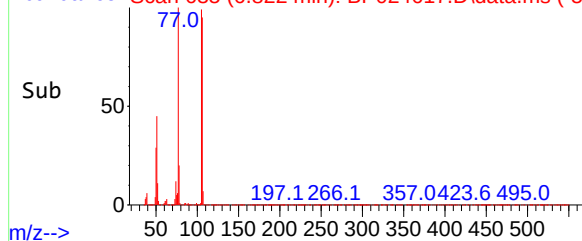
Supervised By :Jagrut Upadhyay 05/14/2025



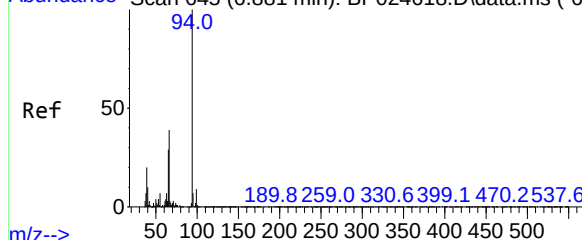
Abundance



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

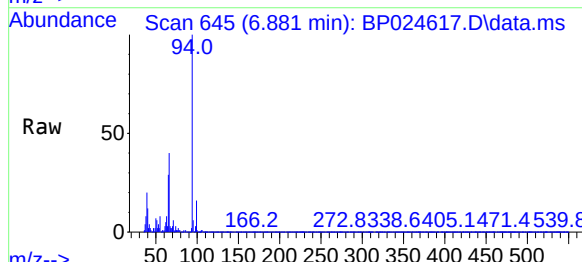
Tgt Ion: 94 Resp: 171949

Ion Ratio Lower Upper

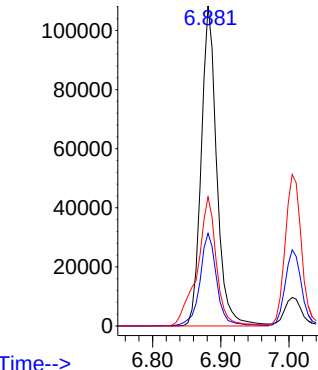
94 100

65 28.9 8.7 48.7

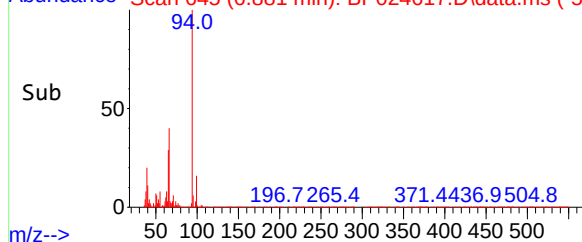
66 40.3 19.4 59.4

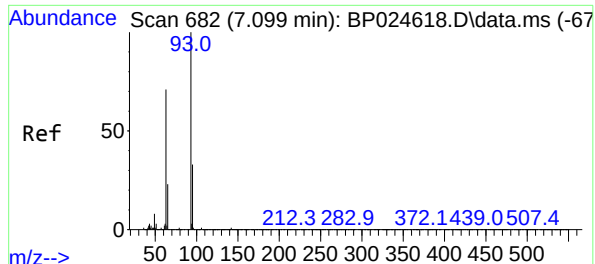


Abundance



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

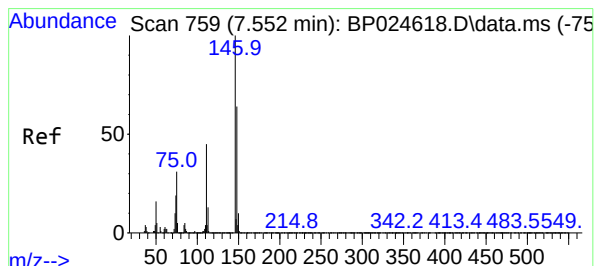
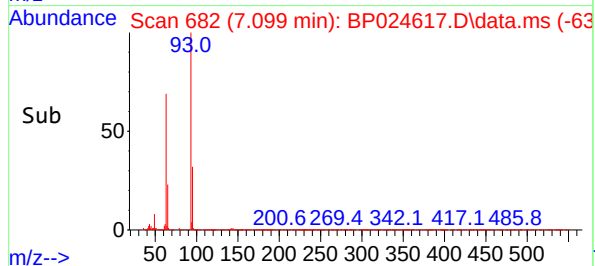
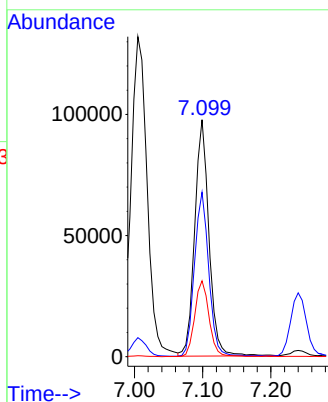
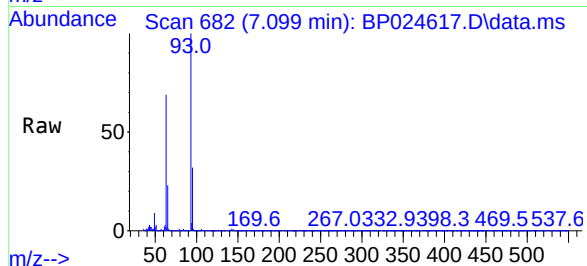
95 32.0 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

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

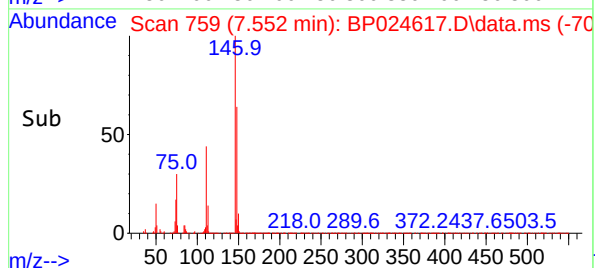
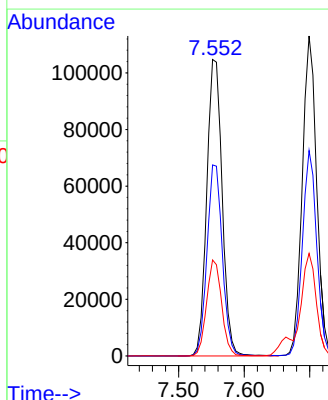
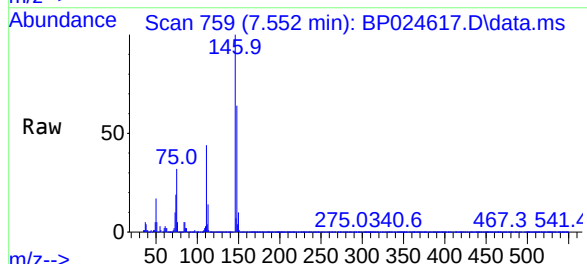
Tgt Ion:146 Resp: 171270

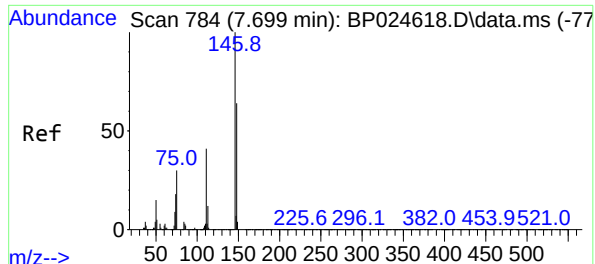
Ion Ratio Lower Upper

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

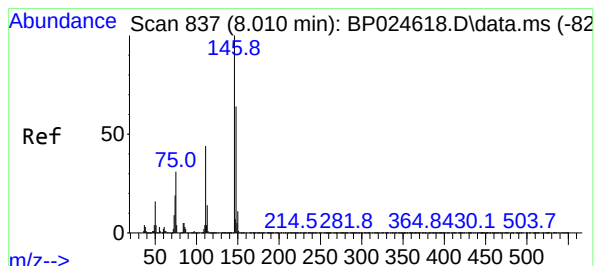
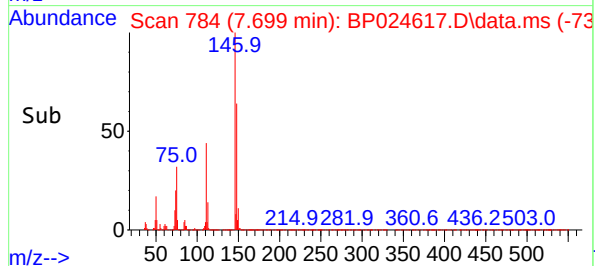
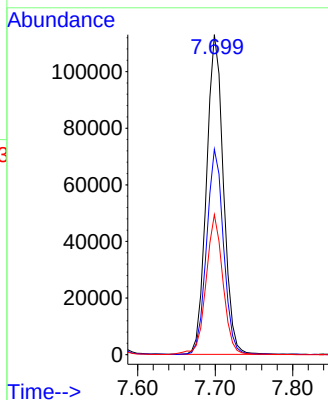
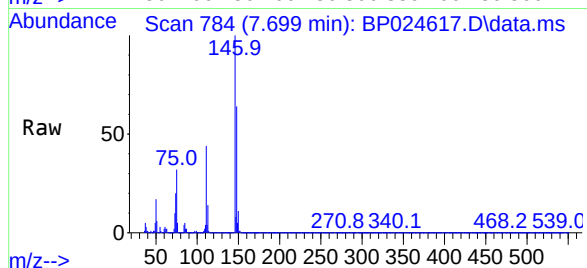
111 43.7 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#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

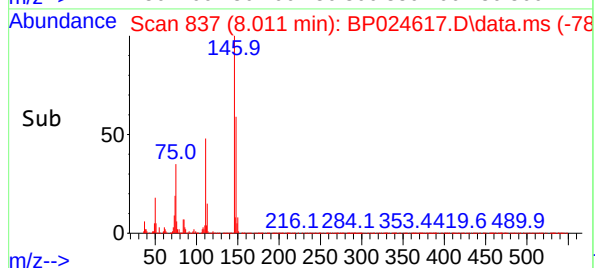
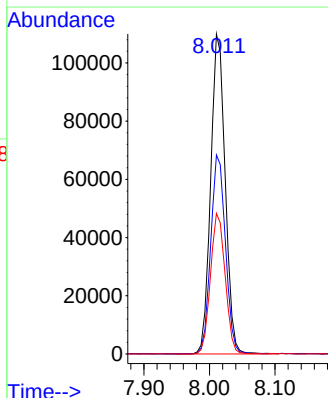
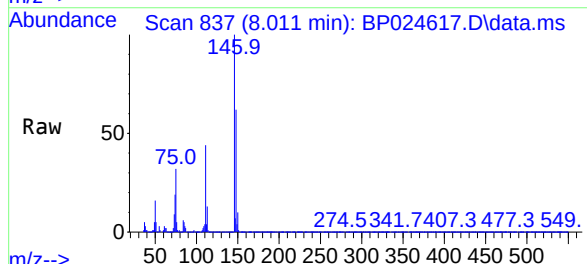
Tgt Ion:146 Resp: 168795

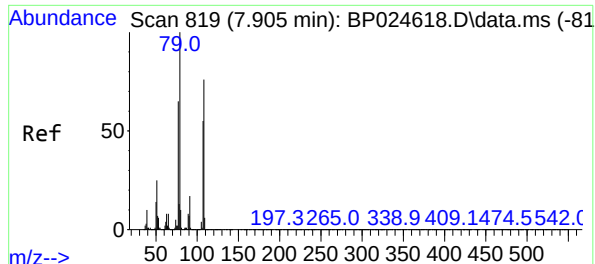
Ion Ratio Lower Upper

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

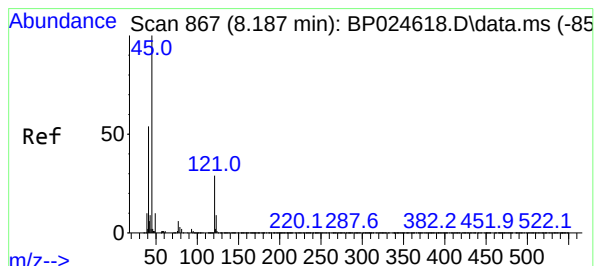
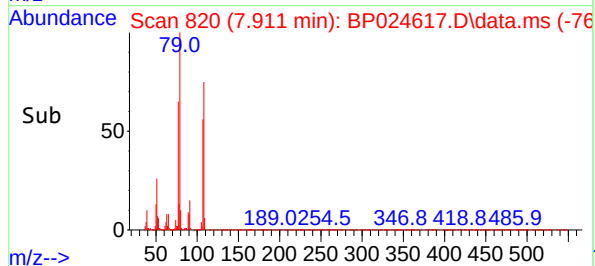
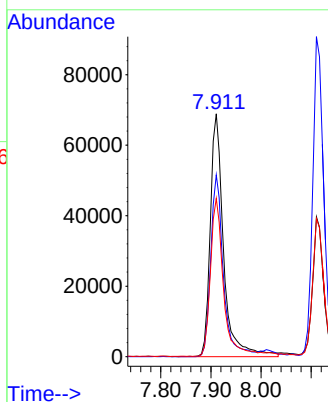
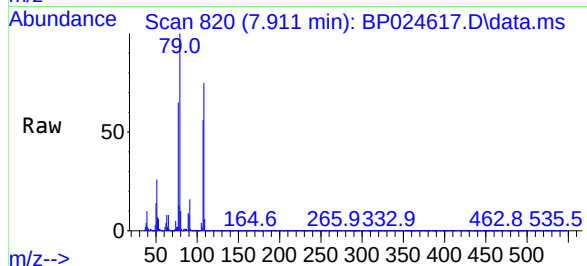
77 65.1 51.9 77.9

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

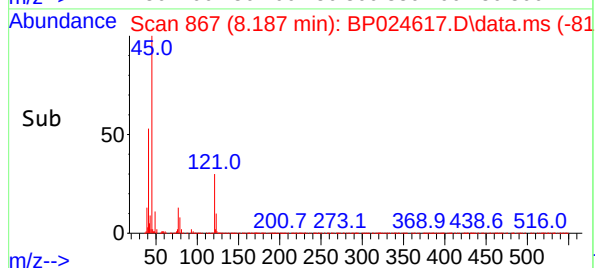
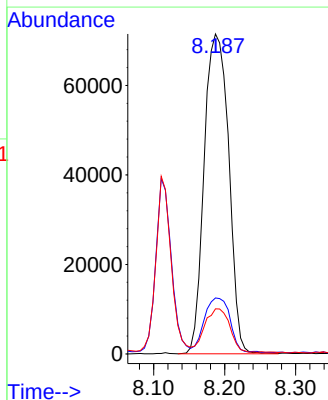
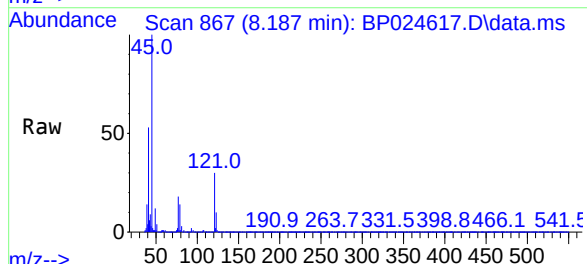
Tgt Ion: 45 Resp: 171274

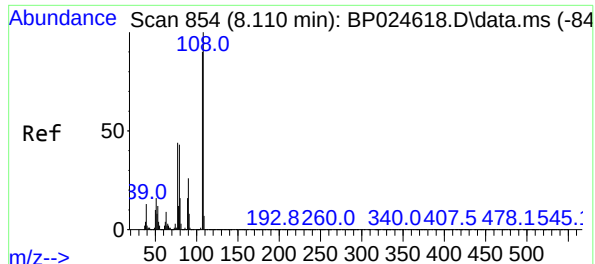
Ion Ratio Lower Upper

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# 854

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

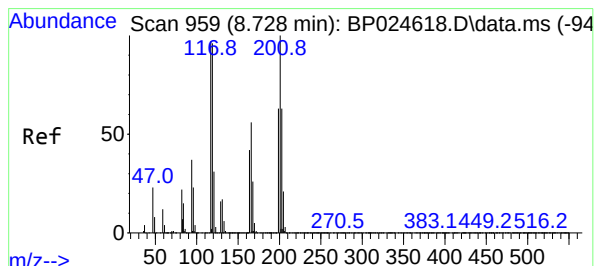
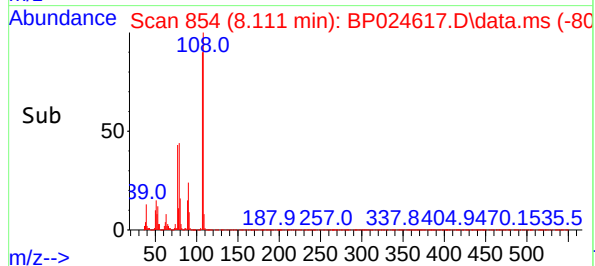
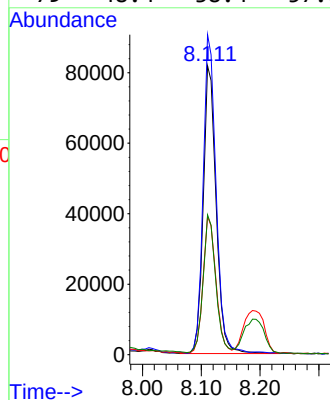
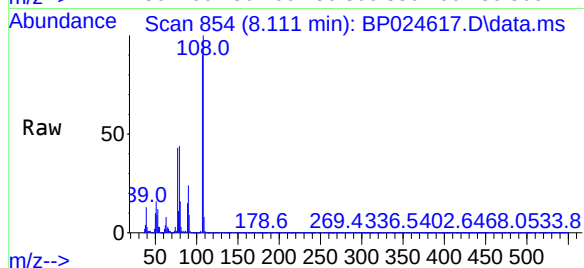
79 48.4 38.4 57.6

Manual Integrations

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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

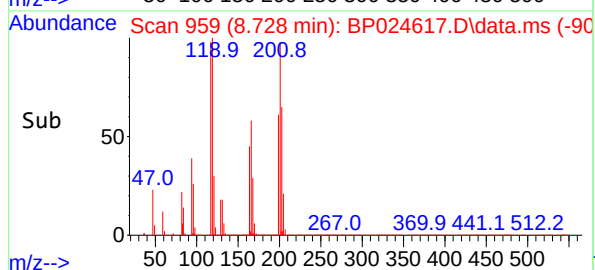
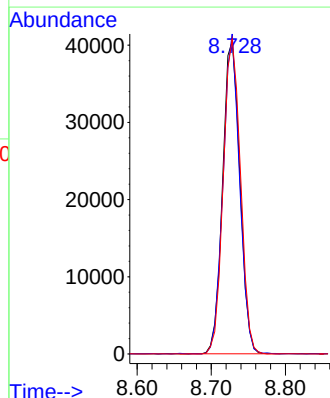
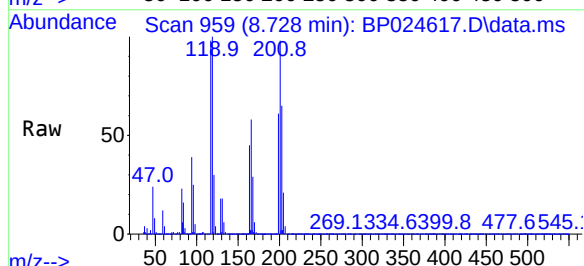
Tgt Ion:117 Resp: 65527

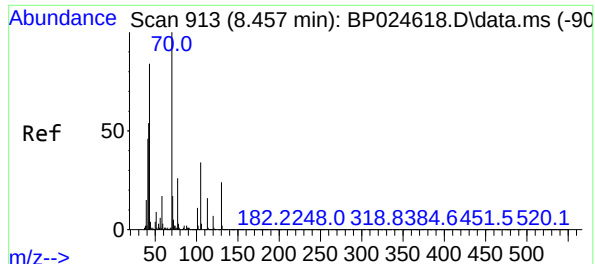
Ion Ratio Lower Upper

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

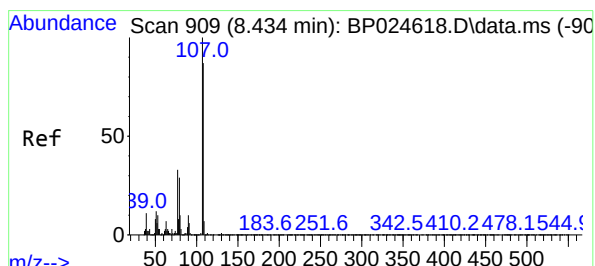
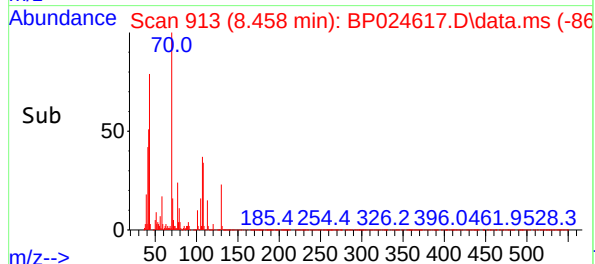
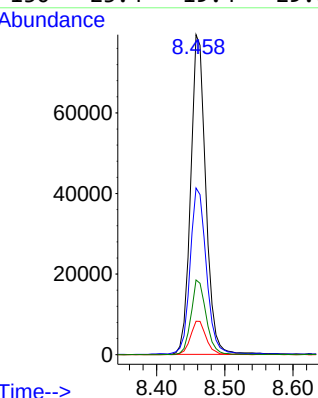
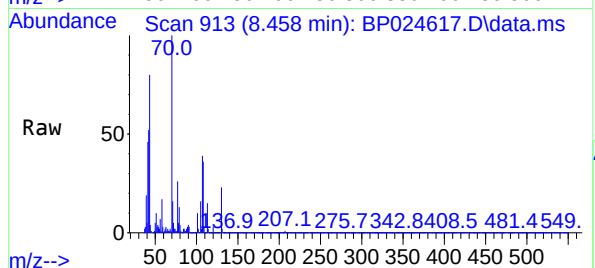
130 23.4 19.4 29.0

Manual Integrations

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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

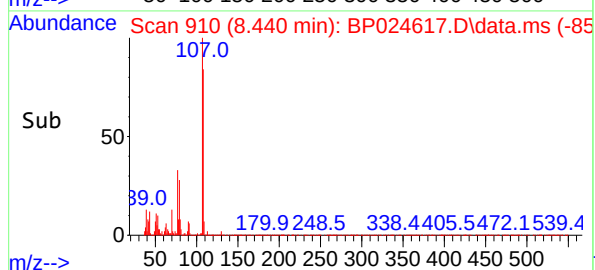
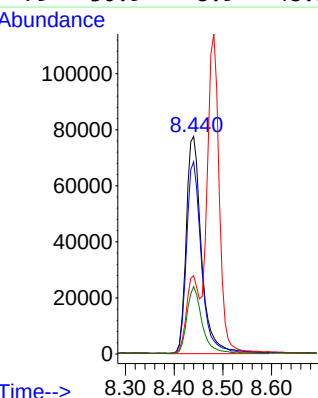
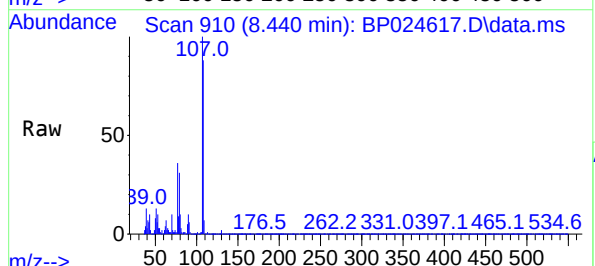
Ion Ratio Lower Upper

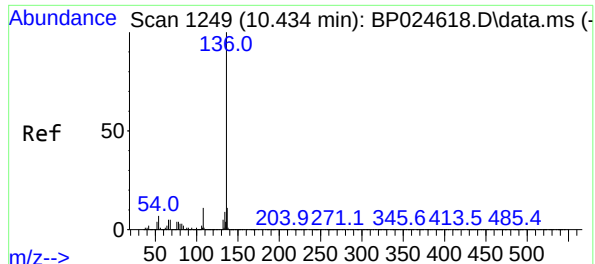
107 100

108 88.3 66.7 106.7

77 35.9 13.1 53.1

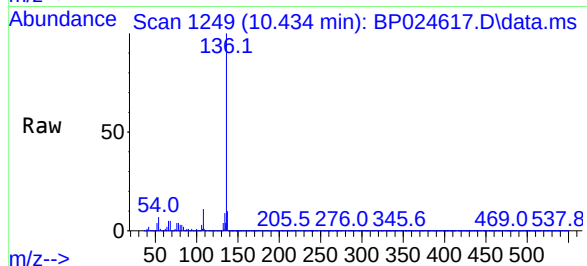
79 30.9 8.9 48.9





#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

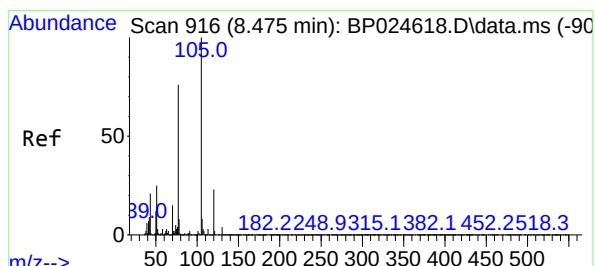
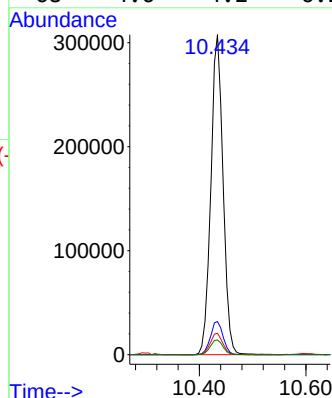
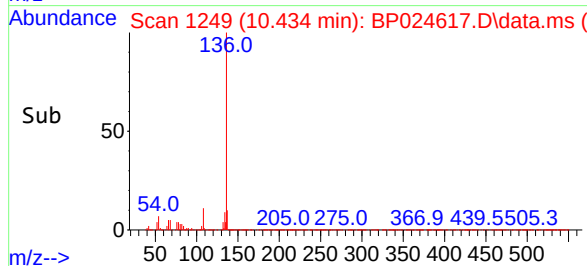
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

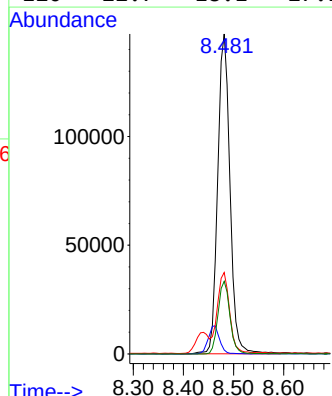
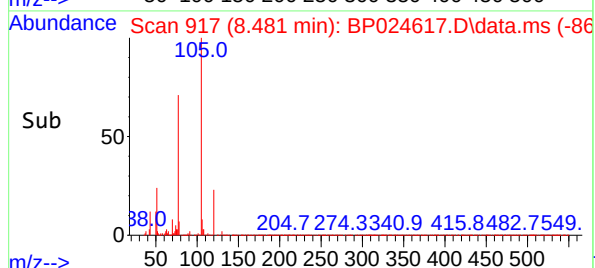
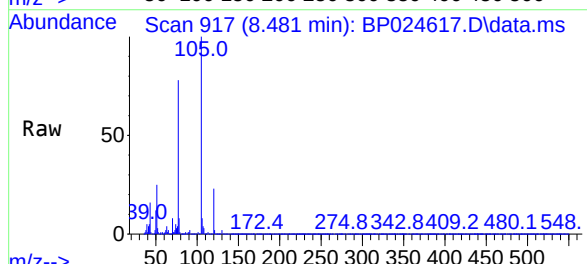
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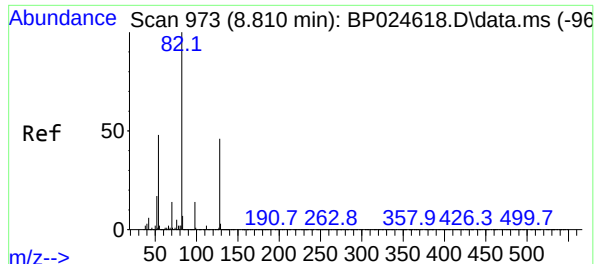
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

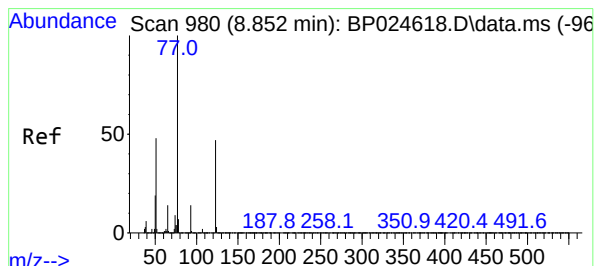
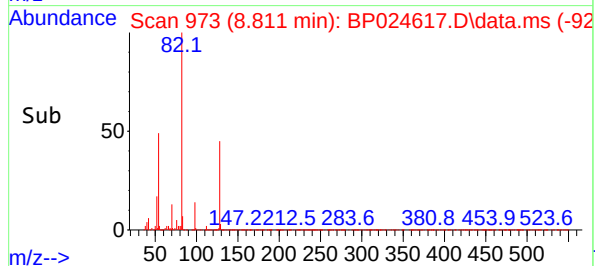
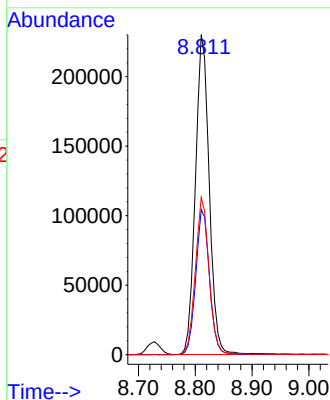
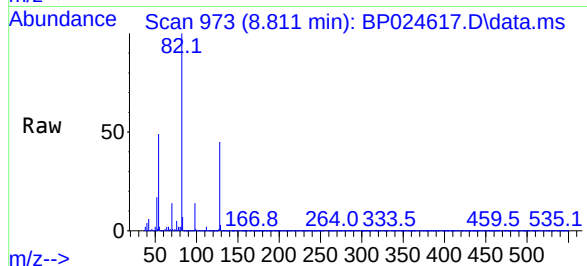
54 49.1 38.7 58.1

Manual Integrations

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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

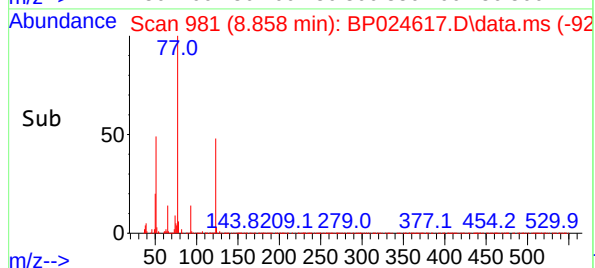
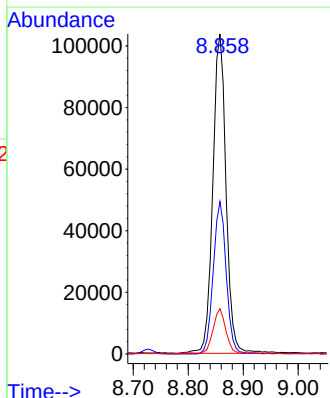
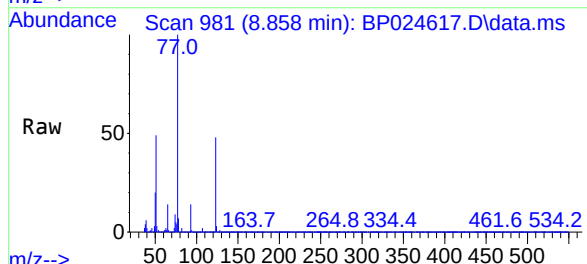
Tgt Ion: 77 Resp: 173686

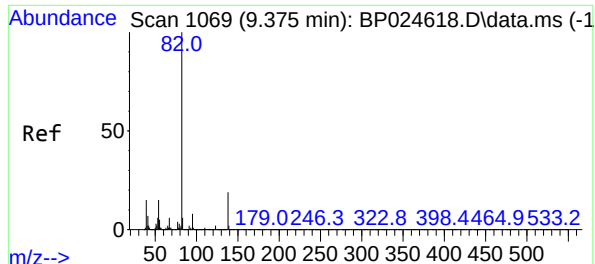
Ion Ratio Lower Upper

77 100

123 47.6 37.4 56.0

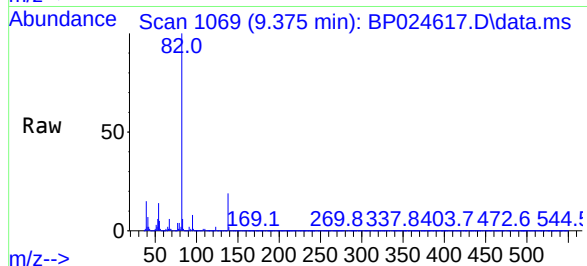
65 14.1 11.3 16.9





#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

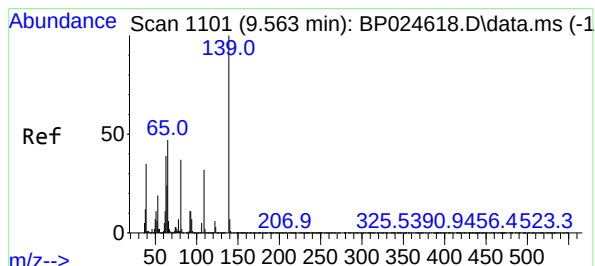
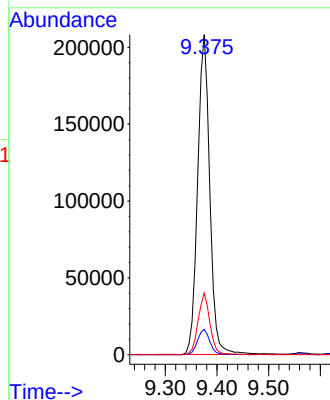
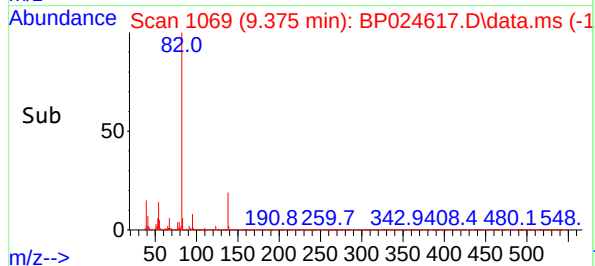
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

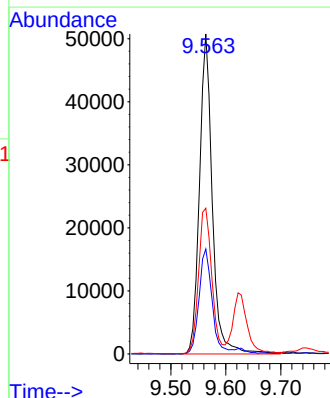
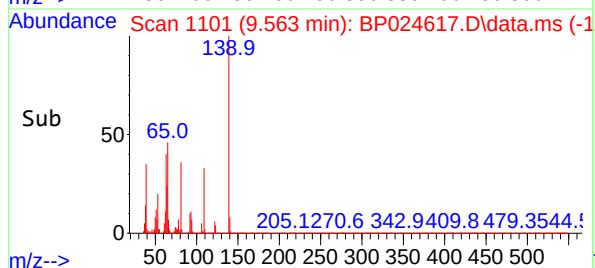
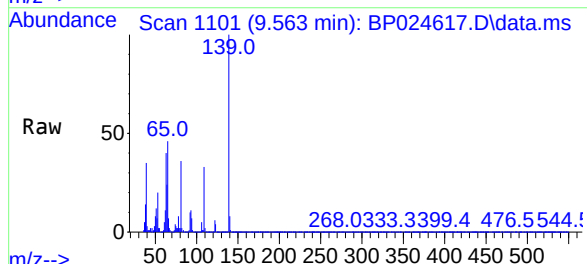
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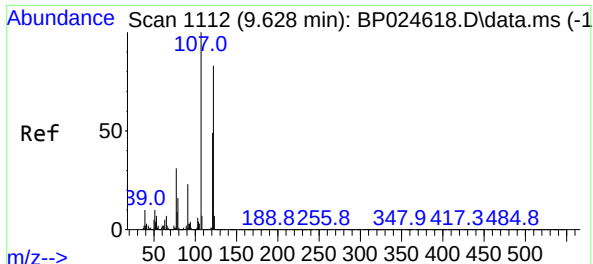
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

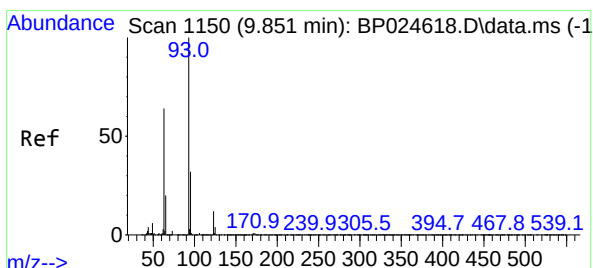
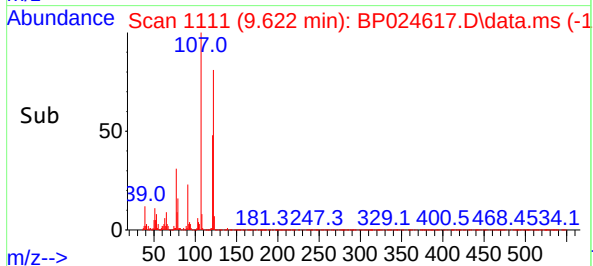
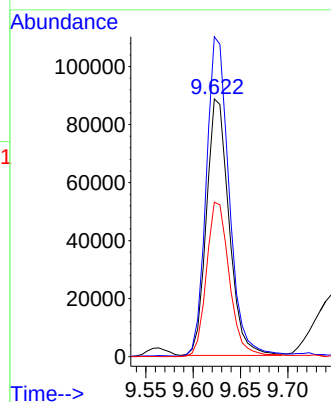
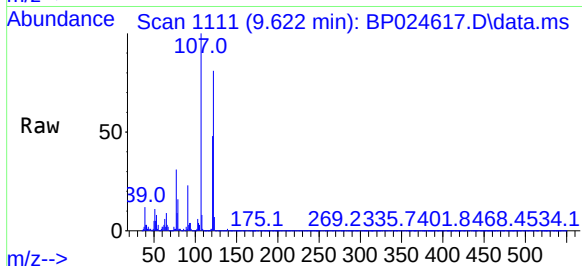
121 60.0 47.6 71.4

Manual Integrations

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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

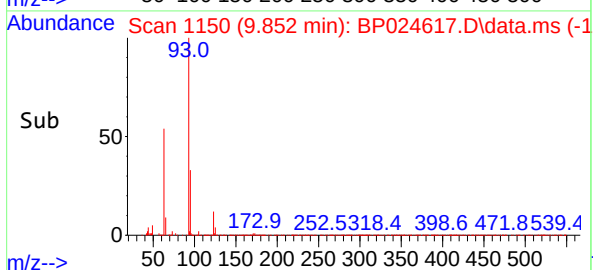
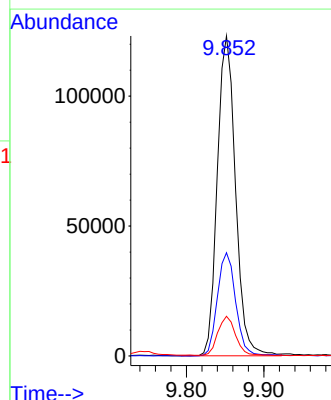
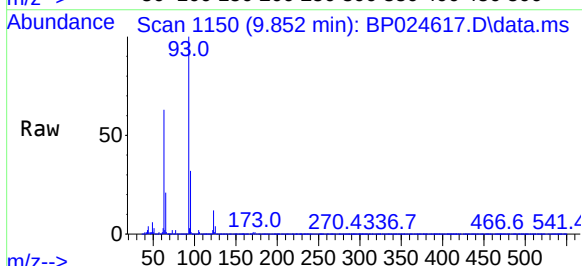
Tgt Ion: 93 Resp: 200872

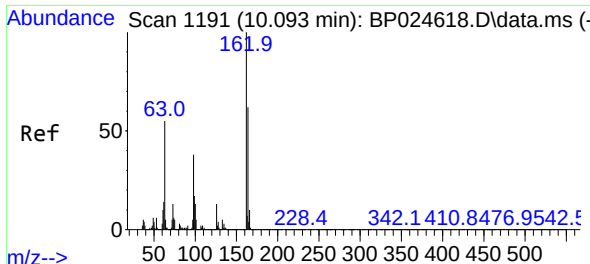
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 12.4 9.7 14.5





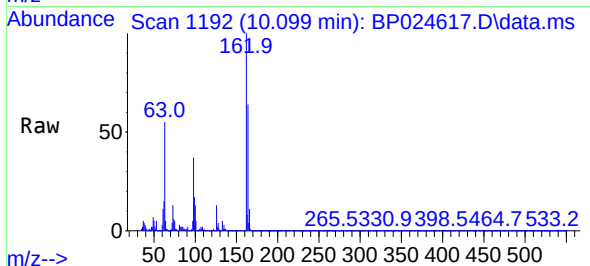
#29
2,4-Dichlorophenol
Concen: 19.90 ng
RT: 10.099 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

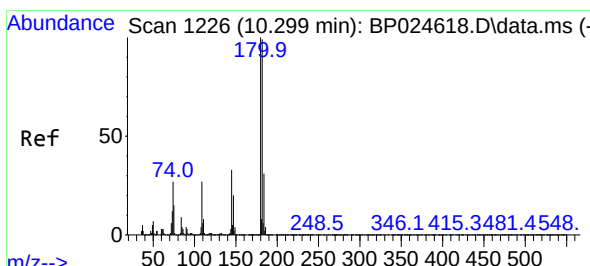
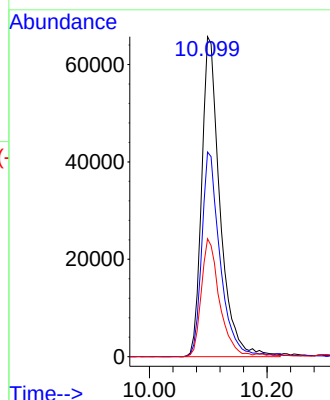
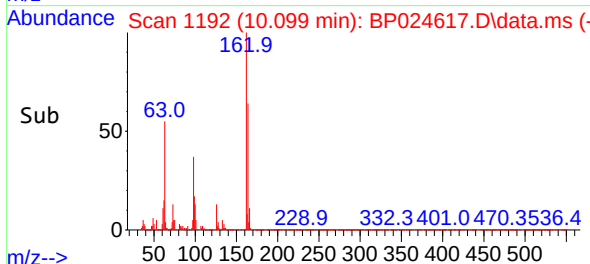


Tgt Ion:162 Resp: 141785
Ion Ratio Lower Upper
162 100
164 64.0 42.3 82.3
98 36.8 18.4 58.4

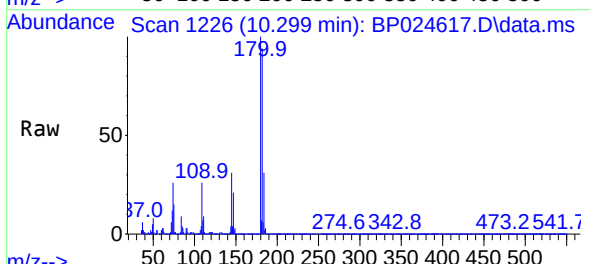
Manual Integrations

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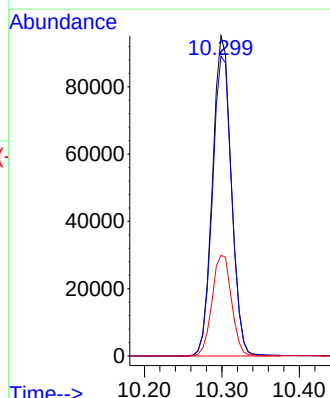
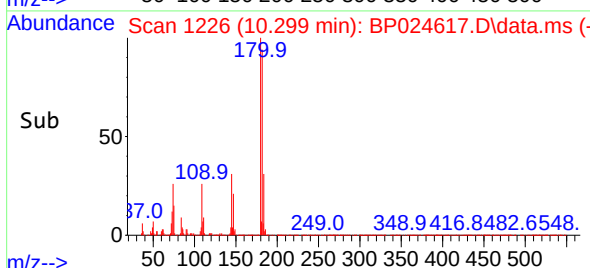
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

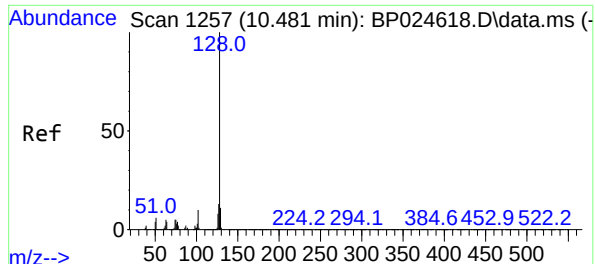


#30
1,2,4-Trichlorobenzene
Concen: 19.92 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



Tgt Ion:180 Resp: 159998
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 :

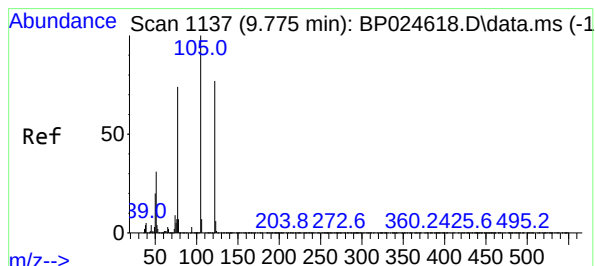
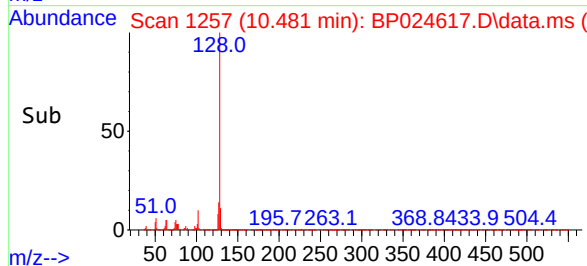
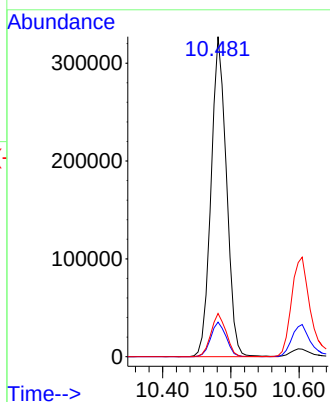
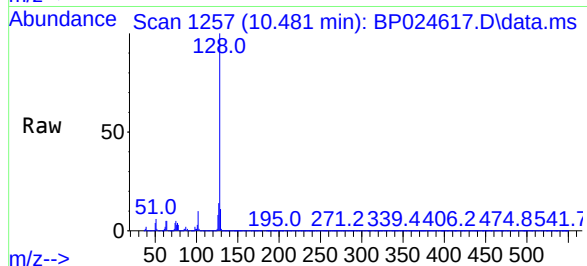
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.7	16.1

Manual Integrations

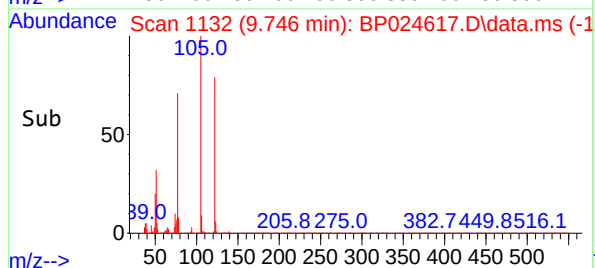
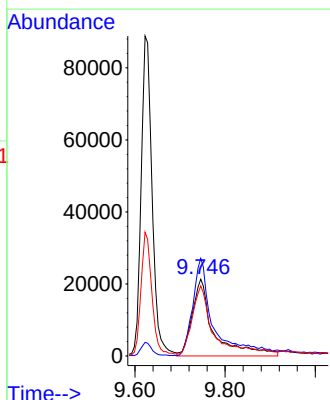
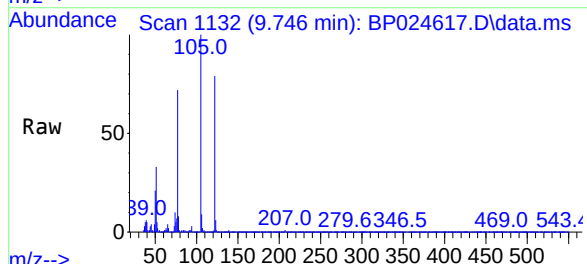
APPROVED

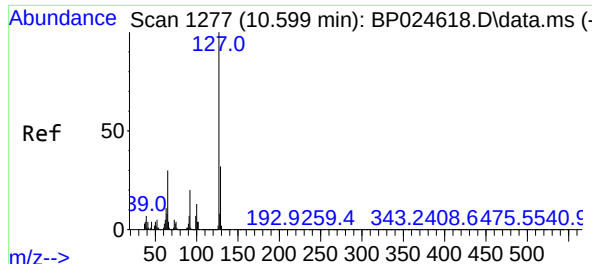
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

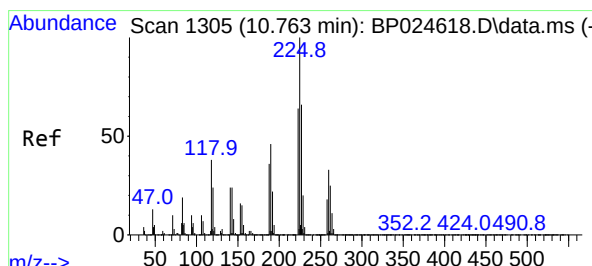
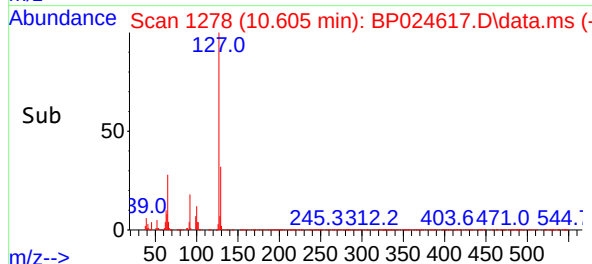
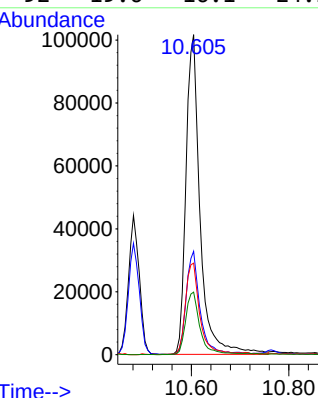
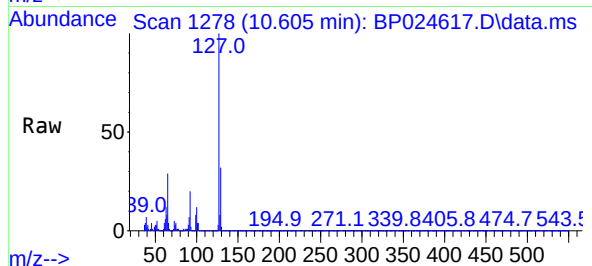
92 19.6 16.1 24.1

Manual Integrations

APPROVED

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

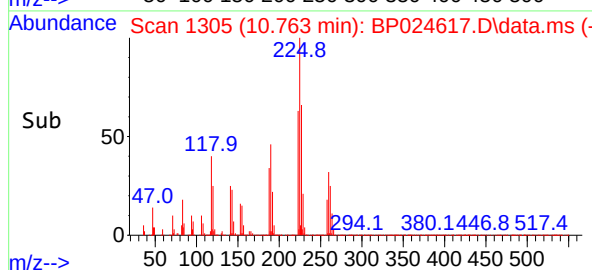
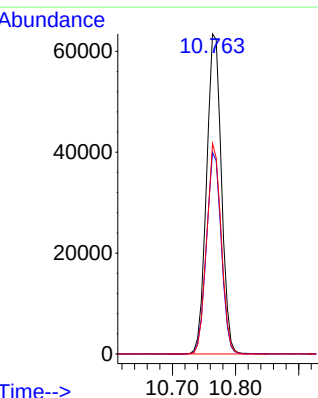
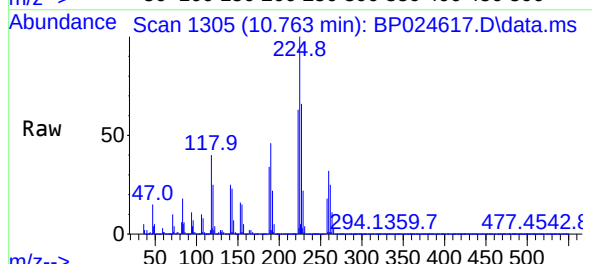
Tgt Ion:225 Resp: 103364

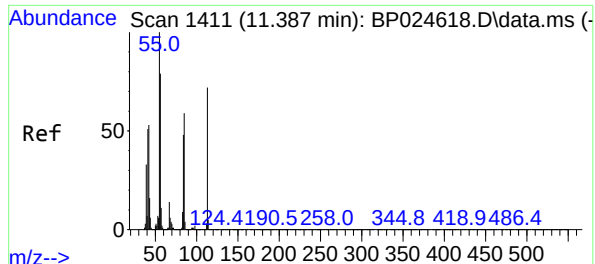
Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

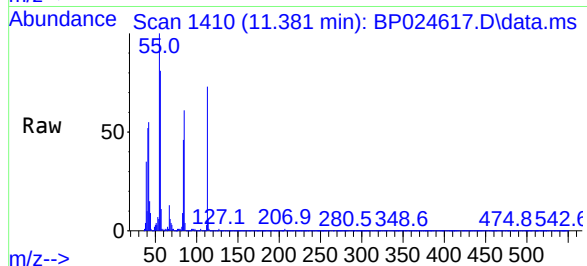
227 65.8 53.1 79.7





#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

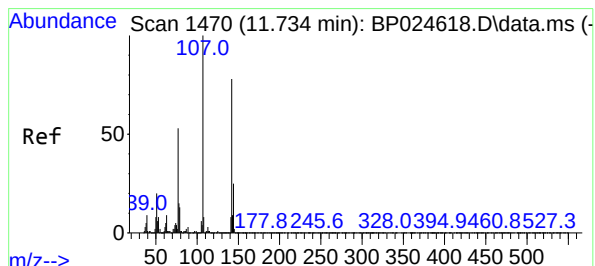
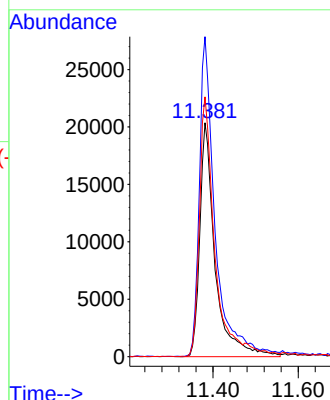
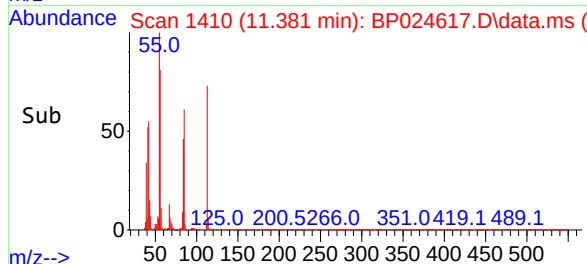
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

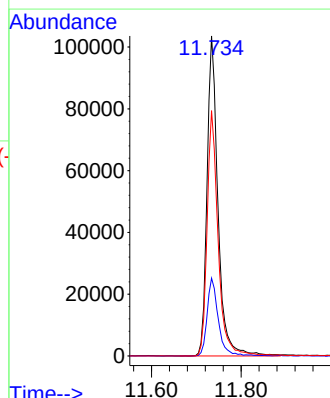
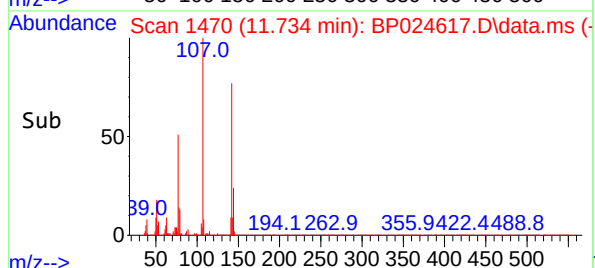
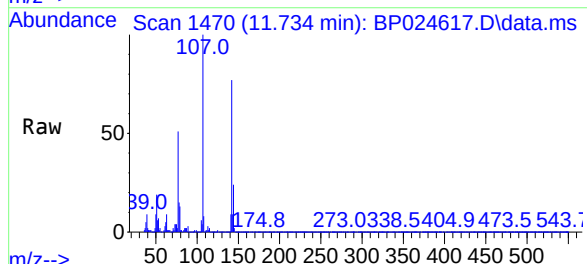
Manual Integrations
APPROVED

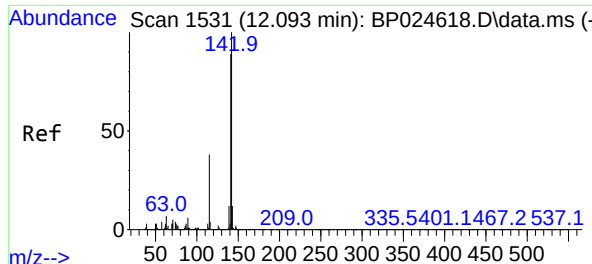
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

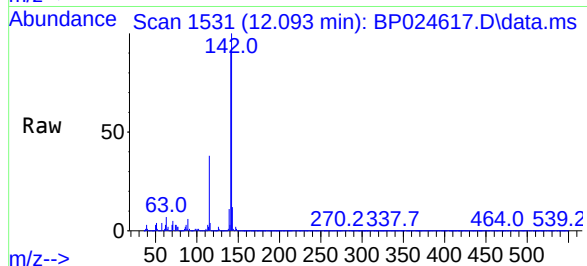
Tgt Ion:107 Resp: 174840
Ion Ratio Lower Upper
107 100
144 24.3 20.1 30.1
142 76.6 62.1 93.1





#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

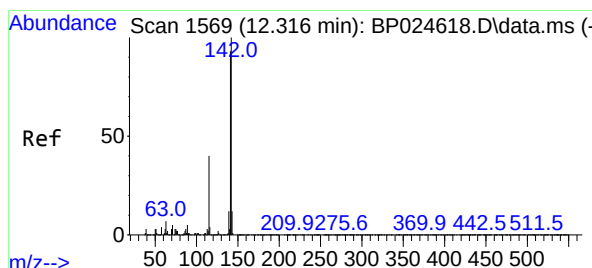
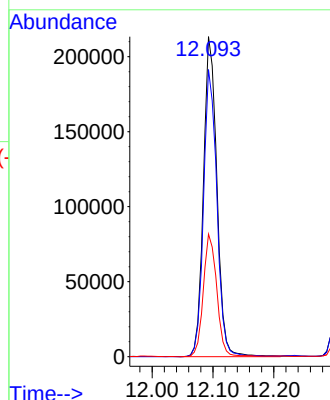
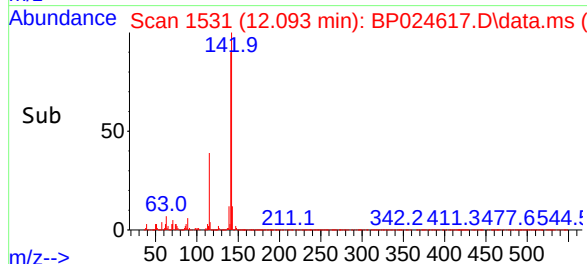
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



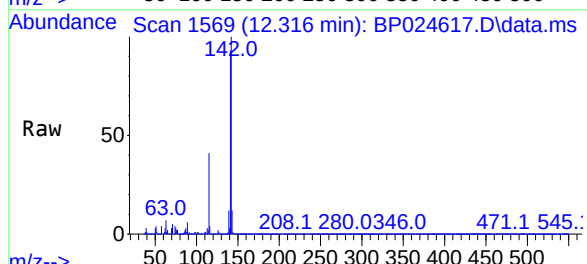
Tgt Ion:142 Resp: 32744
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8
115 38.3 30.6 46.0

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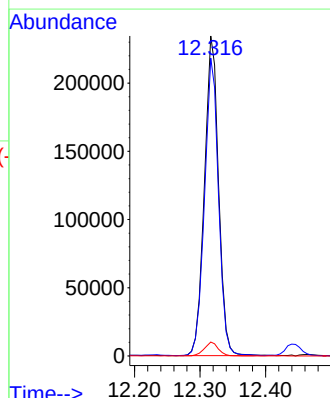
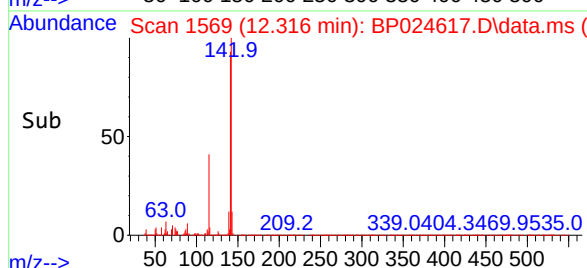
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

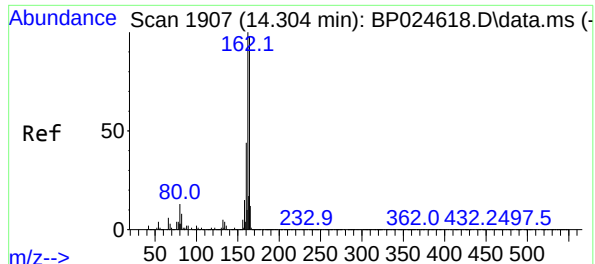


#38
1-Methylnaphthalene
Concen: 20.07 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



Tgt Ion:142 Resp: 352091
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

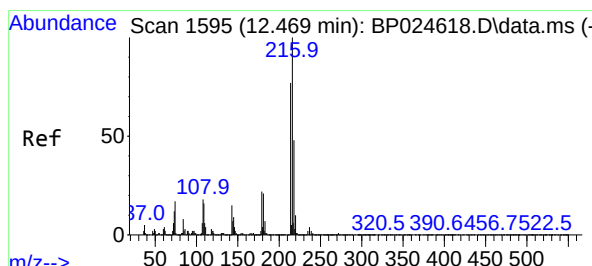
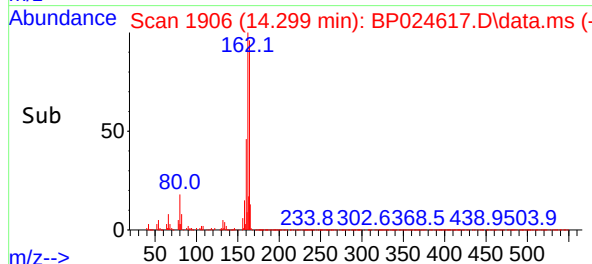
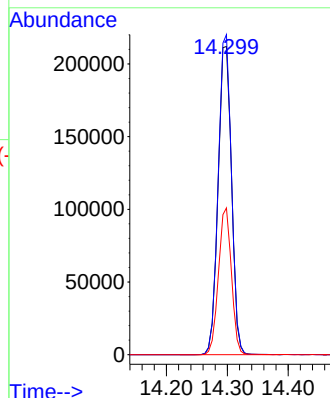
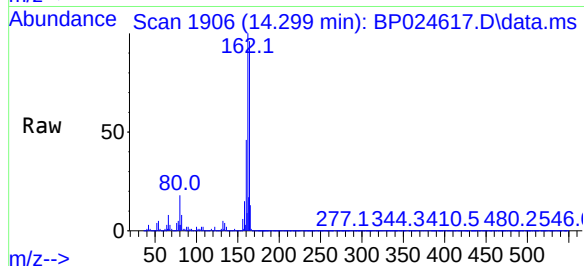
160 47.6 36.3 54.5

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

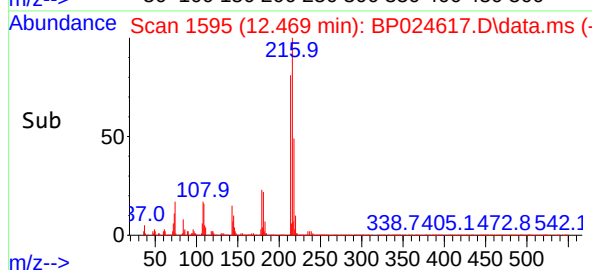
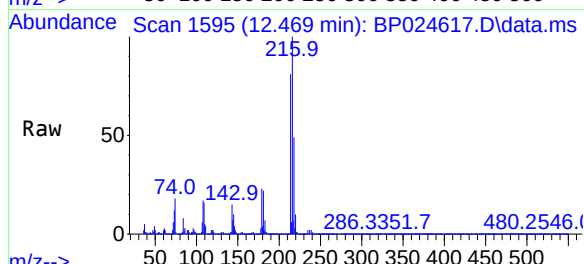
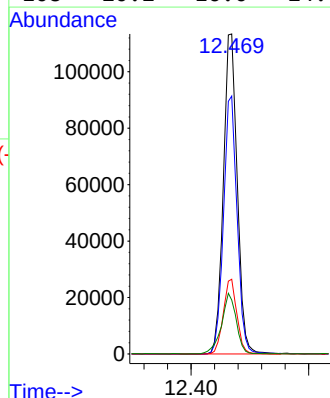
Ion Ratio Lower Upper

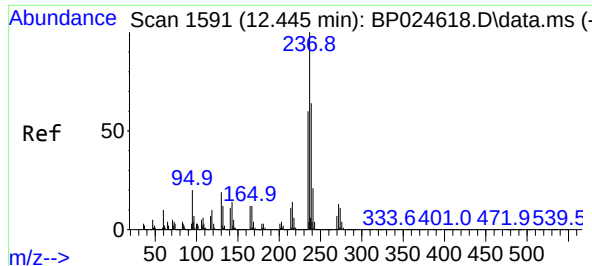
216 100

214 79.1 62.3 93.5

179 22.9 17.7 26.5

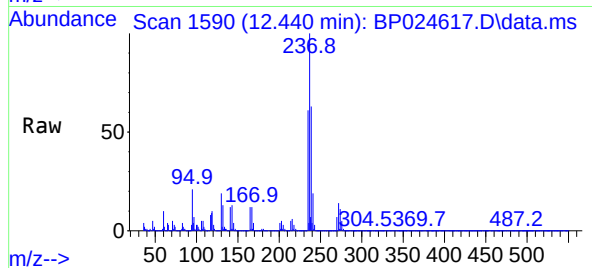
108 20.2 16.0 24.0





#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

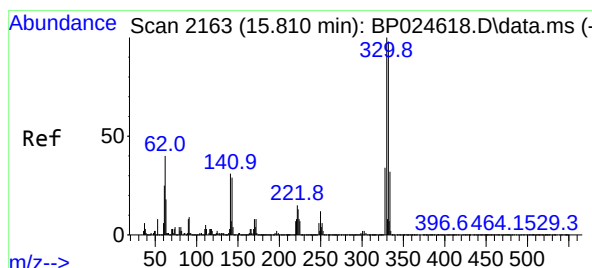
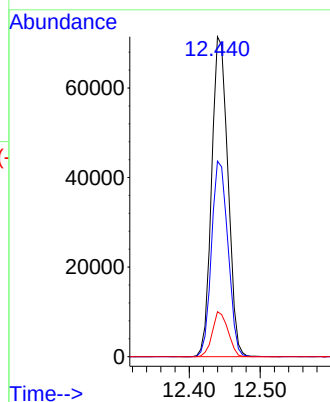
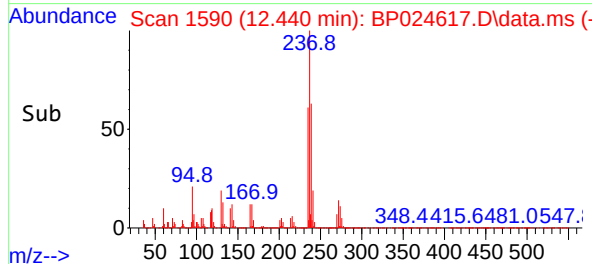
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

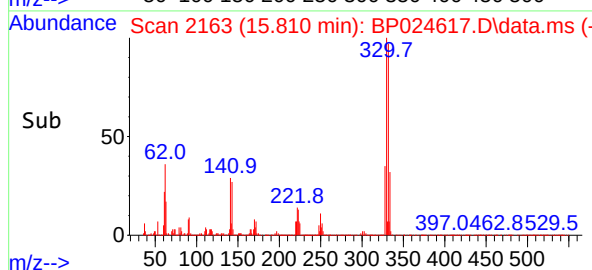
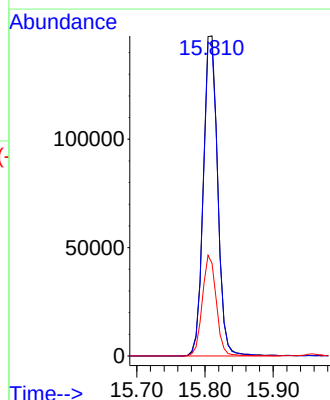
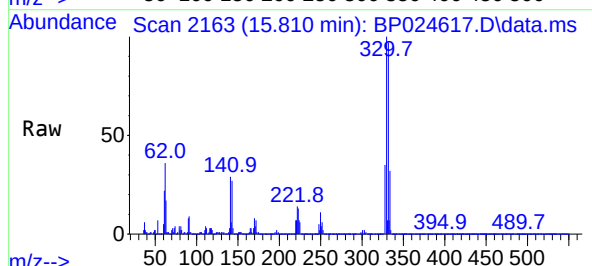
Manual Integrations
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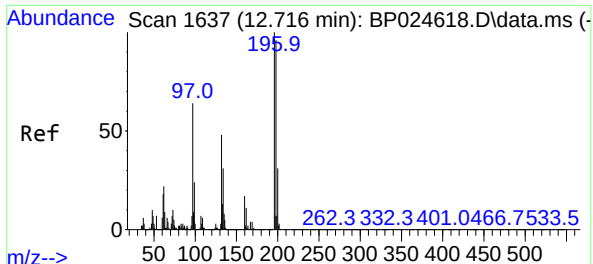
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

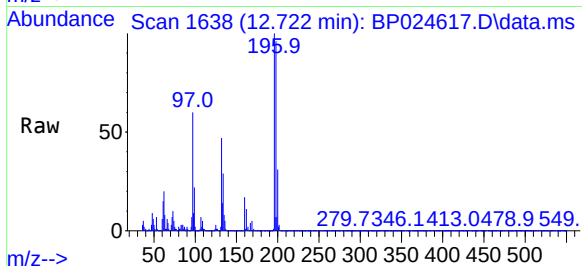
Tgt Ion: 330 Resp: 217092
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 30.5 24.3 36.5





#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

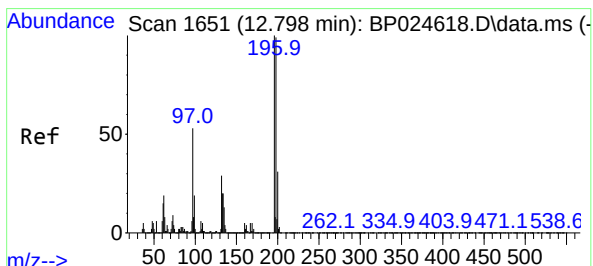
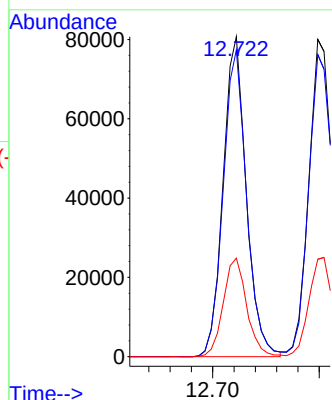
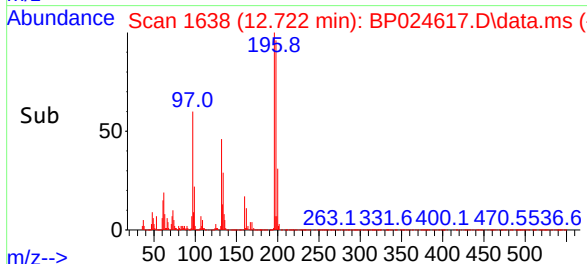
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



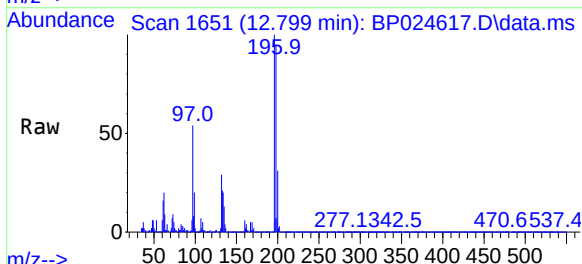
Tgt Ion:196 Resp: 121520
Ion Ratio Lower Upper
196 100
198 95.8 76.9 115.3
200 30.8 25.2 37.8

Manual Integrations
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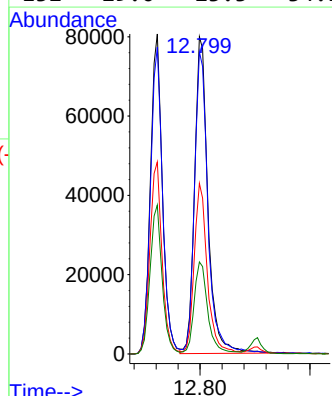
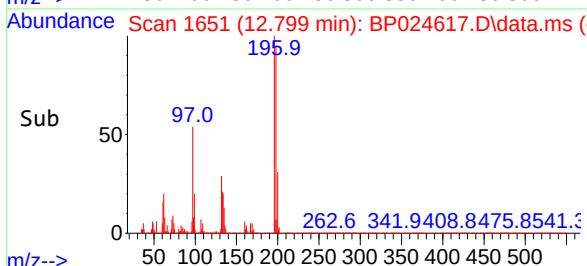
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

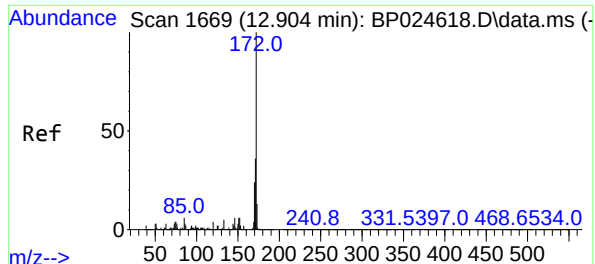


#44
2,4,5-Trichlorophenol
Concen: 19.95 ng
RT: 12.799 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



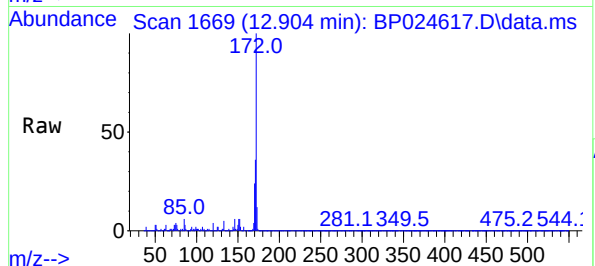
Tgt Ion:196 Resp: 135306
Ion Ratio Lower Upper
196 100
198 95.2 79.2 118.8
97 53.8 42.3 63.5
132 29.0 23.3 34.9





#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

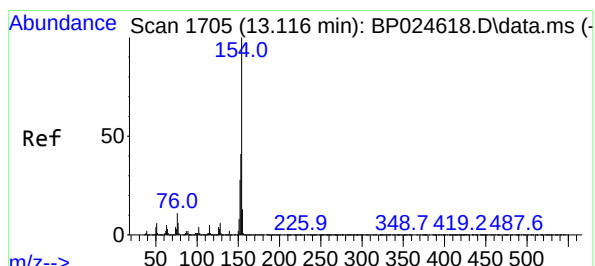
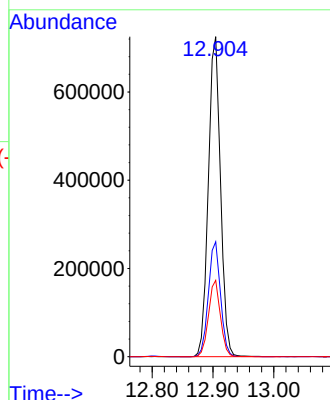
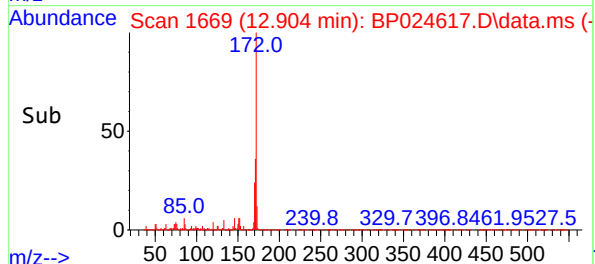
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

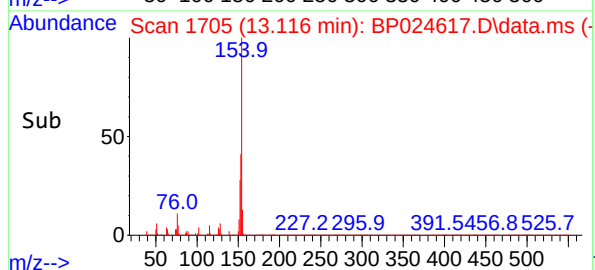
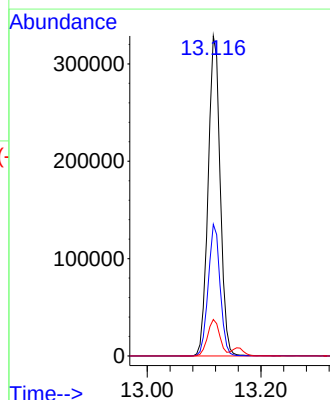
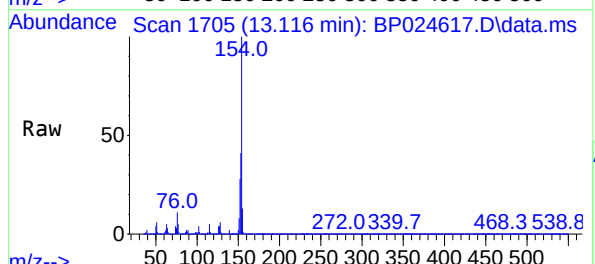
Manual Integrations
APPROVED

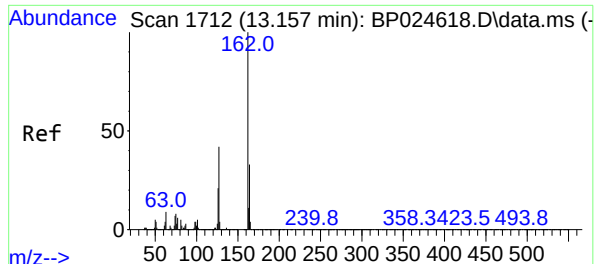
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





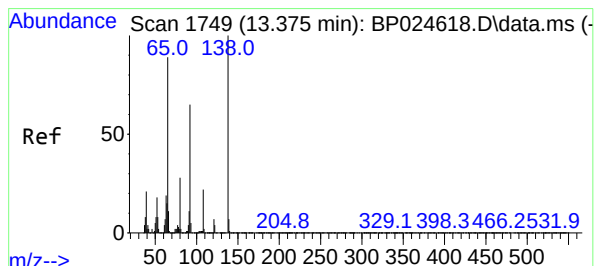
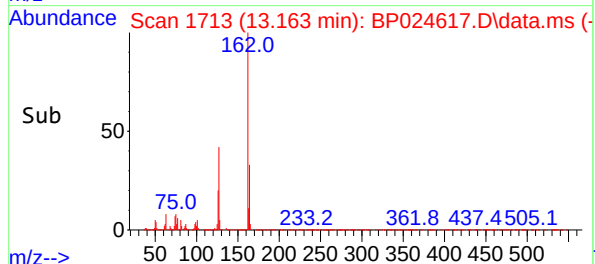
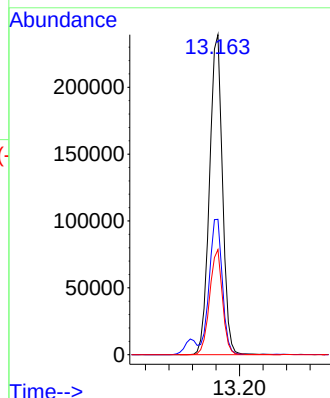
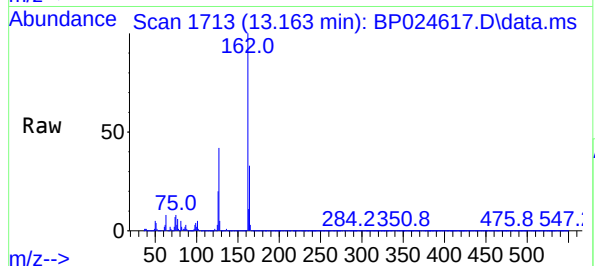
#47
2-Chloronaphthalene
Concen: 20.06 ng
RT: 13.163 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

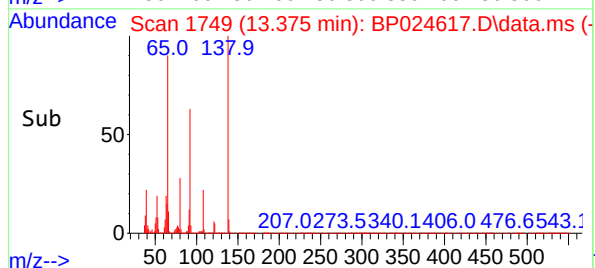
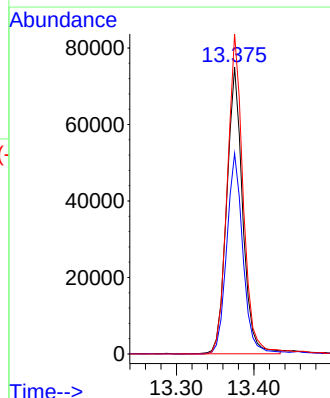
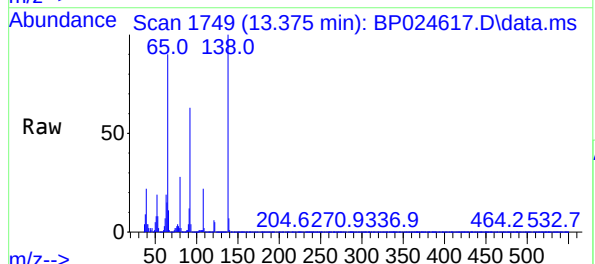
Manual Integrations
APPROVED

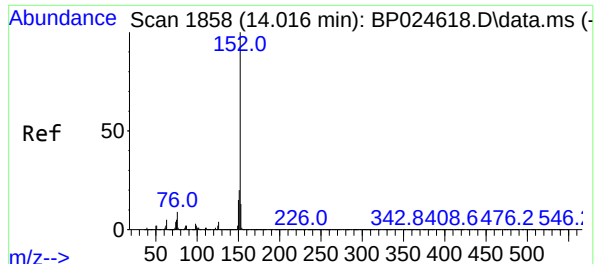
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

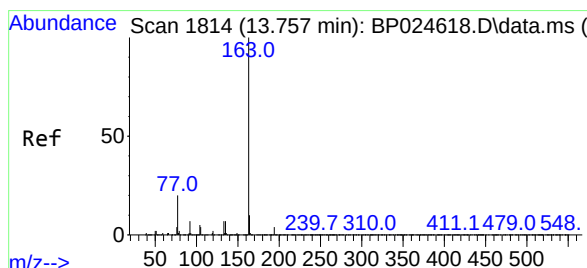
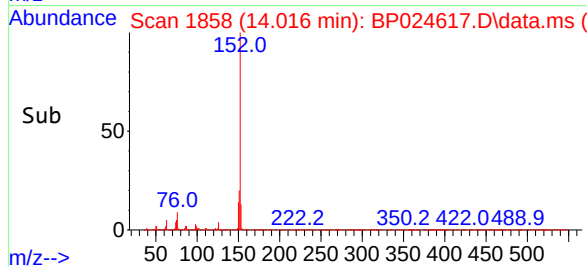
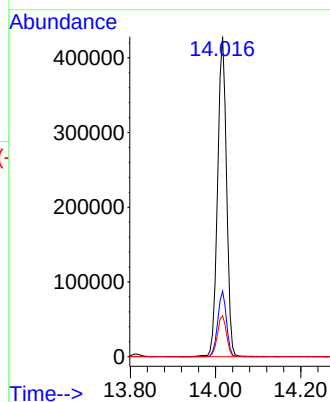
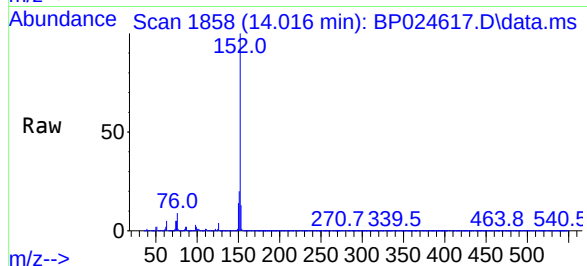
Tgt Ion:	152	Resp:	62199
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	12.8	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#50

Dimethylphthalate

Concen: 19.91 ng

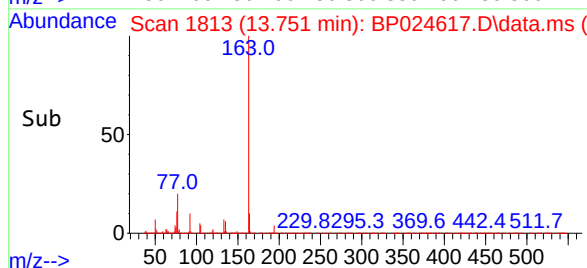
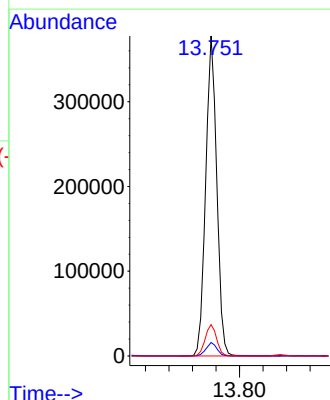
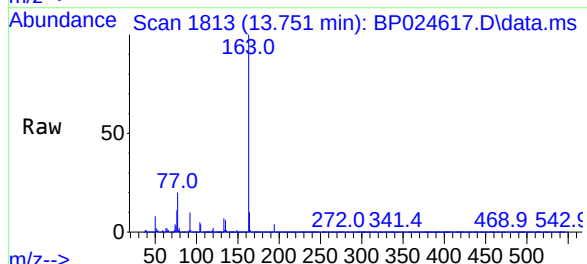
RT: 13.751 min Scan# 1813

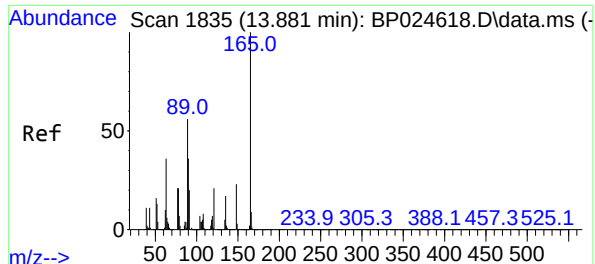
Delta R.T. -0.006 min

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





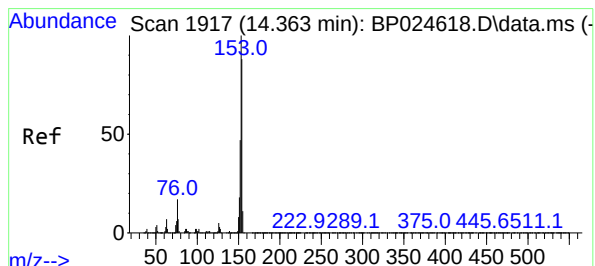
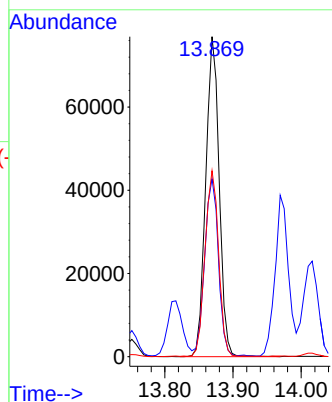
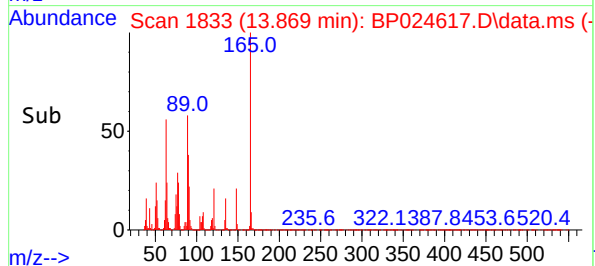
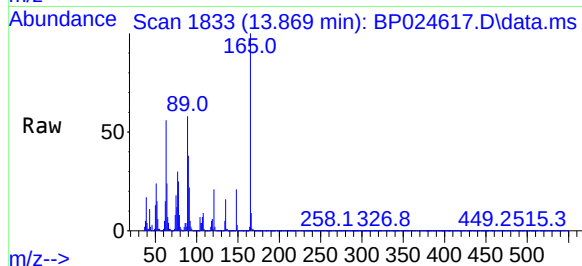
#51
2,6-Dinitrotoluene
Concen: 20.23 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

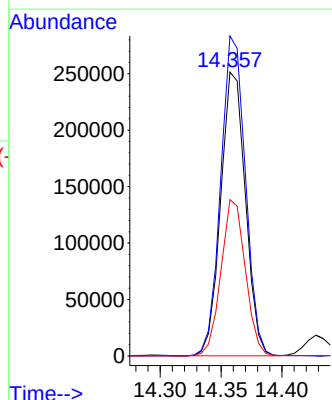
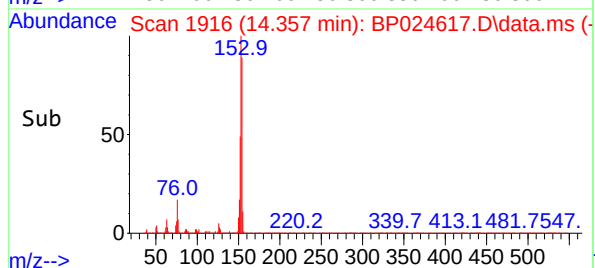
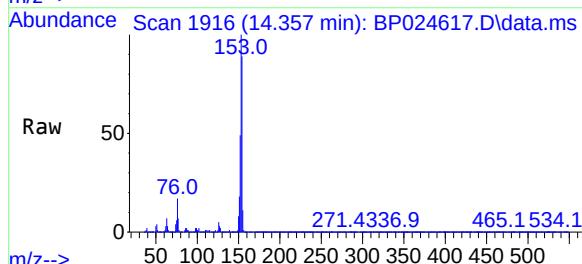
Manual Integrations
APPROVED

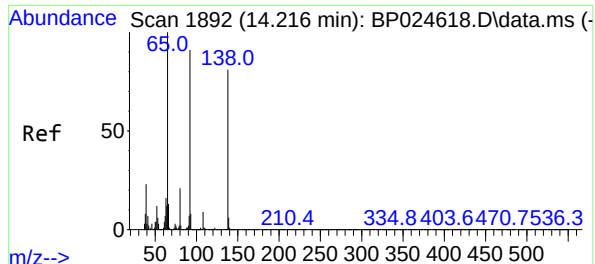
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

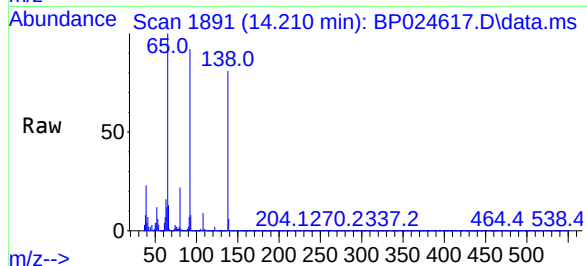
Tgt Ion:154 Resp: 354519
Ion Ratio Lower Upper
154 100
153 112.7 91.0 136.4
152 55.1 42.9 64.3





#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

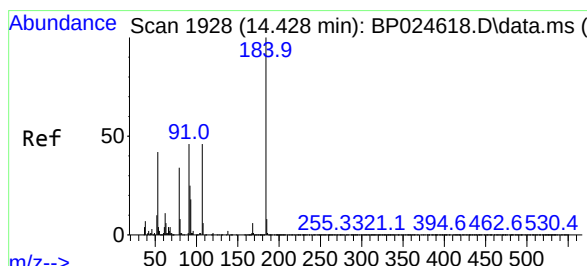
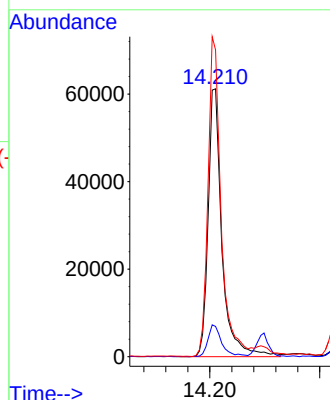
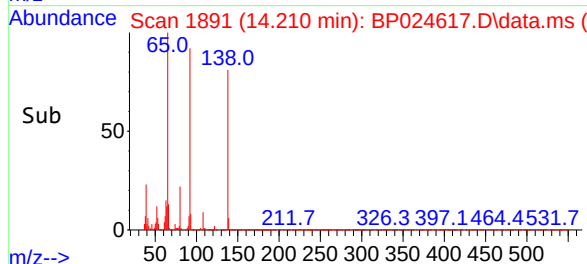
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

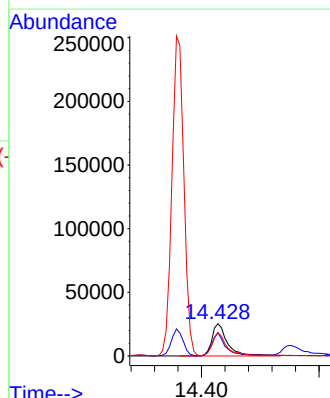
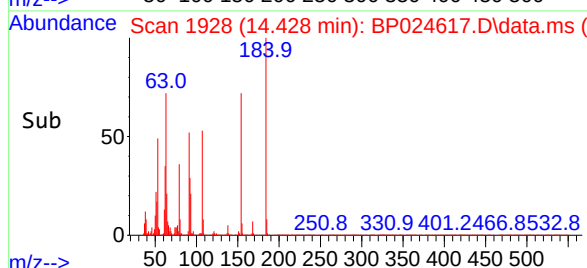
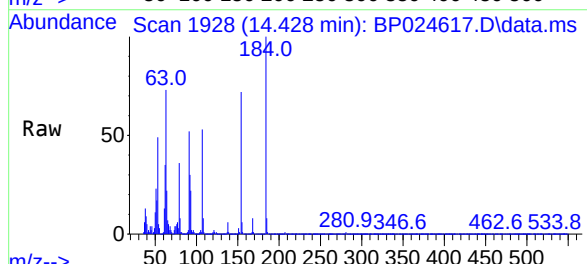
Manual Integrations
APPROVED

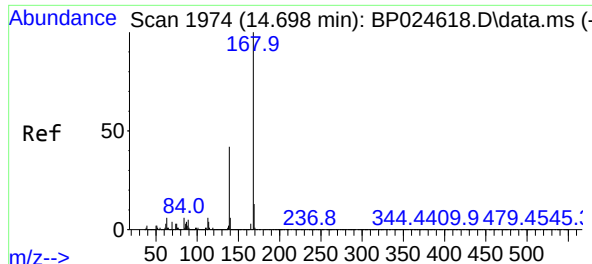
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

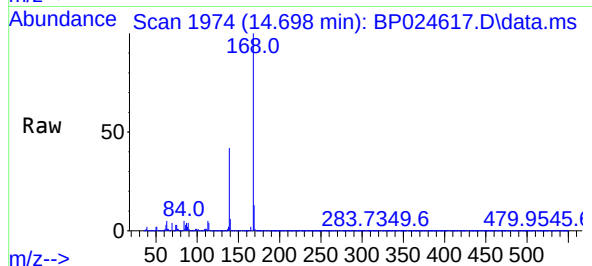
Tgt Ion:184 Resp: 46351
Ion Ratio Lower Upper
184 100
63 72.5 51.3 76.9
154 72.4 53.5 80.3





#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

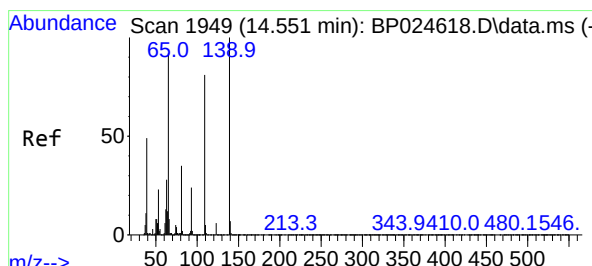
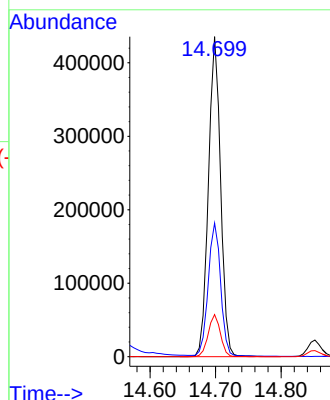
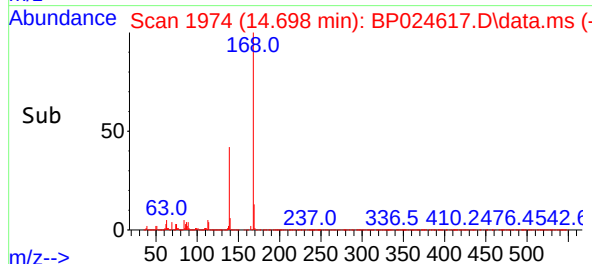
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

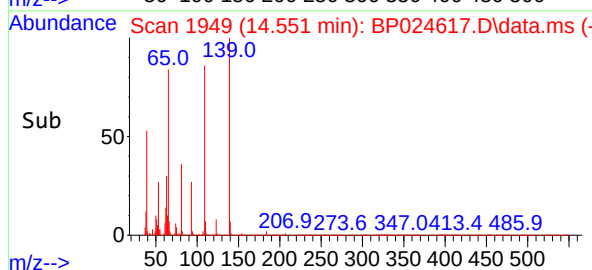
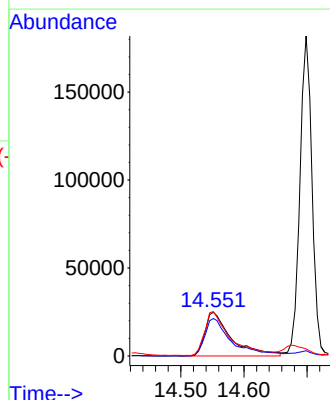
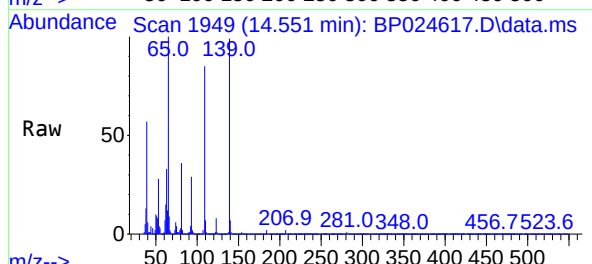
Manual Integrations
APPROVED

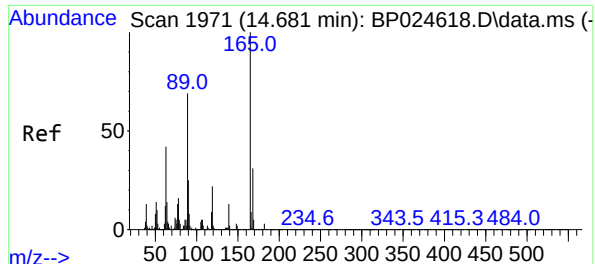
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

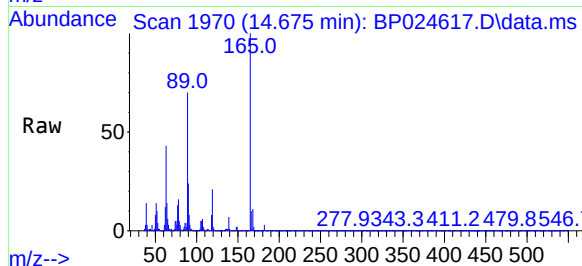
Tgt Ion:139 Resp: 71975
Ion Ratio Lower Upper
139 100
109 85.7 61.4 101.4
65 101.4 72.2 112.2





#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

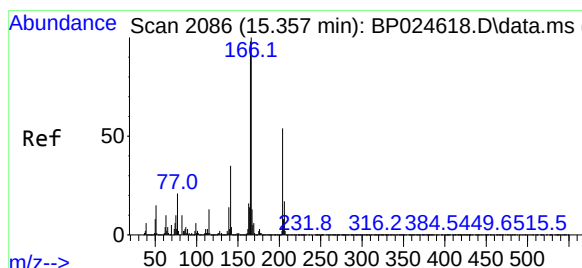
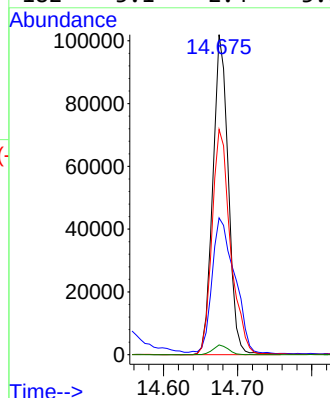
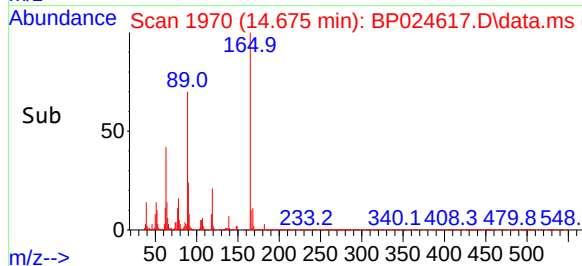
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

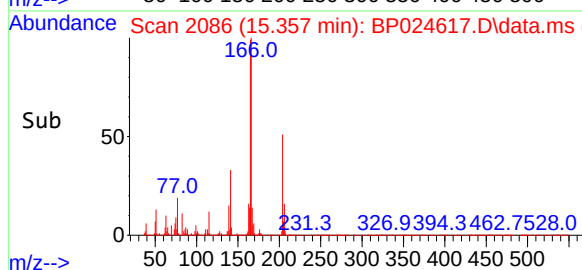
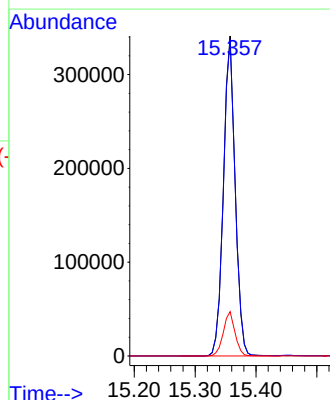
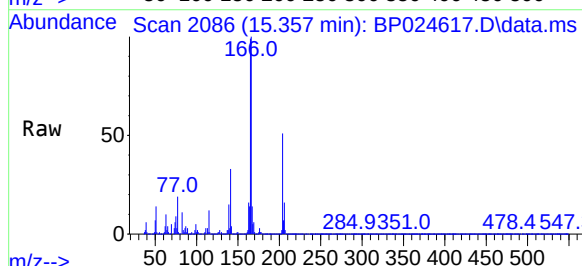
Manual Integrations
APPROVED

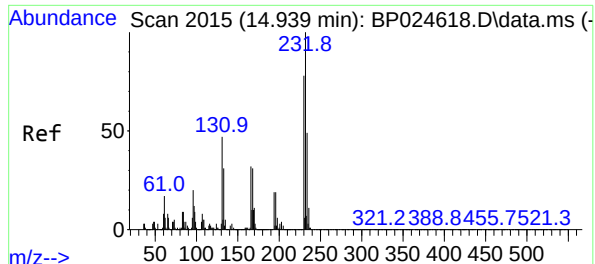
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

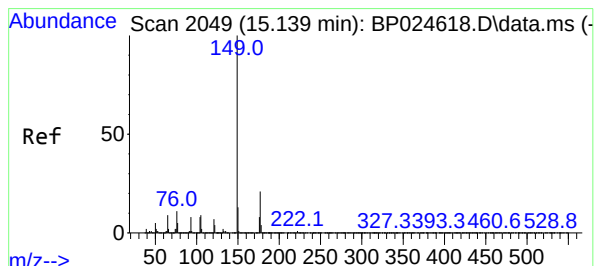
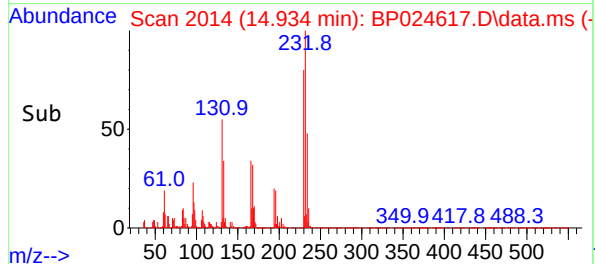
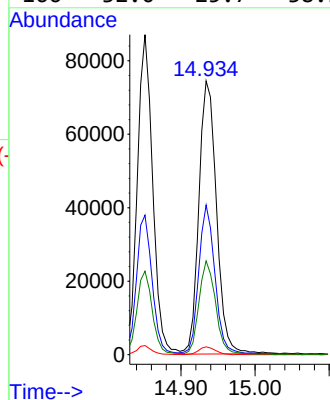
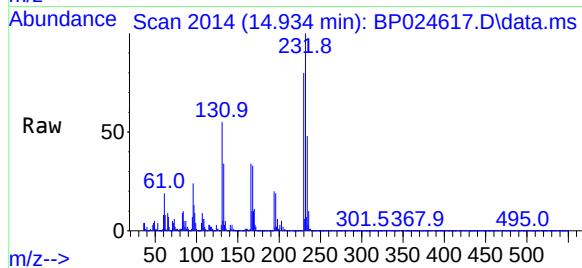
166 32.0 25.7 38.5

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

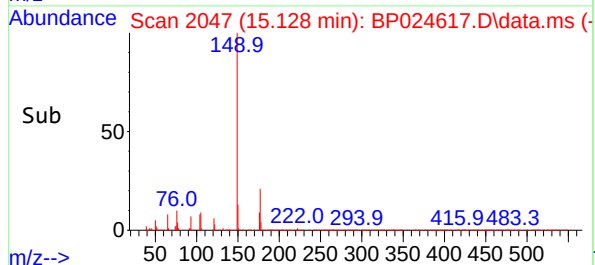
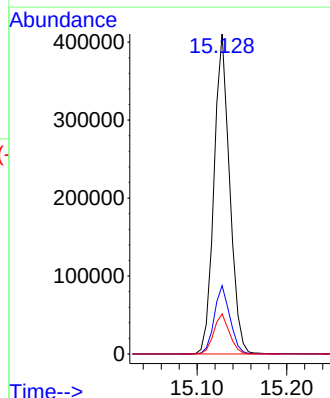
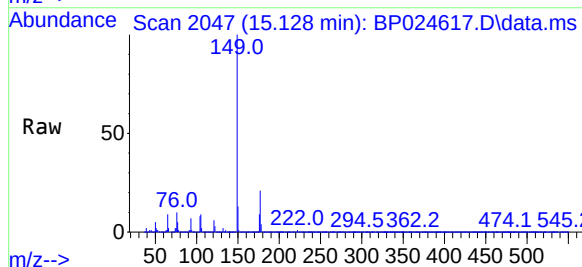
Tgt Ion:149 Resp: 497916

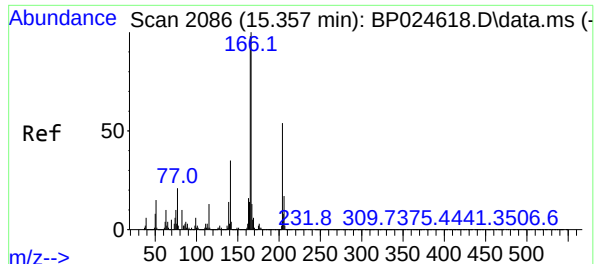
Ion Ratio Lower Upper

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 :

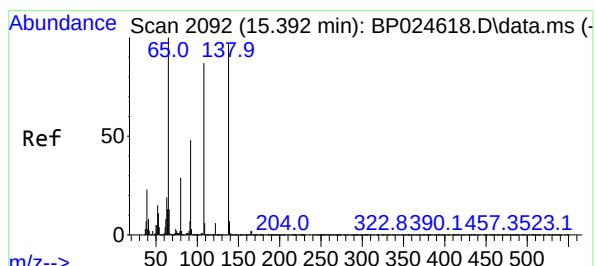
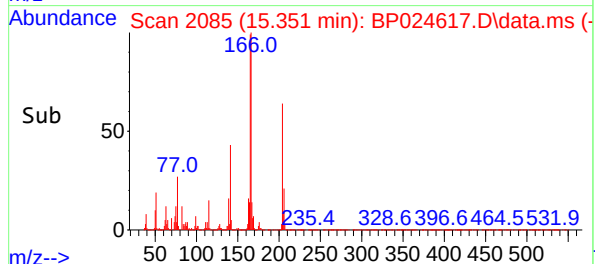
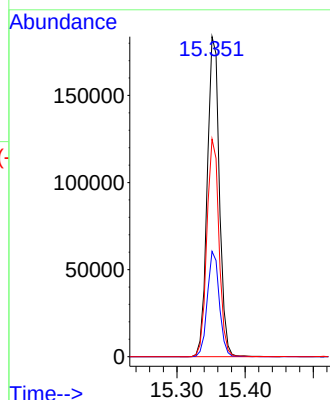
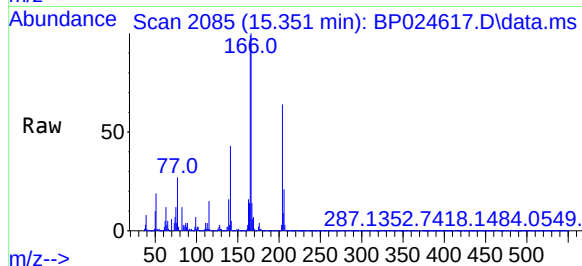
SSTDICC020

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

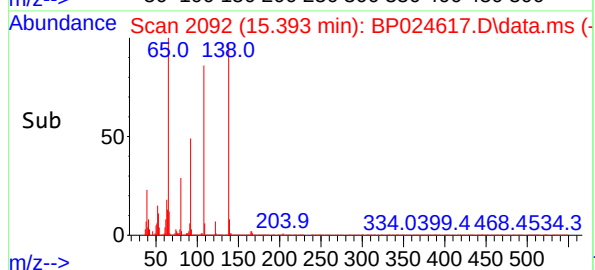
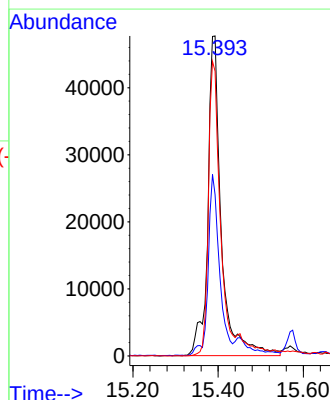
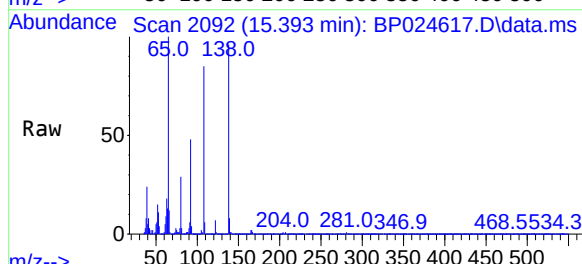
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

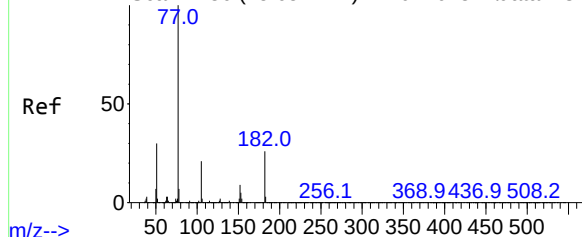


#62
4-Nitroaniline
Concen: 20.37 ng
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

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

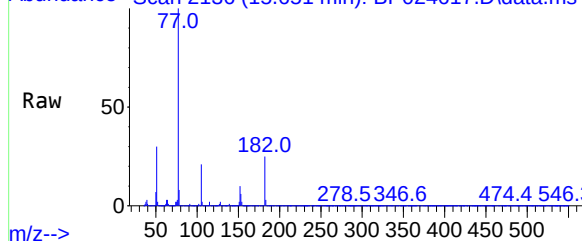
Manual Integrations

APPROVED

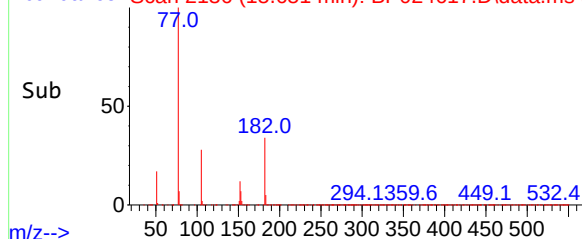
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

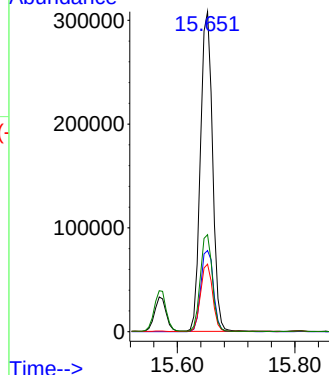
Abundance Scan 2136 (15.651 min): BP024617.D\data.ms



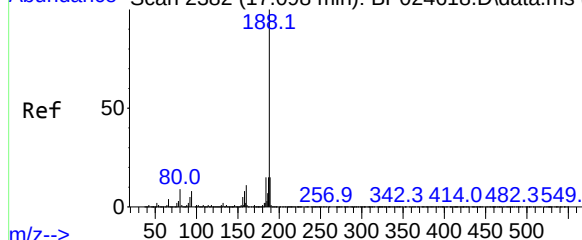
Abundance Scan 2136 (15.651 min): BP024617.D\data.ms (-



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

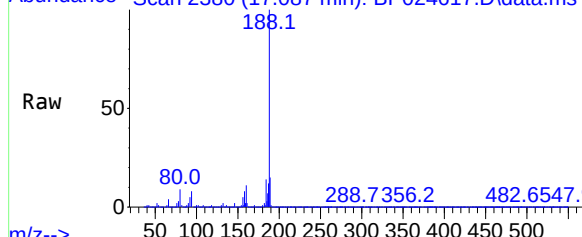
Ion Ratio Lower Upper

188 100

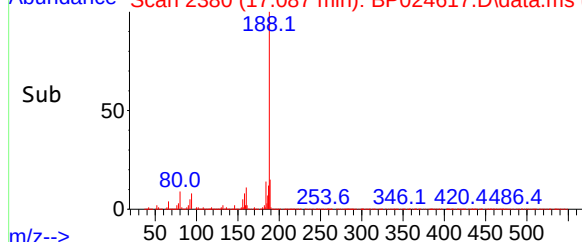
94 8.3 6.5 9.7

80 9.2 7.3 10.9

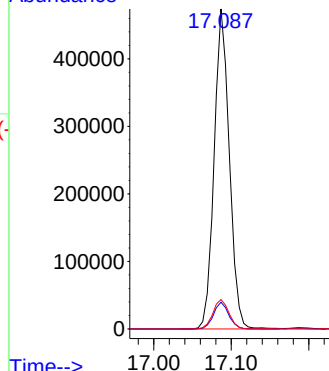
Abundance Scan 2380 (17.087 min): BP024617.D\data.ms

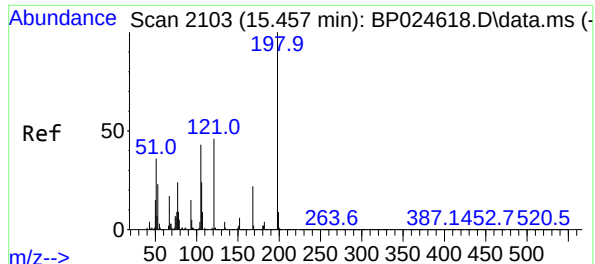


Abundance Scan 2380 (17.087 min): BP024617.D\data.ms (-



Abundance





#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

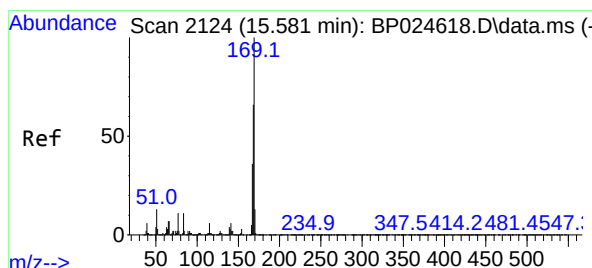
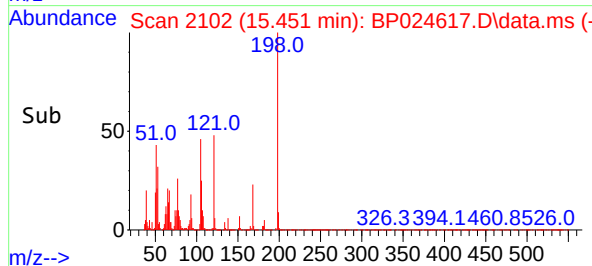
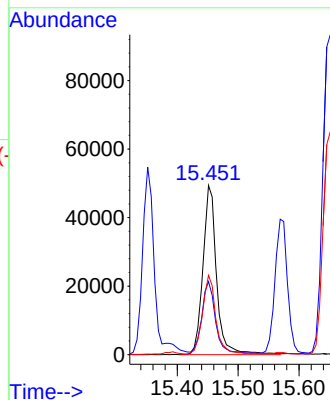
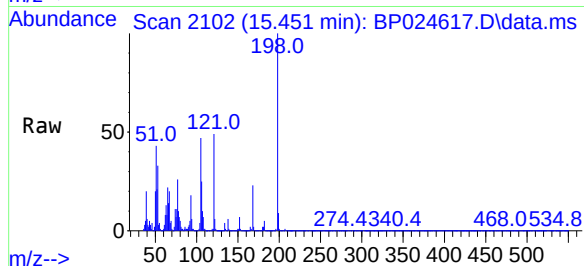
105 46.8 23.6 63.6

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

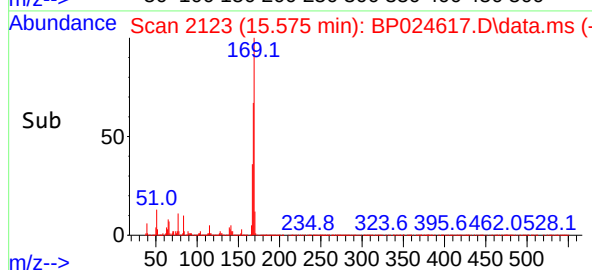
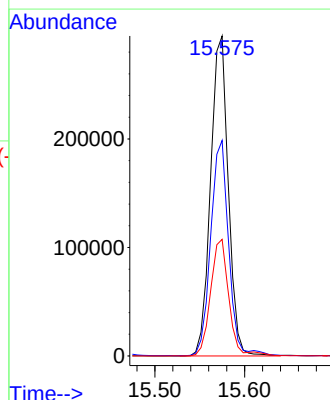
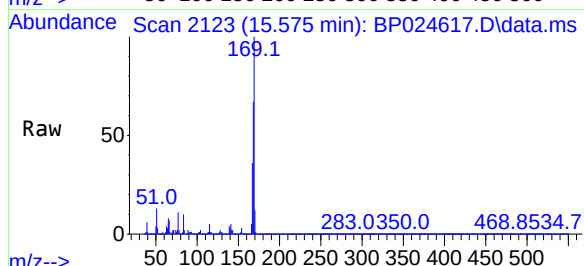
Tgt Ion:169 Resp: 404085

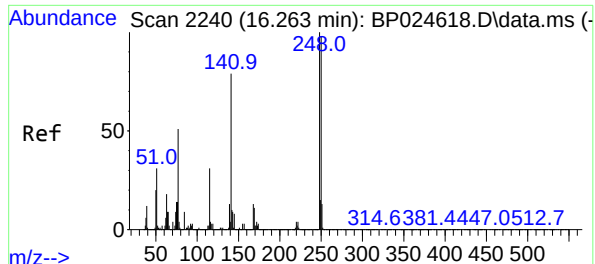
Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

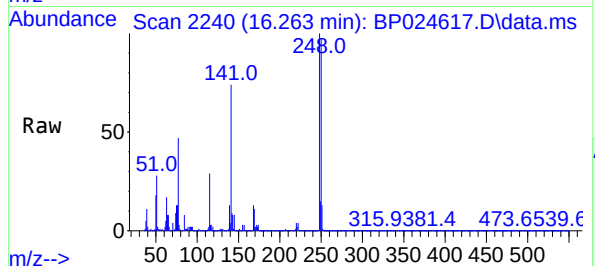
167 36.5 28.6 43.0





#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

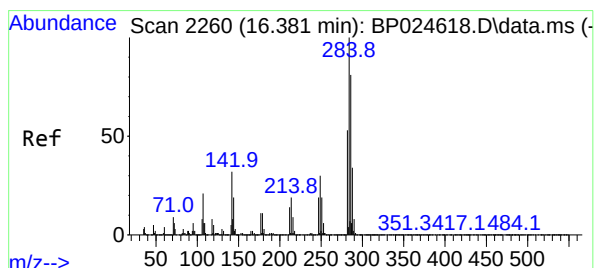
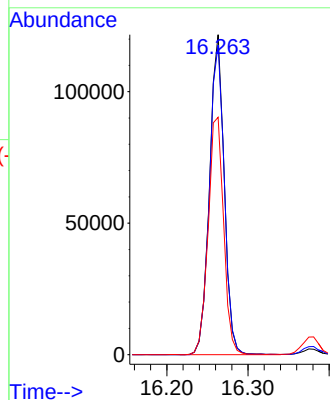
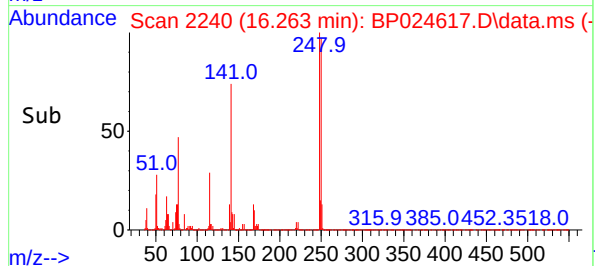
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

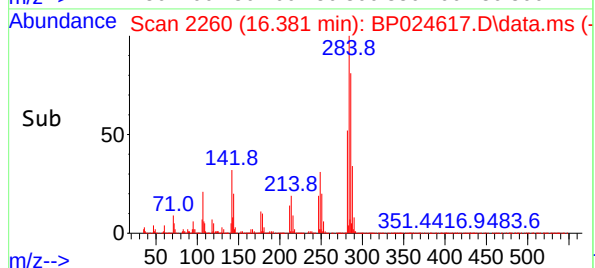
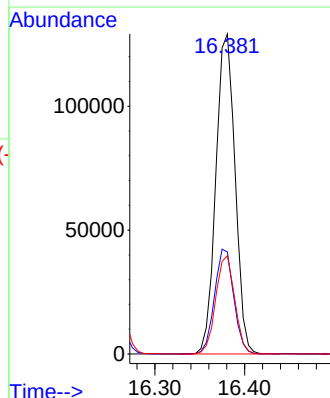
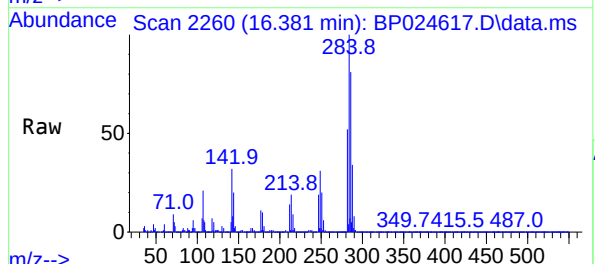
Manual Integrations
APPROVED

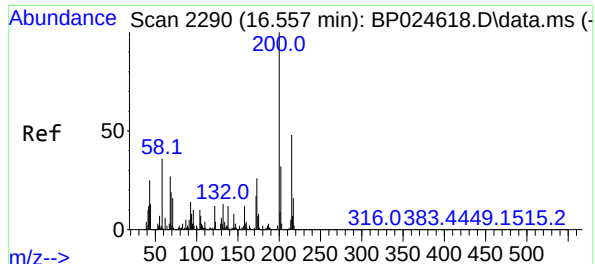
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

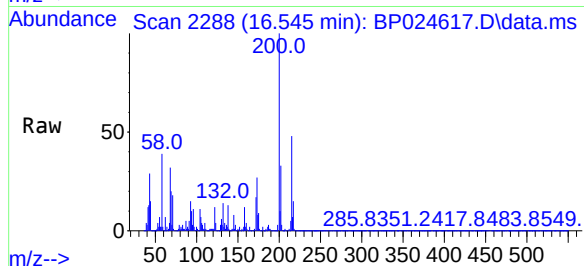
Tgt Ion:284 Resp: 192290
Ion Ratio Lower Upper
284 100
142 31.9 25.9 38.9
249 30.7 24.1 36.1





#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

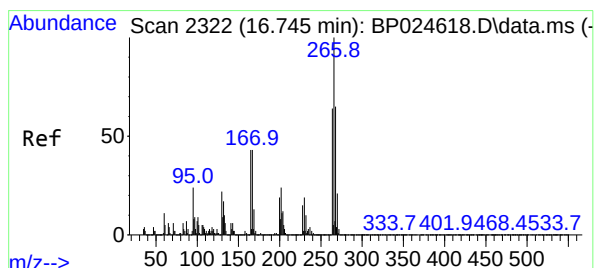
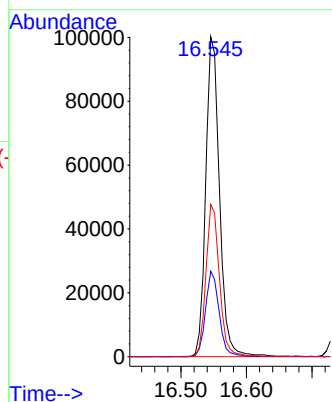
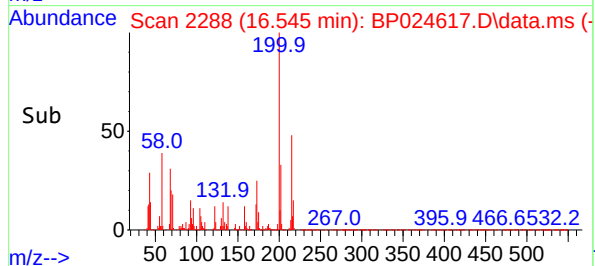
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

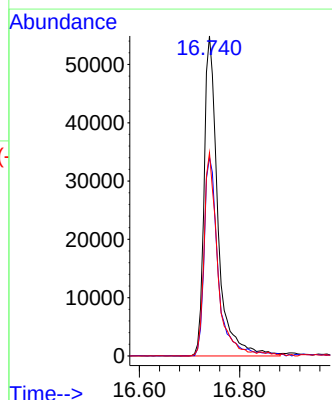
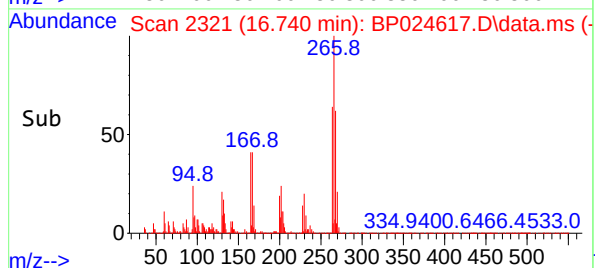
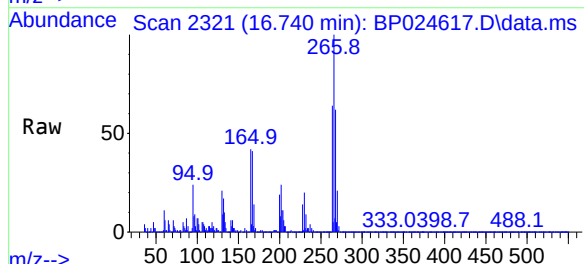
Manual Integrations
APPROVED

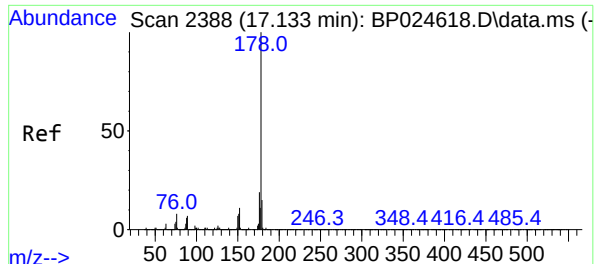
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





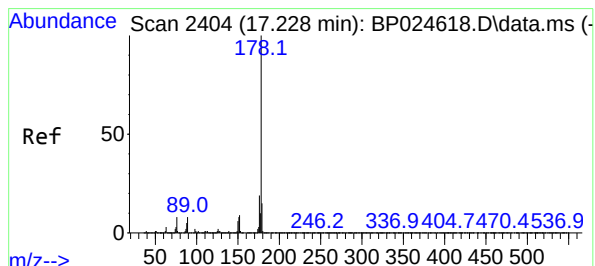
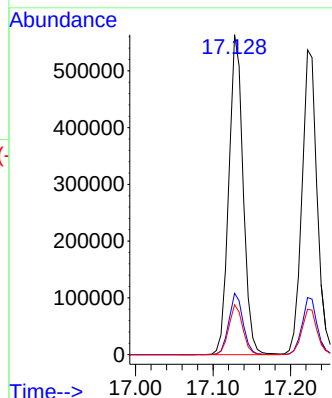
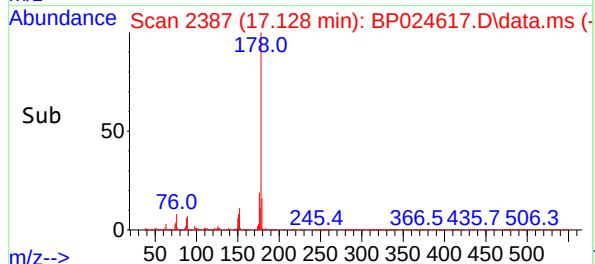
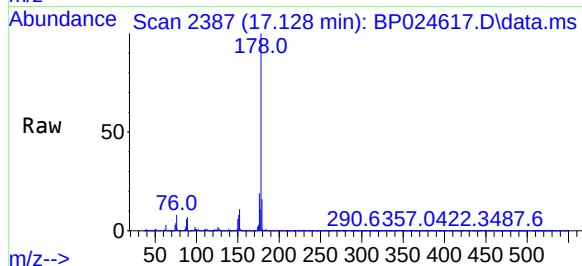
#71
Phenanthrene
Concen: 20.24 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

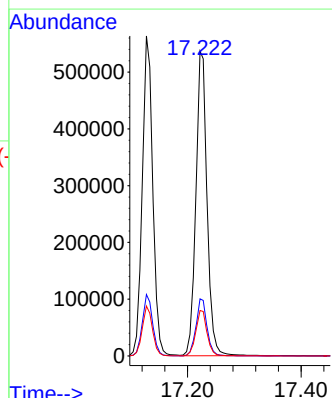
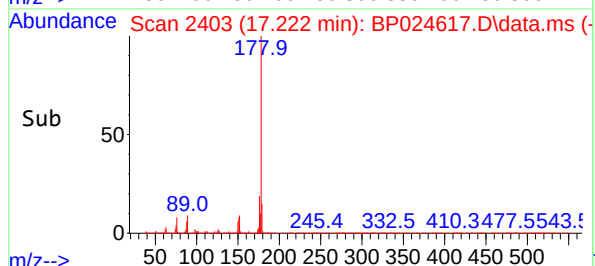
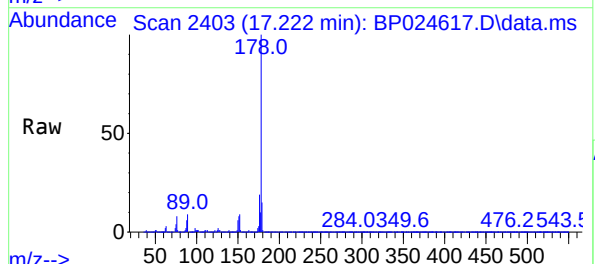
Manual Integrations
APPROVED

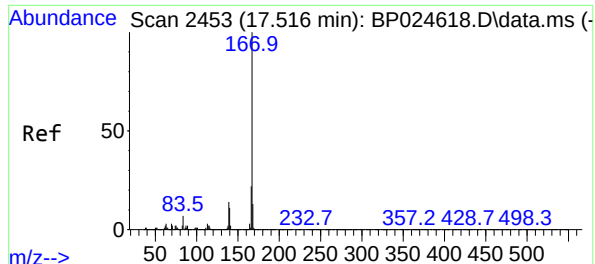
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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 :

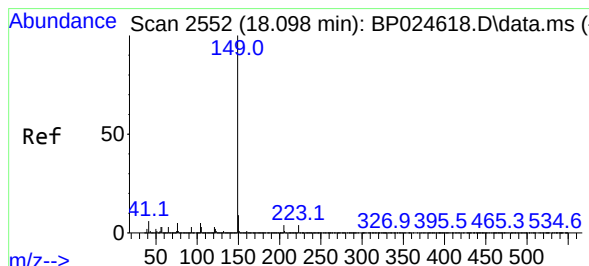
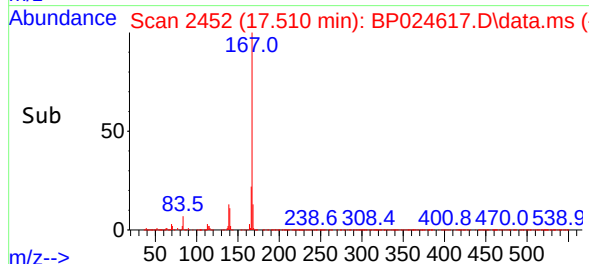
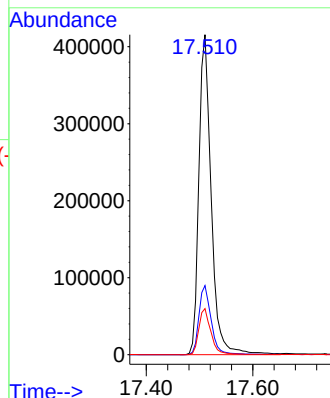
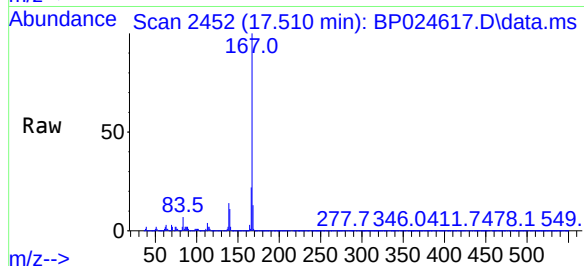
SSTDICC020

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

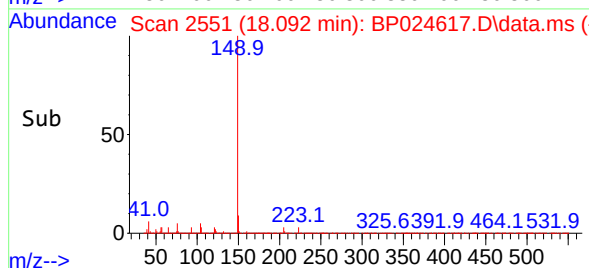
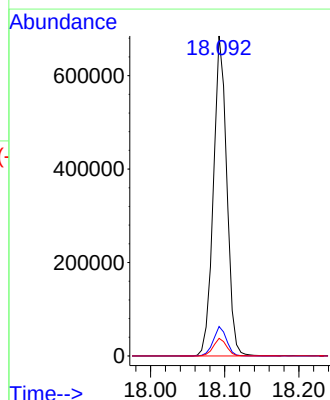
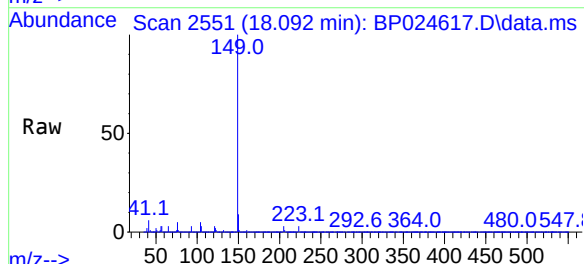
APPROVED

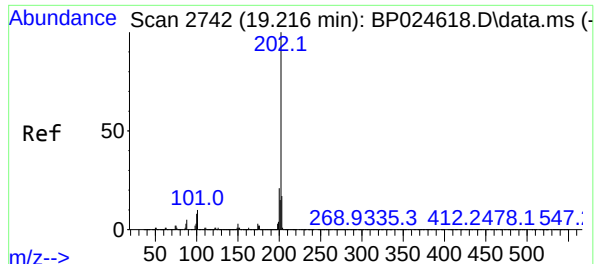
Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025



#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

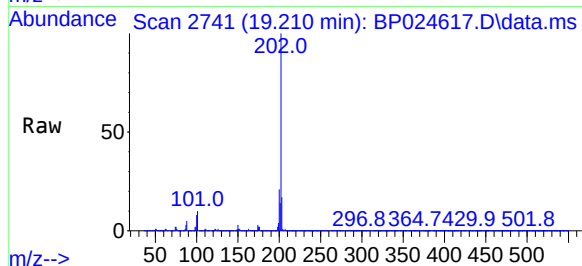
Tgt Ion:149 Resp: 858522
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.5 4.3 6.5





#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

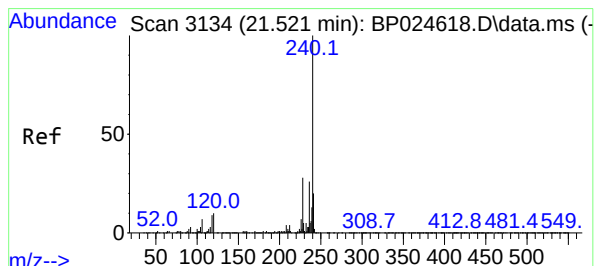
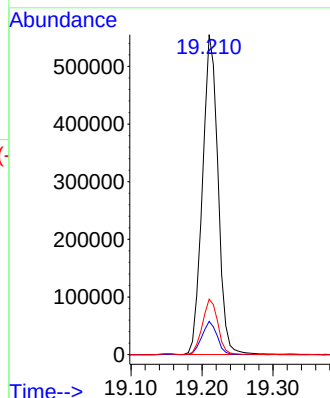
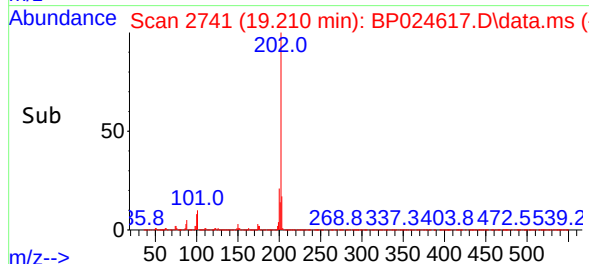
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

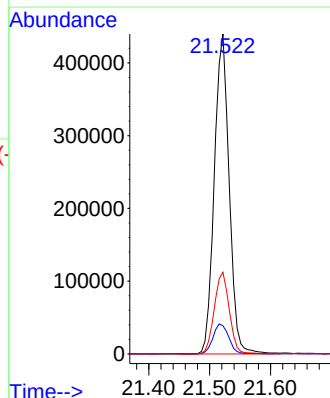
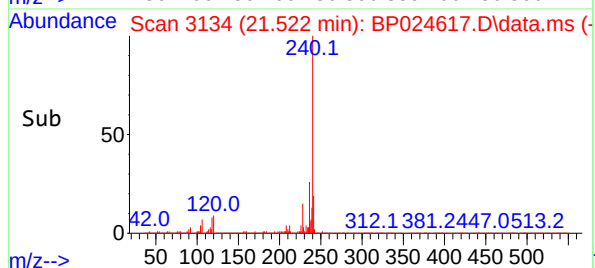
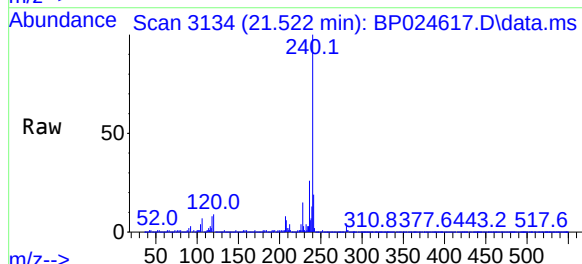
Manual Integrations
APPROVED

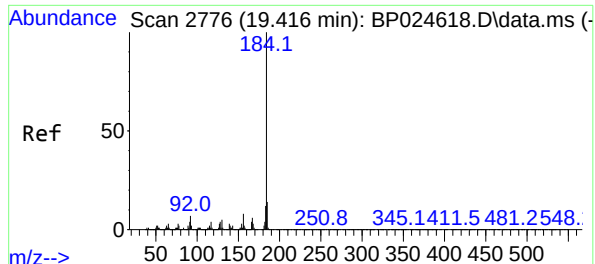
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: 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





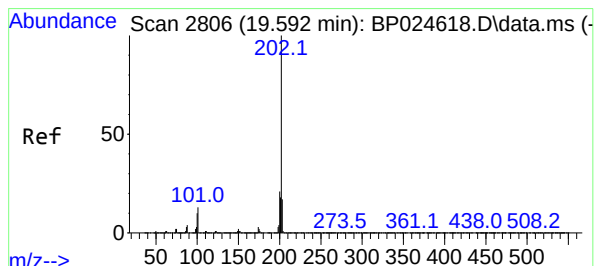
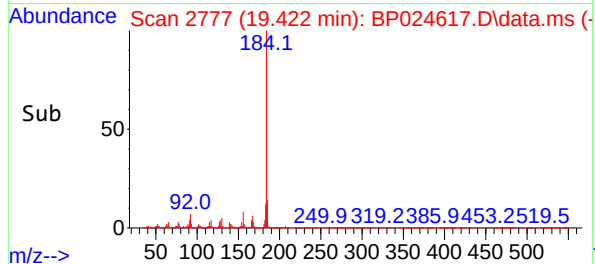
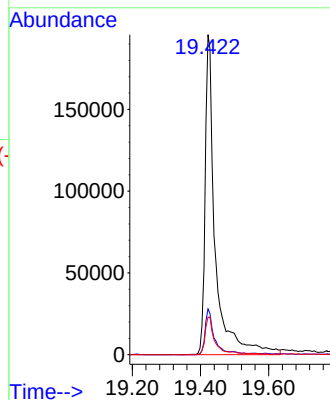
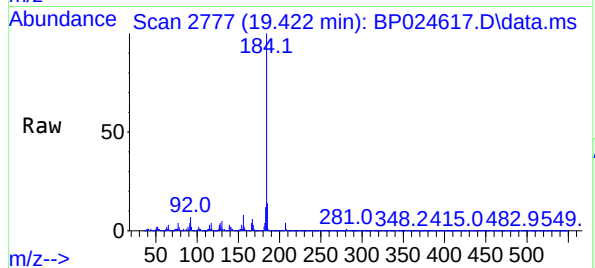
#77
Benzidine
Concen: 19.79 ng
RT: 19.422 min Scan# 2777
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

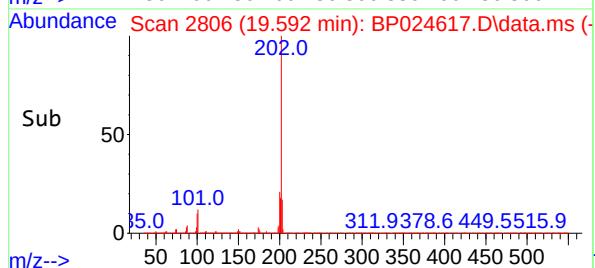
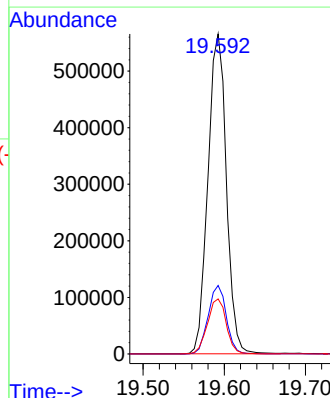
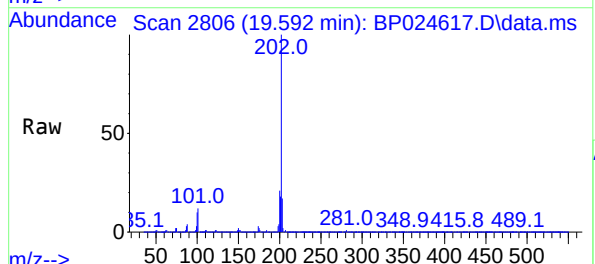
Manual Integrations
APPROVED

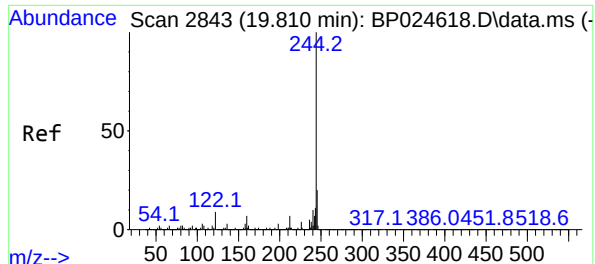
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

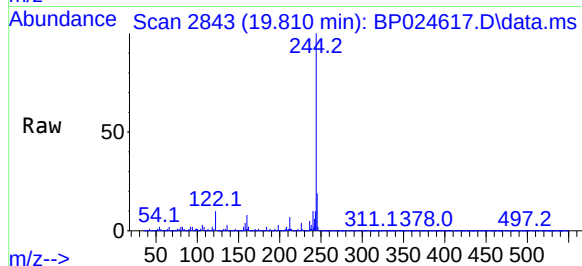
Tgt Ion:202 Resp: 892037
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.2 13.9 20.9





#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

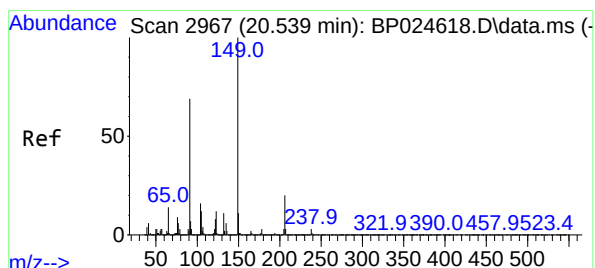
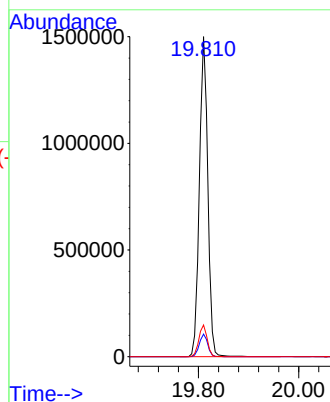
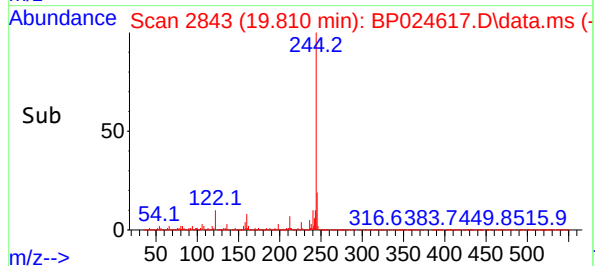
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

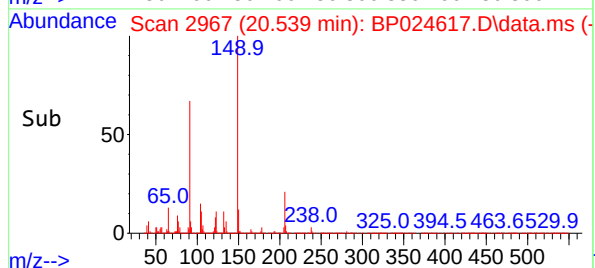
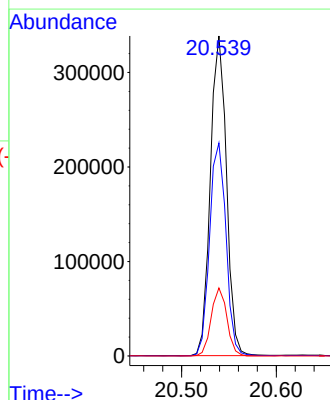
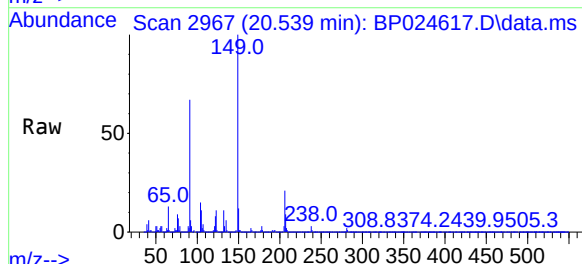
Manual Integrations
APPROVED

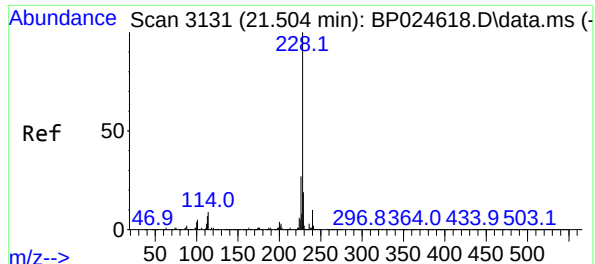
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





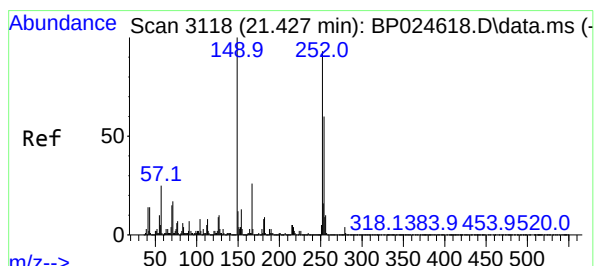
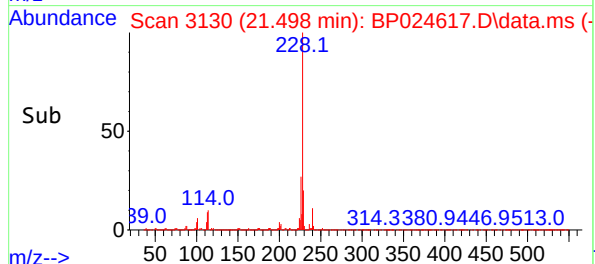
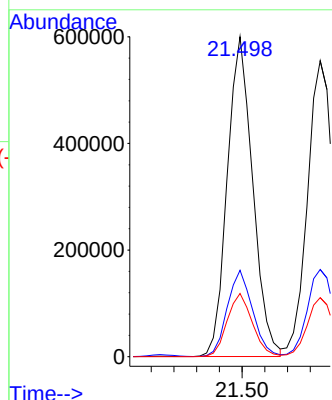
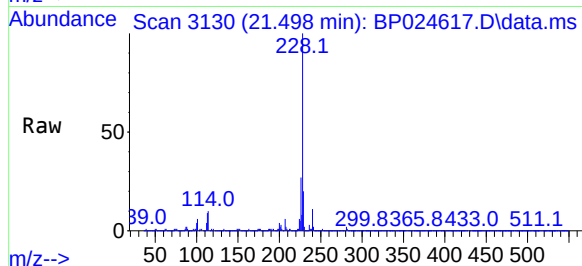
#81
Benzo(a)anthracene
Concen: 19.95 ng
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

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

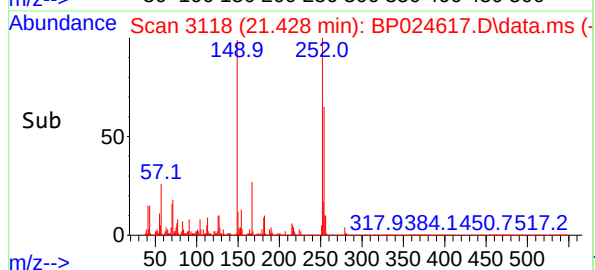
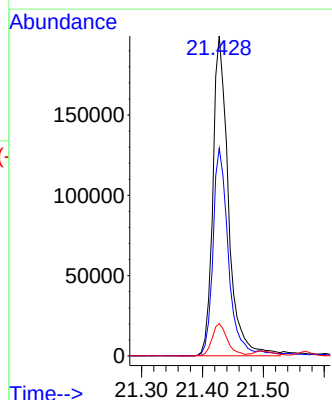
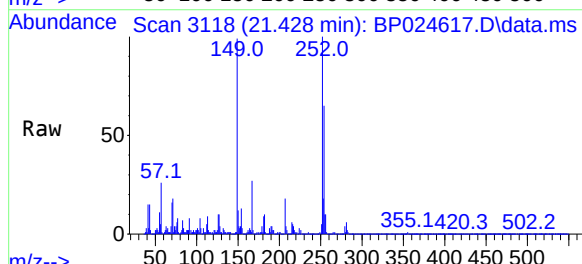
Manual Integrations
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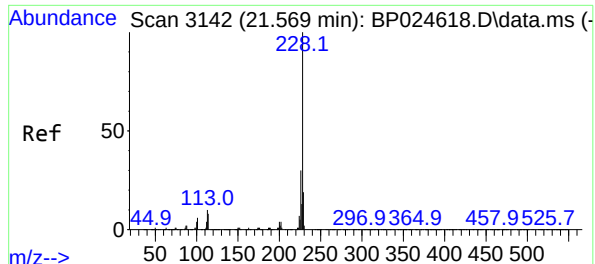
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

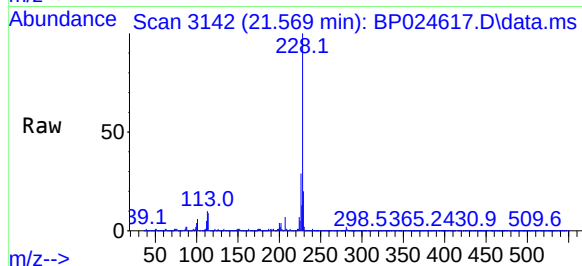
Tgt Ion:252 Resp: 353000
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 10.1 7.7 11.5





#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

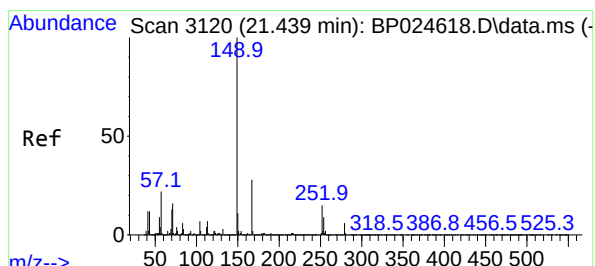
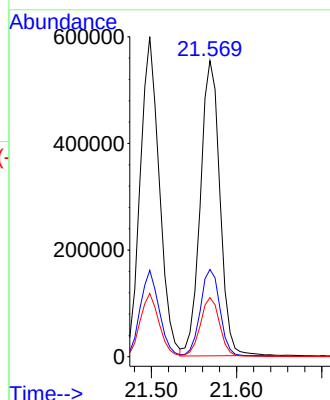
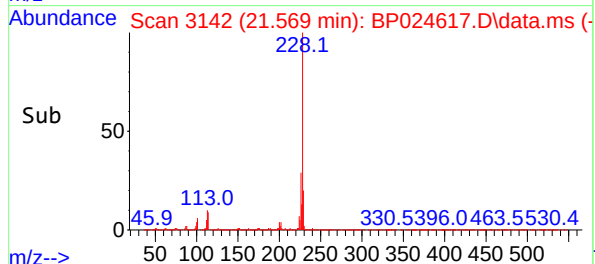
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



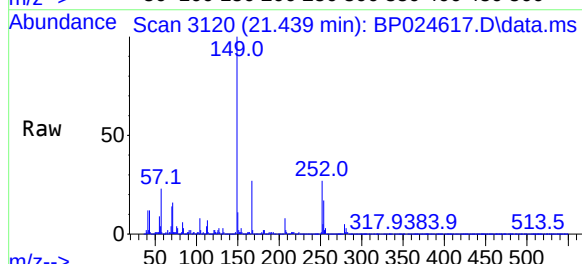
Tgt Ion:228 Resp: 883000
Ion Ratio Lower Upper
228 100
226 29.5 23.9 35.9
229 20.0 15.5 23.3

Manual Integrations
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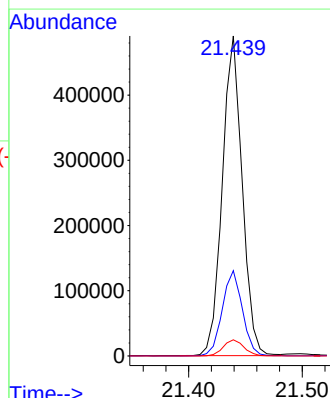
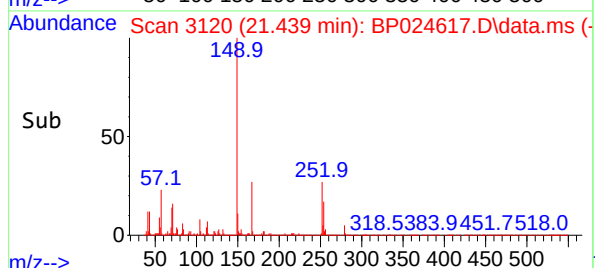
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

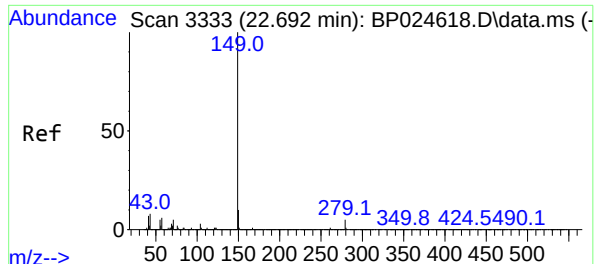


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.45 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



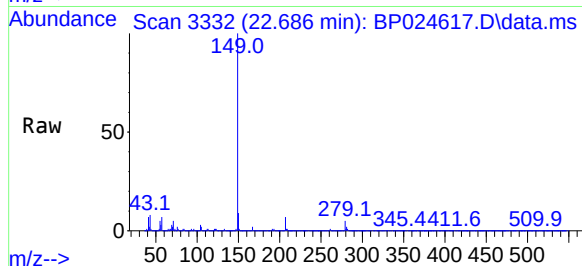
Tgt Ion:149 Resp: 597012
Ion Ratio Lower Upper
149 100
167 26.6 22.1 33.1
279 5.0 4.6 6.8





#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

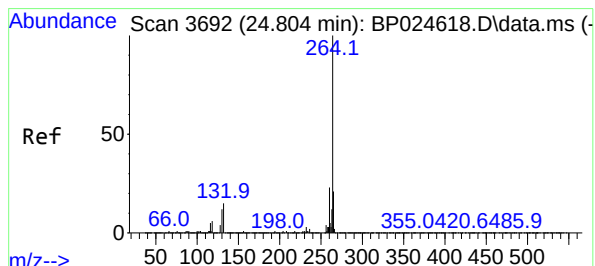
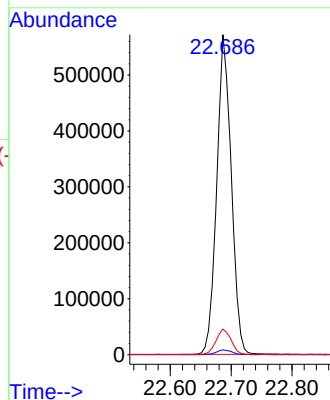
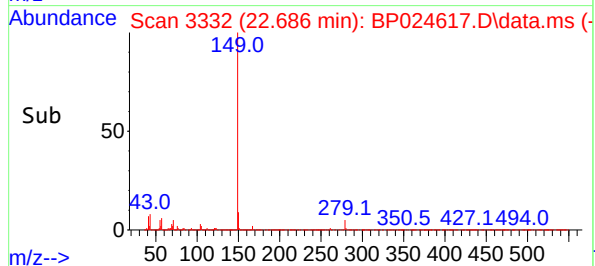
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

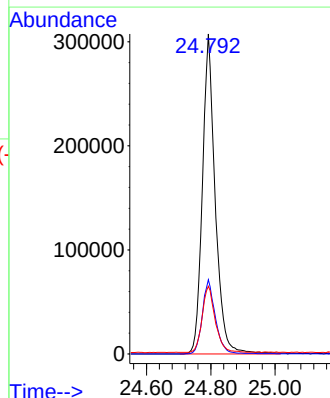
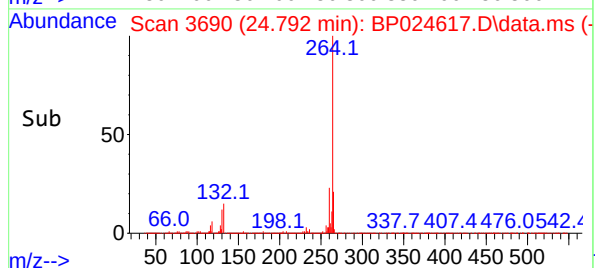
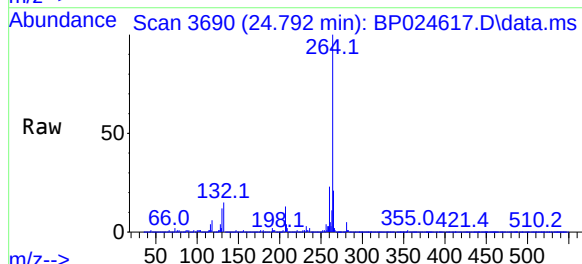
Manual Integrations
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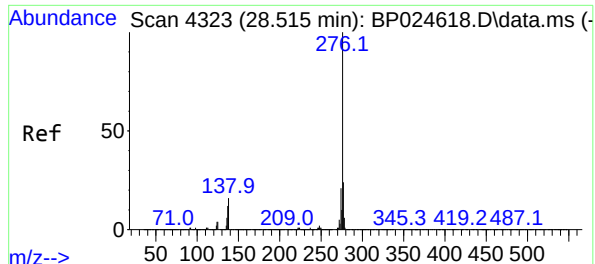
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

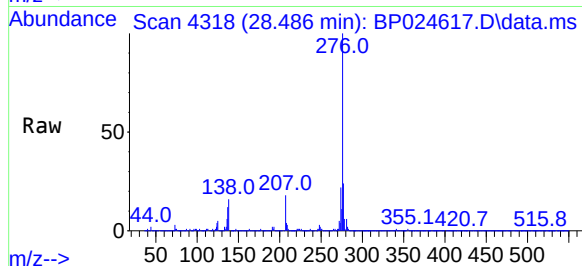
Tgt Ion:264 Resp: 850264
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.81 ng m
RT: 28.486 min Scan# 4318
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

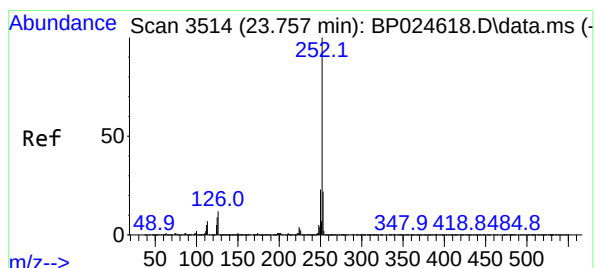
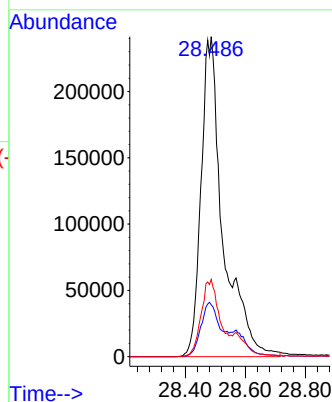
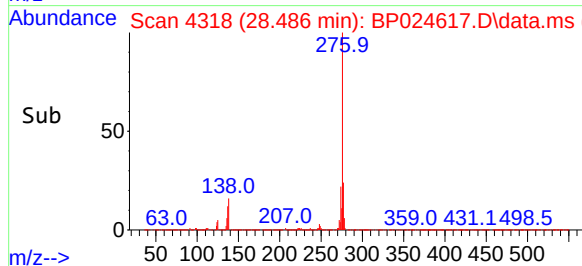
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



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

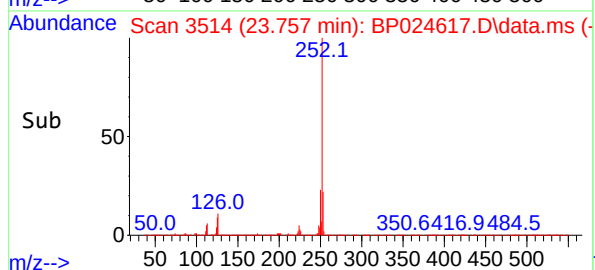
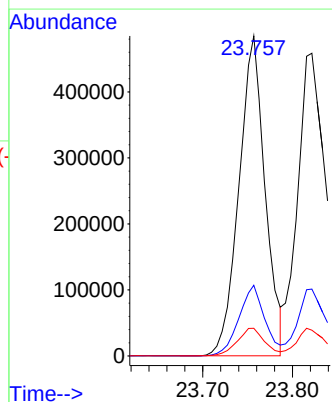
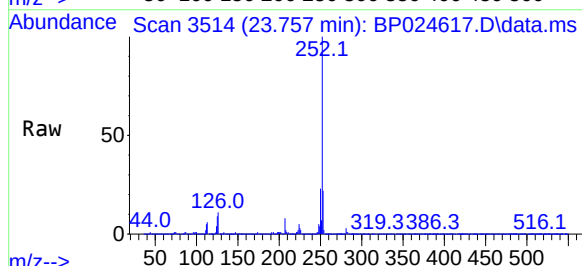
Manual Integrations
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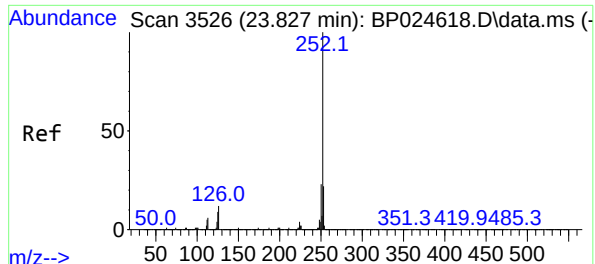
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

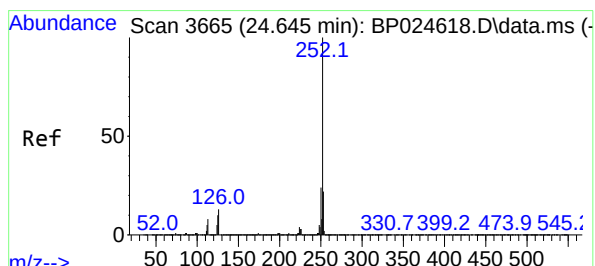
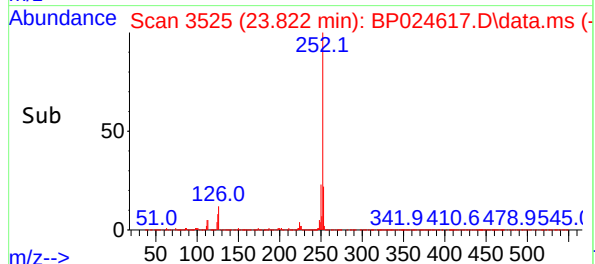
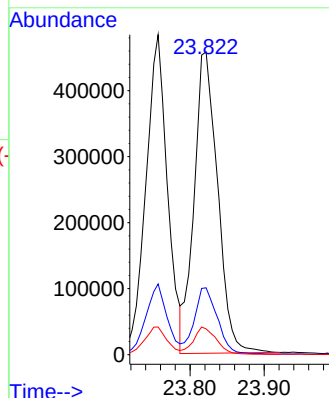
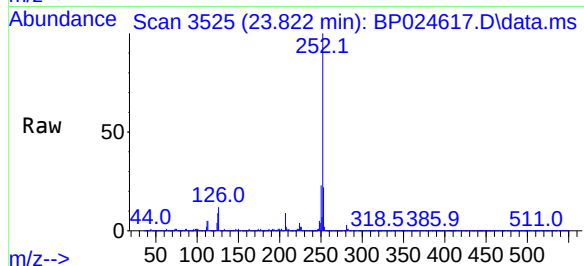
125 8.5 7.0 10.4

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

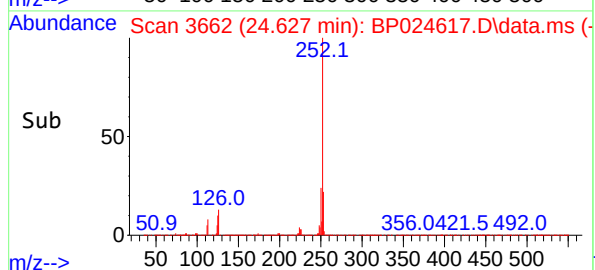
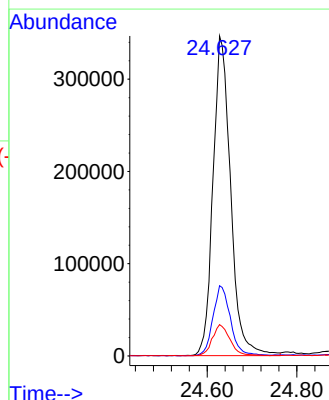
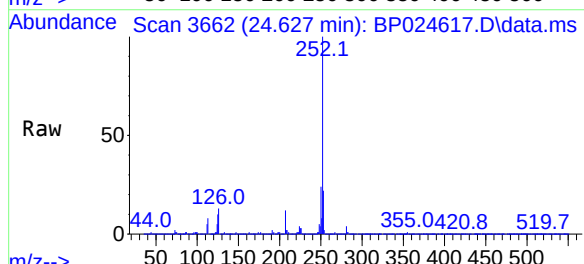
Tgt Ion:252 Resp: 945764

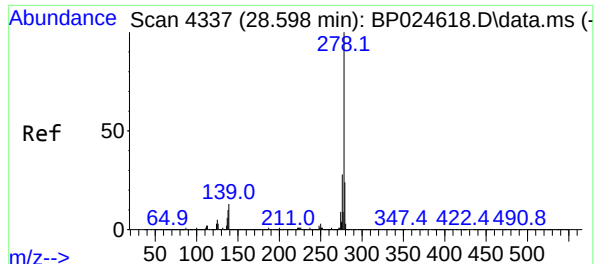
Ion Ratio Lower Upper

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

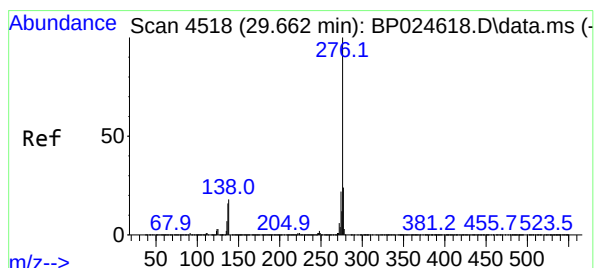
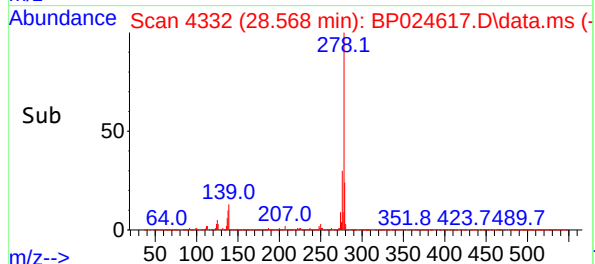
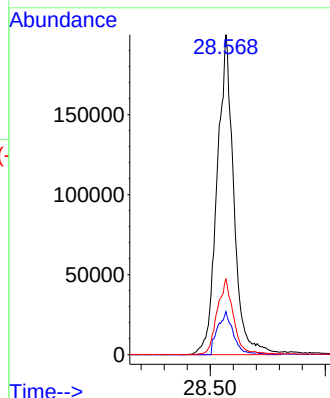
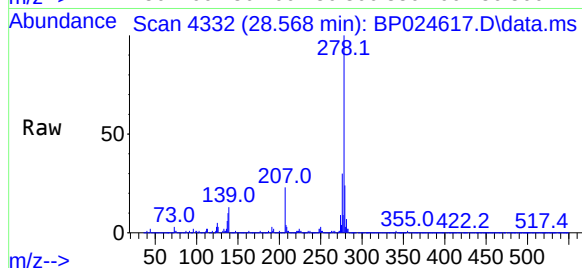
279 23.6 19.0 28.4

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

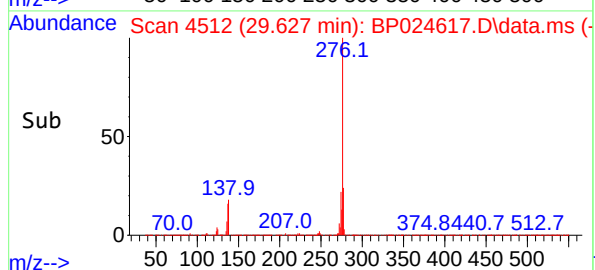
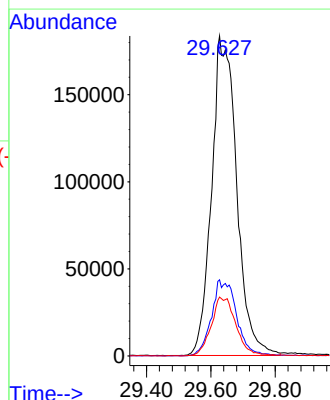
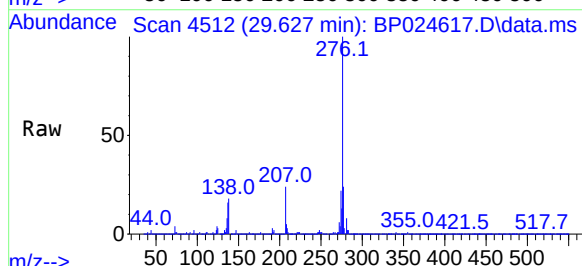
Tgt Ion:276 Resp: 991852

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

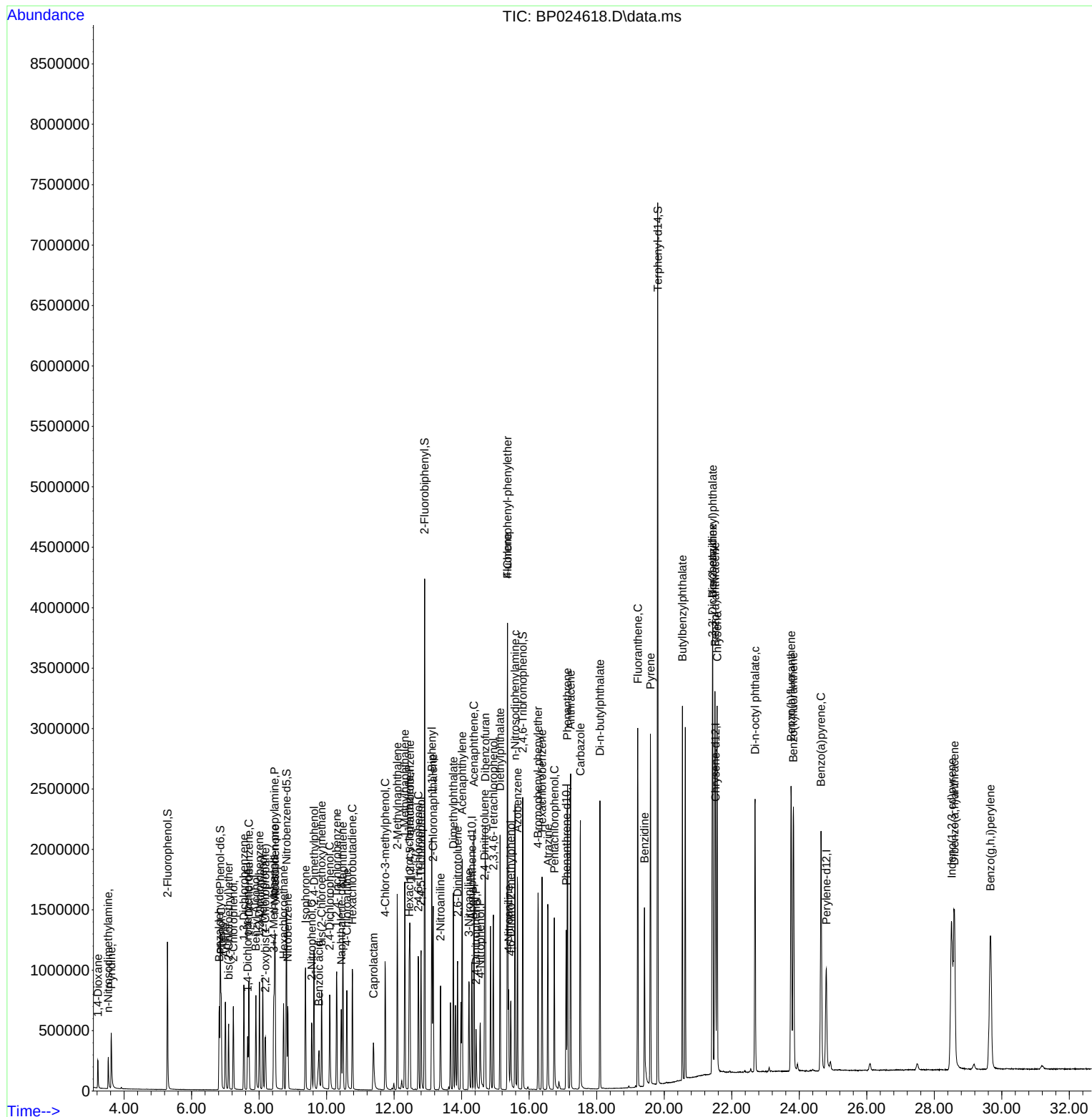
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	293079	38.62	ng	100
46) 1,1'-Biphenyl	13.116	154	1002344	37.42	ng	100
47) 2-Chloronaphthalene	13.157	162	771952	37.79	ng	100
48) 2-Nitroaniline	13.375	65	242485	40.10	ng	100
49) Acenaphthylene	14.016	152	1307740	38.26	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

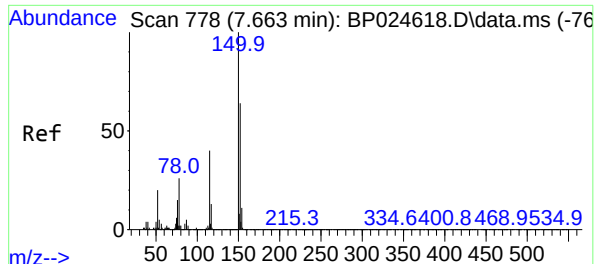
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

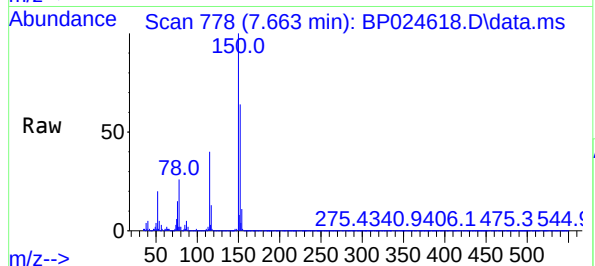
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jaagrut Upadhyay 05/14/2025





#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

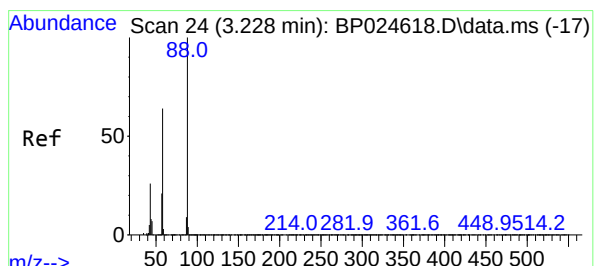
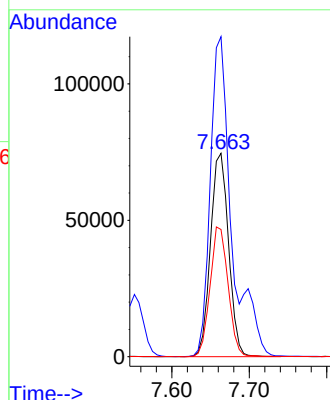
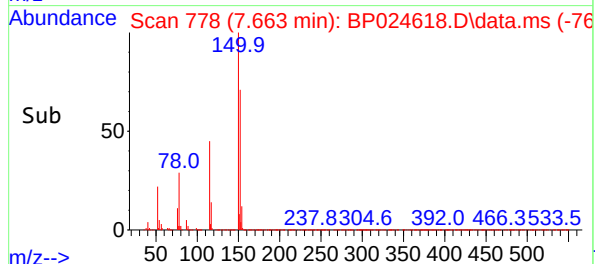
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

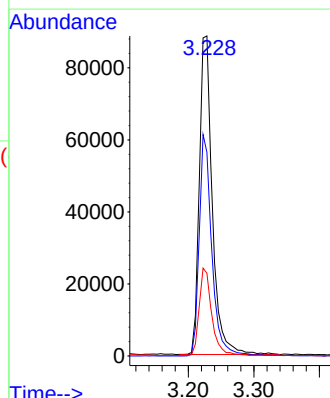
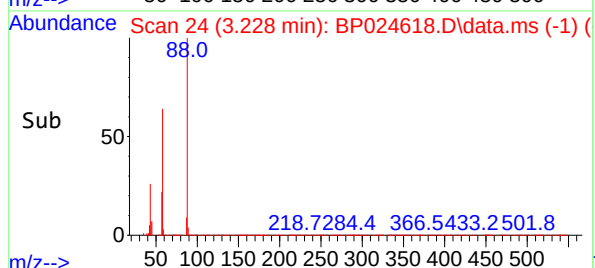
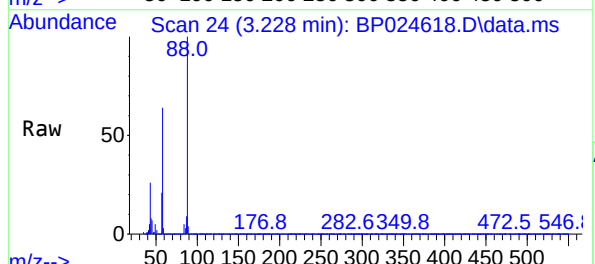
Manual Integrations
APPROVED

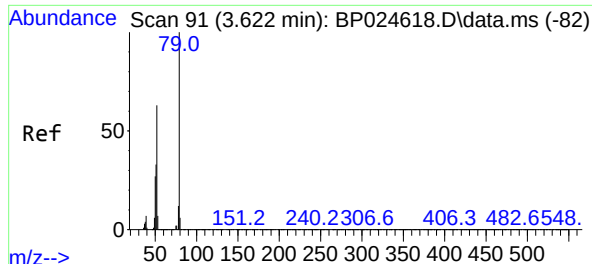
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

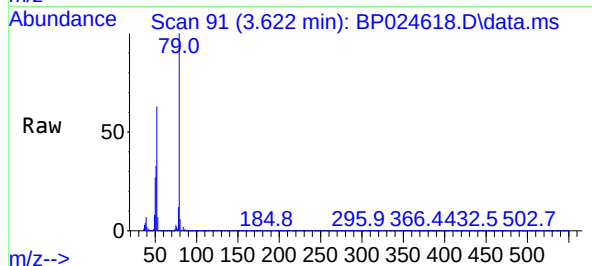
Tgt Ion: 88 Resp: 122181
Ion Ratio Lower Upper
88 100
58 67.5 54.0 81.0
43 26.7 21.4 32.0





#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

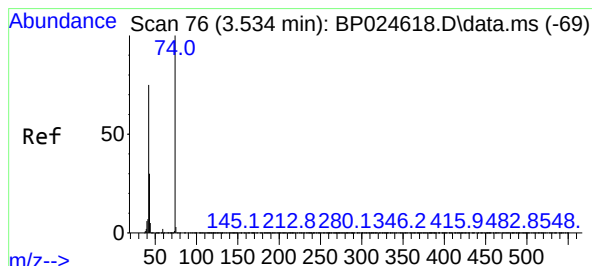
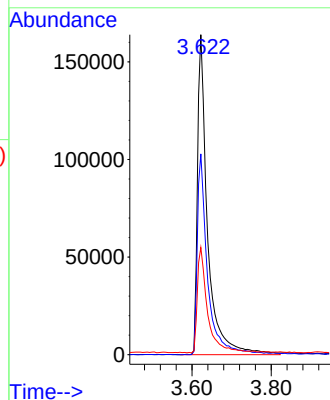
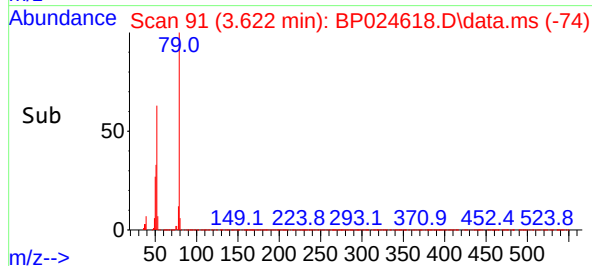
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



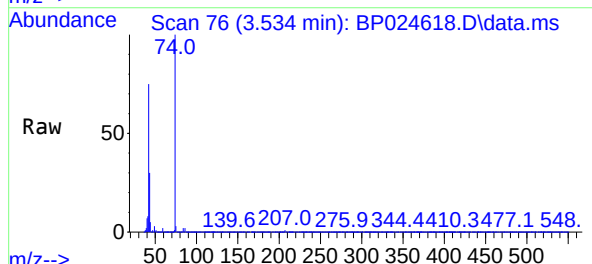
Tgt Ion: 79 Resp: 289809
Ion Ratio Lower Upper
79 100
52 62.7 50.2 75.2
51 33.5 26.8 40.2

Manual Integrations
APPROVED

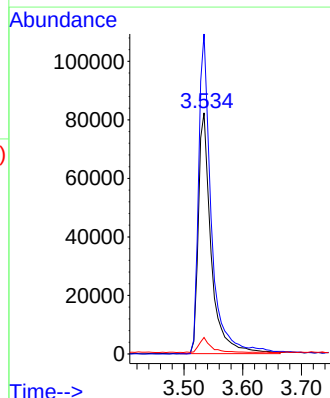
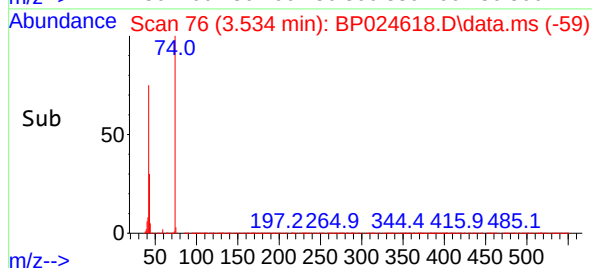
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

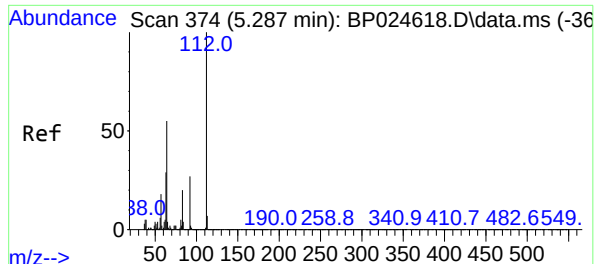


#4
n-Nitrosodimethylamine
Concen: 38.48 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



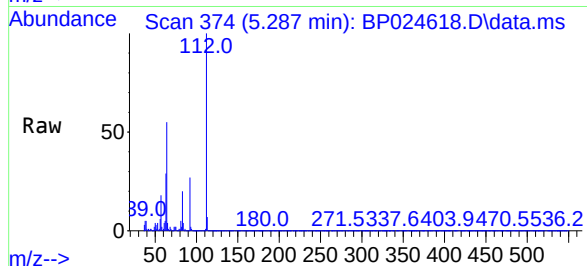
Tgt Ion: 42 Resp: 125087
Ion Ratio Lower Upper
42 100
74 132.7 106.2 159.2
44 6.8 5.4 8.2





#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

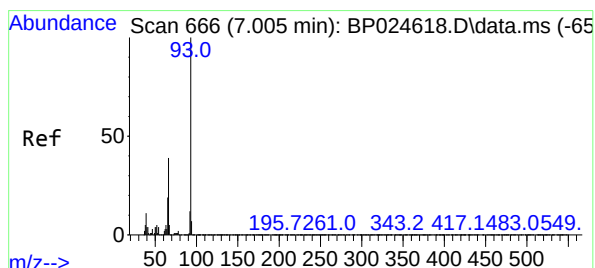
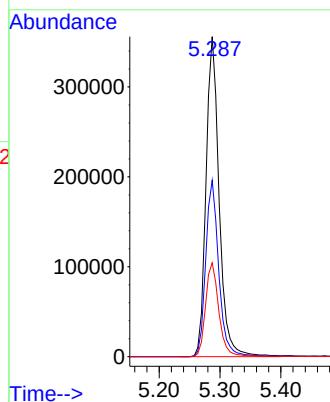
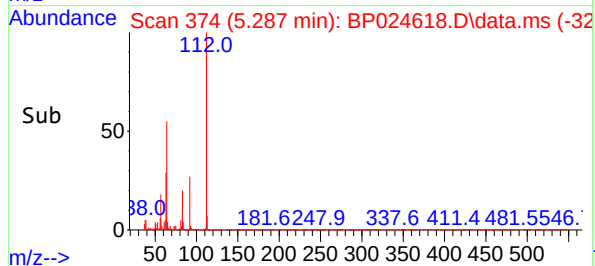
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

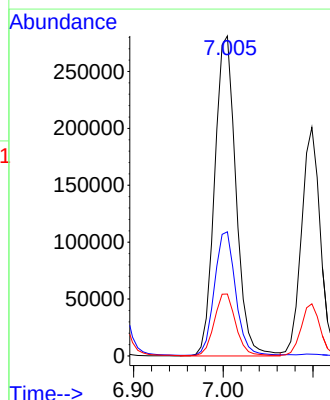
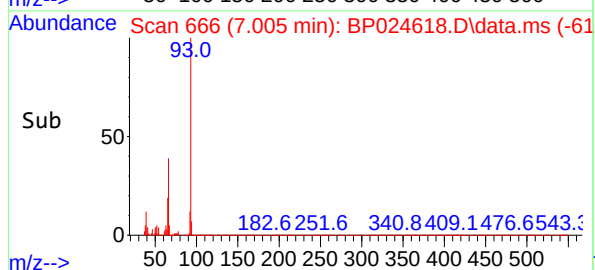
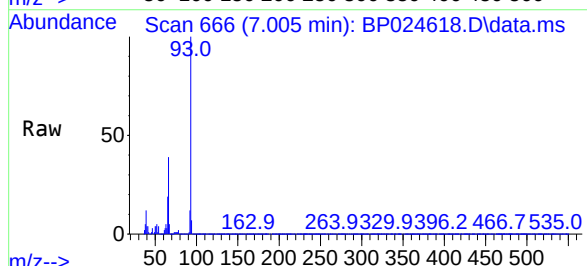
Manual Integrations
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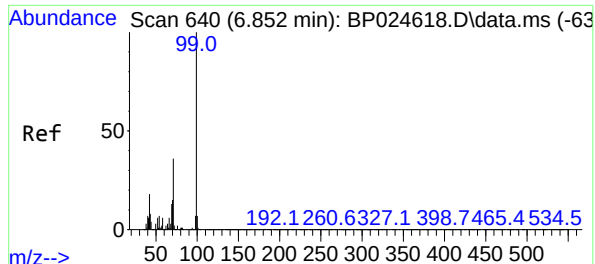
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

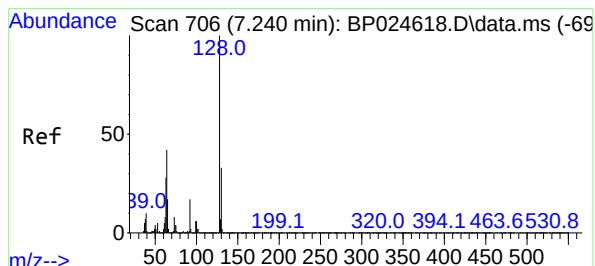
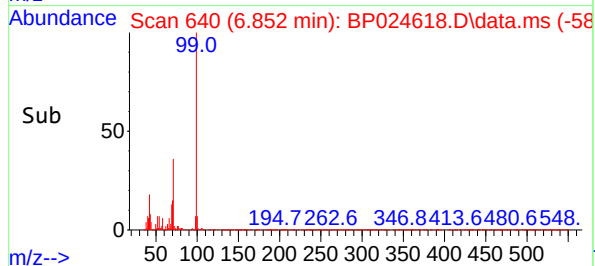
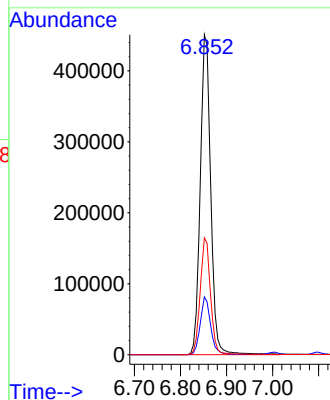
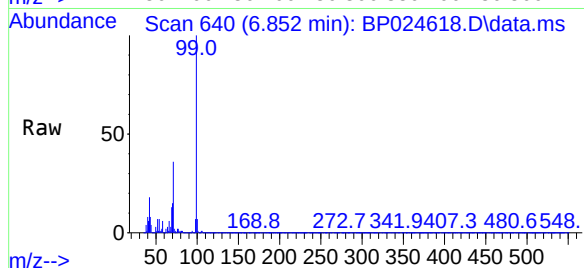
71 36.5 29.2 43.8

Manual Integrations

APPROVED

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

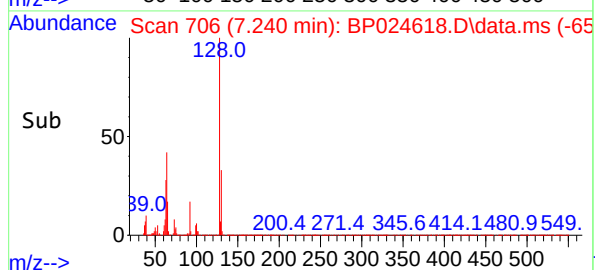
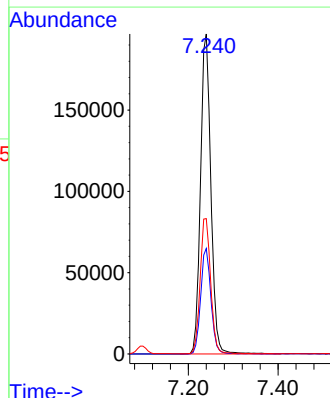
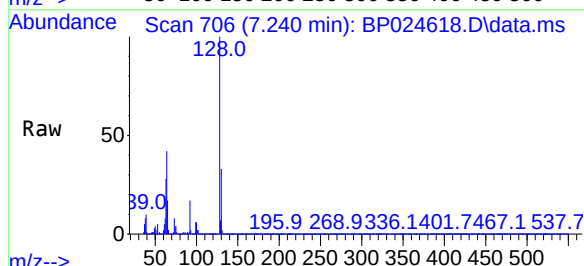
Tgt Ion:128 Resp: 315079

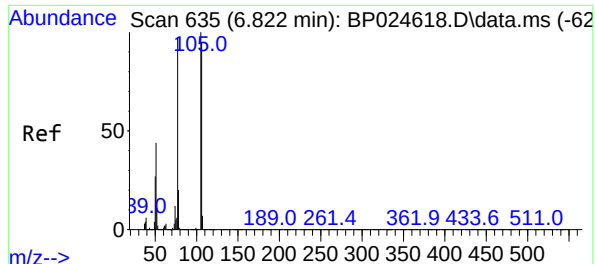
Ion Ratio Lower Upper

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

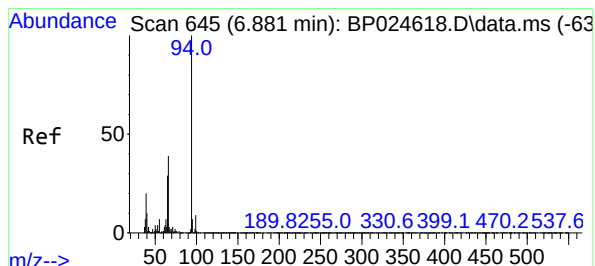
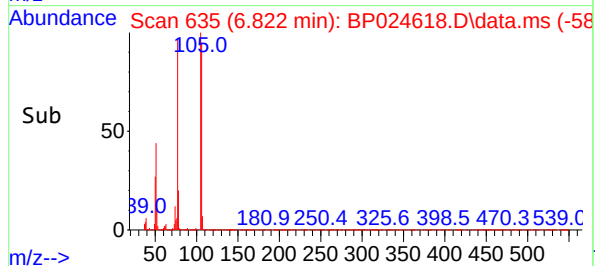
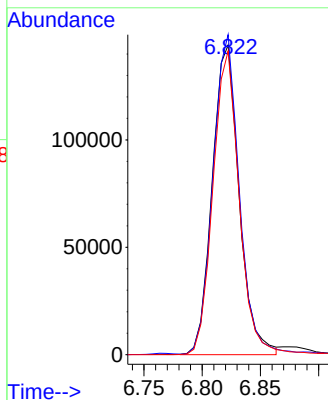
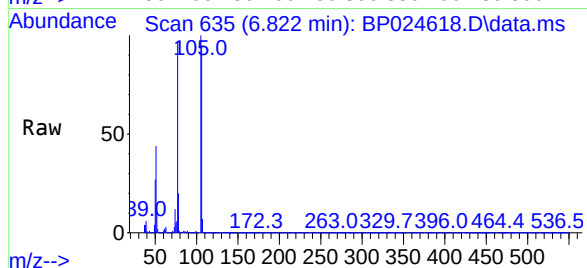
106 98.0 78.0 118.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

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

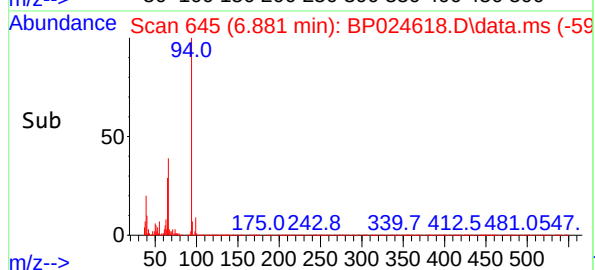
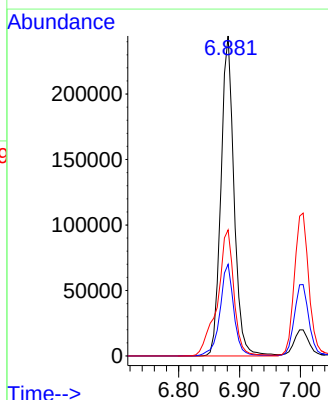
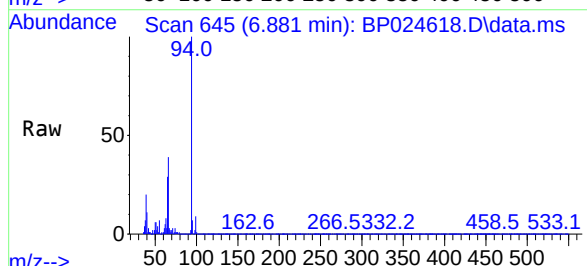
Tgt Ion: 94 Resp: 364948

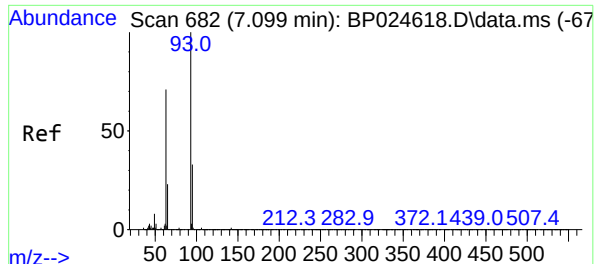
Ion Ratio Lower Upper

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

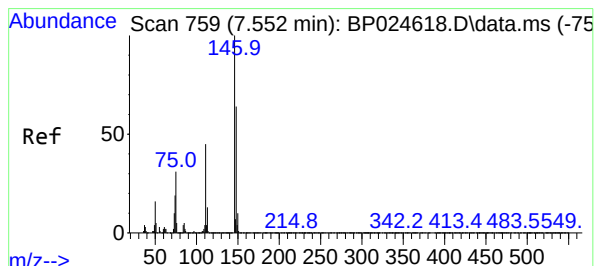
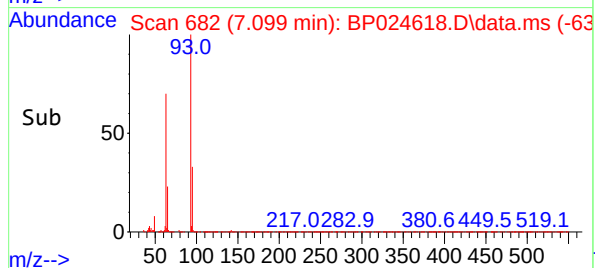
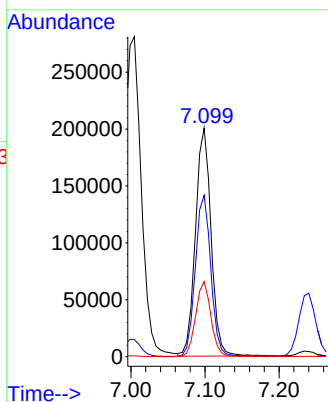
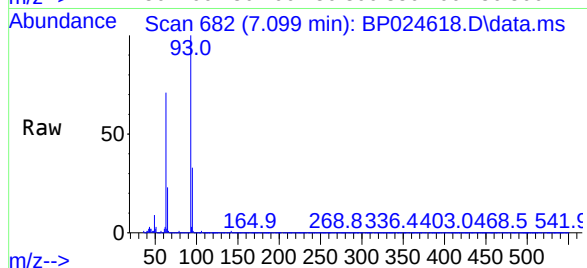
95 32.9 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

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

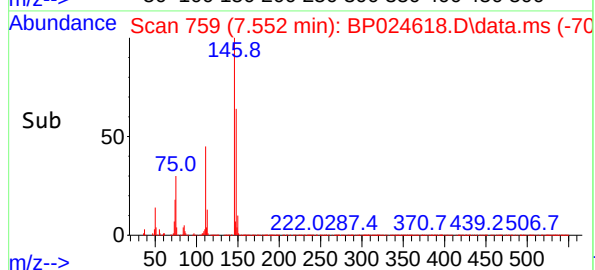
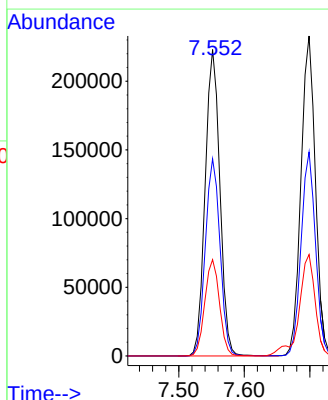
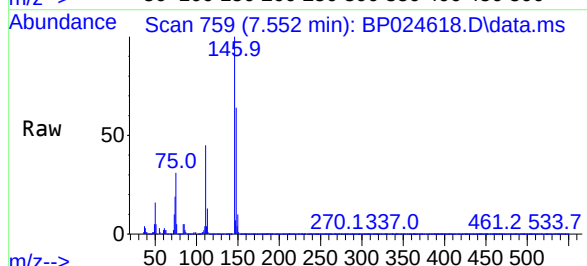
Tgt Ion:146 Resp: 348242

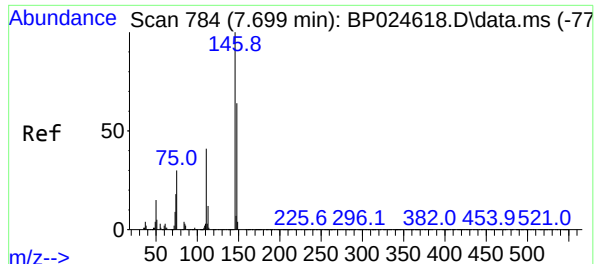
Ion Ratio Lower Upper

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

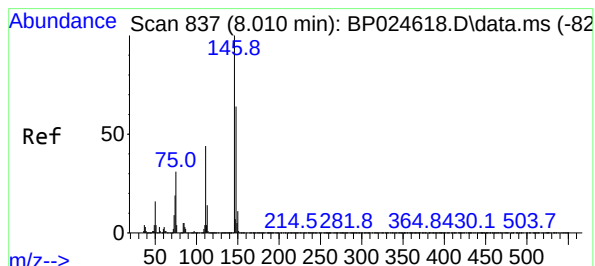
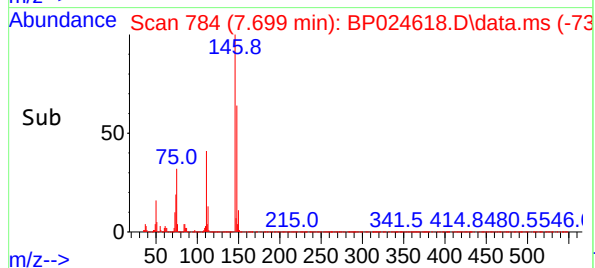
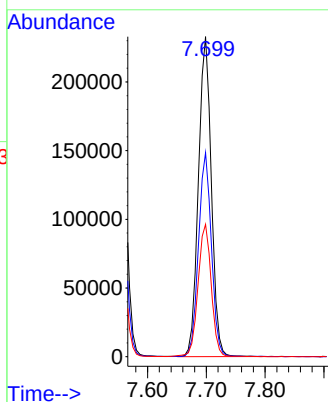
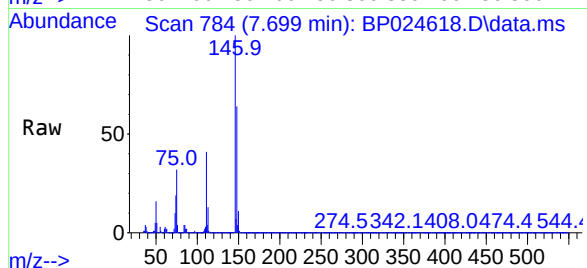
111 41.3 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#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

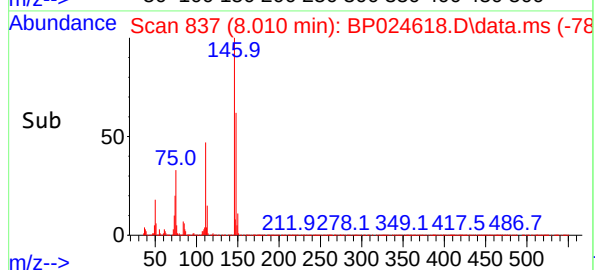
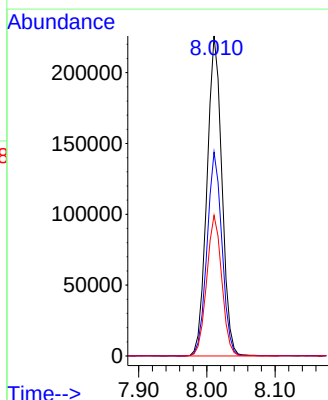
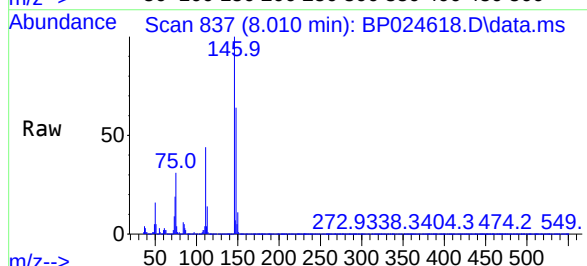
Tgt Ion:146 Resp: 344980

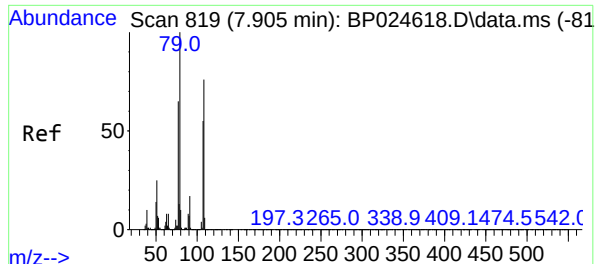
Ion Ratio Lower Upper

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

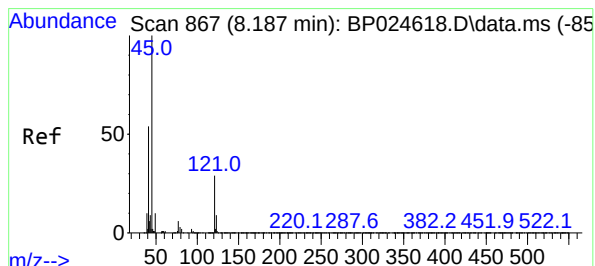
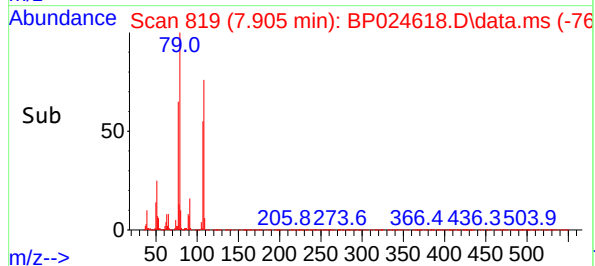
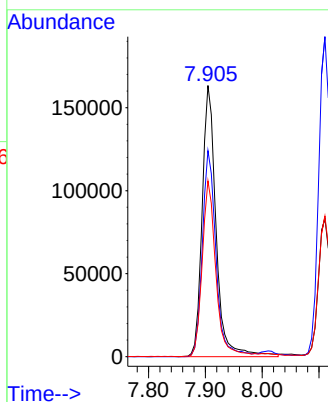
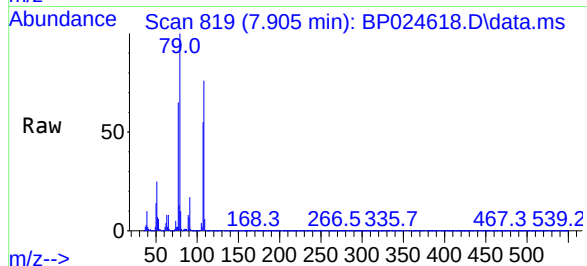
77 64.9 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

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

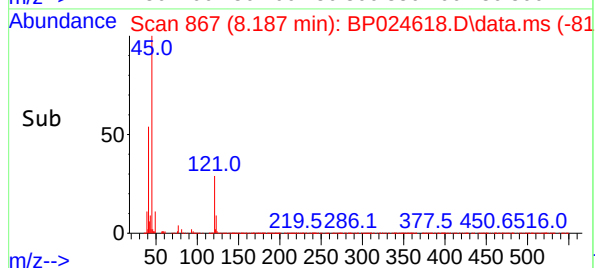
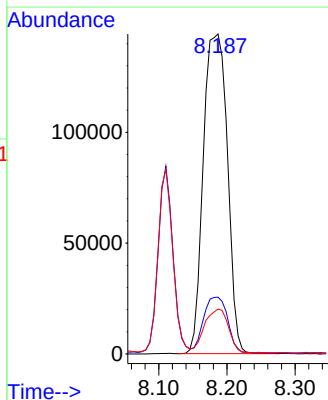
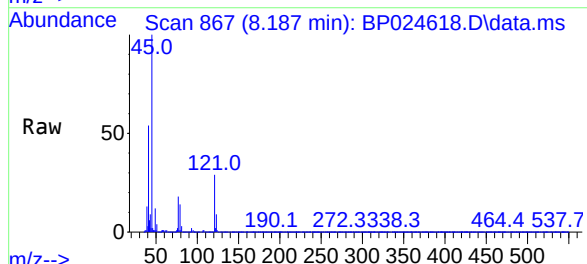
Tgt Ion: 45 Resp: 354872

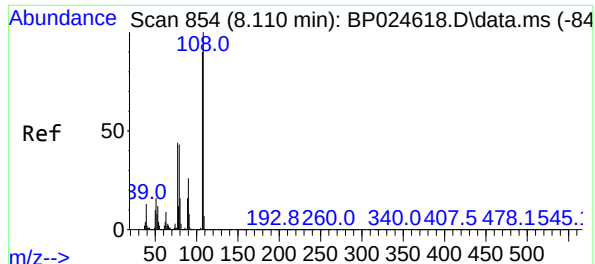
Ion Ratio Lower Upper

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

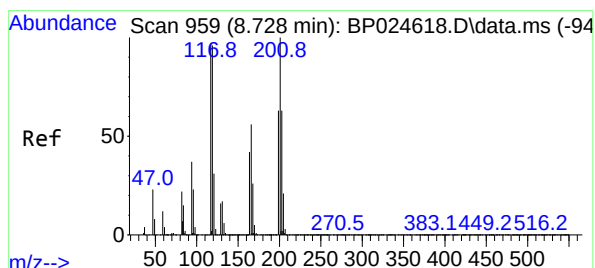
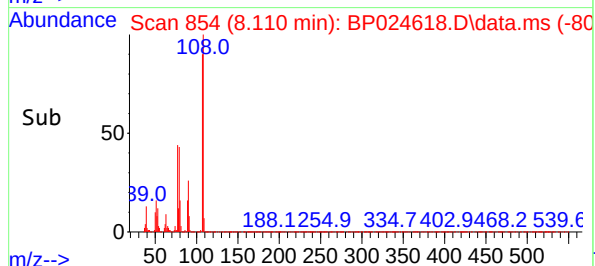
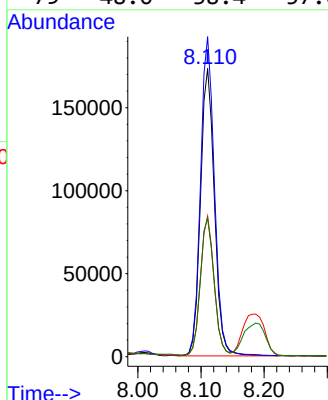
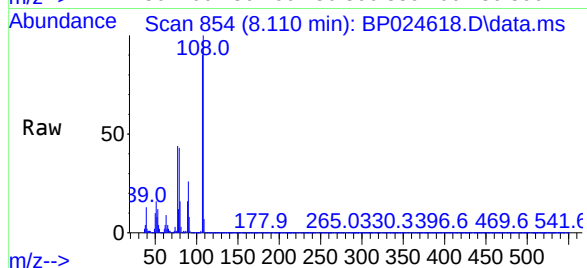
79 48.0 38.4 57.6

Manual Integrations

APPROVED

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

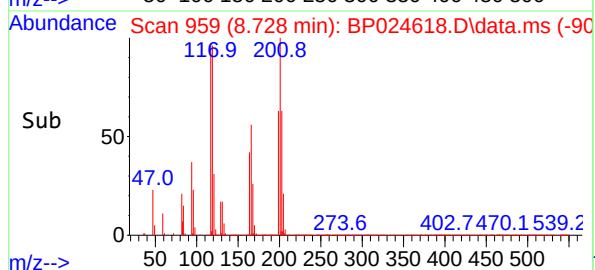
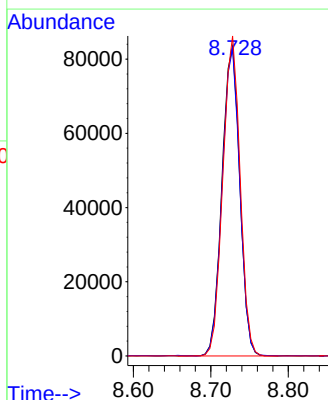
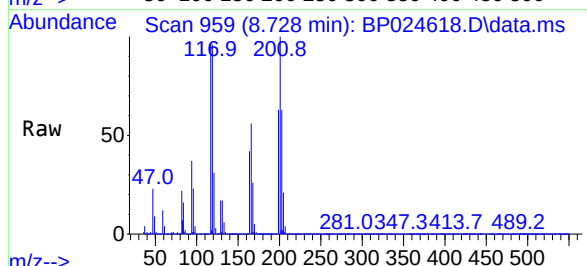
Tgt Ion:117 Resp: 133224

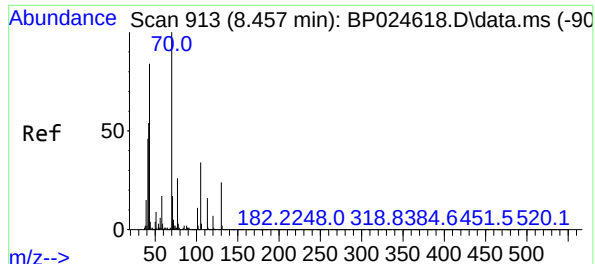
Ion Ratio Lower Upper

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

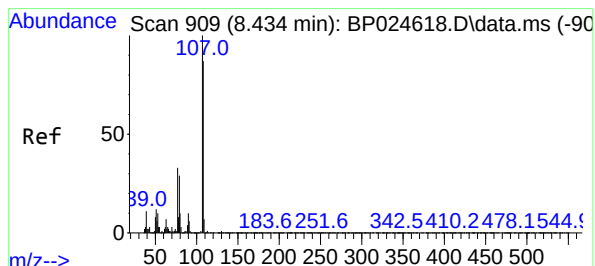
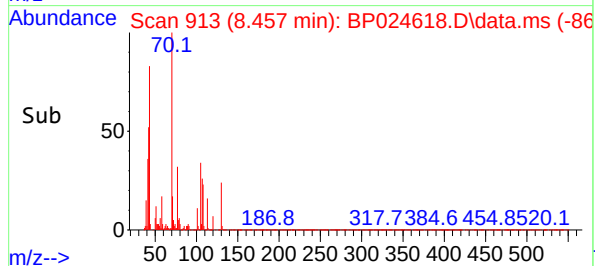
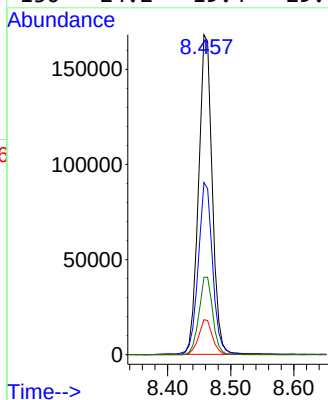
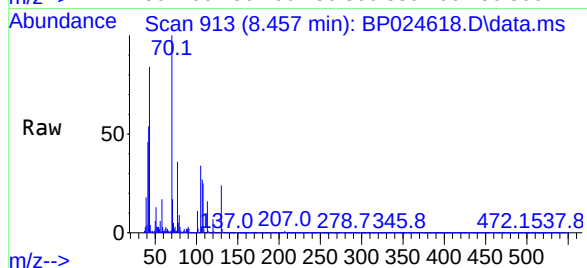
130 24.2 19.4 29.0

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

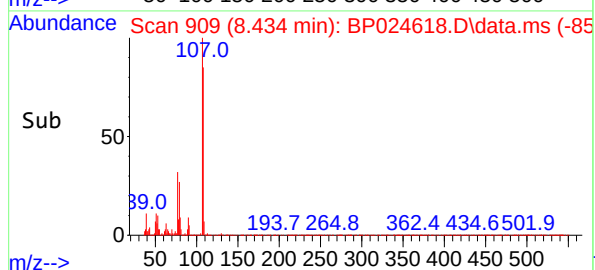
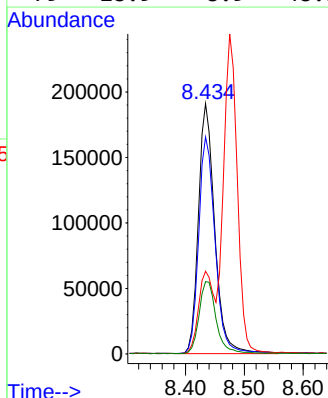
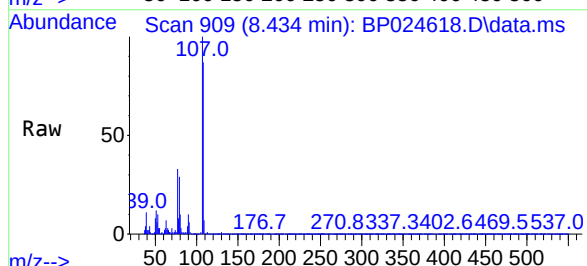
Ion Ratio Lower Upper

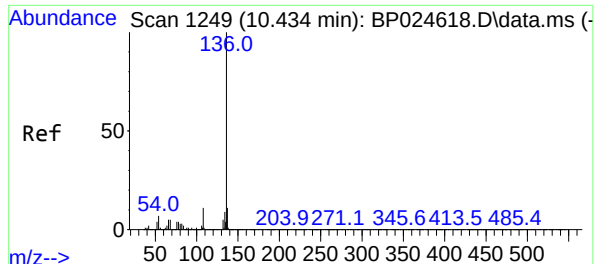
107 100

108 86.7 66.7 106.7

77 33.1 13.1 53.1

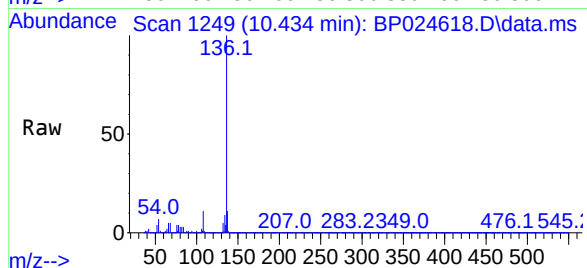
79 28.9 8.9 48.9





#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

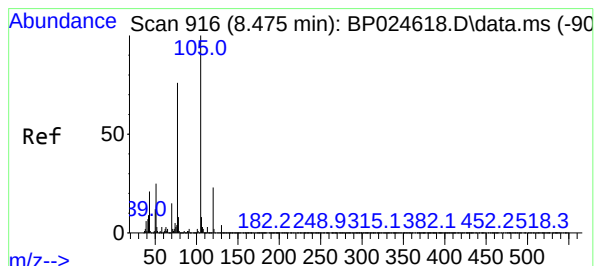
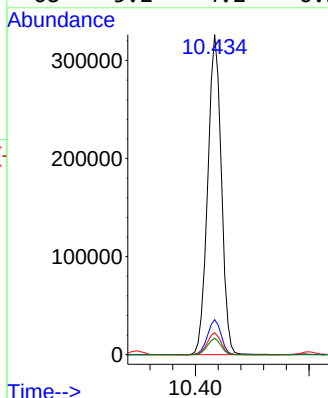
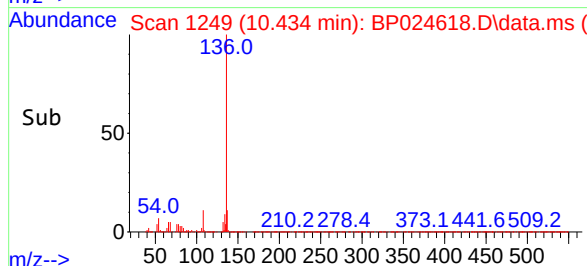
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

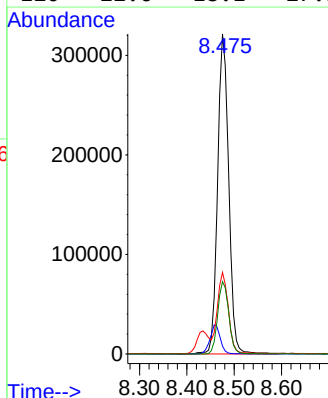
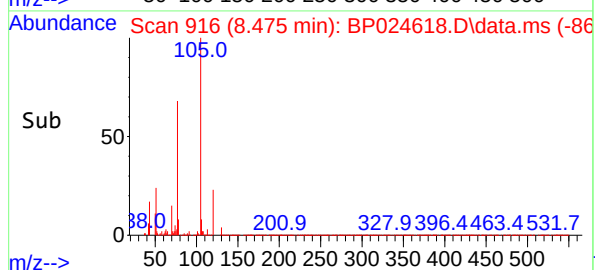
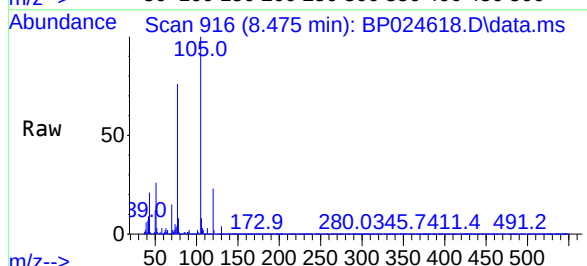
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

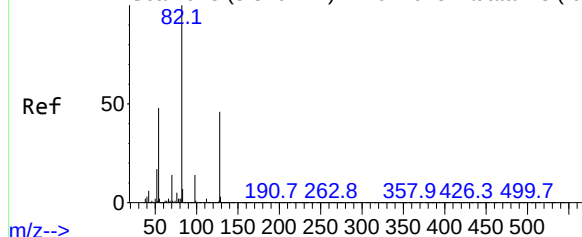


#22
Acetophenone
Concen: 38.64 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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



Abundance Scan 973 (8.810 min): BP024618.D\data.ms (-96



#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

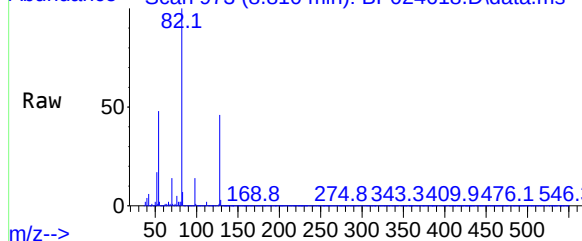
Manual Integrations

APPROVED

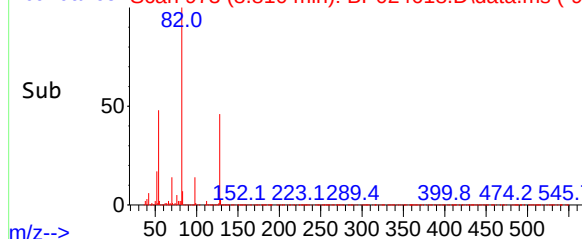
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

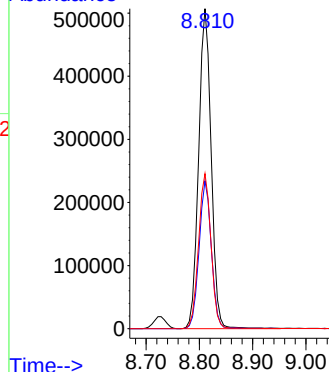
Abundance Scan 973 (8.810 min): BP024618.D\data.ms



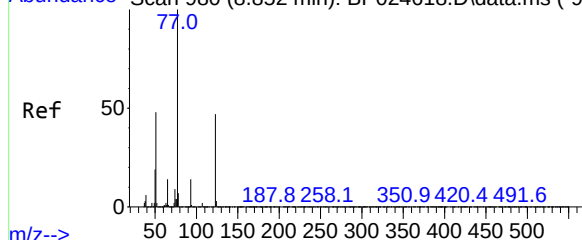
Abundance Scan 973 (8.810 min): BP024618.D\data.ms (-92



Abundance



Abundance Scan 980 (8.852 min): BP024618.D\data.ms (-96



#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

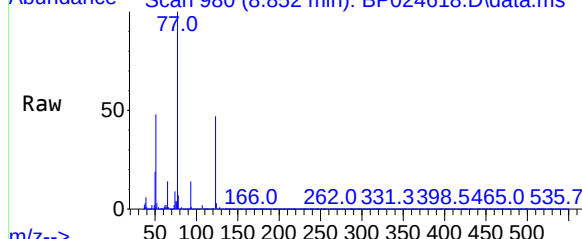
Ion Ratio Lower Upper

77 100

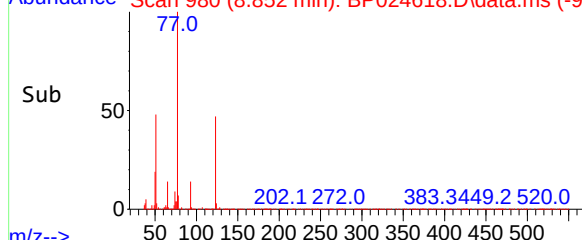
123 46.7 37.4 56.0

65 14.1 11.3 16.9

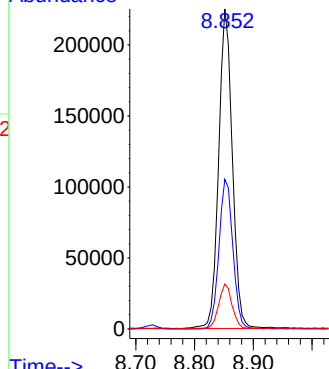
Abundance Scan 980 (8.852 min): BP024618.D\data.ms

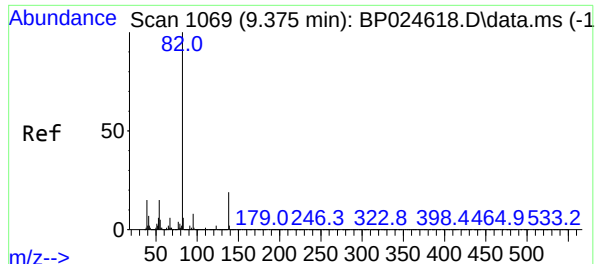


Abundance Scan 980 (8.852 min): BP024618.D\data.ms (-92



Abundance





#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

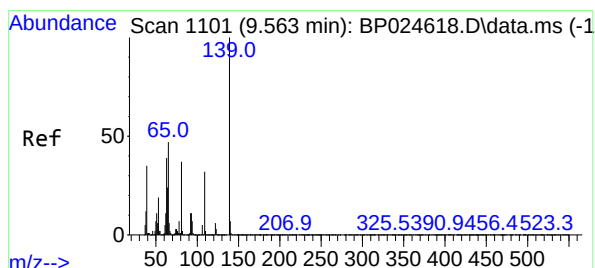
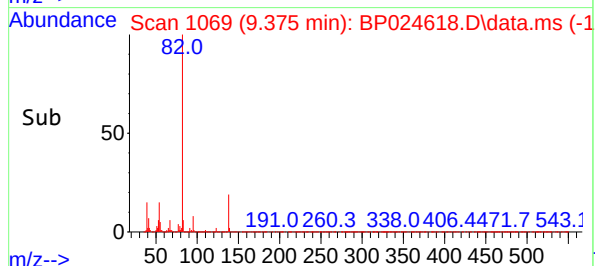
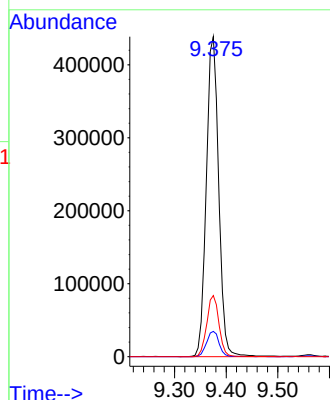
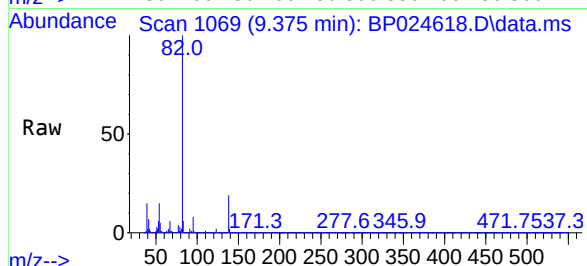
138 19.1 15.3 22.9

Manual Integrations

APPROVED

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

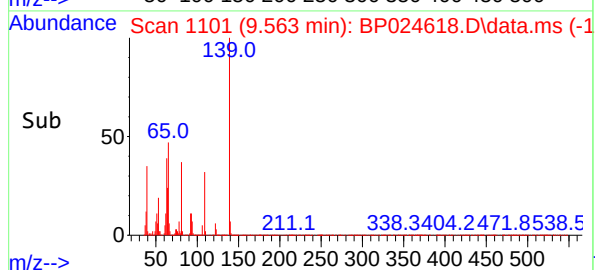
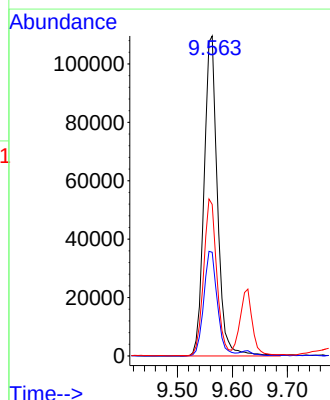
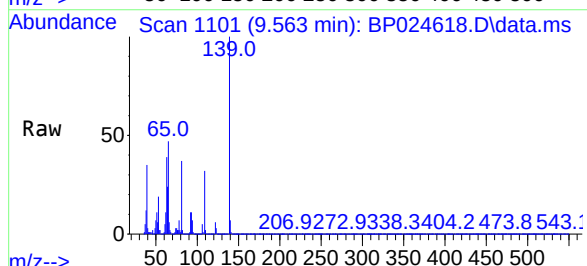
Tgt Ion:139 Resp: 185587

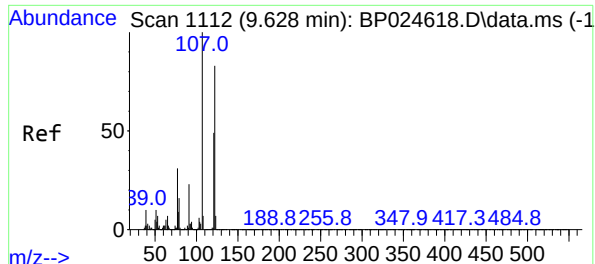
Ion Ratio Lower Upper

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

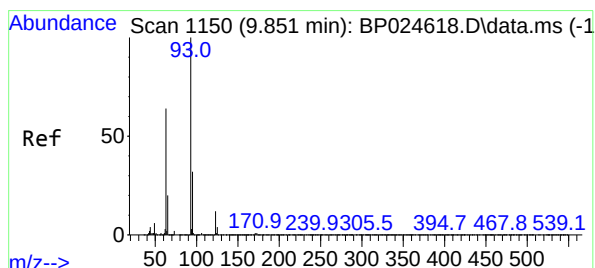
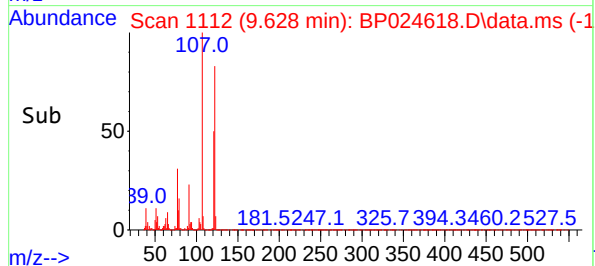
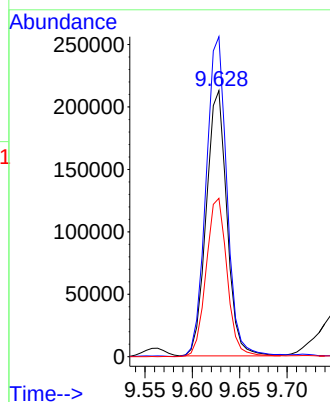
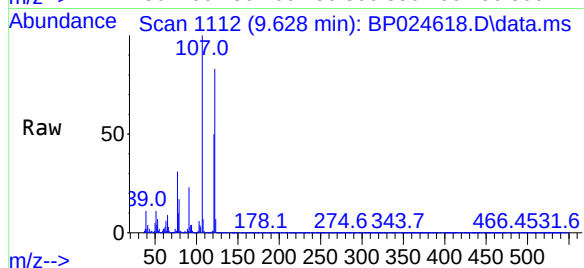
121 59.5 47.6 71.4

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

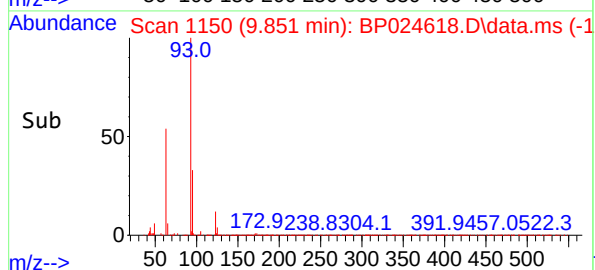
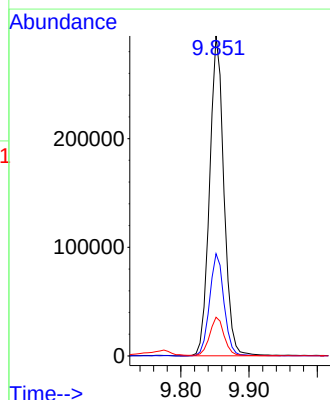
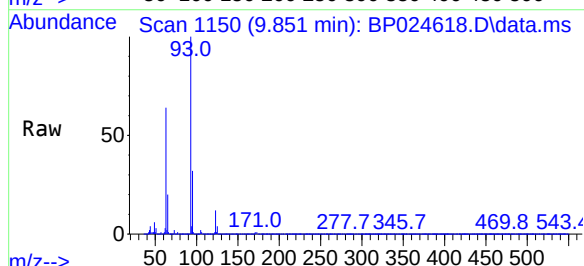
Tgt Ion: 93 Resp: 430958

Ion Ratio Lower Upper

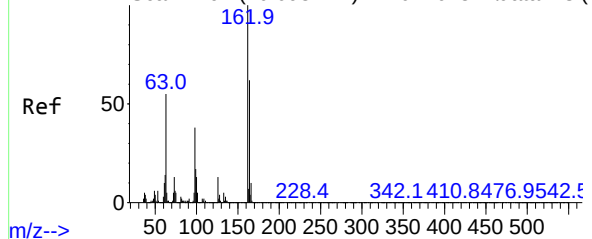
93 100

95 31.9 25.5 38.3

123 12.1 9.7 14.5



Abundance Scan 1191 (10.093 min): BP024618.D\data.ms (-



#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

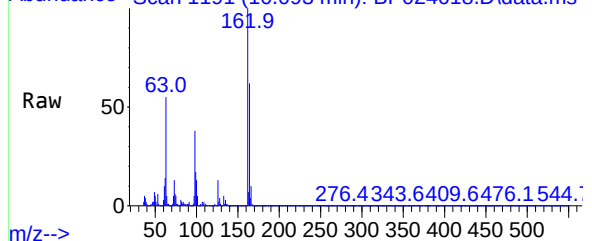
Manual Integrations

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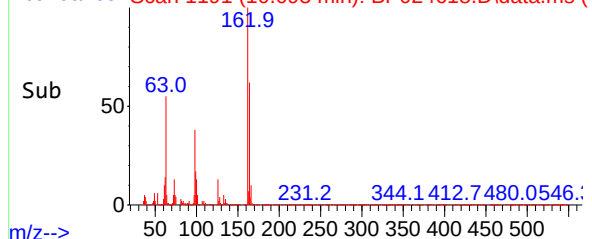
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

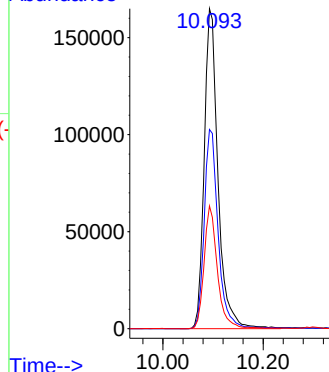
Abundance Scan 1191 (10.093 min): BP024618.D\data.ms (-



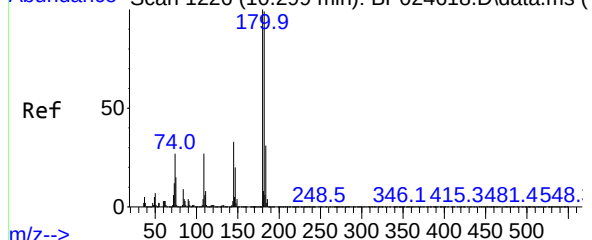
Abundance Scan 1191 (10.093 min): BP024618.D\data.ms (-



Abundance



Abundance Scan 1226 (10.299 min): BP024618.D\data.ms (-



#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

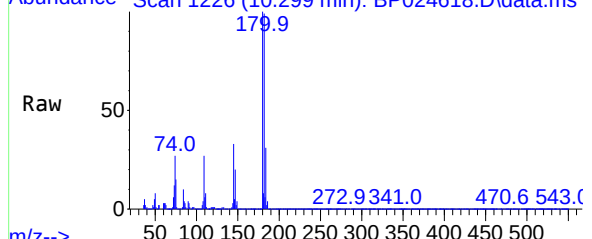
Ion Ratio Lower Upper

180 100

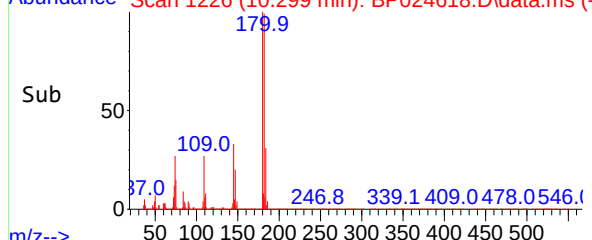
182 98.7 79.0 118.4

145 33.2 26.6 39.8

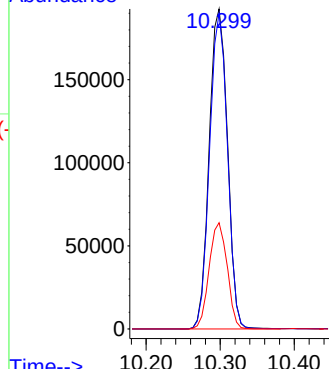
Abundance Scan 1226 (10.299 min): BP024618.D\data.ms (-

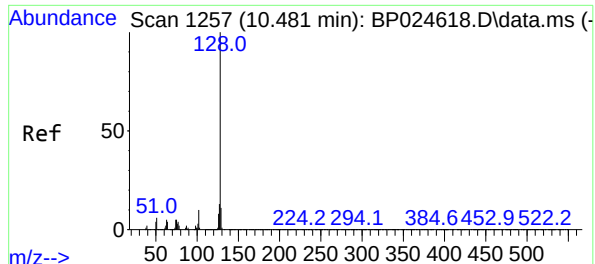


Abundance Scan 1226 (10.299 min): BP024618.D\data.ms (-



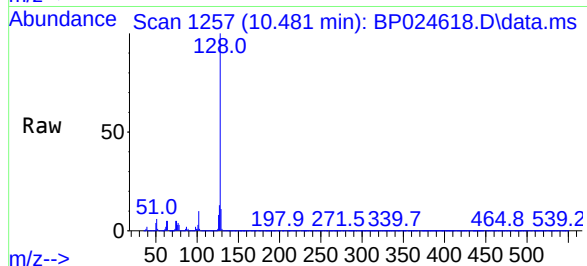
Abundance





#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

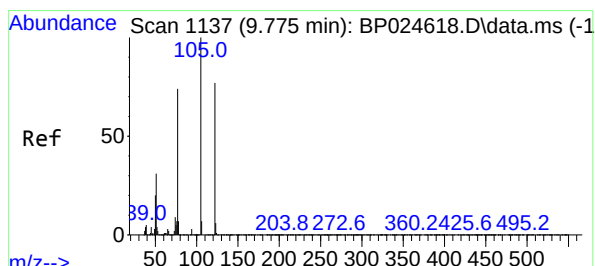
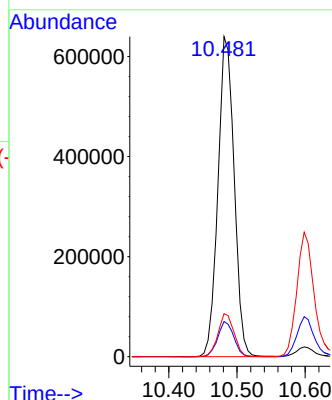
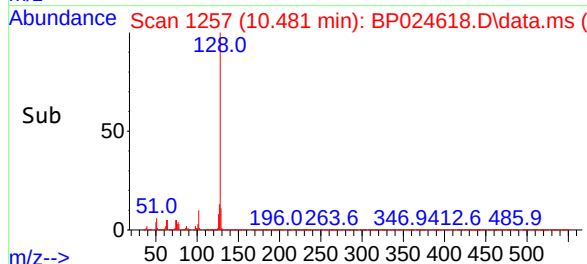
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

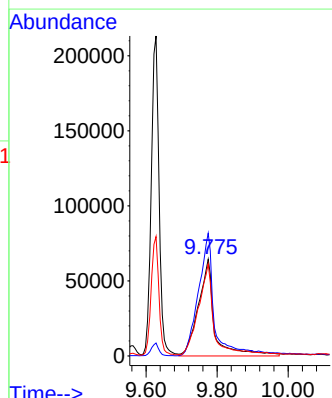
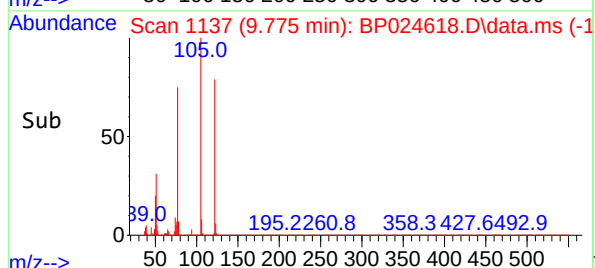
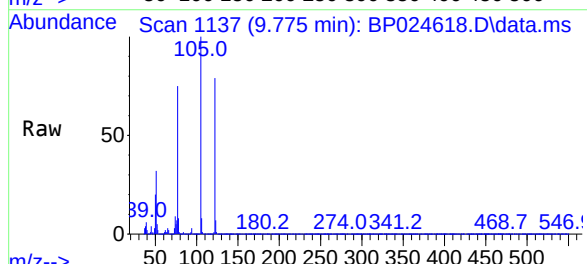
Manual Integrations
APPROVED

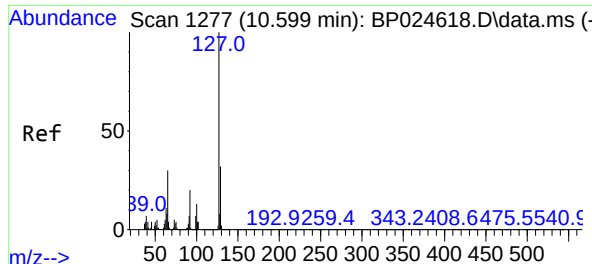
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

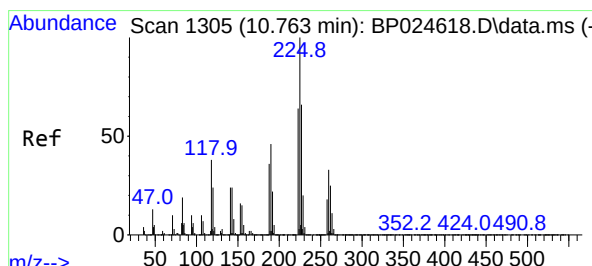
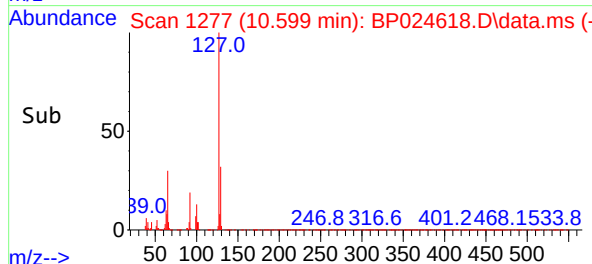
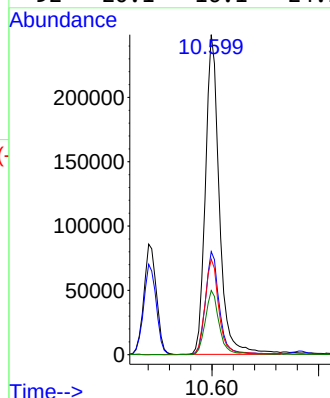
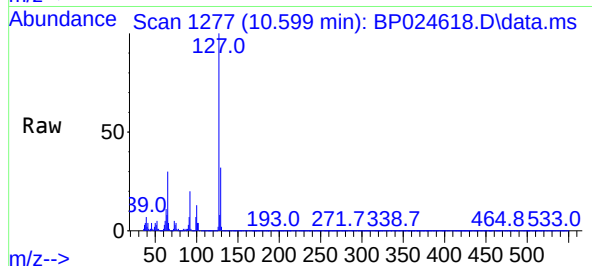
92 20.1 16.1 24.1

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

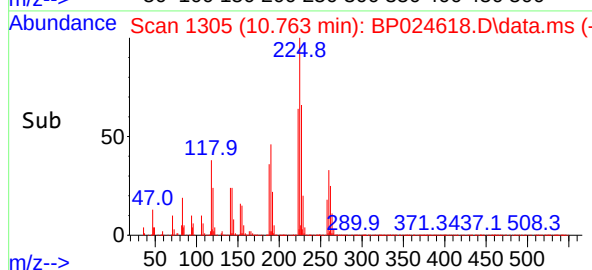
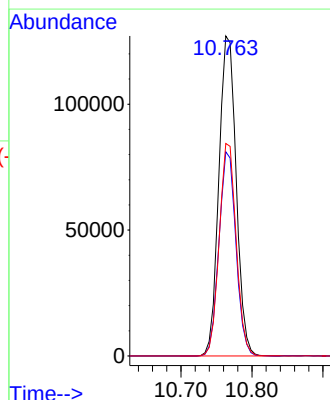
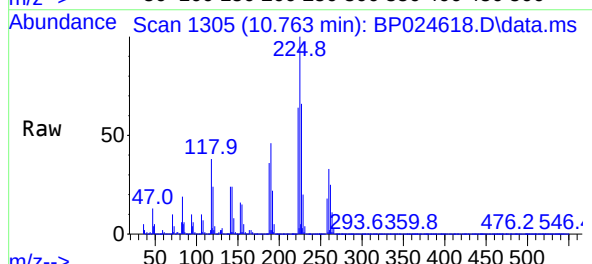
Tgt Ion:225 Resp: 213978

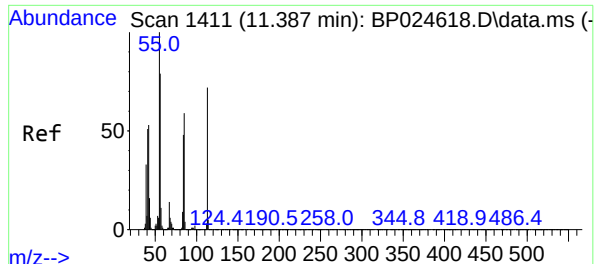
Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.6

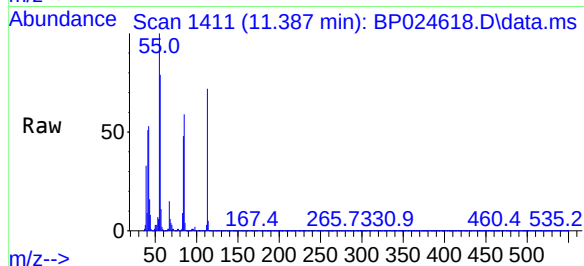
227 66.4 53.1 79.7





#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

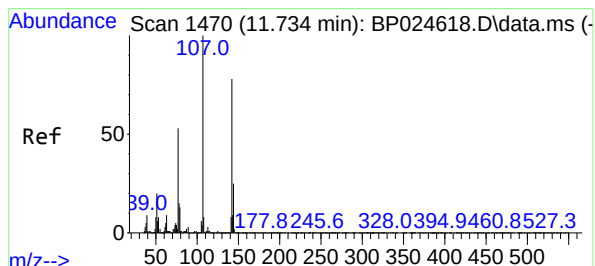
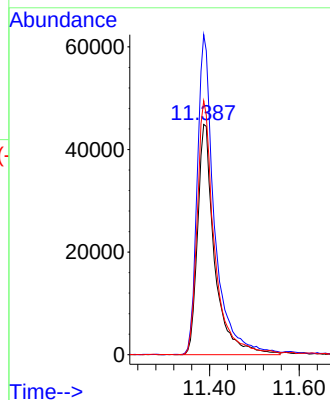
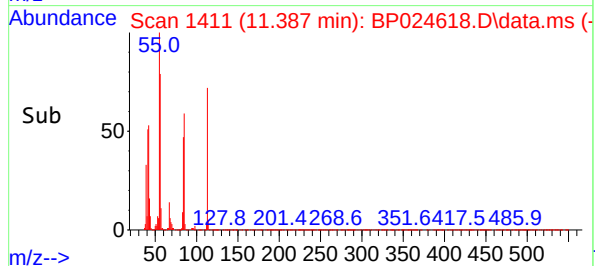
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

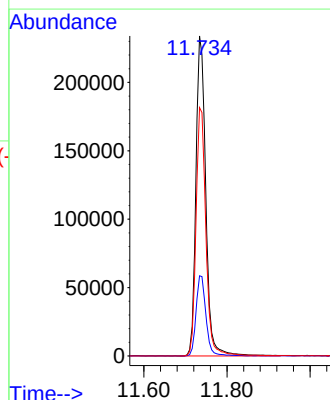
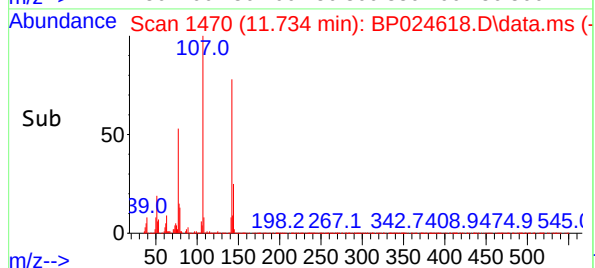
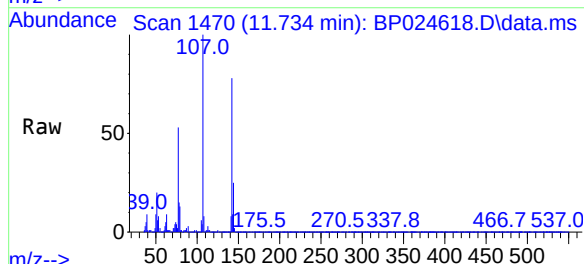
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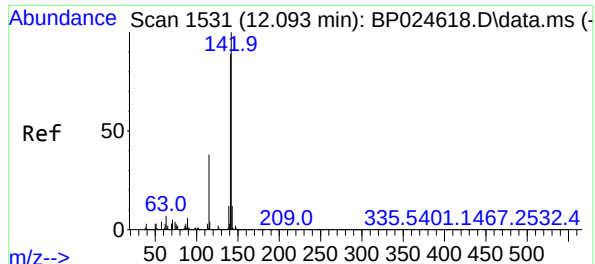
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





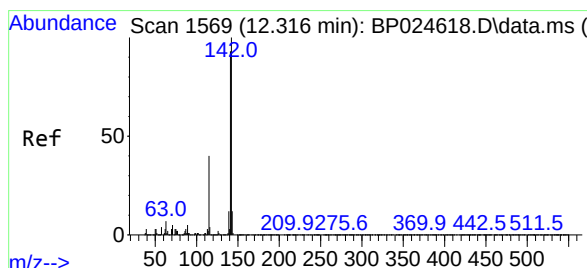
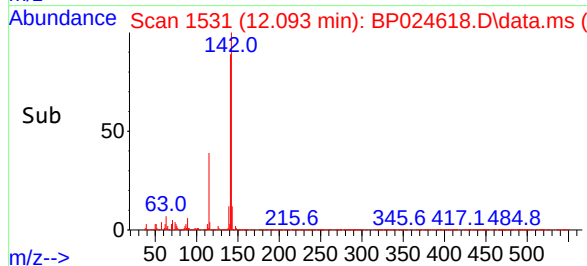
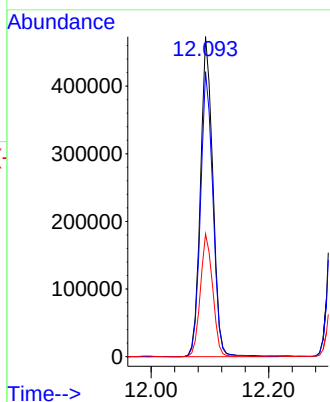
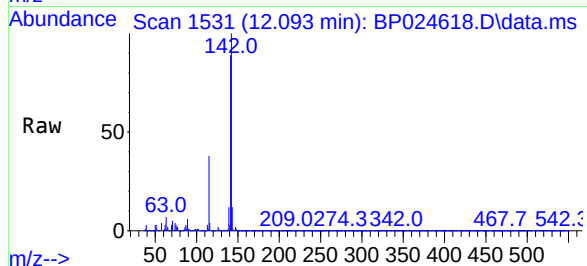
#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 69213
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 38.3 30.6 46.0

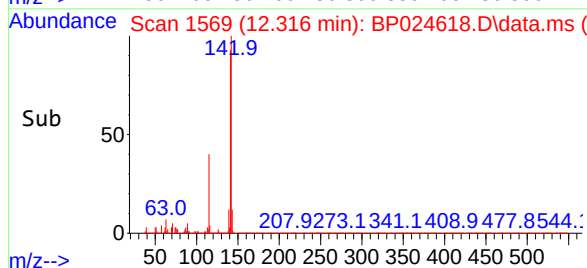
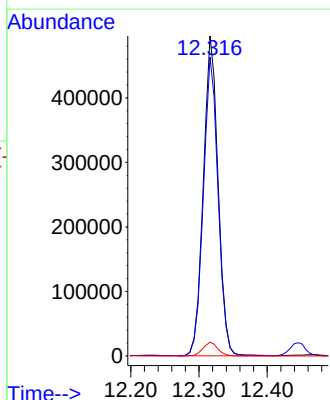
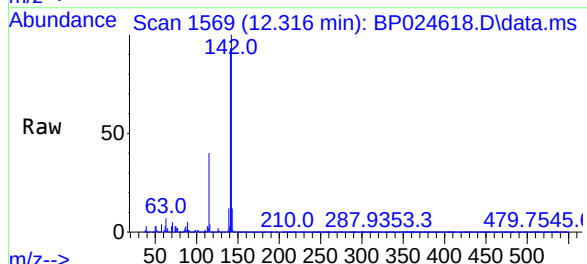
Manual Integrations
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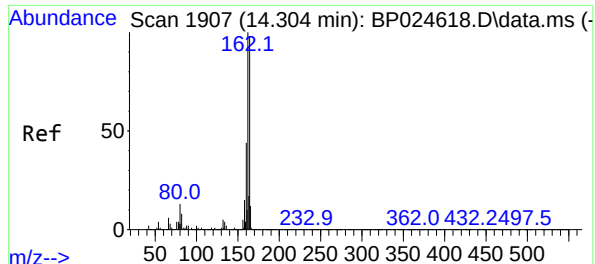
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

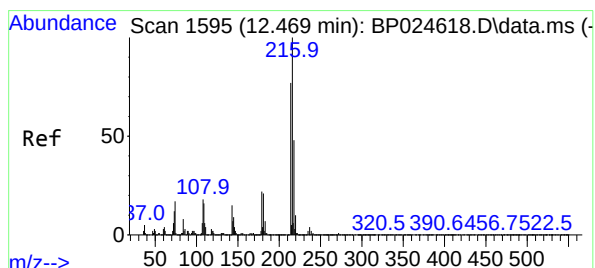
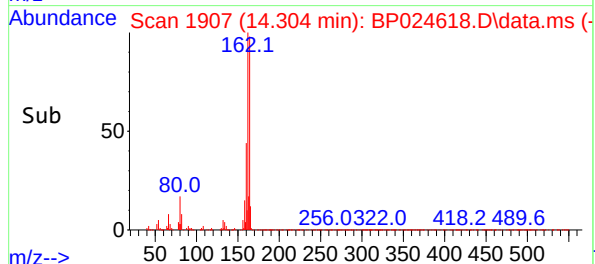
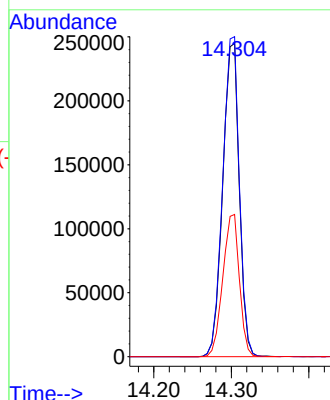
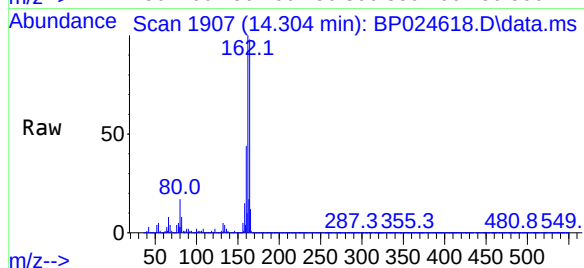
160 45.4 36.3 54.5

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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: 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

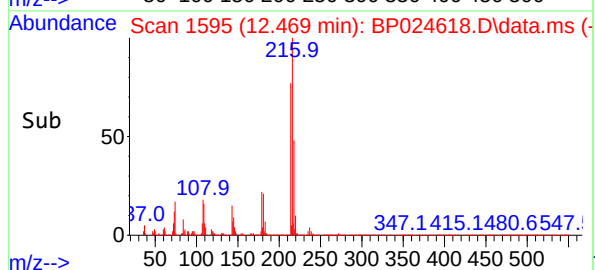
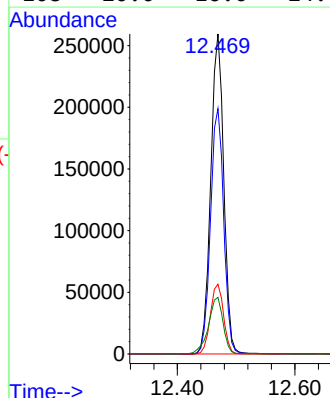
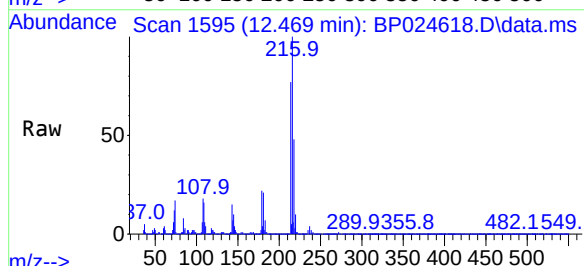
Ion Ratio Lower Upper

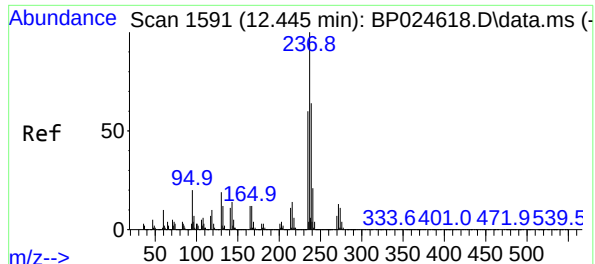
216 100

214 77.9 62.3 93.5

179 22.1 17.7 26.5

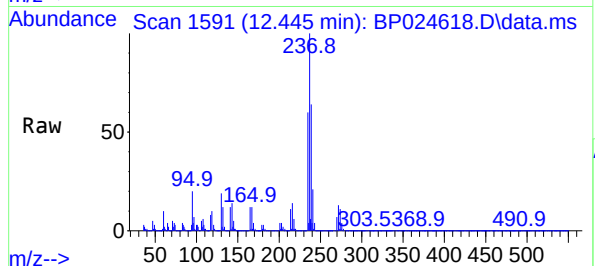
108 20.0 16.0 24.0





#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

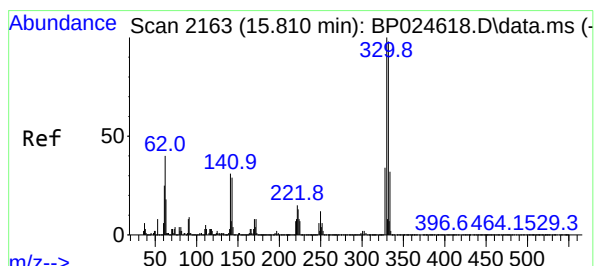
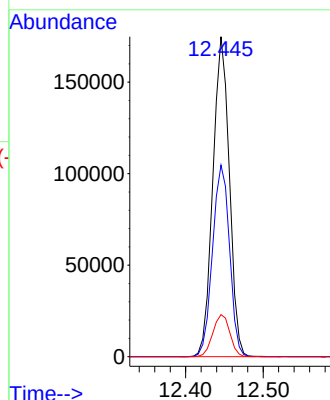
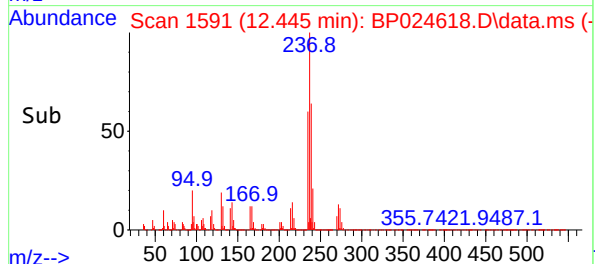
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

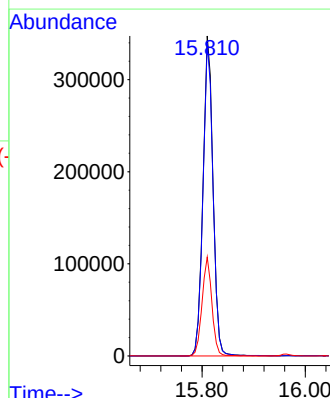
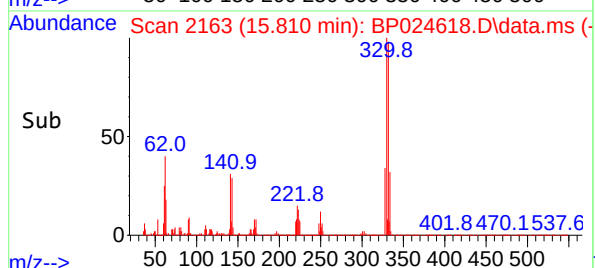
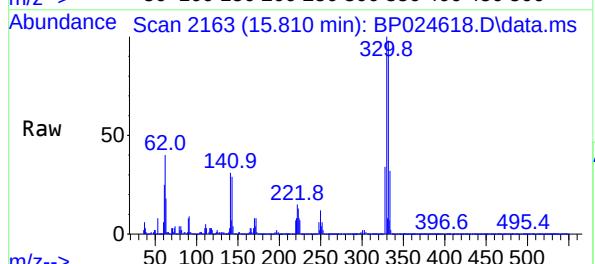
Manual Integrations
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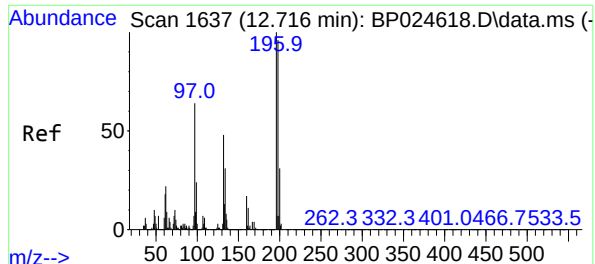
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

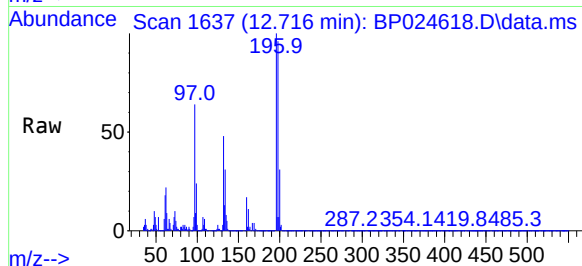
Tgt Ion: 330 Resp: 467808
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 30.4 24.3 36.5





#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

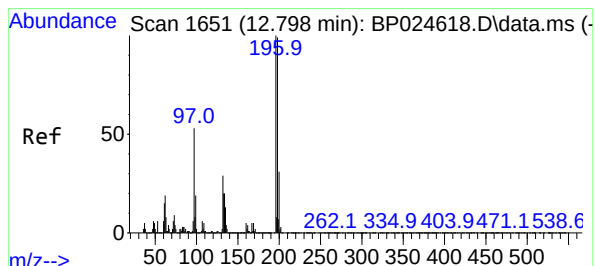
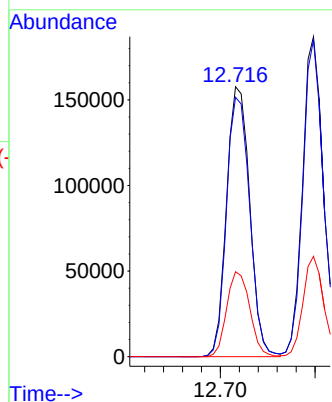
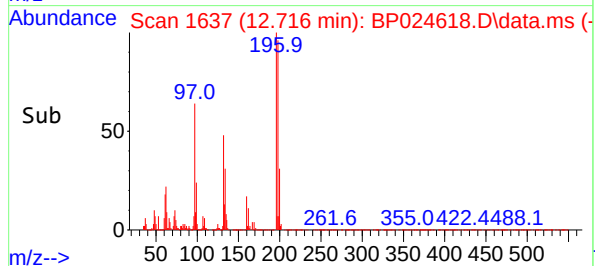
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



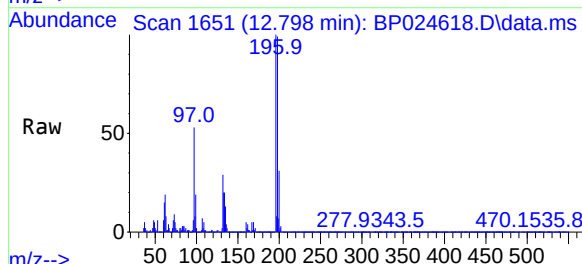
Tgt Ion:196 Resp: 268679
Ion Ratio Lower Upper
196 100
198 96.1 76.9 115.3
200 31.5 25.2 37.8

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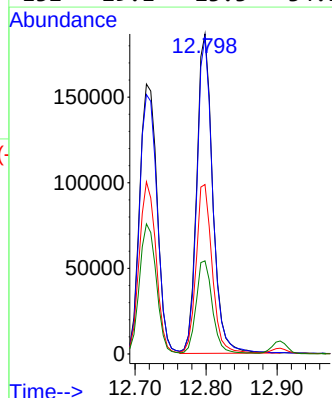
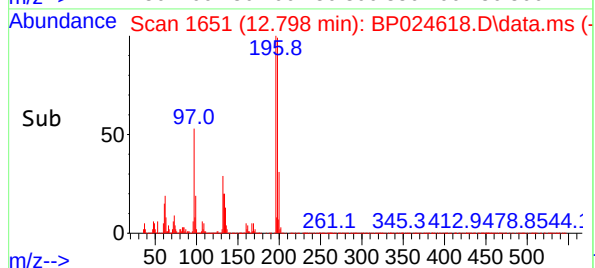
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

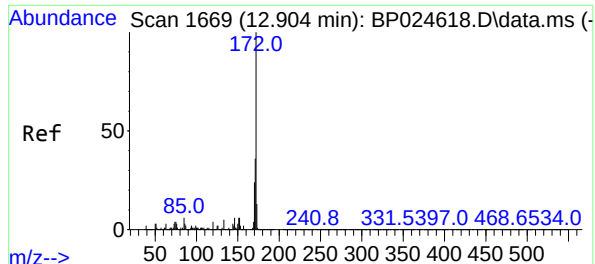


#44
2,4,5-Trichlorophenol
Concen: 38.62 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



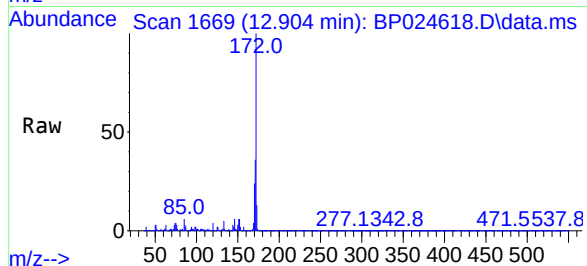
Tgt Ion:196 Resp: 293079
Ion Ratio Lower Upper
196 100
198 99.0 79.2 118.8
97 52.9 42.3 63.5
132 29.1 23.3 34.9





#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

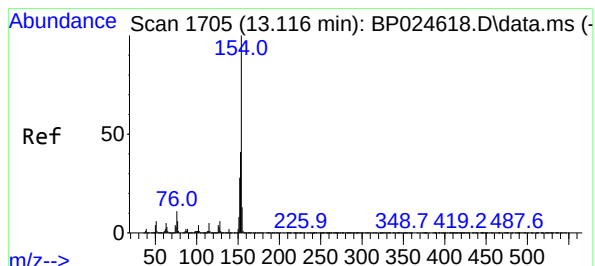
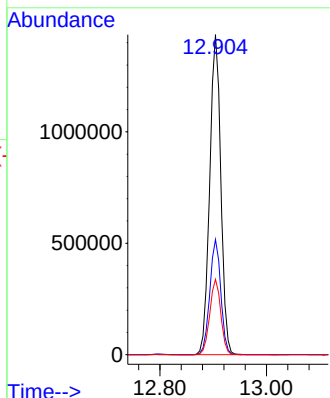
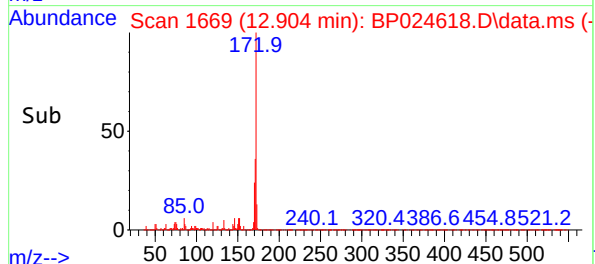
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

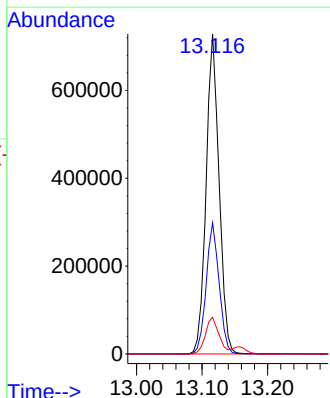
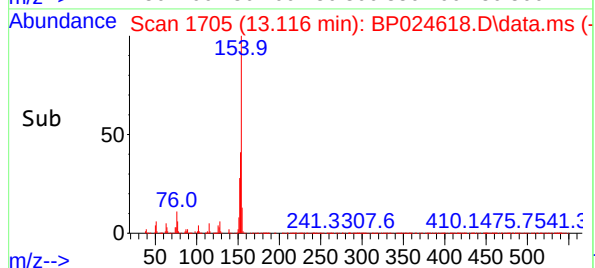
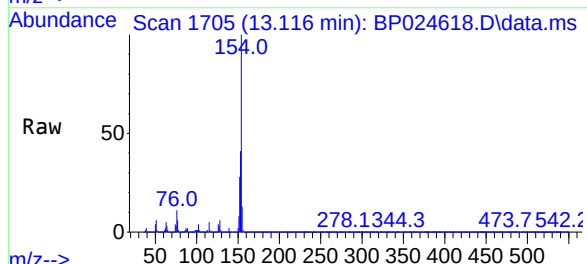
Manual Integrations
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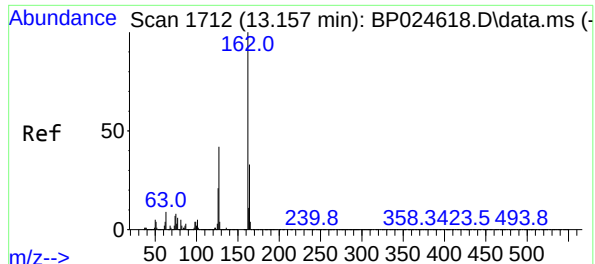
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





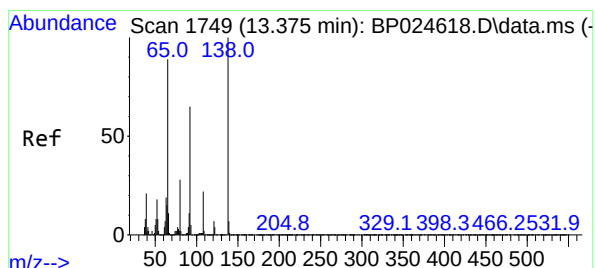
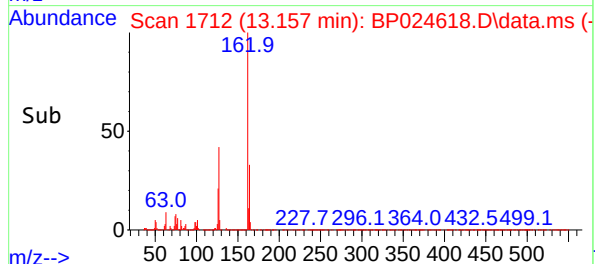
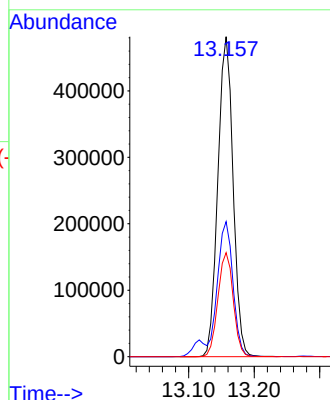
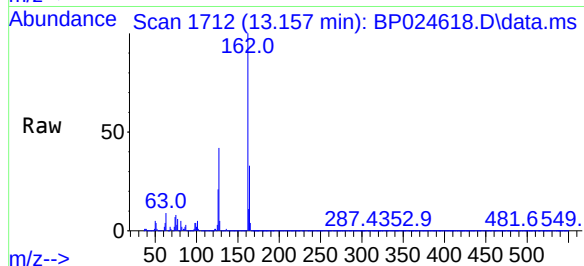
#47
2-Chloronaphthalene
Concen: 37.79 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

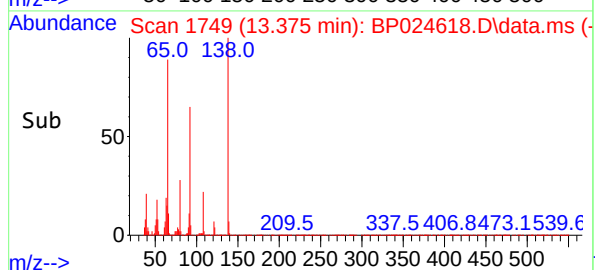
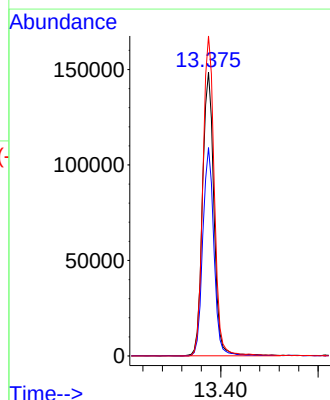
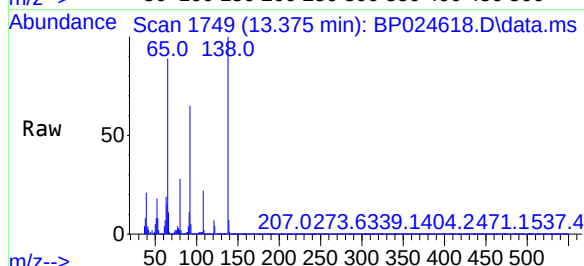
Manual Integrations
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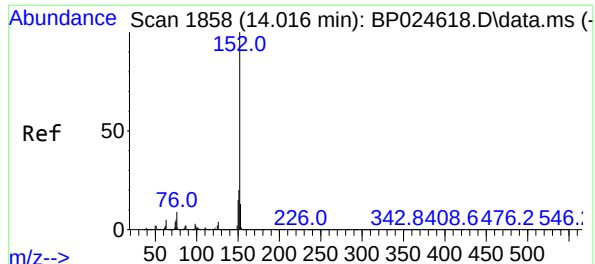
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

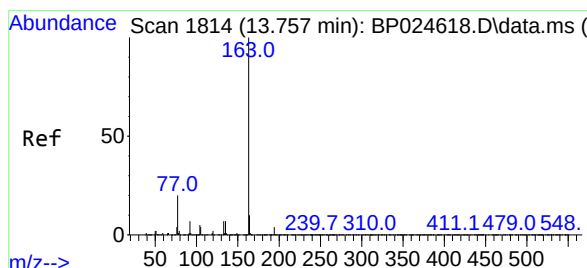
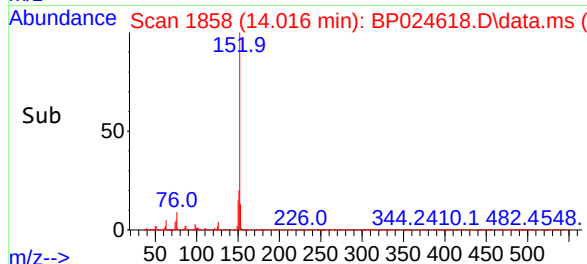
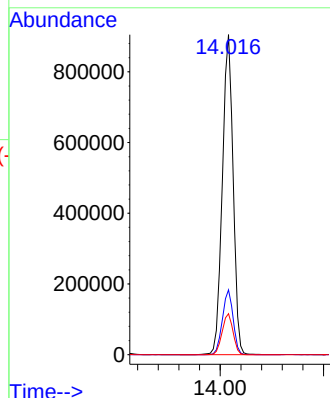
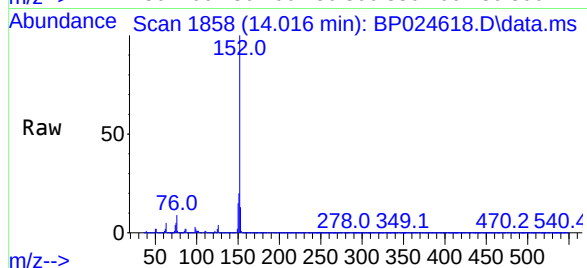
153 12.8 10.2 15.4

Manual Integrations

APPROVED

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

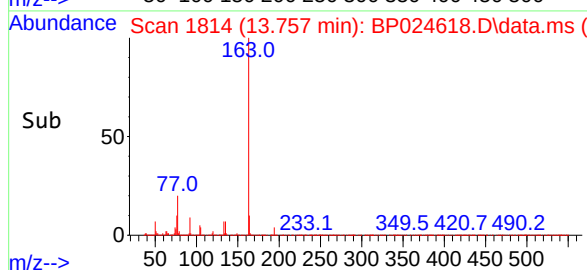
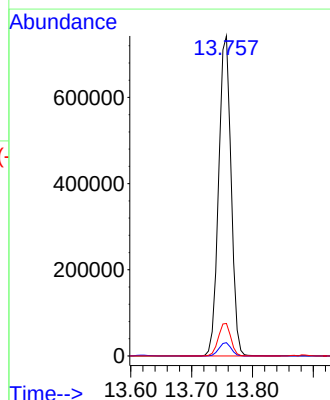
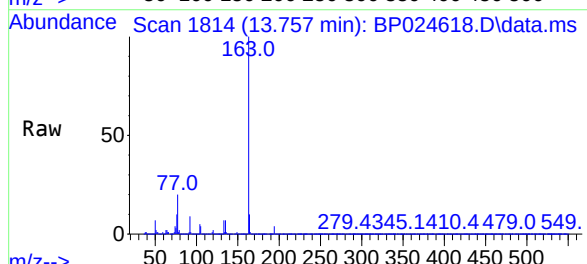
Tgt Ion:163 Resp: 1051056

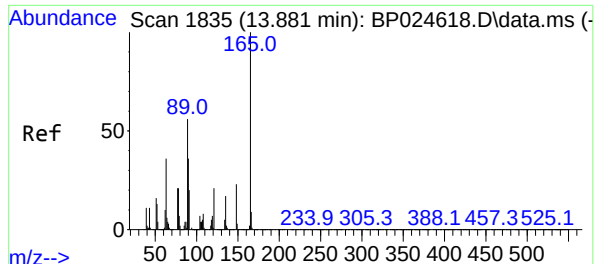
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.1 12.1





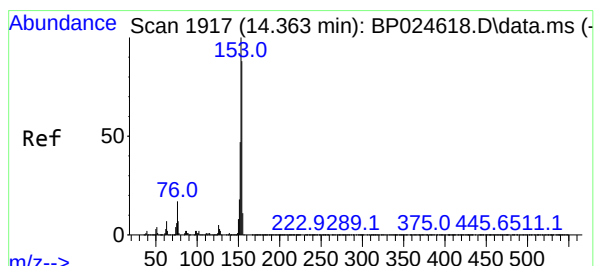
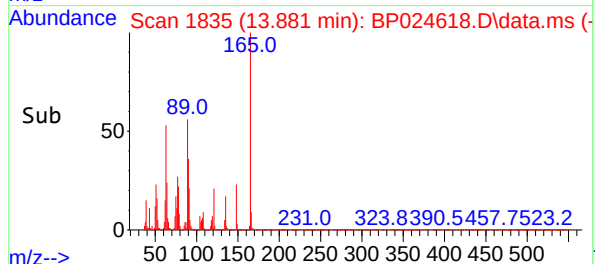
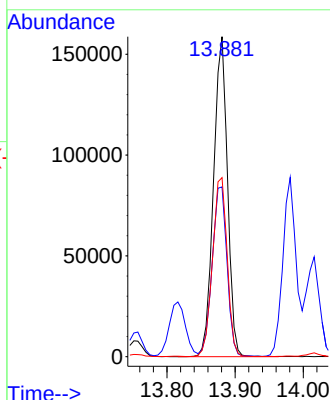
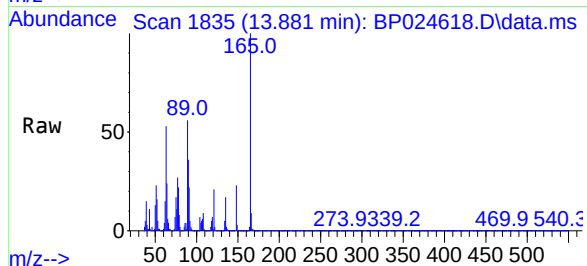
#51
2,6-Dinitrotoluene
Concen: 38.75 ng
RT: 13.881 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

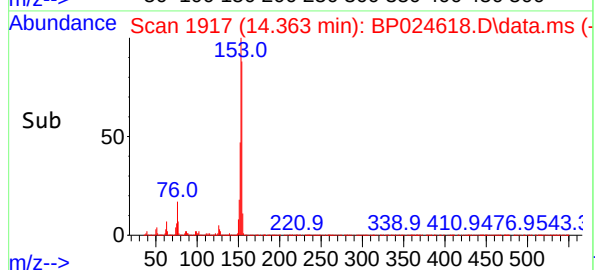
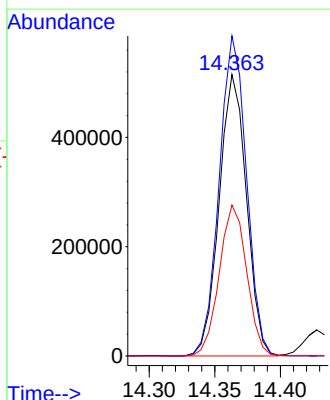
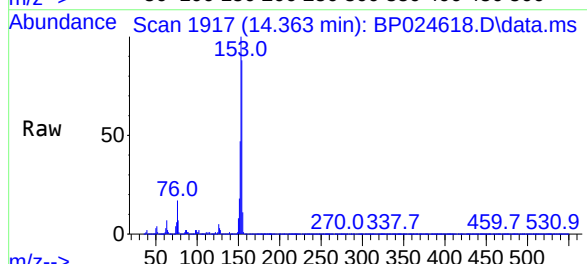
Manual Integrations
APPROVED

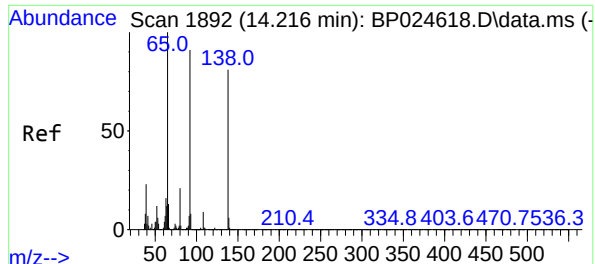
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

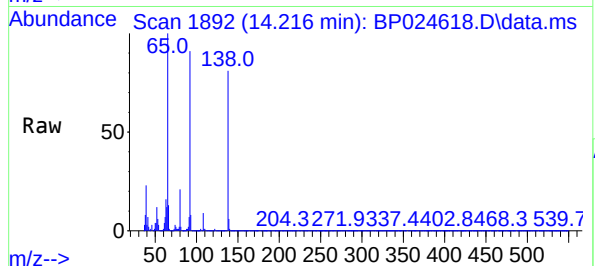
Tgt Ion:154 Resp: 745335
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 53.6 42.9 64.3





#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

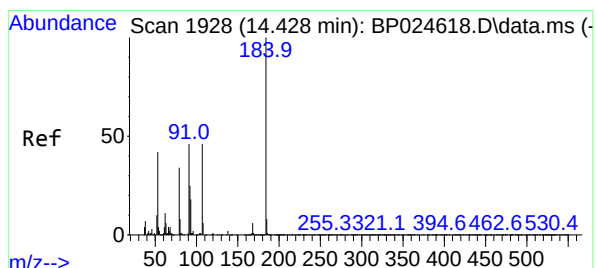
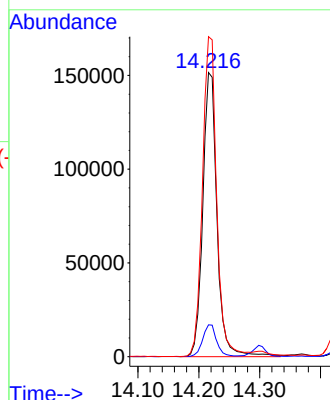
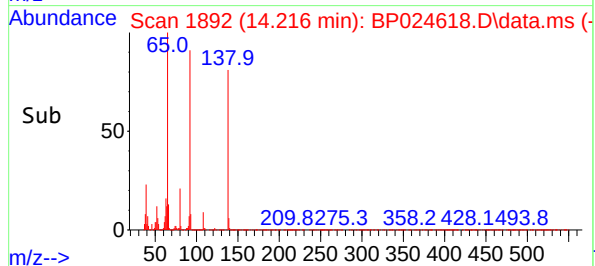
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

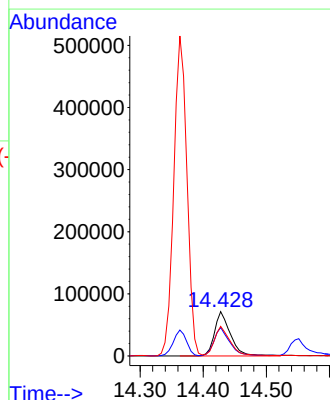
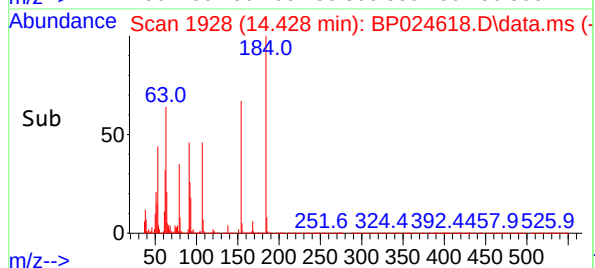
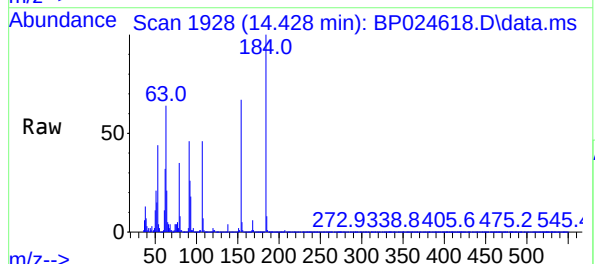
Manual Integrations
APPROVED

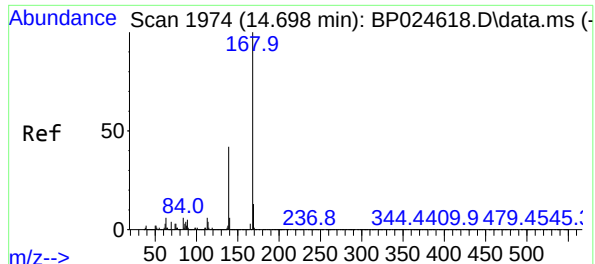
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

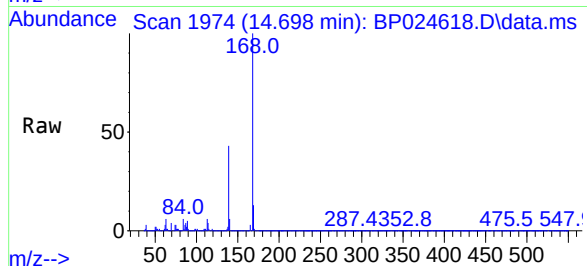
Tgt Ion:184 Resp: 124517
Ion Ratio Lower Upper
184 100
63 64.1 51.3 76.9
154 66.9 53.5 80.3





#55
Dibenzenofuran
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

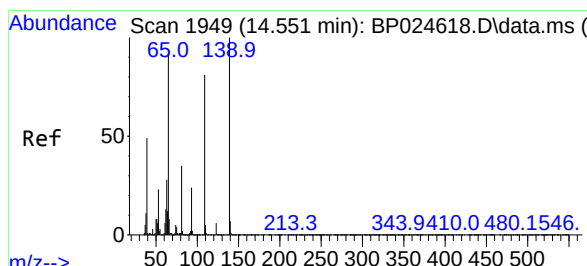
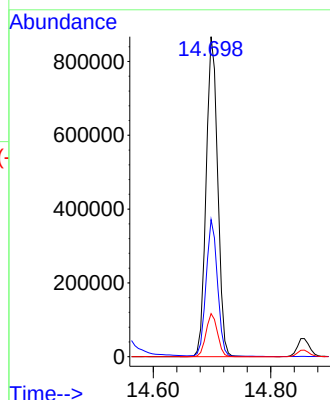
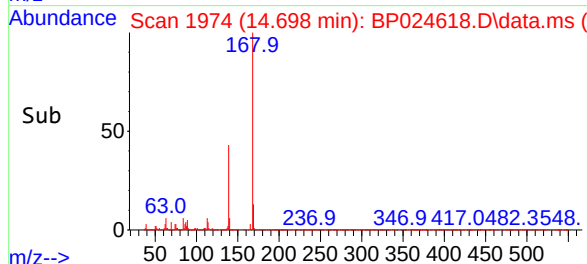
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

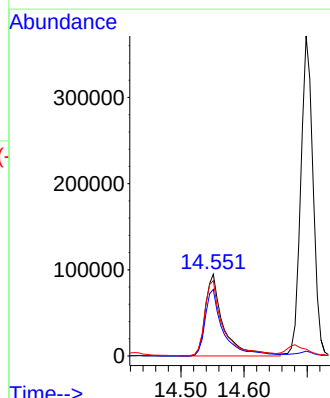
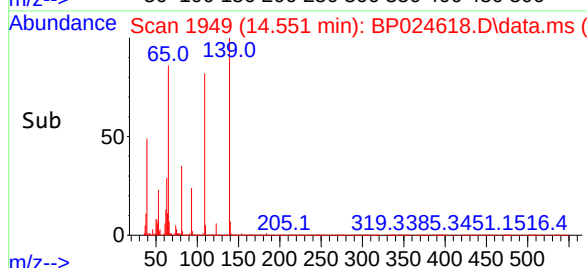
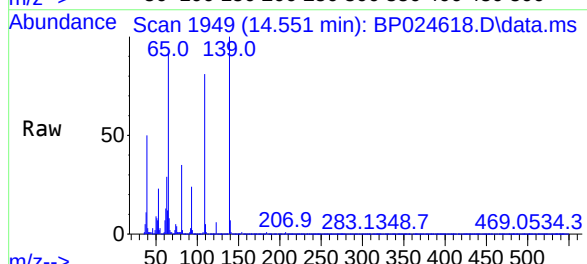
Manual Integrations
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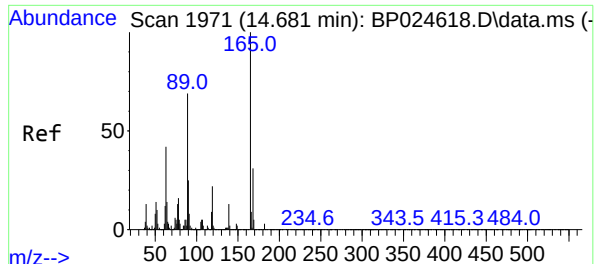
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





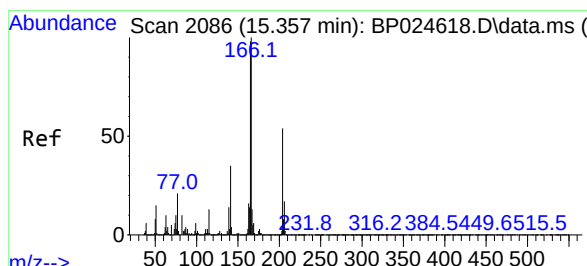
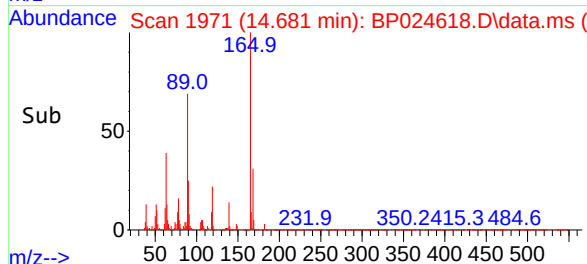
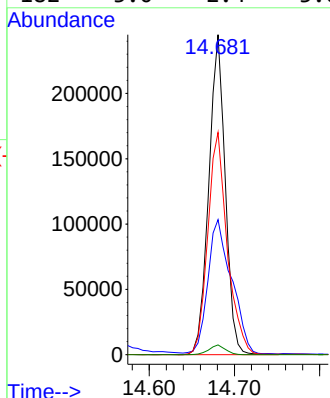
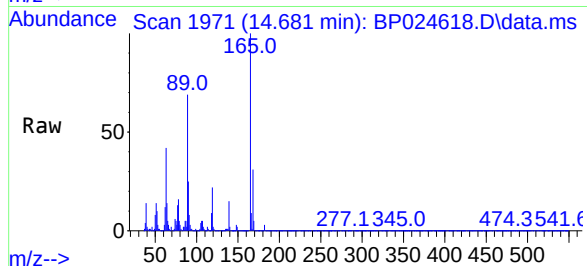
#57
2,4-Dinitrotoluene
Concen: 40.02 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

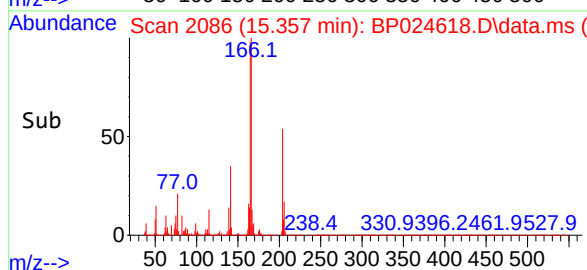
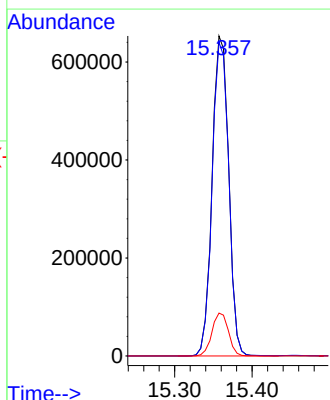
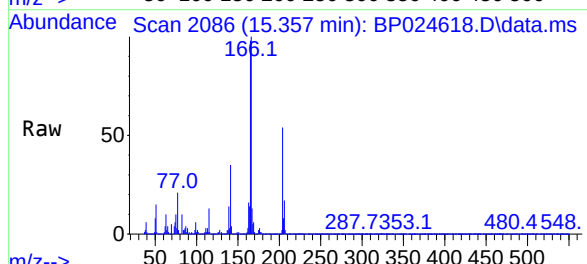
Manual Integrations
APPROVED

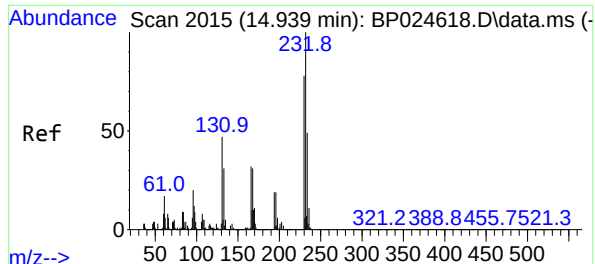
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

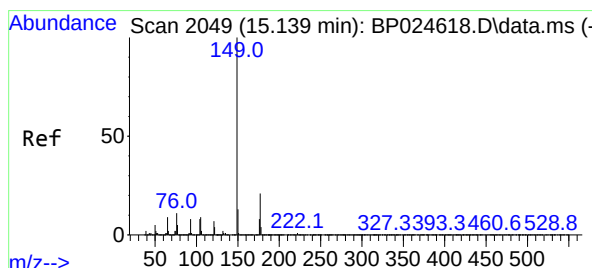
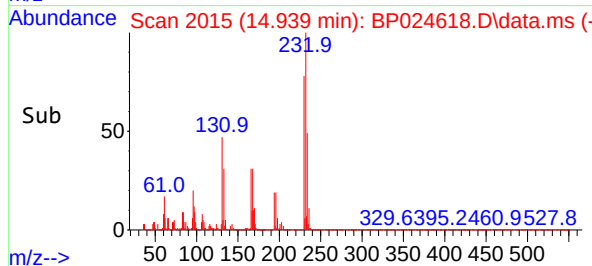
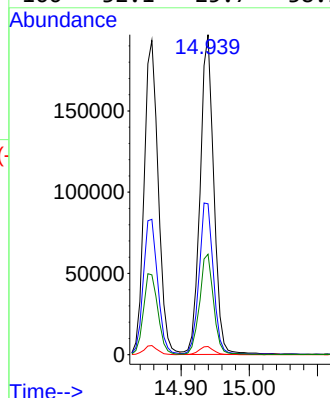
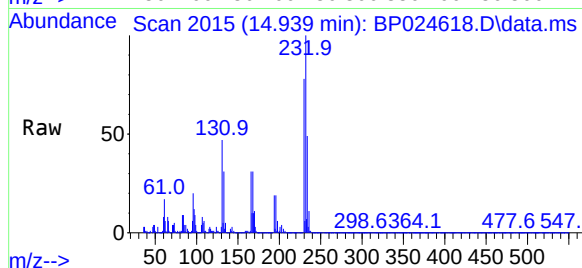
166 32.1 25.7 38.5

Manual Integrations

APPROVED

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

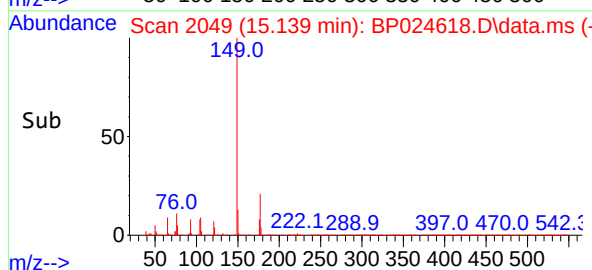
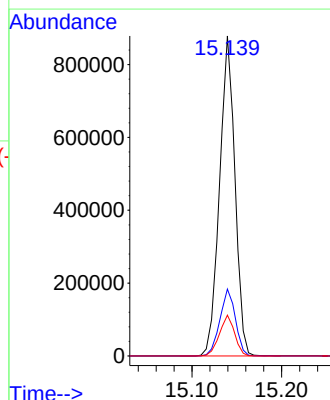
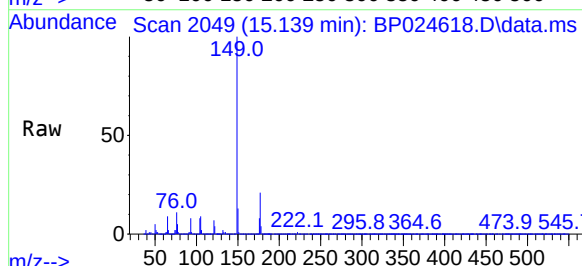
Tgt Ion:149 Resp: 1046478

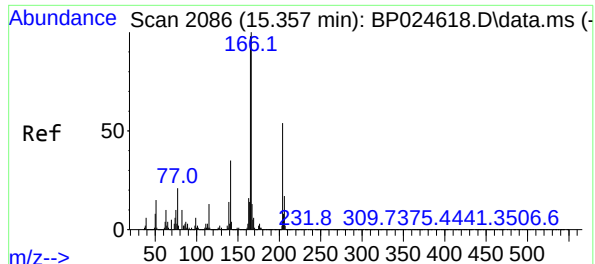
Ion Ratio Lower Upper

149 100

177 20.9 16.7 25.1

150 12.7 10.2 15.2





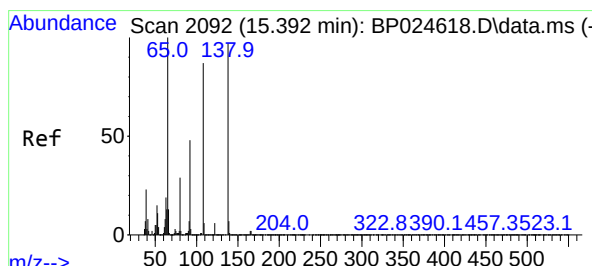
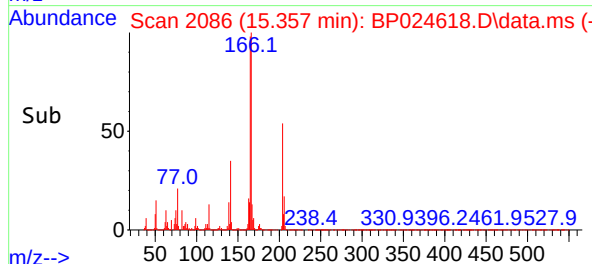
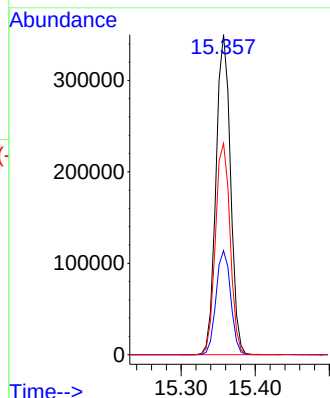
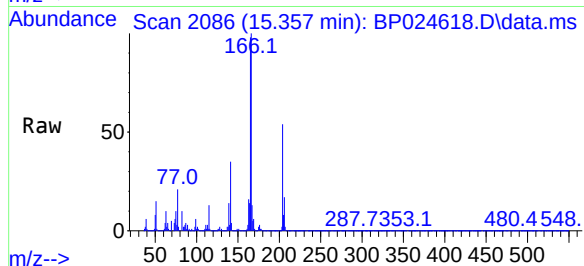
#61
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

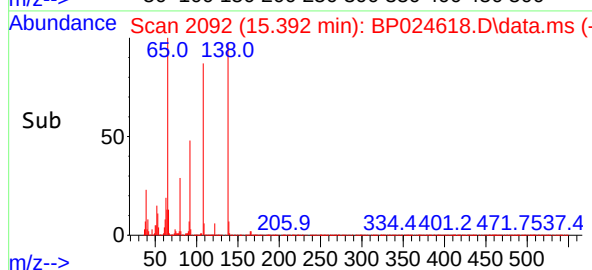
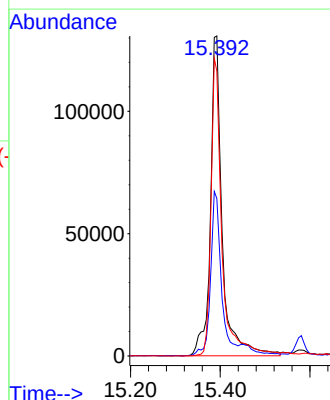
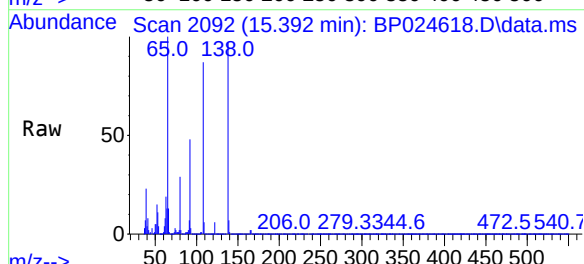
Manual Integrations
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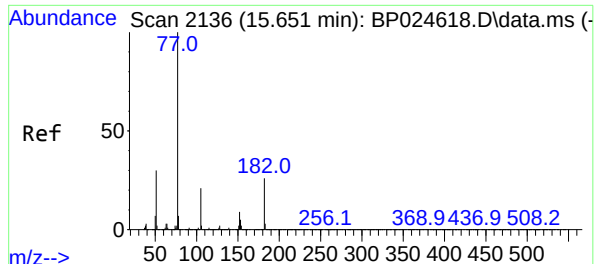
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

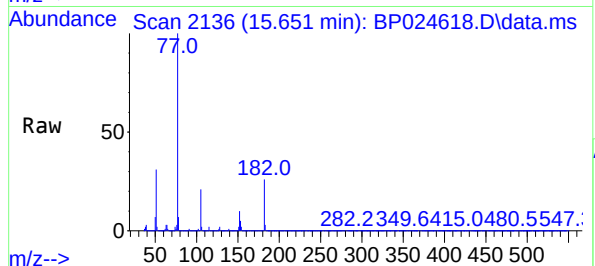
Tgt Ion:138 Resp: 239212
Ion Ratio Lower Upper
138 100
92 49.2 29.2 69.2
108 89.0 69.0 109.0





#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

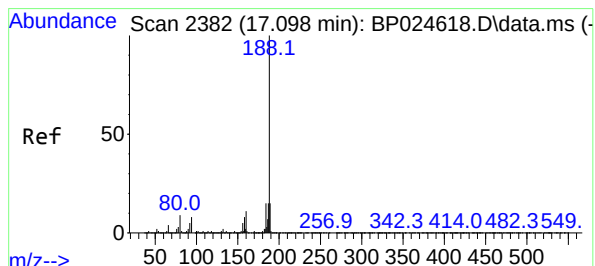
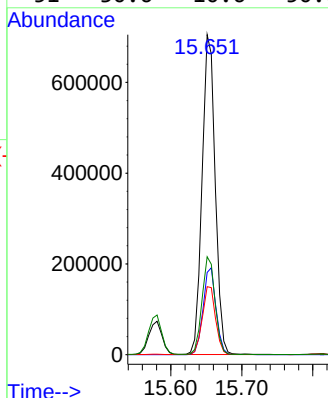
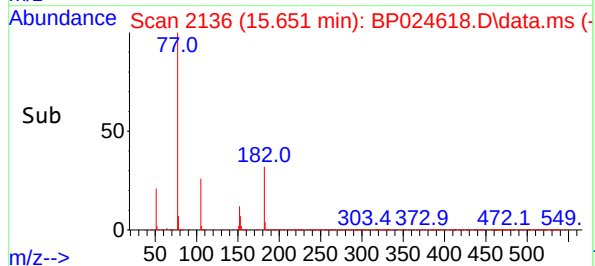
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

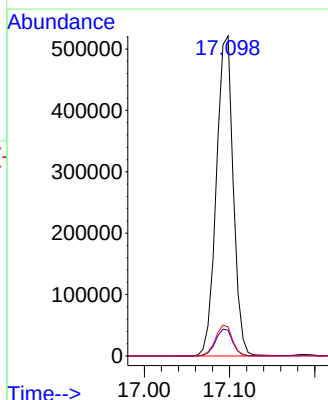
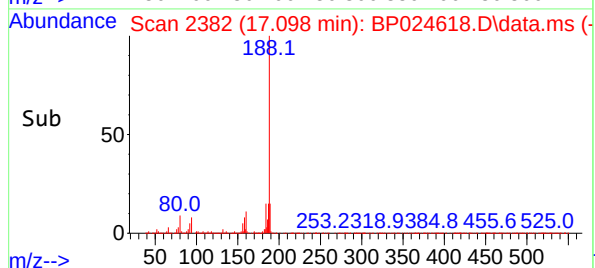
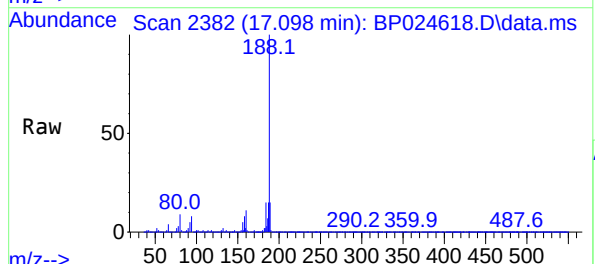
Manual Integrations
APPROVED

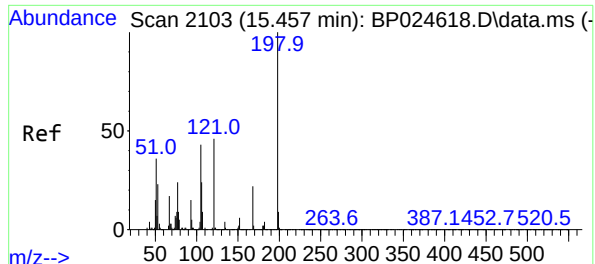
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

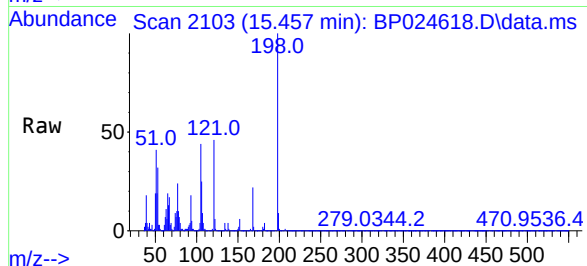
Tgt Ion:188 Resp: 717362
Ion Ratio Lower Upper
188 100
94 8.1 6.5 9.7
80 9.1 7.3 10.9





#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

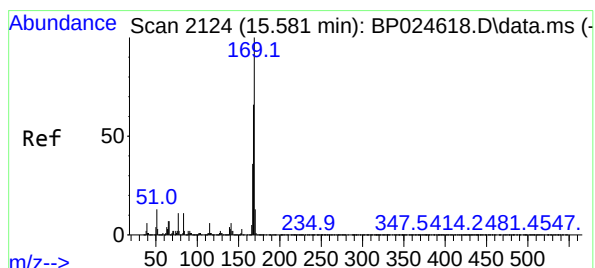
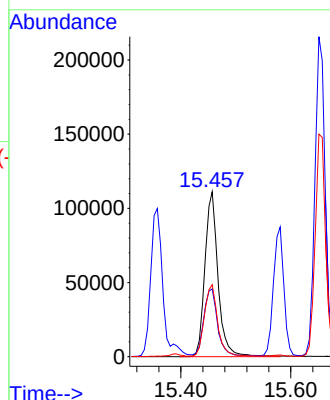
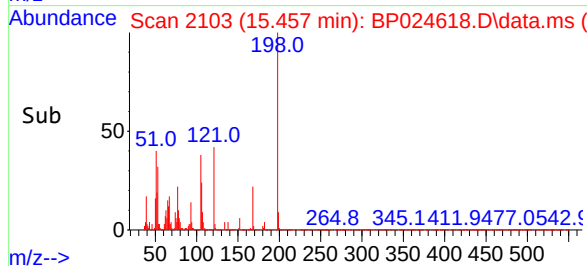
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

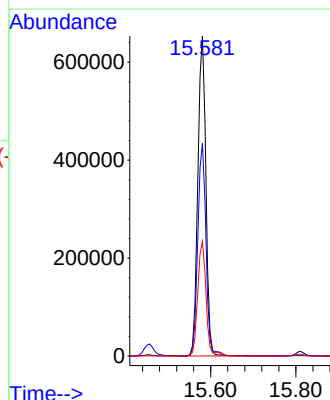
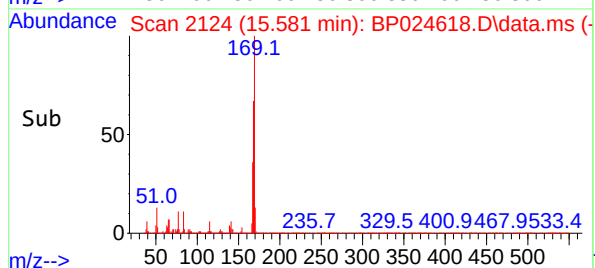
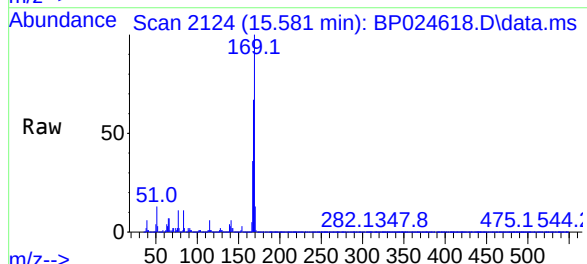
Manual Integrations
APPROVED

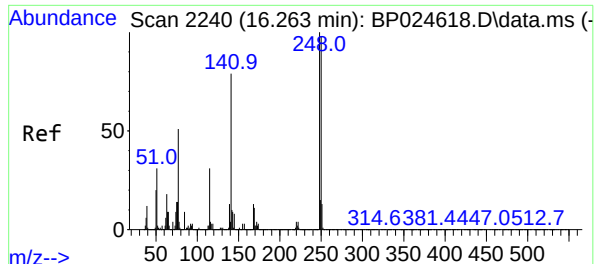
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





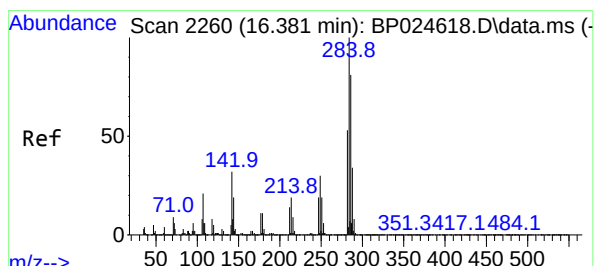
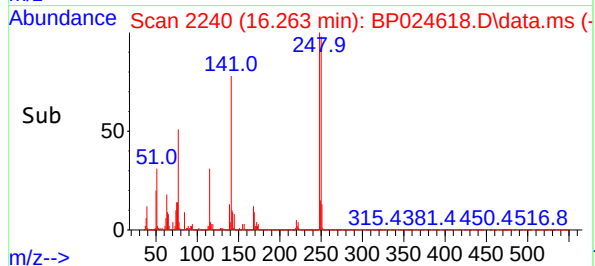
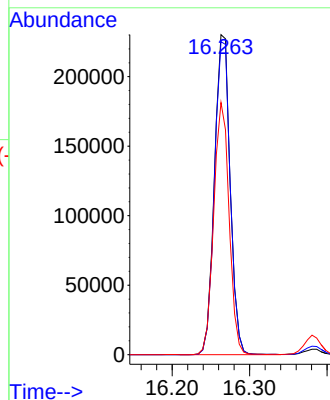
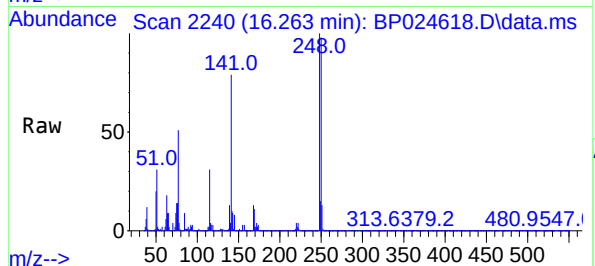
#67
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 16.263 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

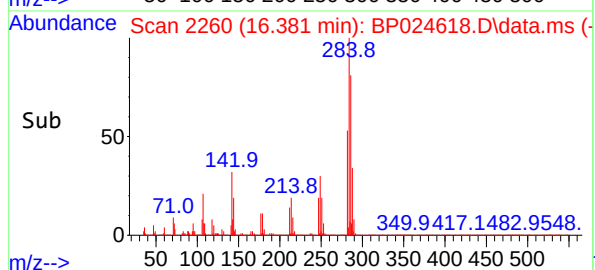
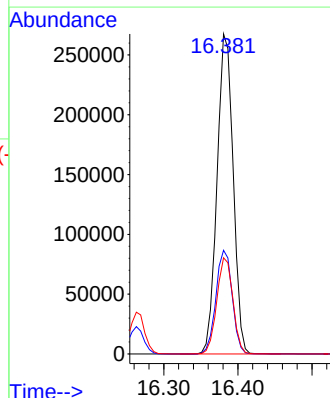
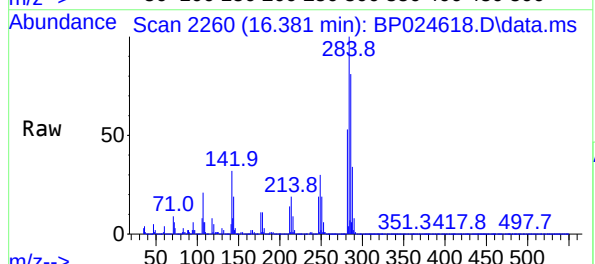
Manual Integrations
APPROVED

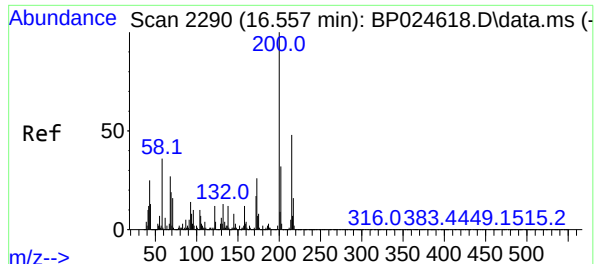
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

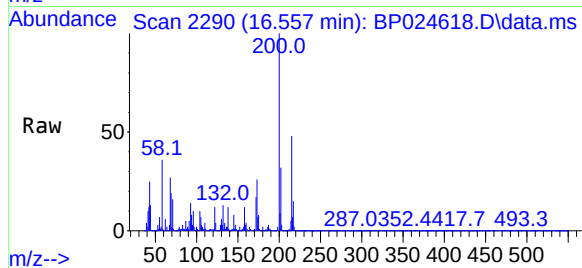
Tgt Ion:284 Resp: 403916
Ion Ratio Lower Upper
284 100
142 32.4 25.9 38.9
249 30.1 24.1 36.1





#69
Atrazine
Concen: 38.67 ng
RT: 16.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

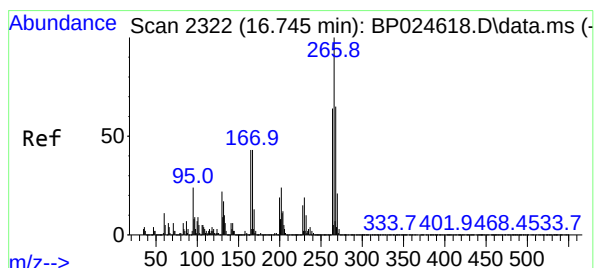
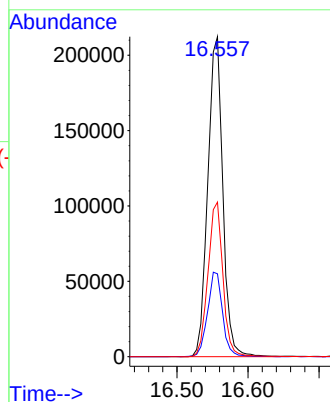
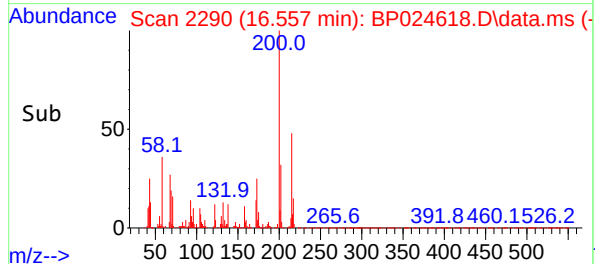
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

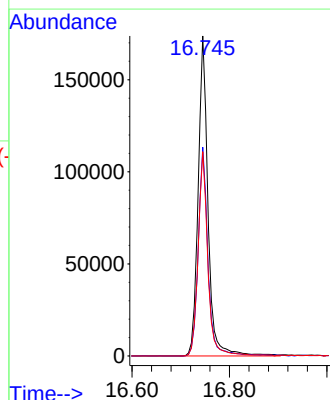
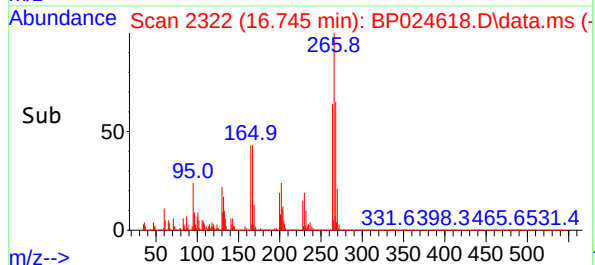
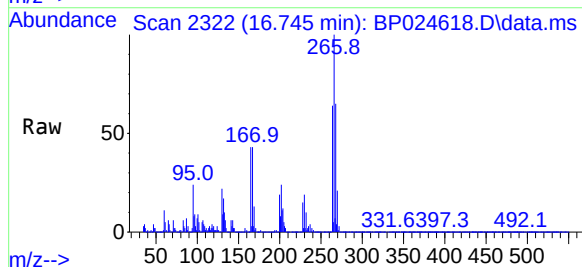
Manual Integrations
APPROVED

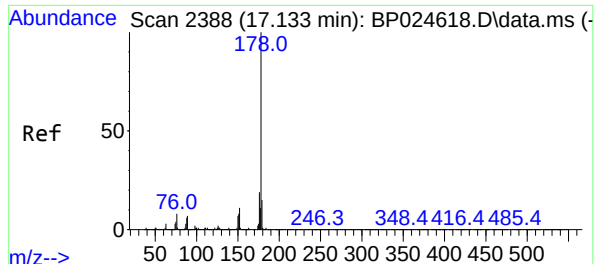
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

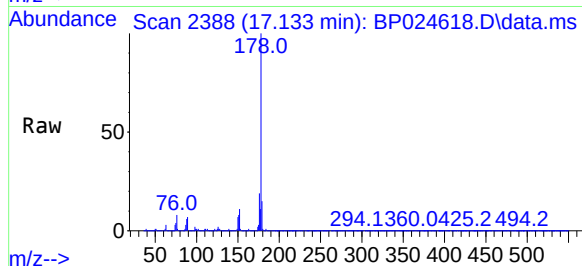
Tgt Ion:266 Resp: 246828
Ion Ratio Lower Upper
266 100
268 65.3 52.2 78.4
264 63.9 51.1 76.7





#71
Phenanthrene
Concen: 37.80 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

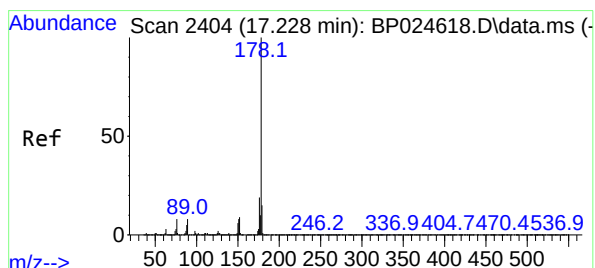
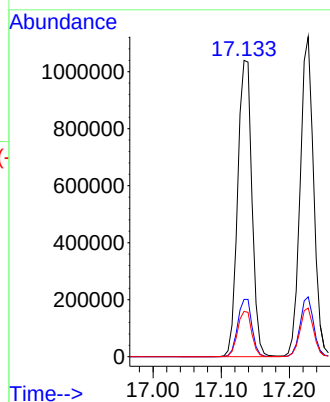
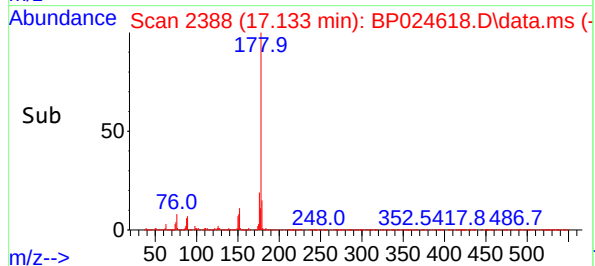
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

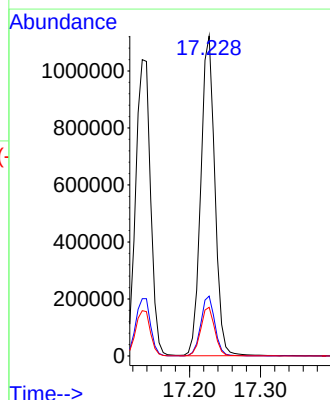
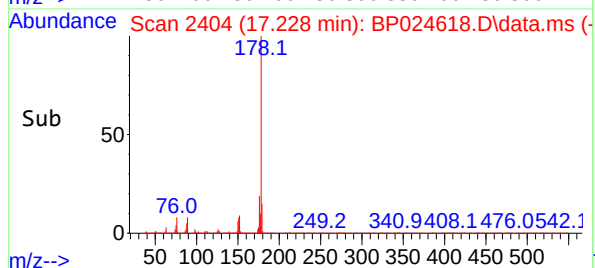
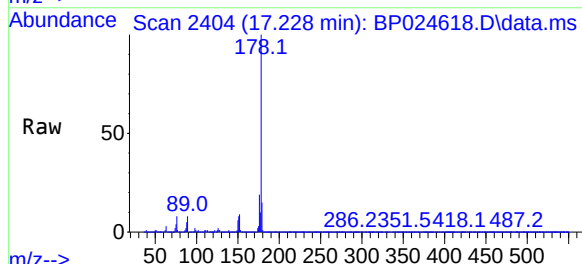
Manual Integrations
APPROVED

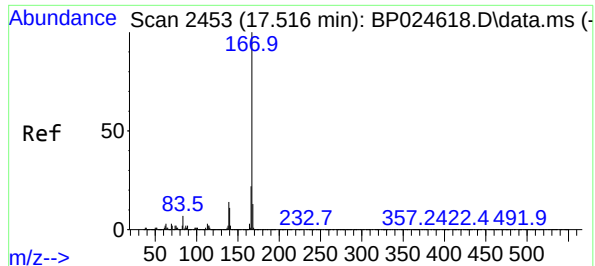
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

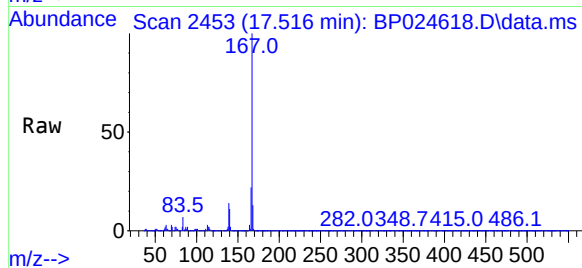
Tgt Ion:178 Resp: 1542275
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.2 18.2





#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

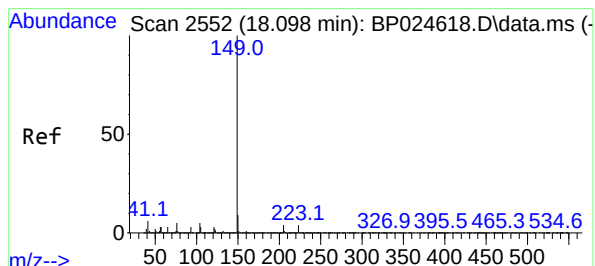
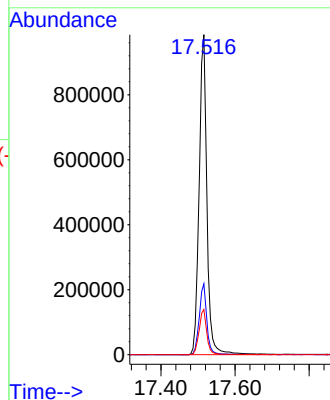
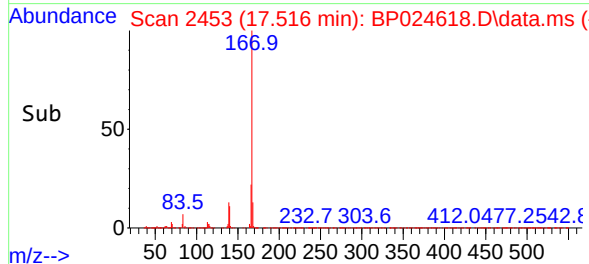
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

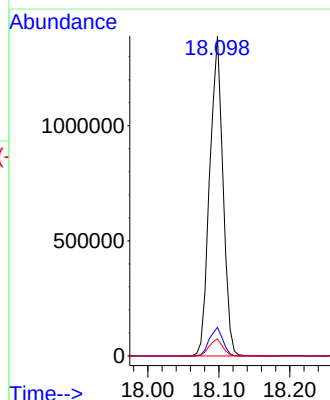
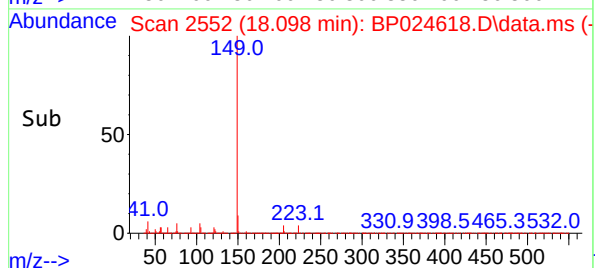
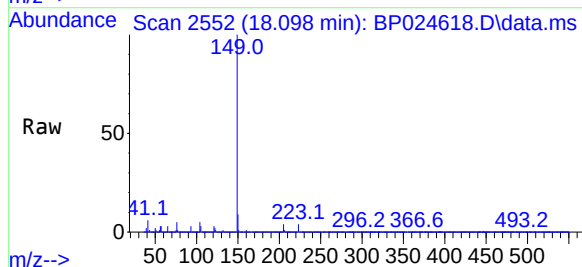
Manual Integrations
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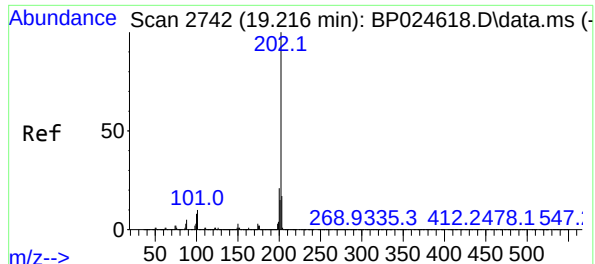
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

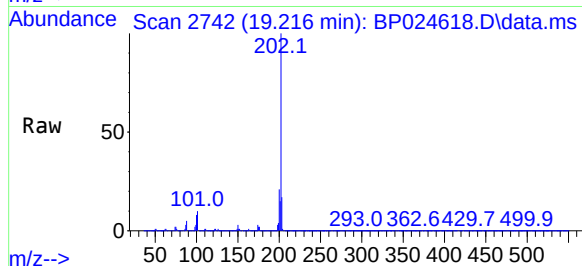
Tgt Ion:149 Resp: 1807097
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 5.4 4.3 6.5





#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

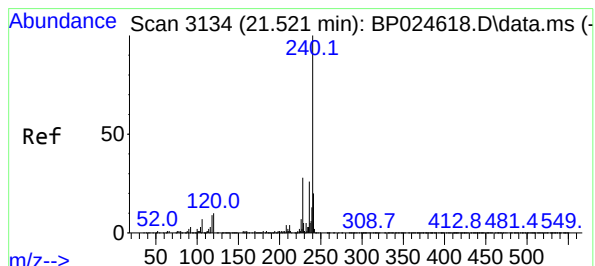
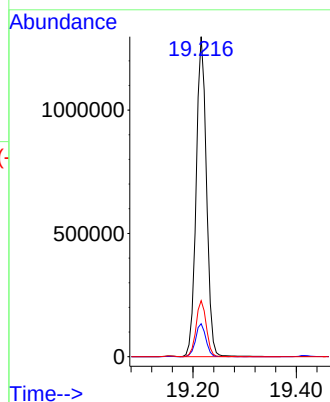
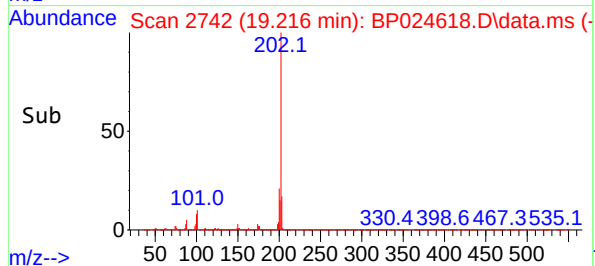
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

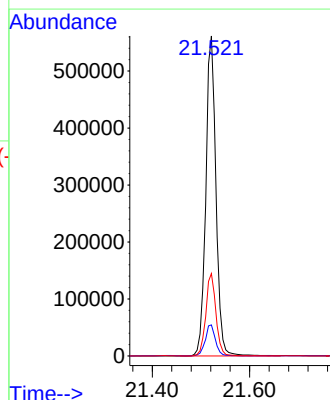
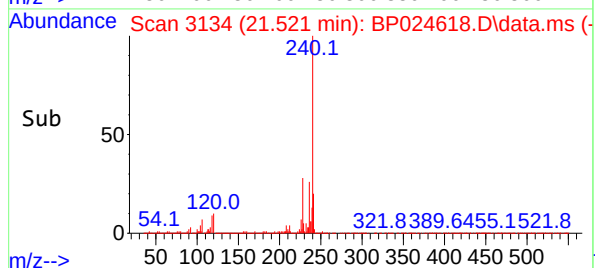
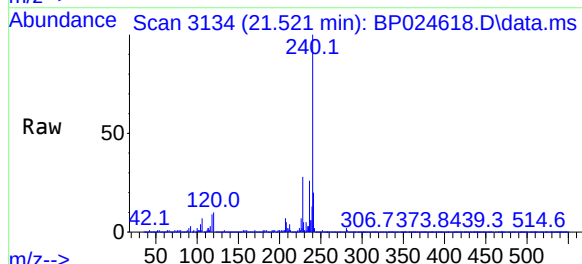
Manual Integrations
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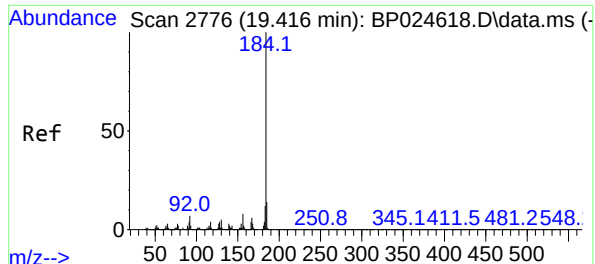
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: 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





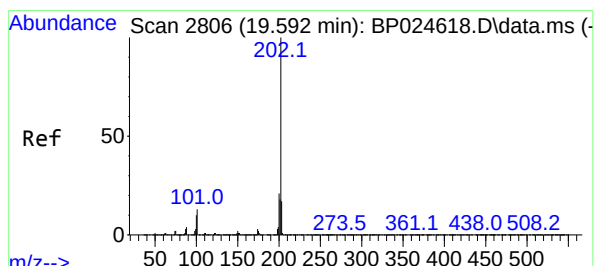
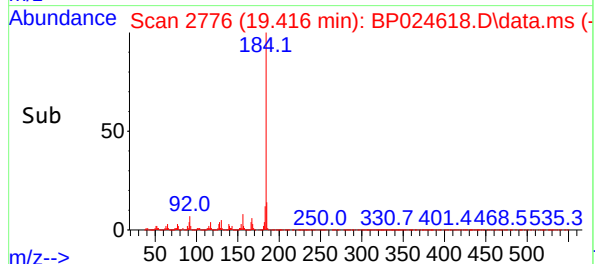
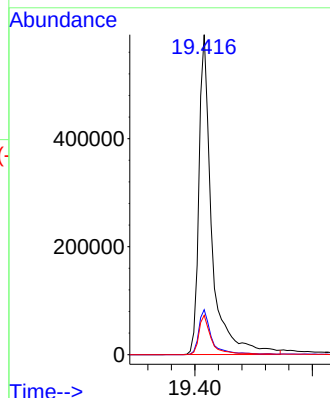
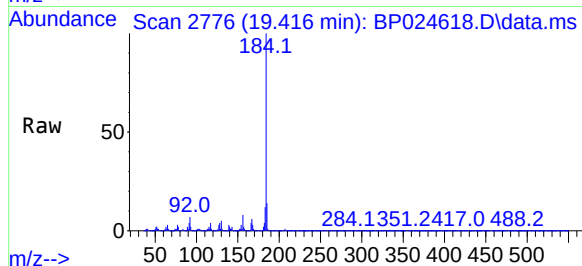
#77
Benzidine
Concen: 40.77 ng
RT: 19.416 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

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

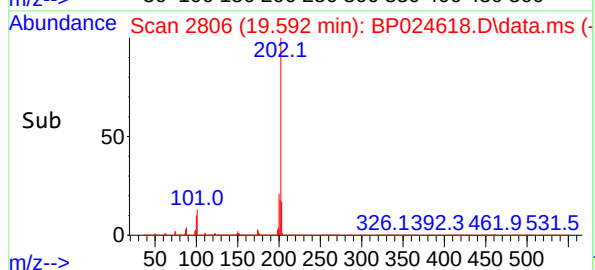
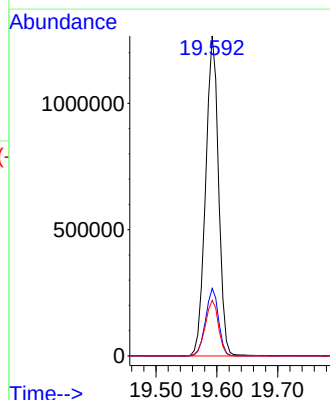
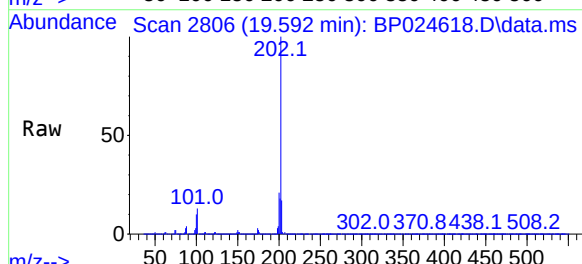
Manual Integrations
APPROVED

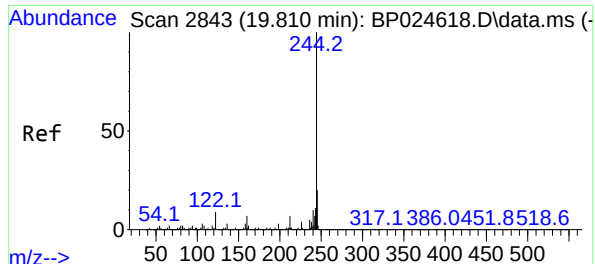
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

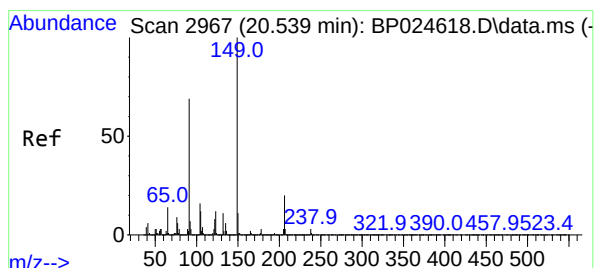
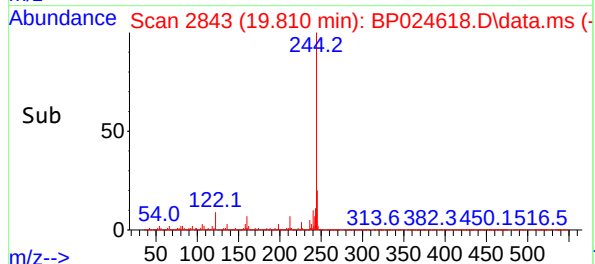
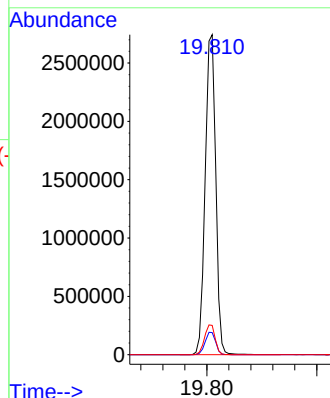
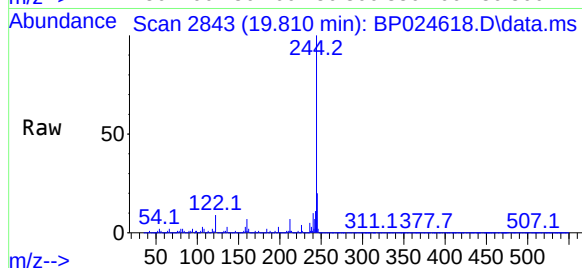
122 9.2 7.4 11.0

Manual Integrations

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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

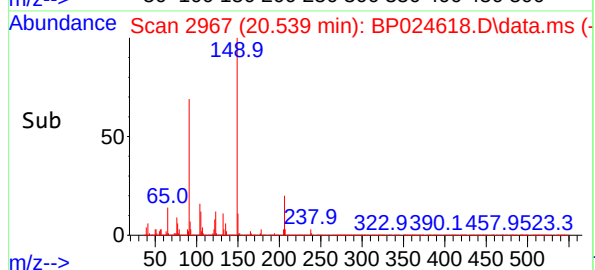
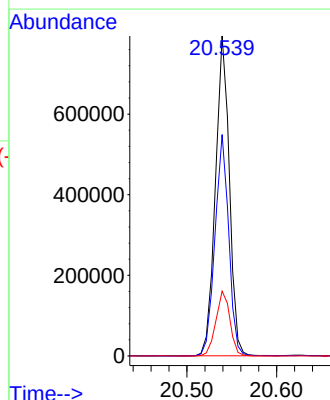
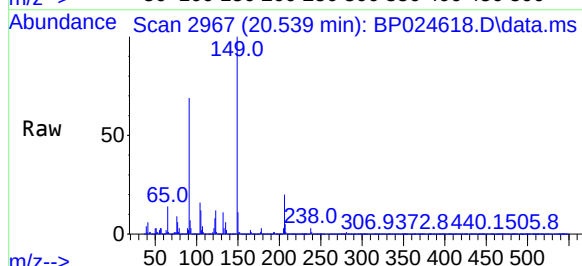
Tgt Ion:149 Resp: 854913

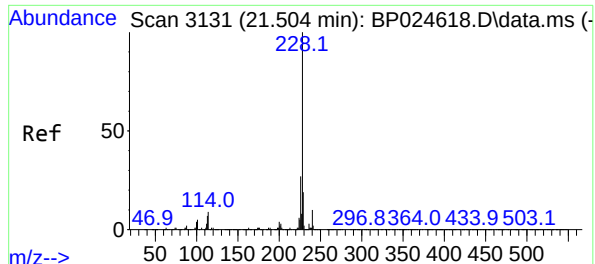
Ion Ratio Lower Upper

149 100

91 69.2 55.4 83.0

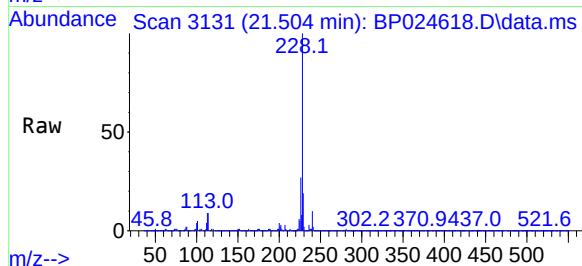
206 20.2 16.2 24.2





#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

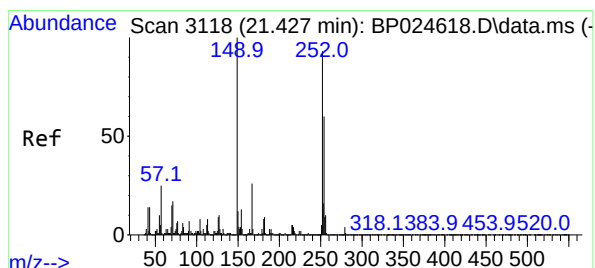
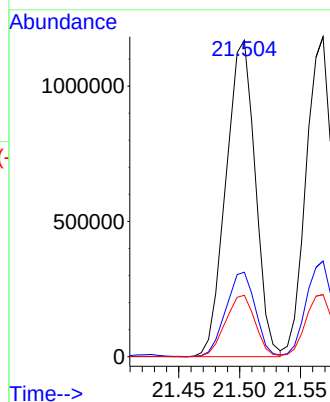
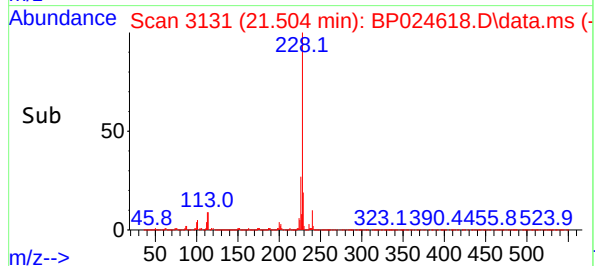
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

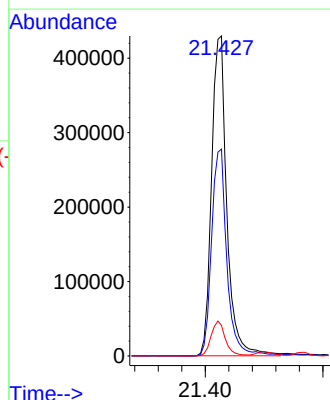
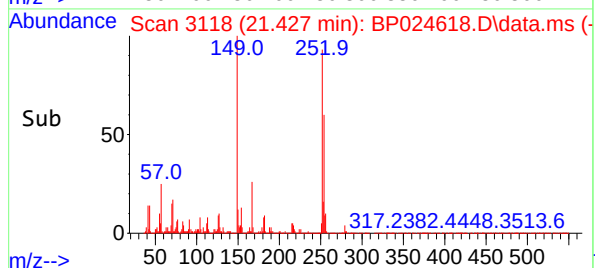
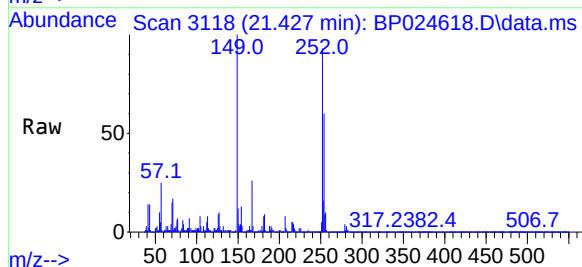
Manual Integrations
APPROVED

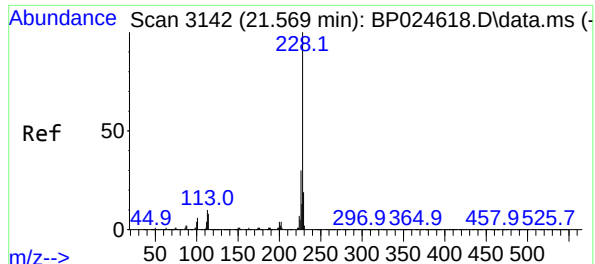
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

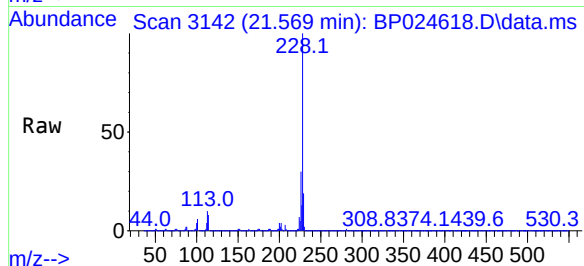
Tgt Ion:252 Resp: 773866
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 9.6 7.7 11.5





#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

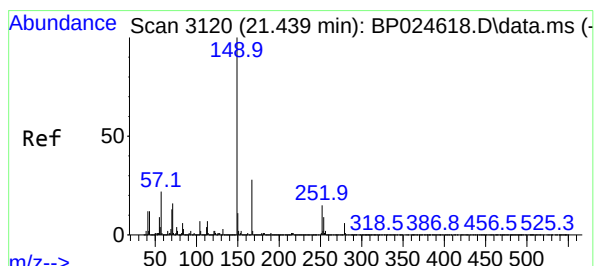
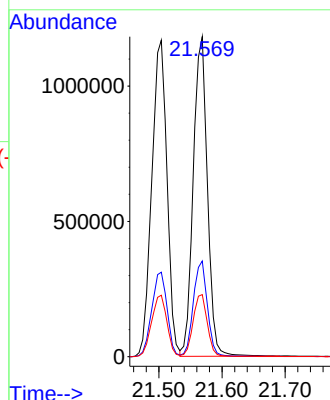
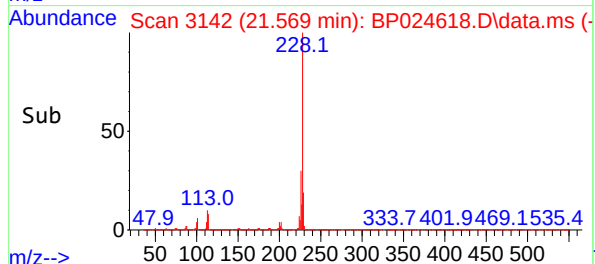
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

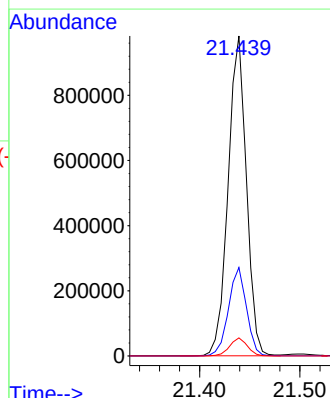
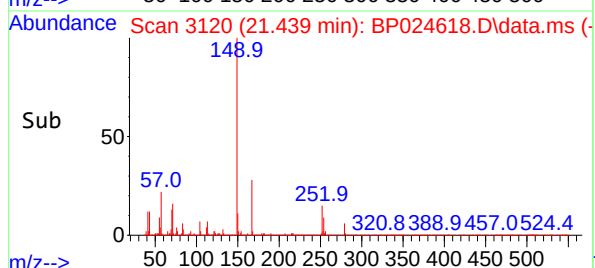
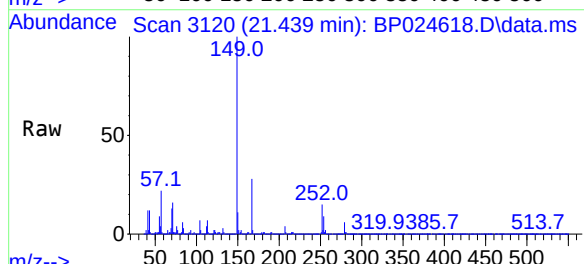
Manual Integrations
APPROVED

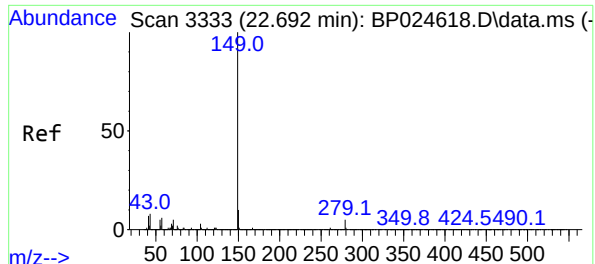
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

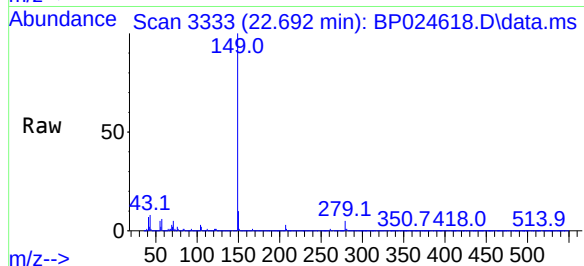
Tgt Ion:149 Resp: 1240956
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.7 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 39.97 ng
RT: 22.692 min Scan# 311
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

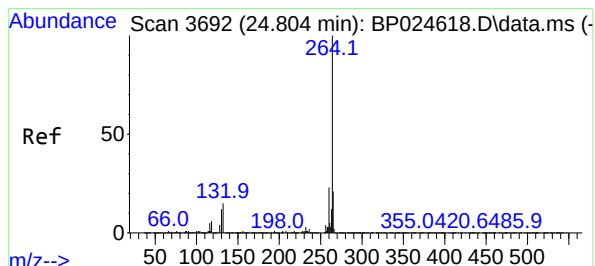
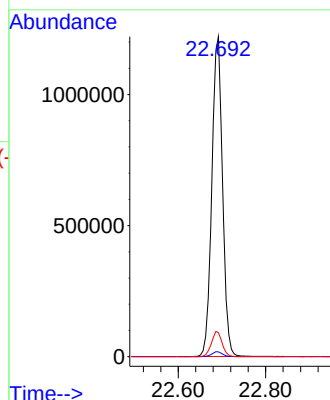
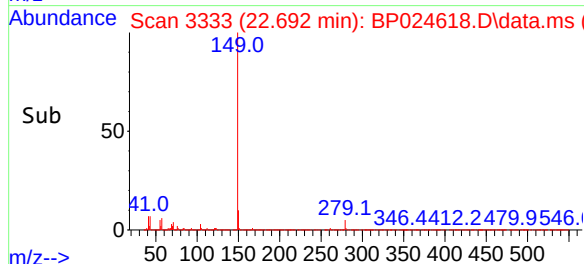
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

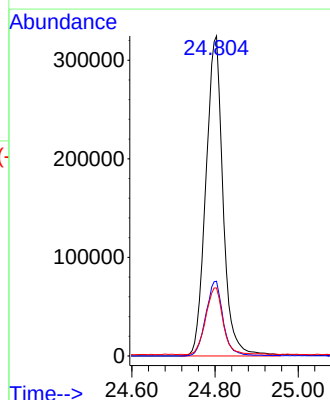
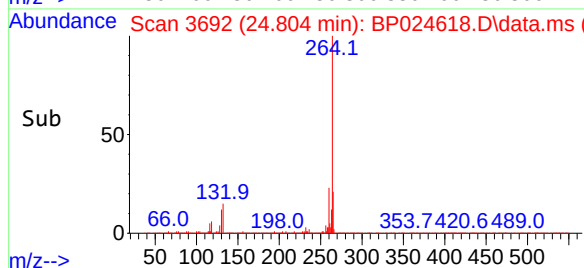
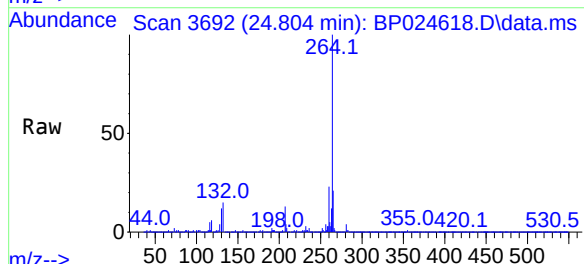
Manual Integrations
APPROVED

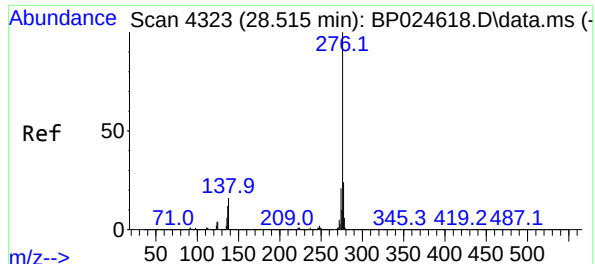
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

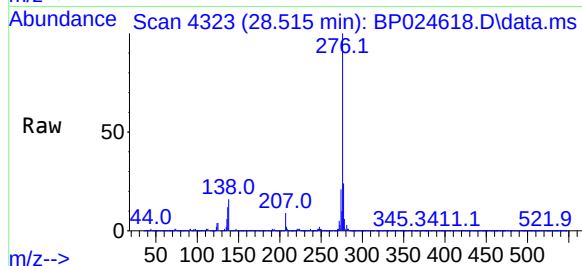
Tgt Ion:264 Resp: 929890
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.3 17.0 25.6





#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

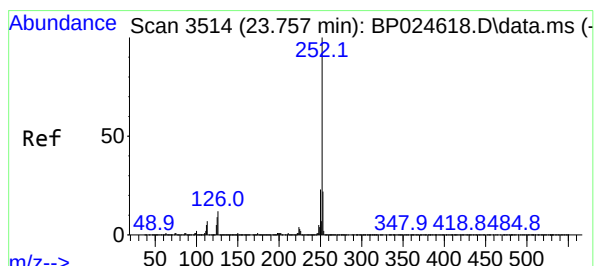
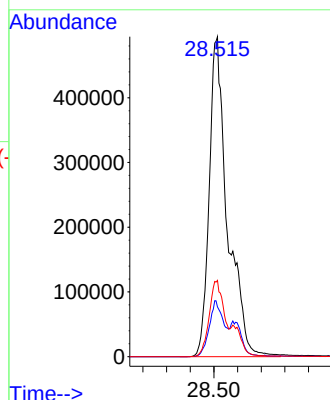
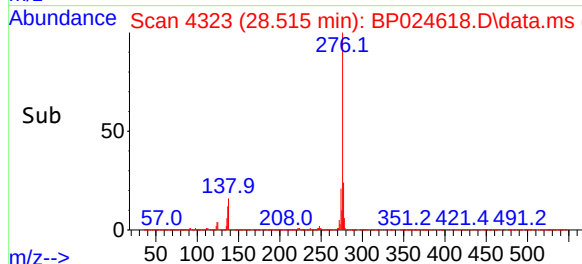
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

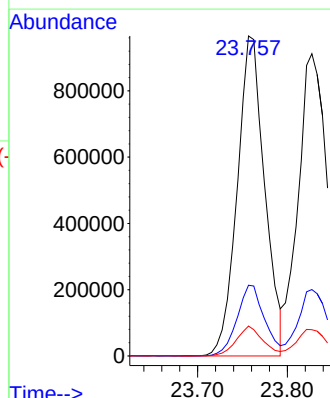
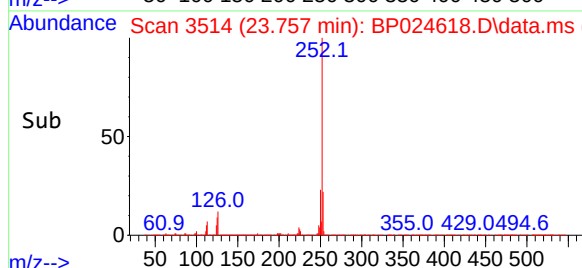
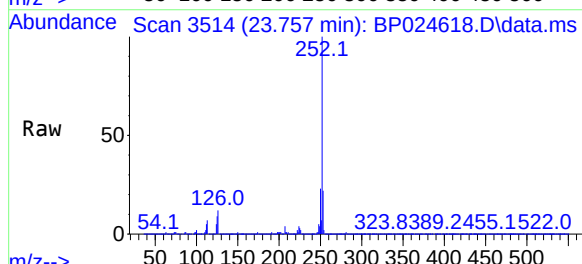
Manual Integrations
APPROVED

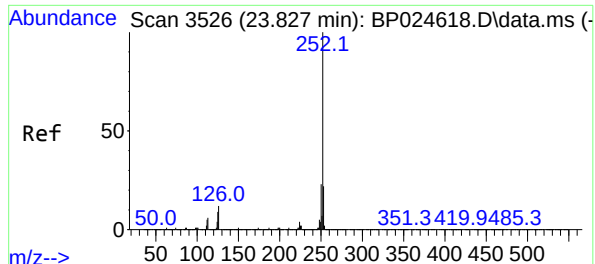
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

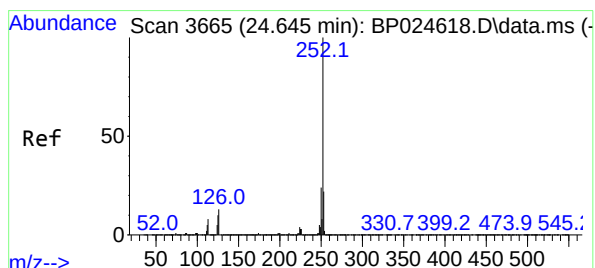
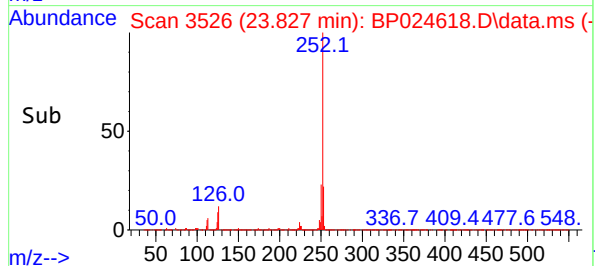
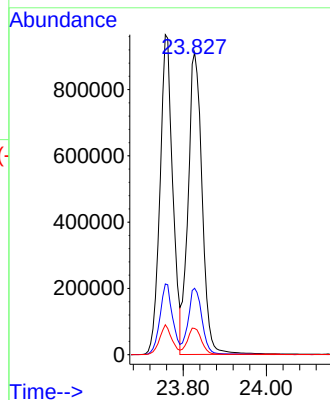
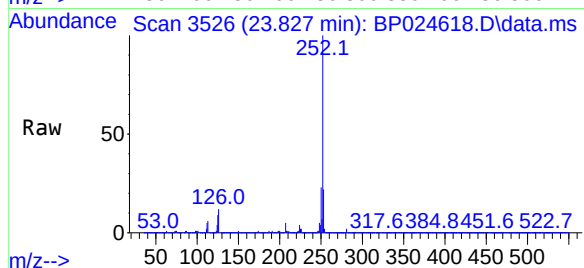
125 8.7 7.0 10.4

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

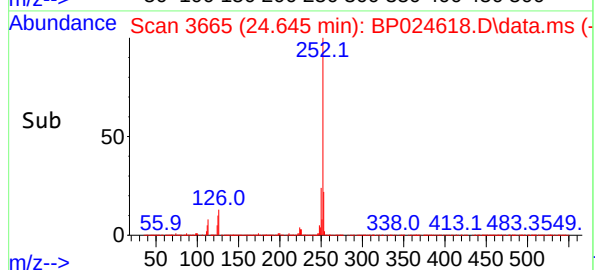
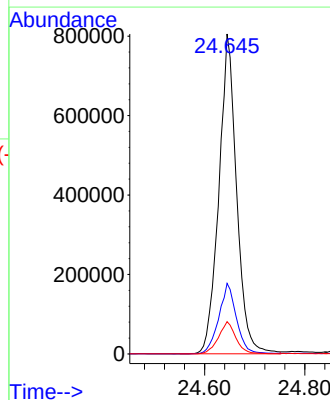
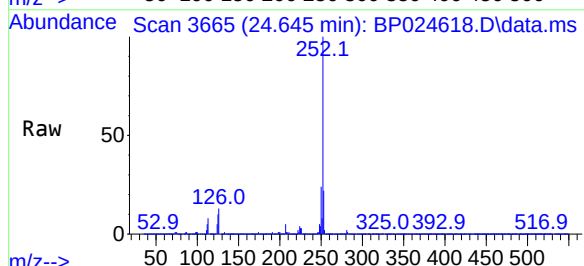
Tgt Ion:252 Resp: 1979017

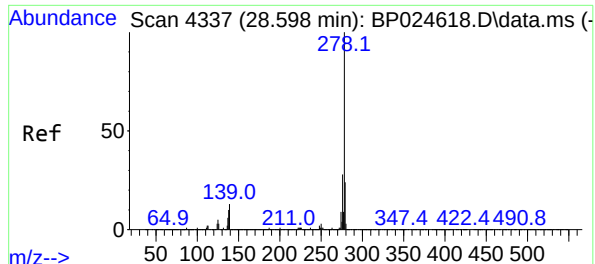
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

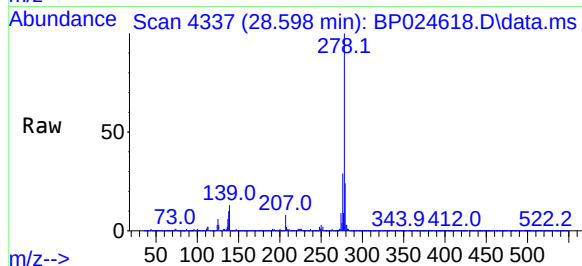
125 10.1 8.1 12.1





#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

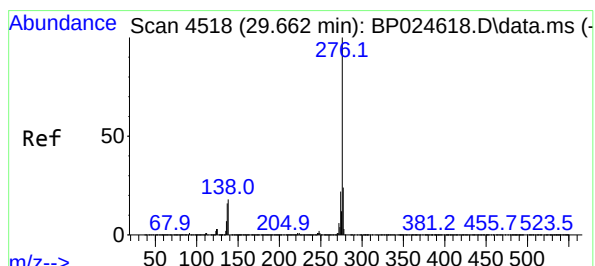
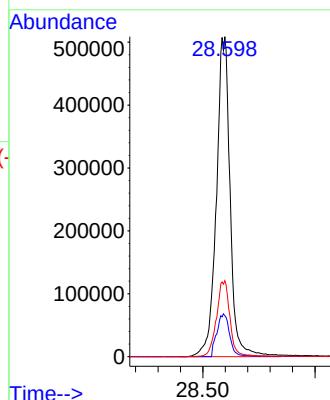
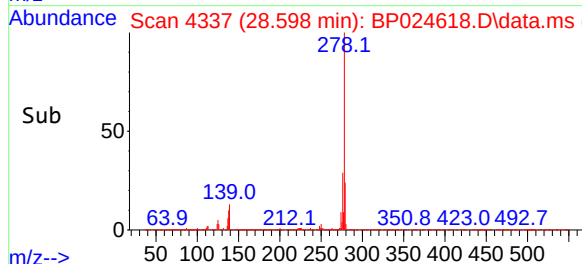
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



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

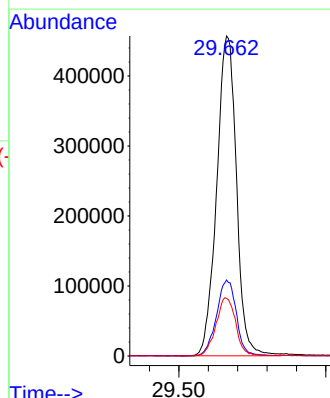
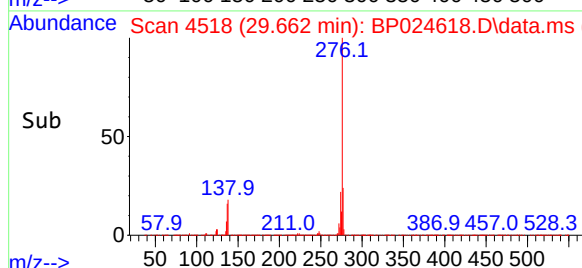
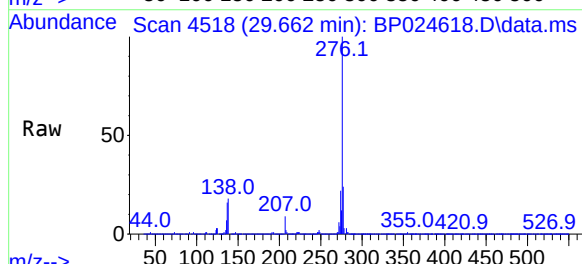
Manual Integrations
APPROVED

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

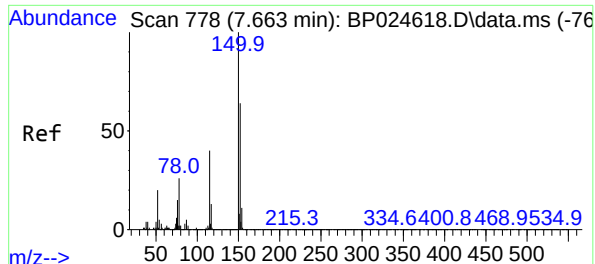
Quant Time: May 13 16:07:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

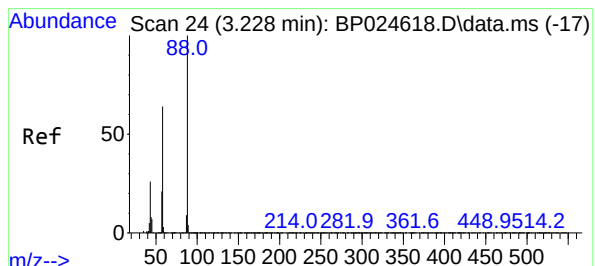
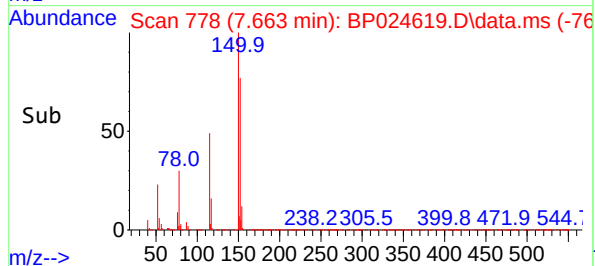
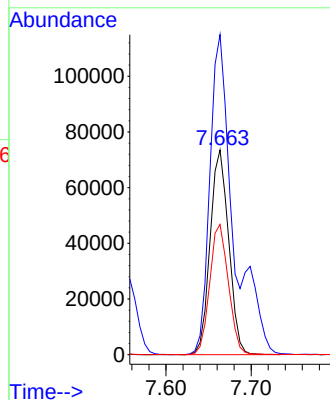
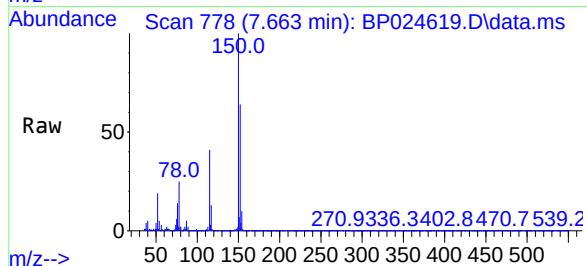
[illegible]



#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

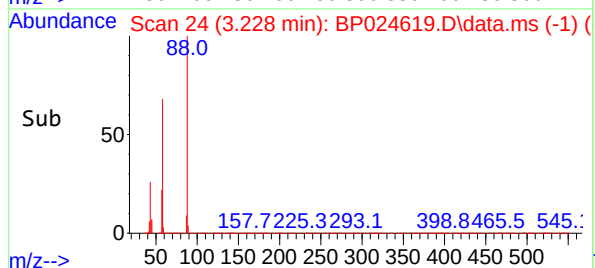
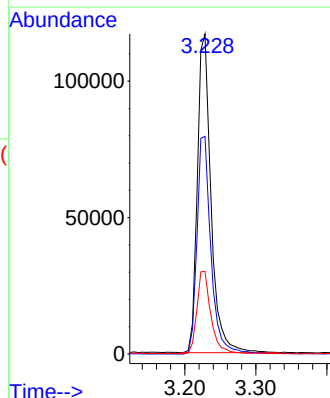
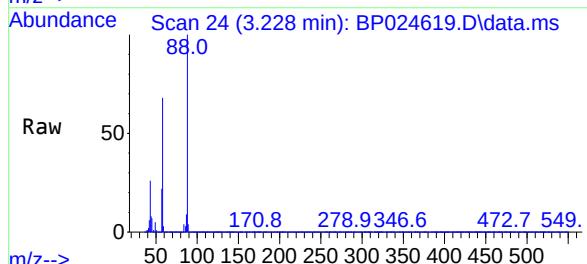
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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

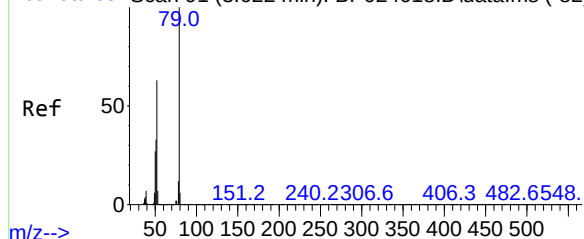


#2
1,4-Dioxane
Concen: 51.20 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

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 :

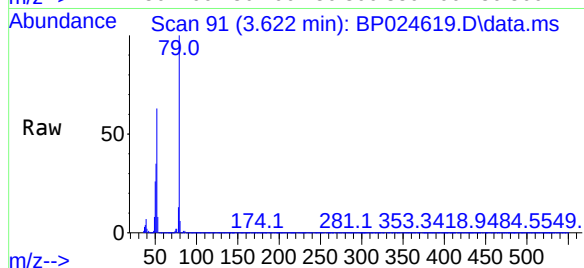
BNA_P

ClientSampleId :

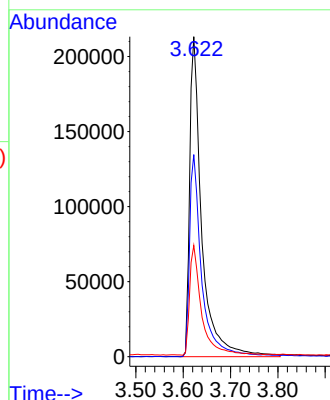
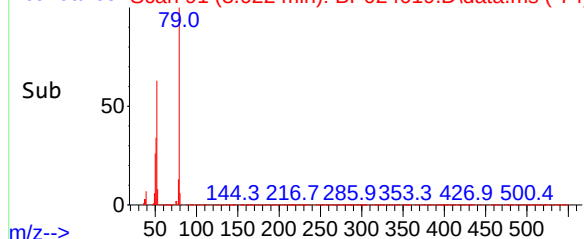
SSTDICC050

Tgt Ion: 79 Resp: 379522

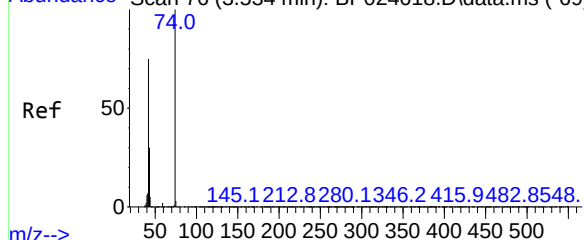
Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.2
51	34.8	26.8	40.2



Abundance Scan 91 (3.622 min): BP024619.D\data.ms (-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

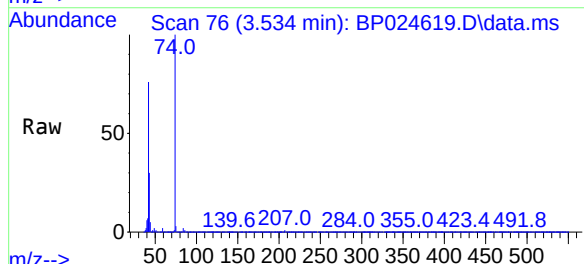
Delta R.T. 0.000 min

Lab File: BP024619.D

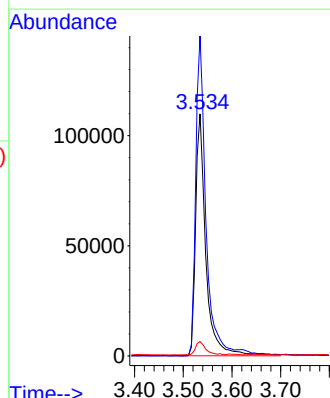
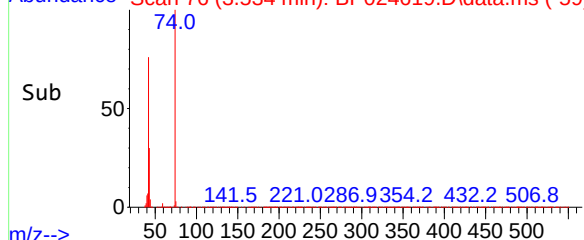
Acq: 13 May 2025 14:05

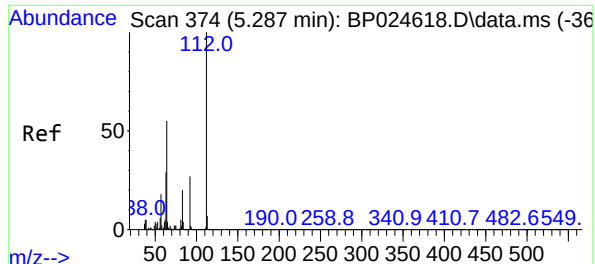
Tgt Ion: 42 Resp: 161654

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 (-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

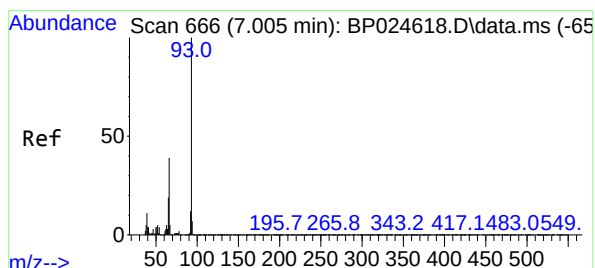
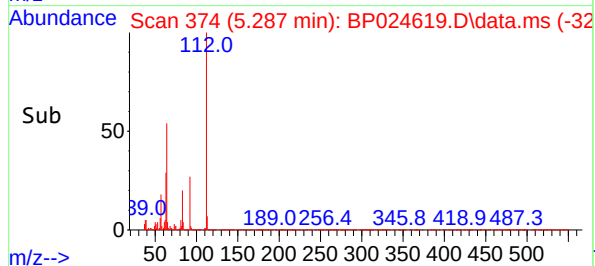
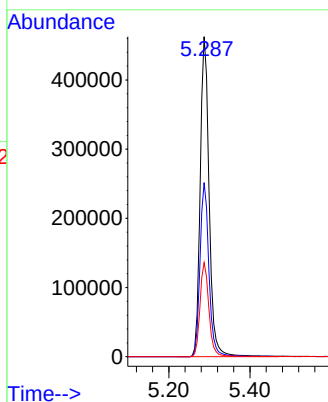
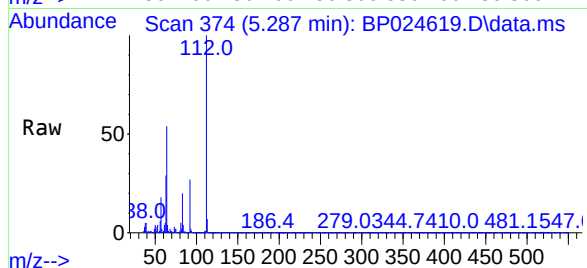
Tgt Ion:112 Resp: 708626

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

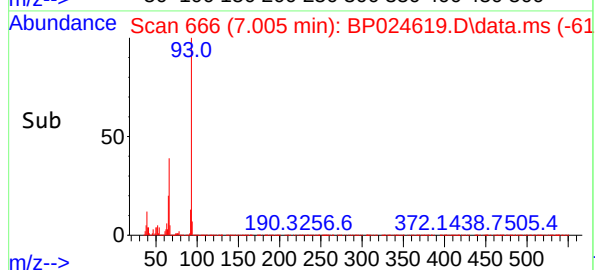
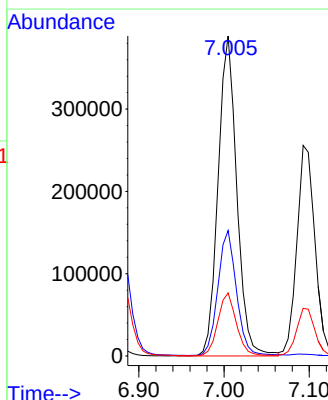
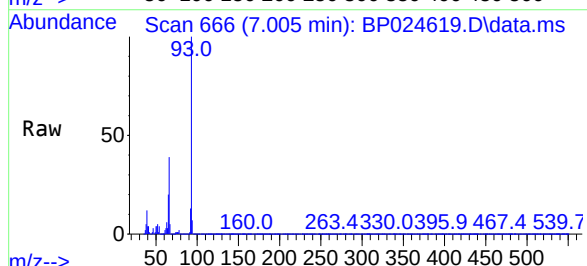
Tgt Ion: 93 Resp: 593141

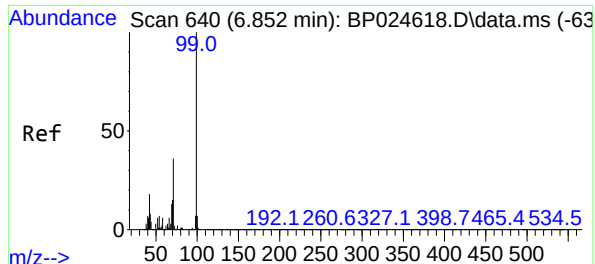
Ion Ratio Lower Upper

93 100

66 39.2 31.0 46.6

65 19.7 15.5 23.3

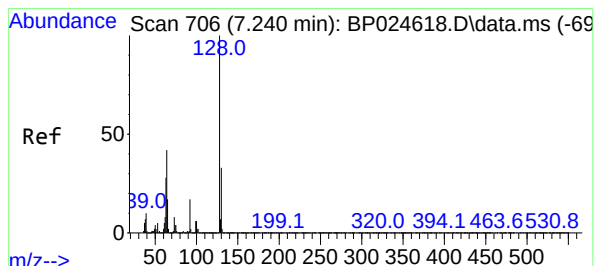
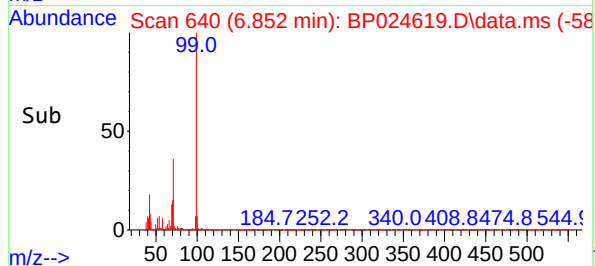
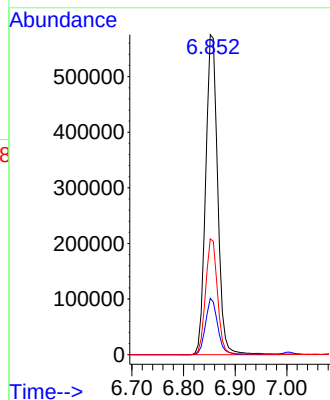
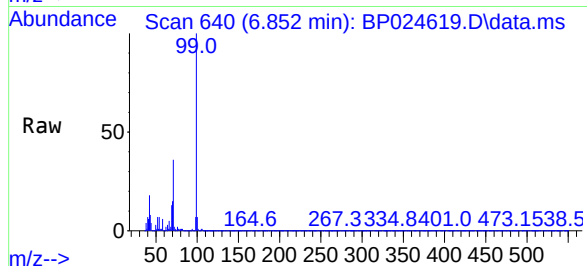




#7
Phenol-d6
Concen: 111.94 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

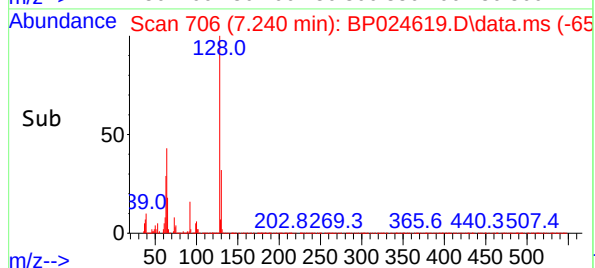
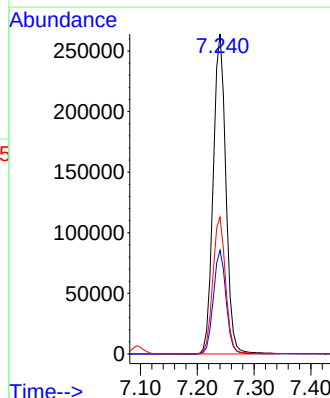
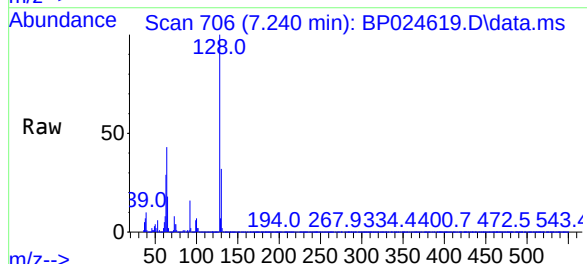
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

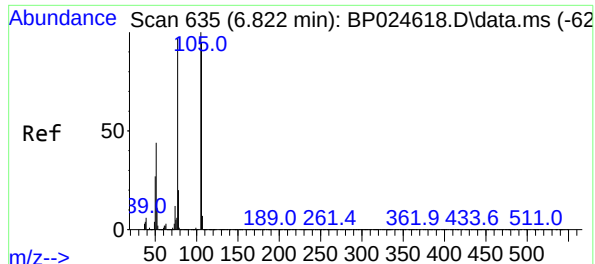
Tgt Ion: 99 Resp: 930484
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.2 29.2 43.8



#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

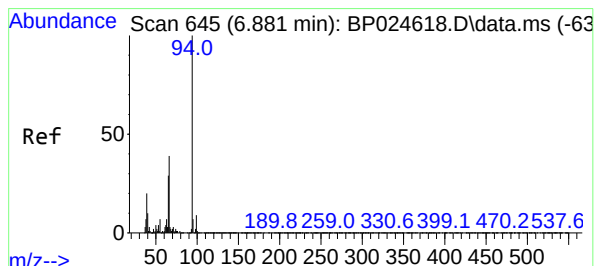
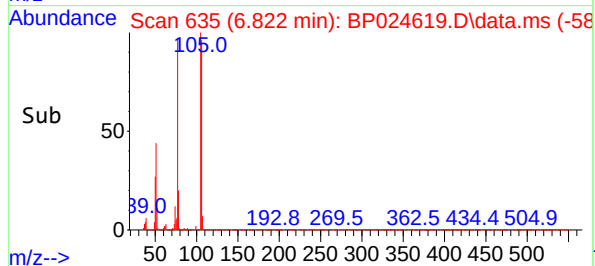
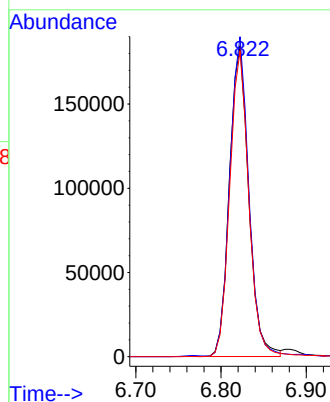
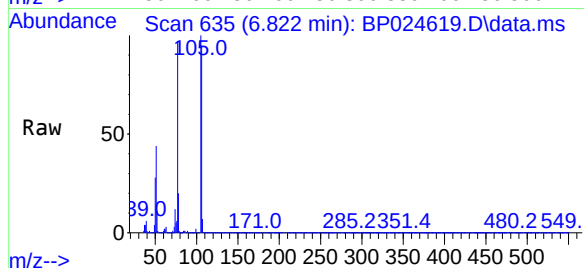
Tgt Ion: 77 Resp: 290405

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

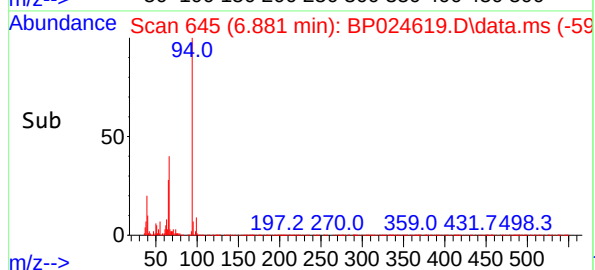
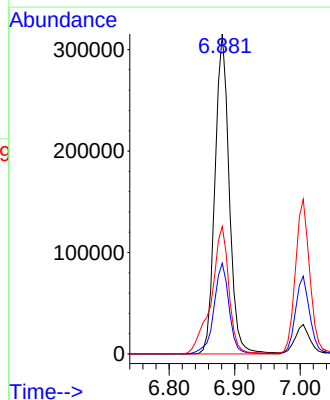
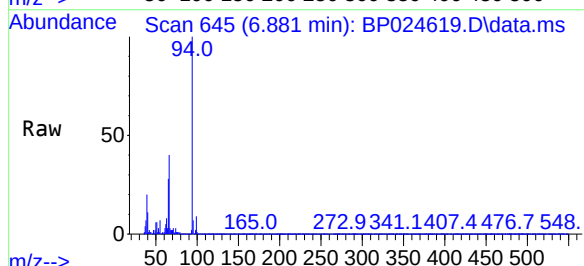
Tgt Ion: 94 Resp: 475413

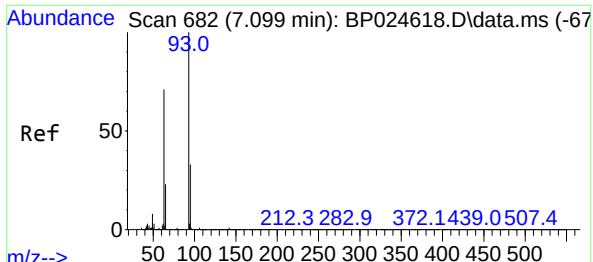
Ion Ratio Lower Upper

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 :

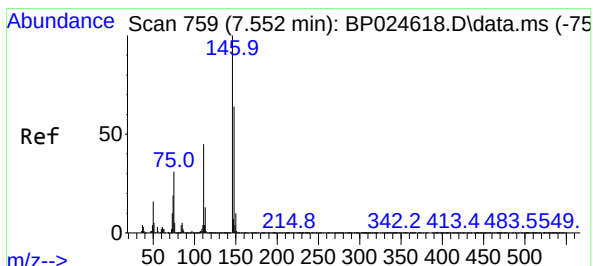
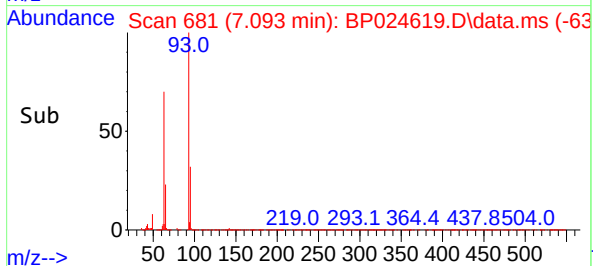
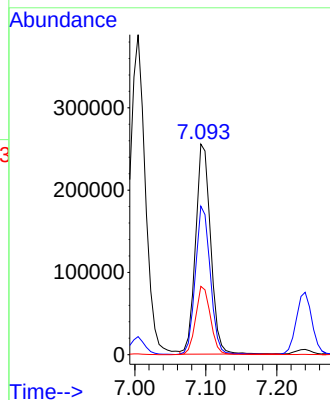
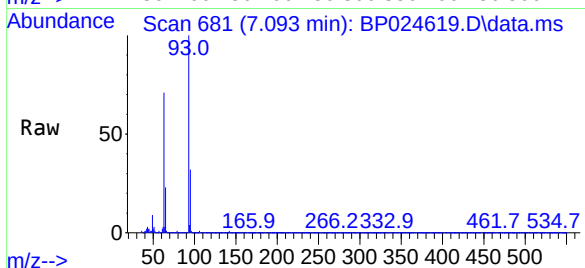
BNA_P

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

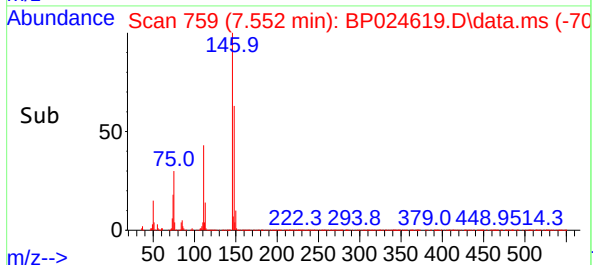
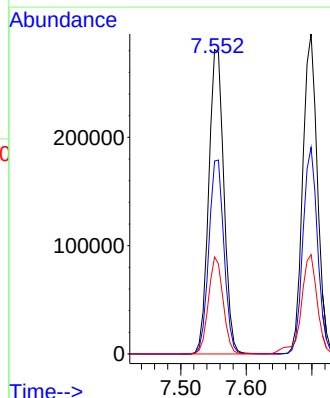
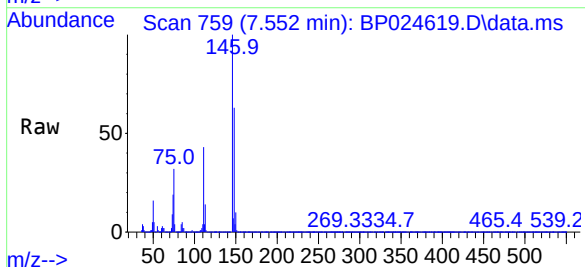
Delta R.T. 0.000 min

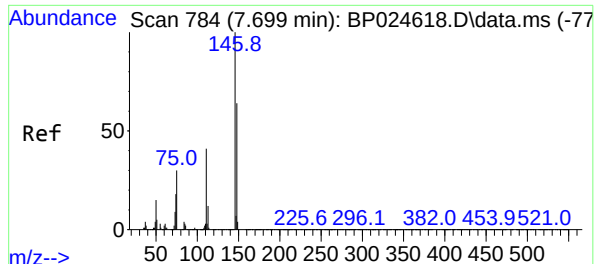
Lab File: BP024619.D

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

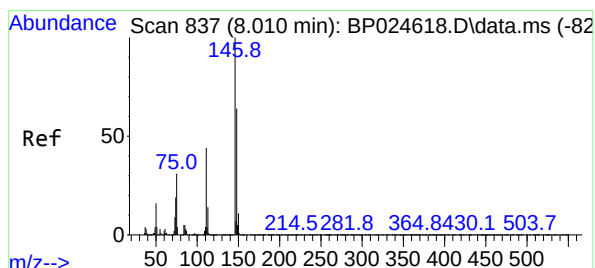
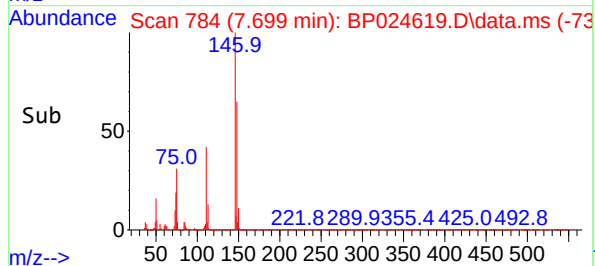
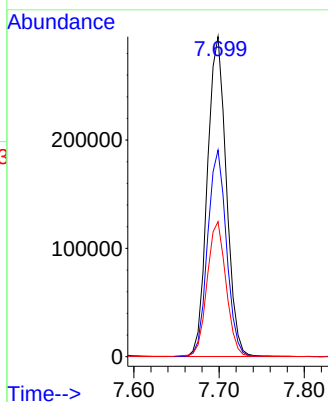
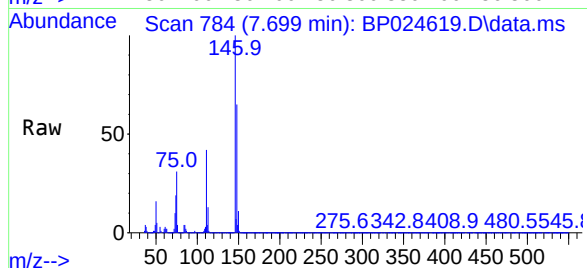
Tgt Ion:146 Resp: 455796

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

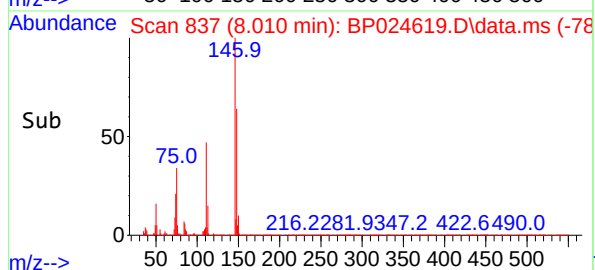
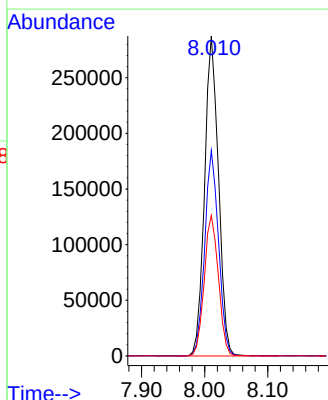
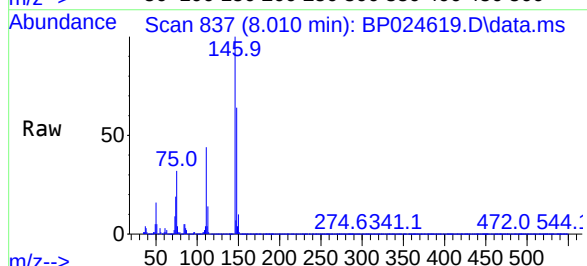
Tgt Ion:146 Resp: 439707

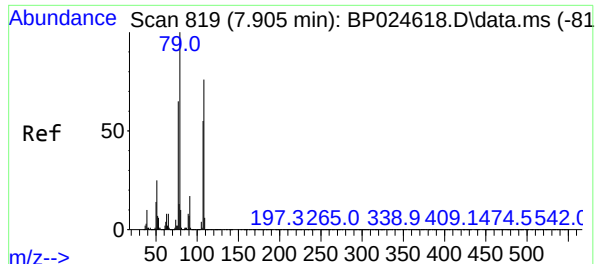
Ion Ratio Lower Upper

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

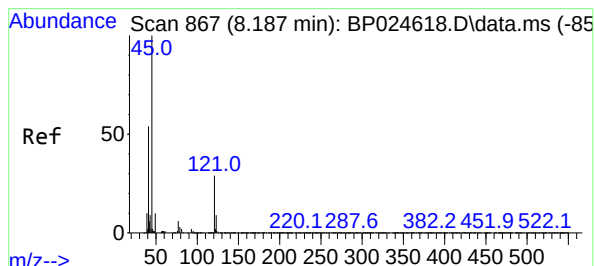
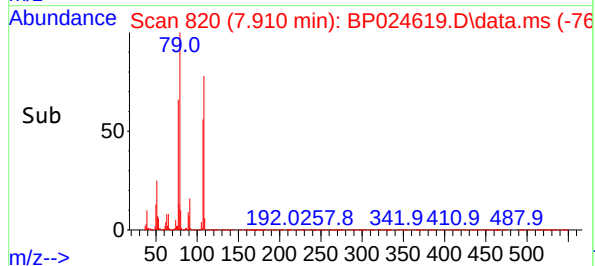
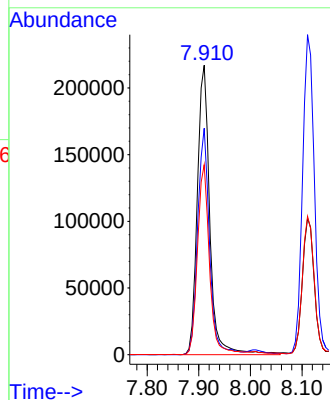
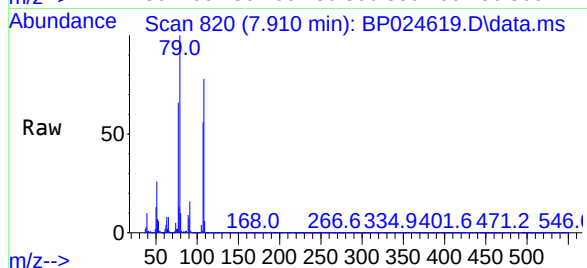
Tgt Ion: 79 Resp: 363689

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

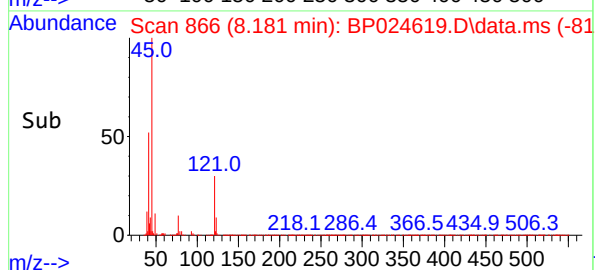
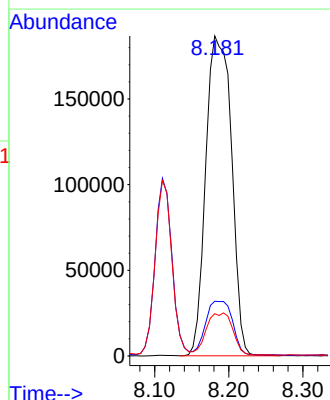
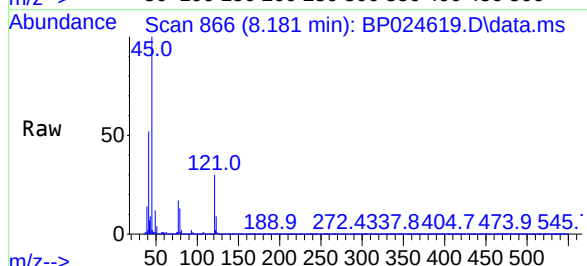
Tgt Ion: 45 Resp: 450215

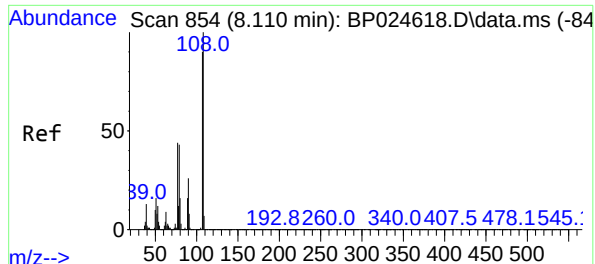
Ion Ratio Lower Upper

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

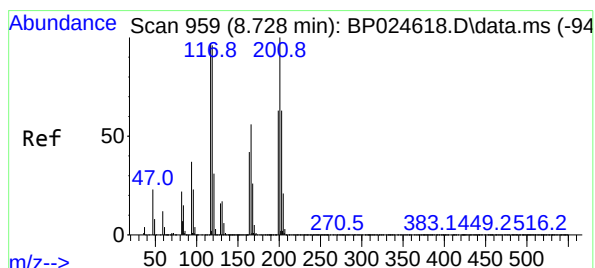
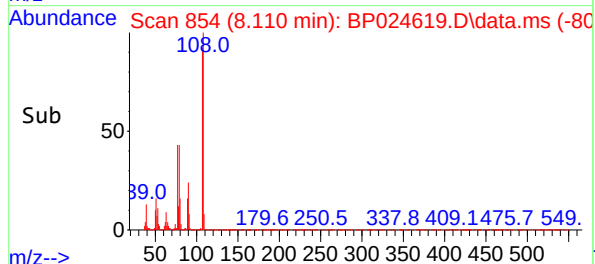
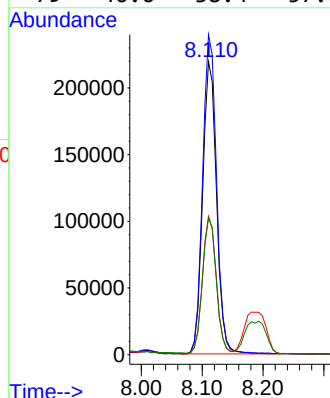
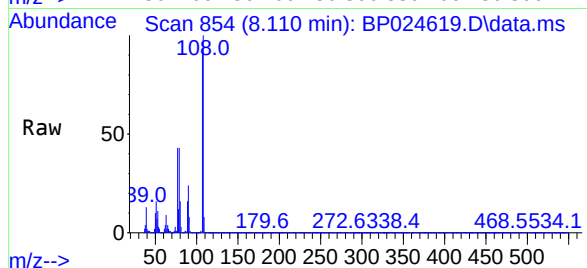
Ion Ratio Lower Upper

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

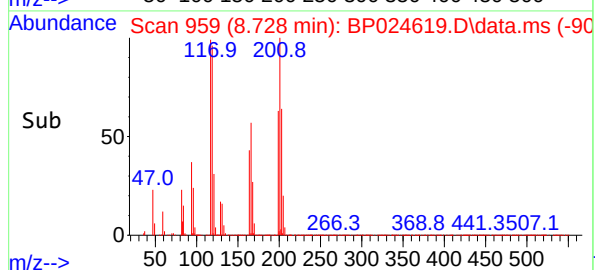
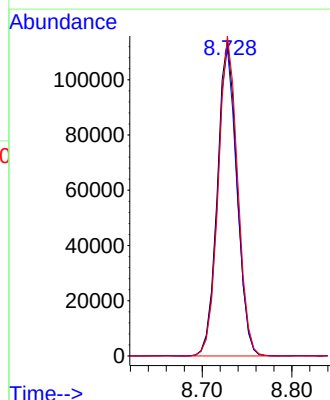
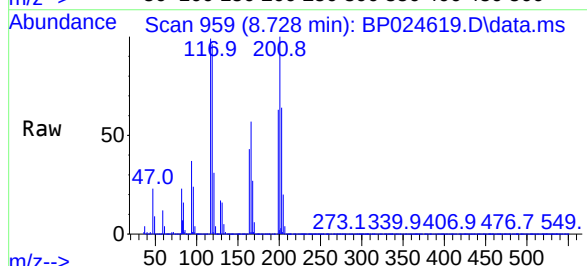
Tgt Ion:117 Resp: 173580

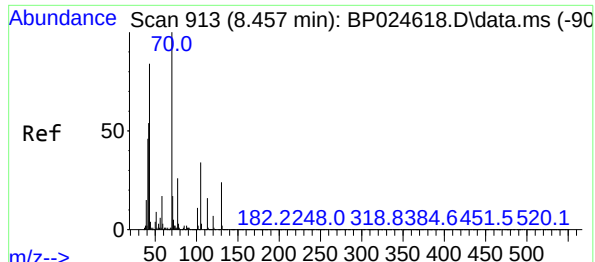
Ion Ratio Lower Upper

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

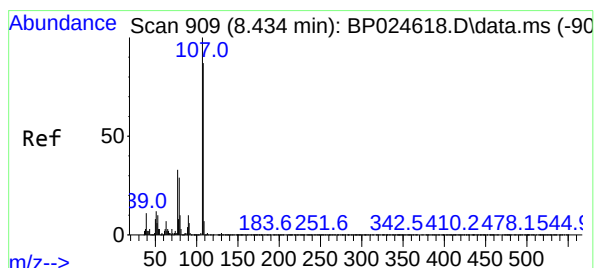
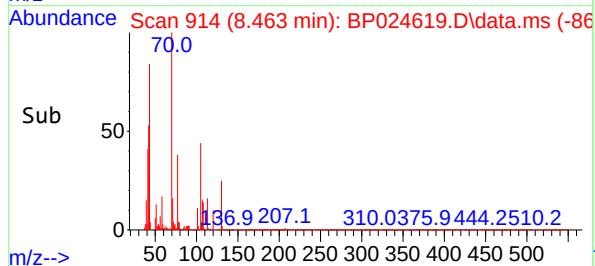
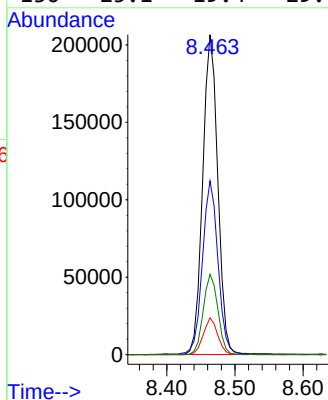
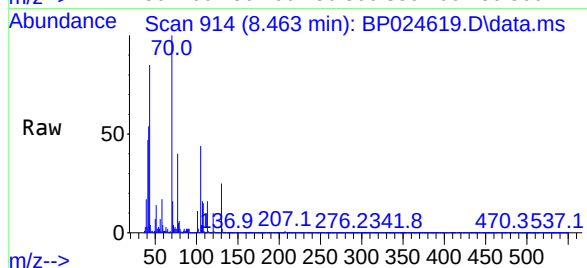
Ion Ratio Lower Upper

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

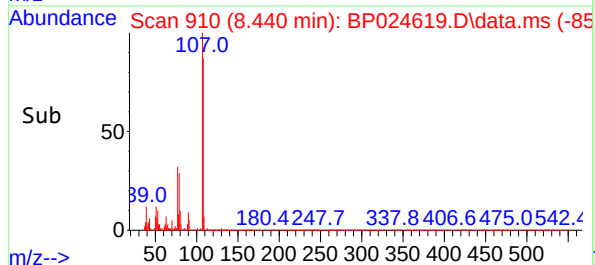
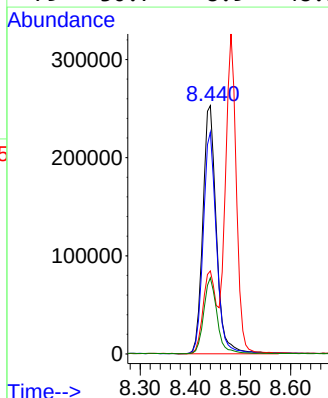
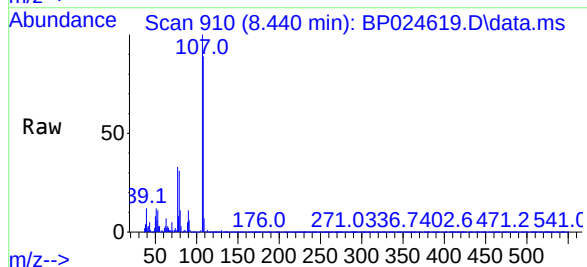
Ion Ratio Lower Upper

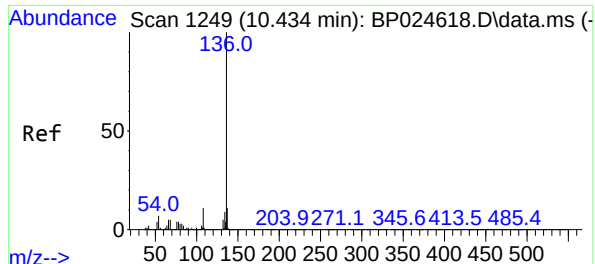
107 100

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

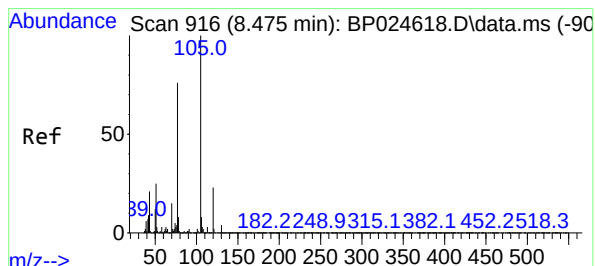
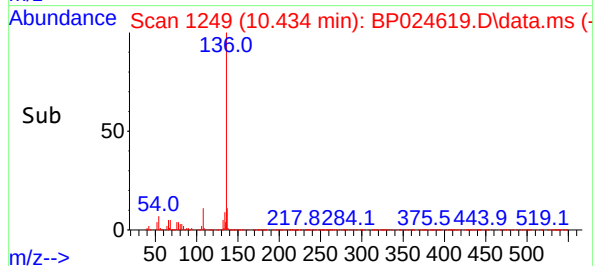
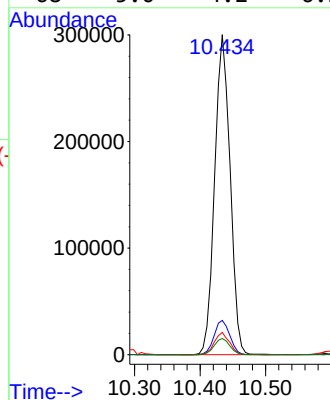
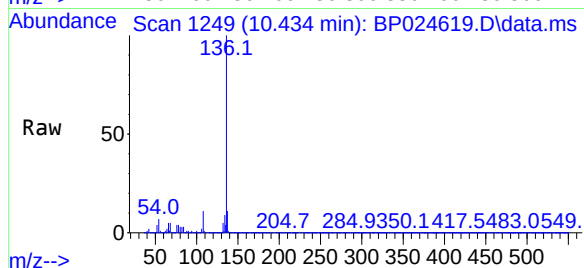
Ion Ratio Lower Upper

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

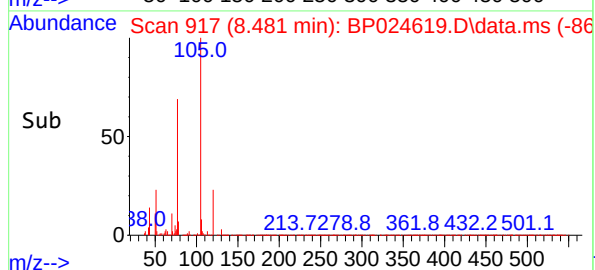
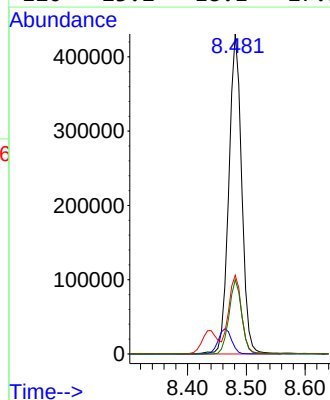
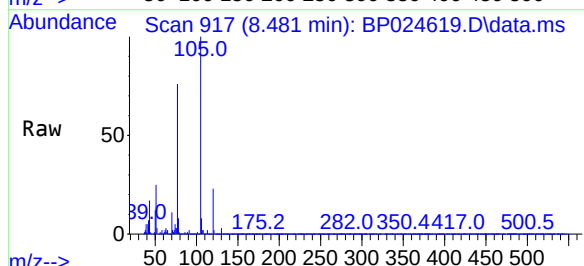
Ion Ratio Lower Upper

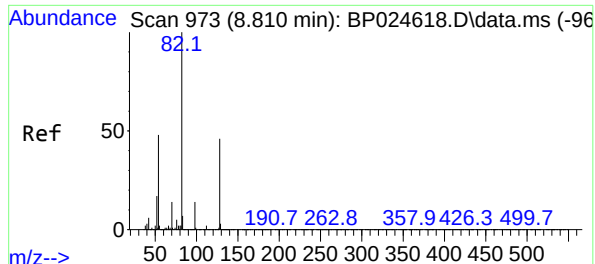
105 100

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 :

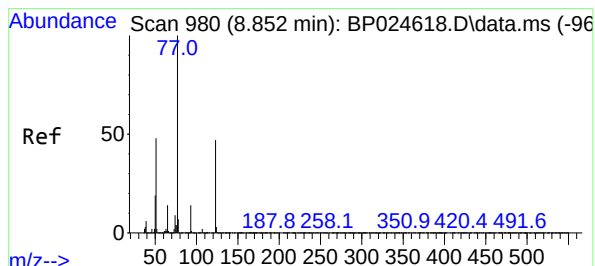
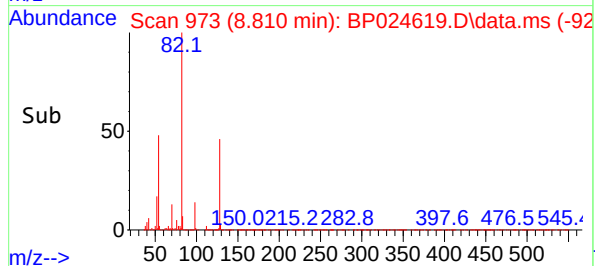
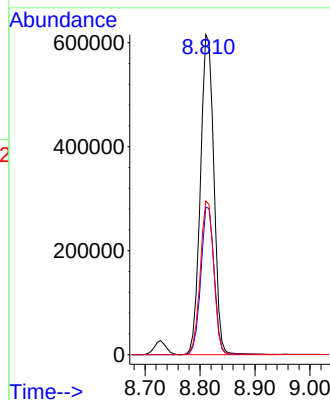
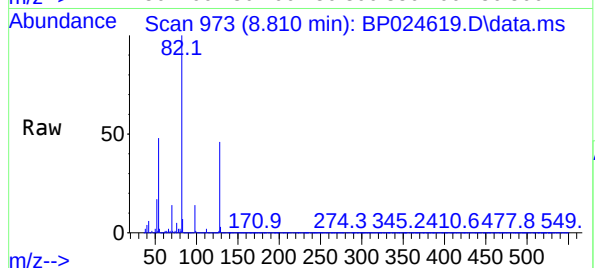
BNA_P

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

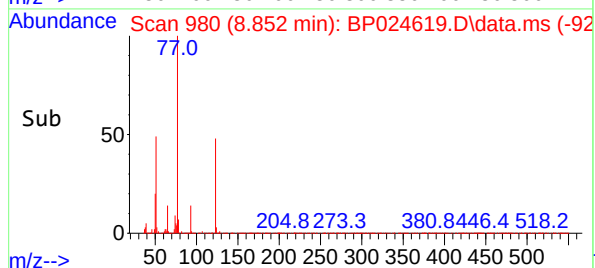
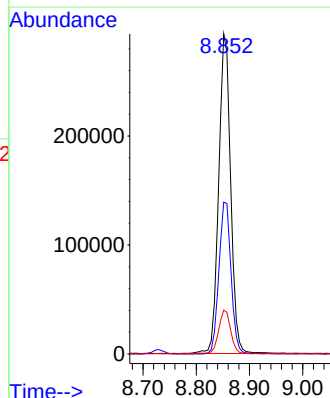
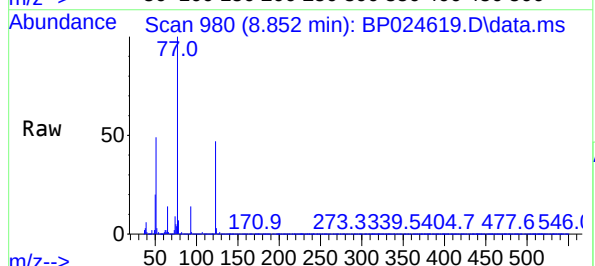
Delta R.T. 0.000 min

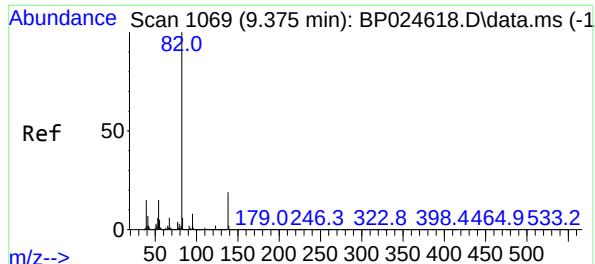
Lab File: BP024619.D

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

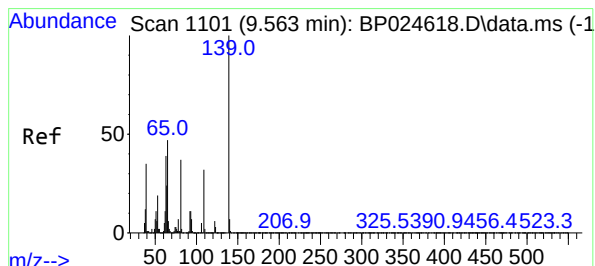
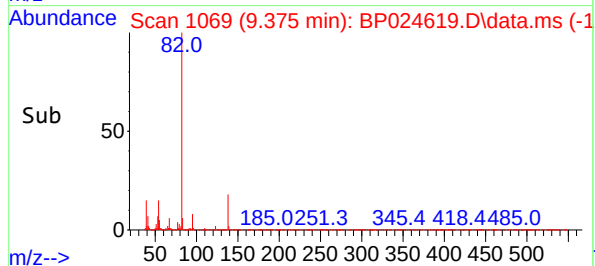
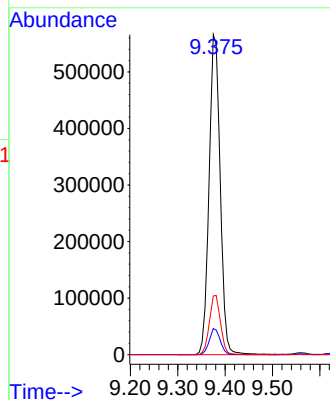
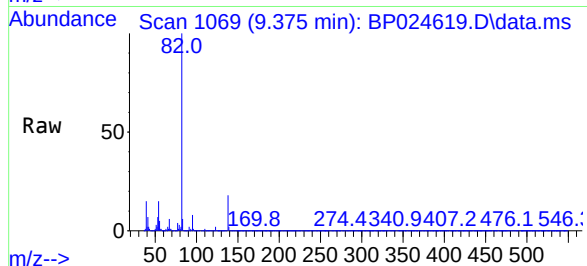




#25
Isophorone
Concen: 54.82 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

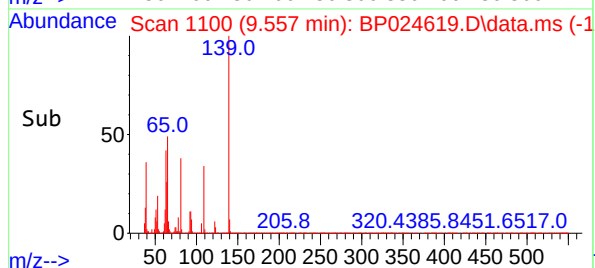
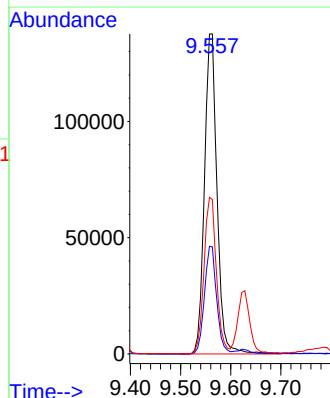
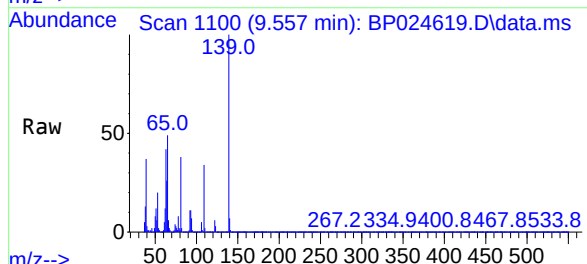
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

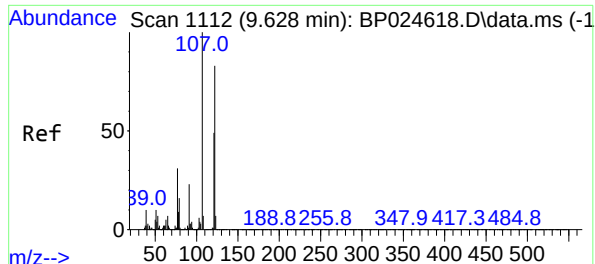
Tgt Ion: 82 Resp: 921892
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 18.3 15.3 22.9



#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

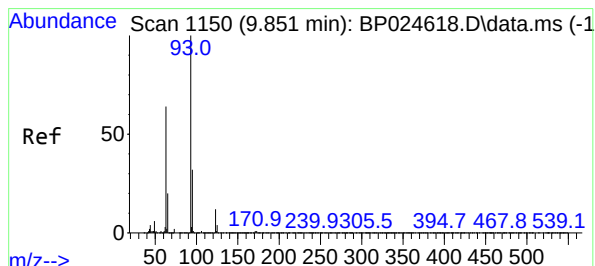
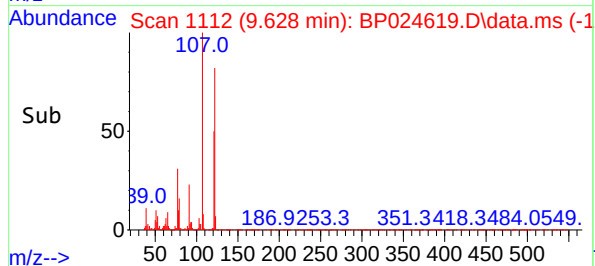
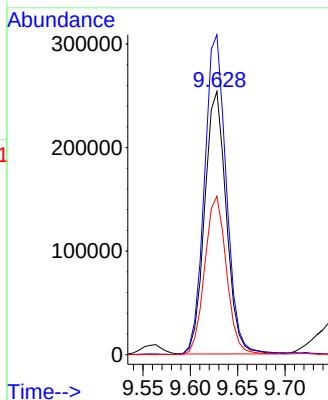
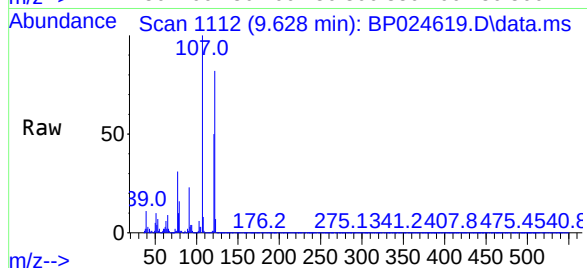
Tgt Ion:122 Resp: 402585

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

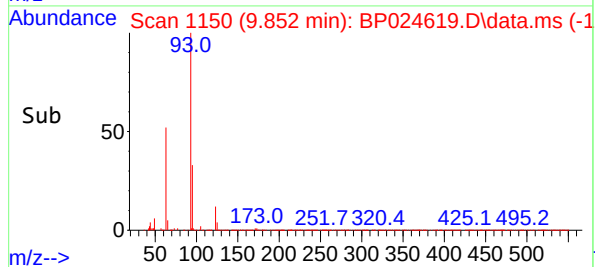
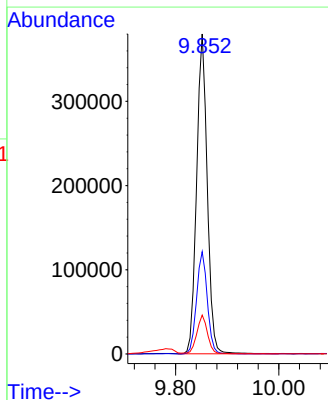
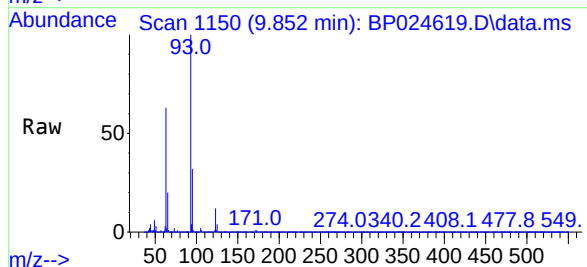
Tgt Ion: 93 Resp: 542581

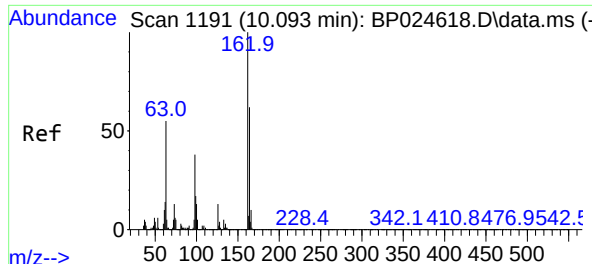
Ion Ratio Lower Upper

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

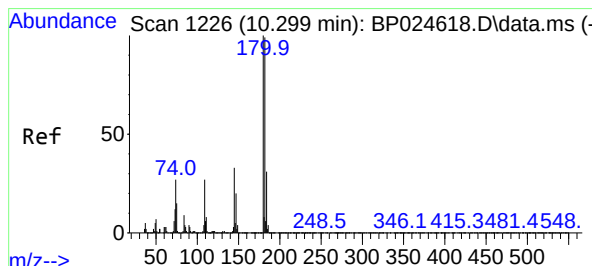
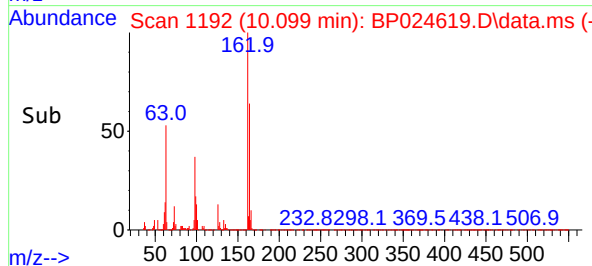
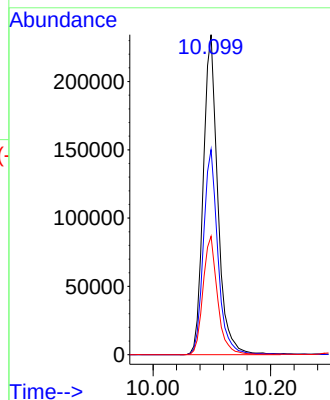
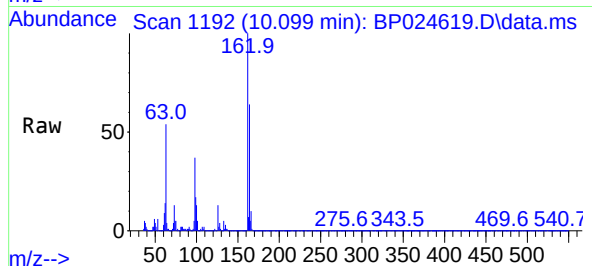
Tgt Ion:162 Resp: 400983

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

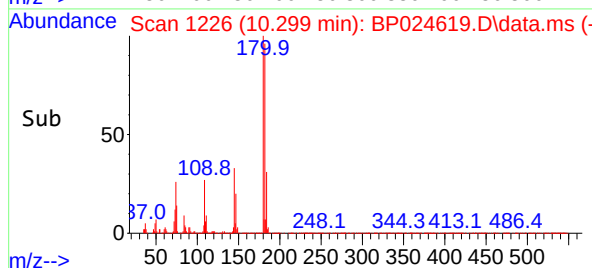
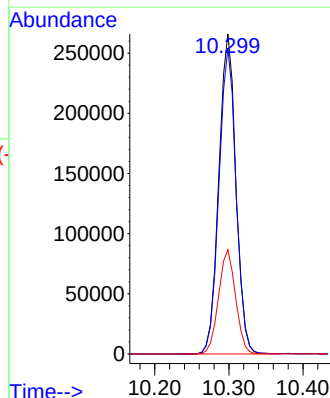
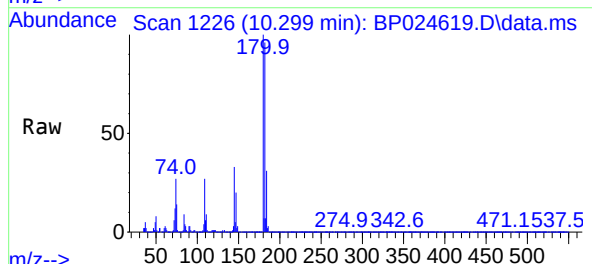
Tgt Ion:180 Resp: 424561

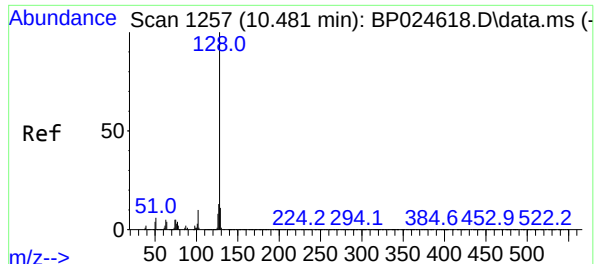
Ion Ratio Lower Upper

180 100

182 95.5 79.0 118.4

145 32.6 26.6 39.8

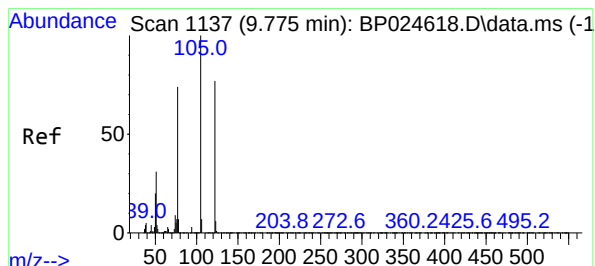
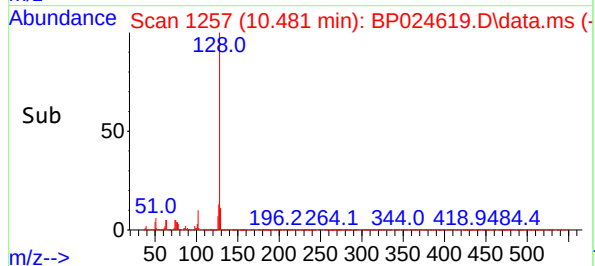
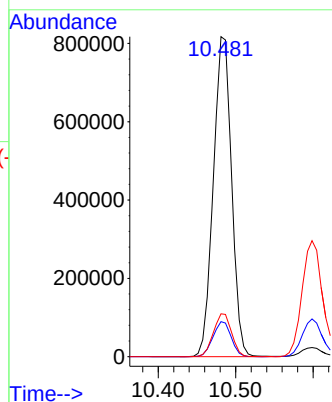
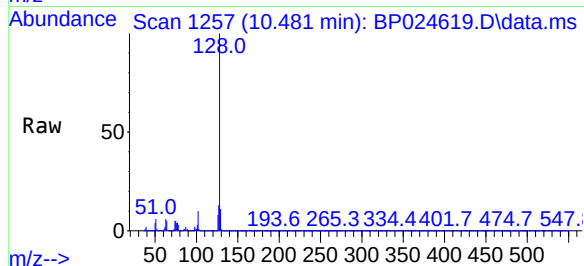




#31
Naphthalene
Concen: 52.65 ng
RT: 10.481 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

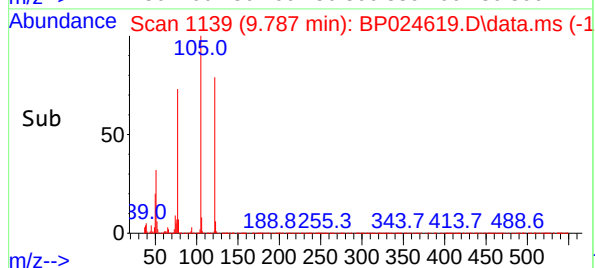
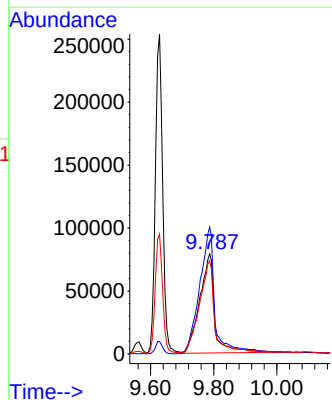
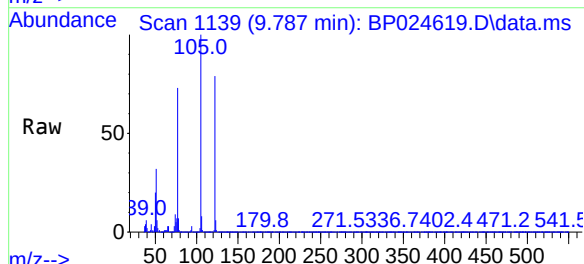
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

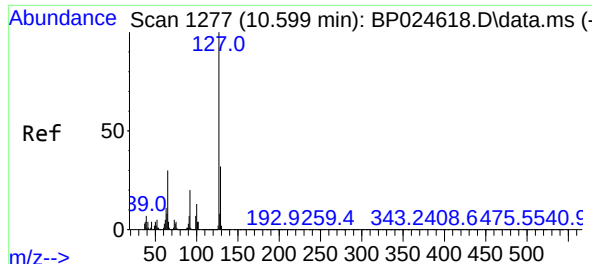
Tgt Ion:128 Resp: 1336265
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.7 16.1



#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

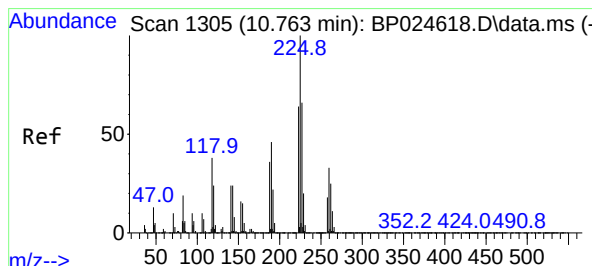
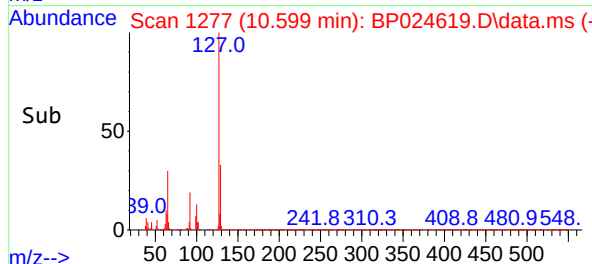
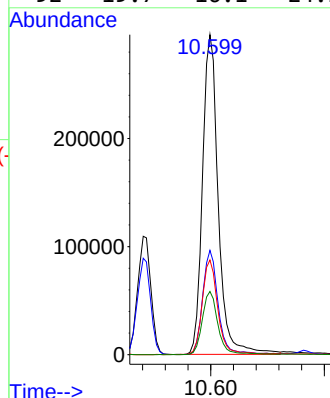
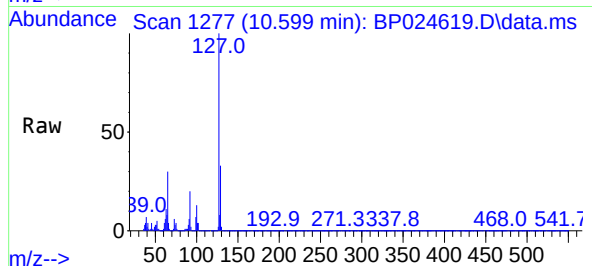




#33
4-Chloroaniline
Concen: 55.63 ng
RT: 10.599 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

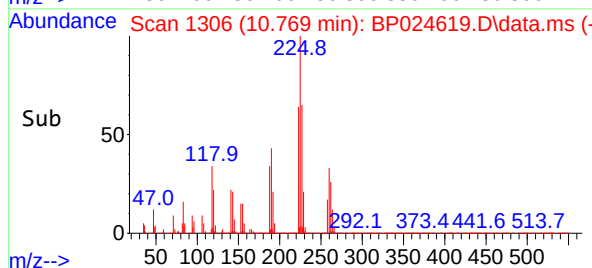
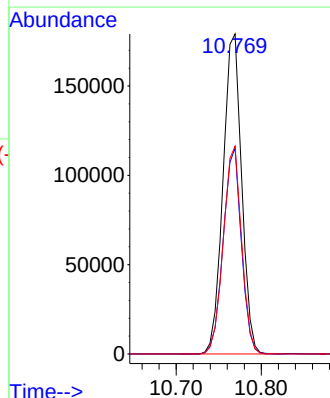
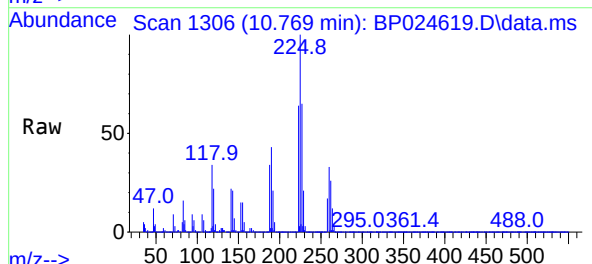
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

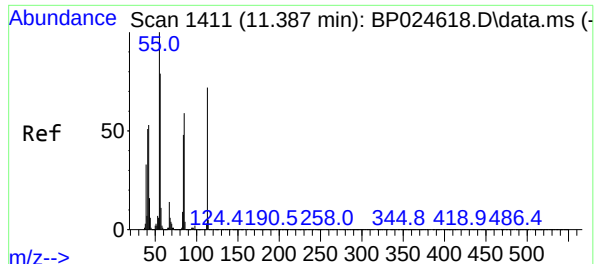
Tgt Ion:	127	Resp:	569812
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	29.6	23.9	35.9
92	19.7	16.1	24.1



#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

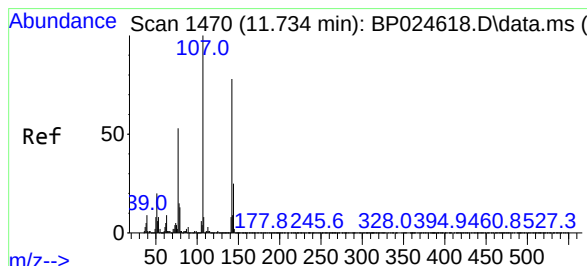
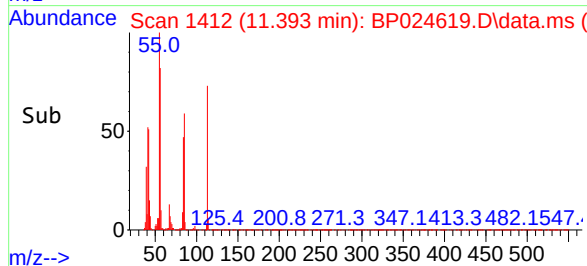
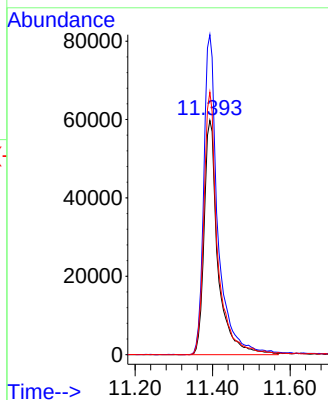
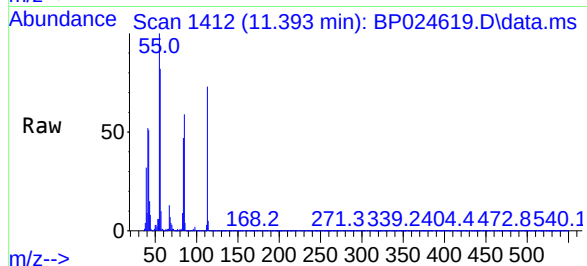




#35
Caprolactam
Concen: 57.53 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

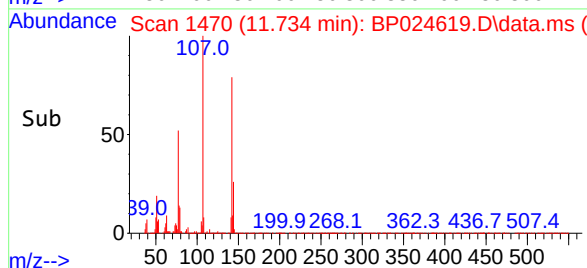
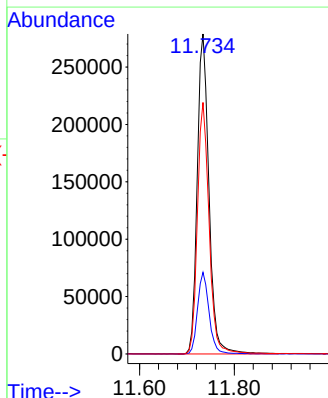
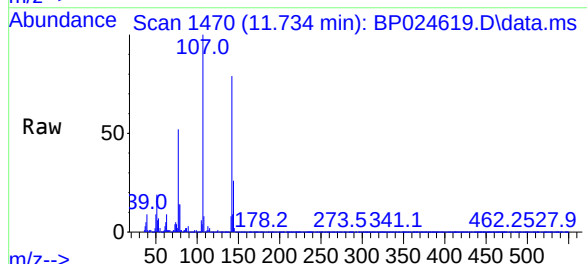
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

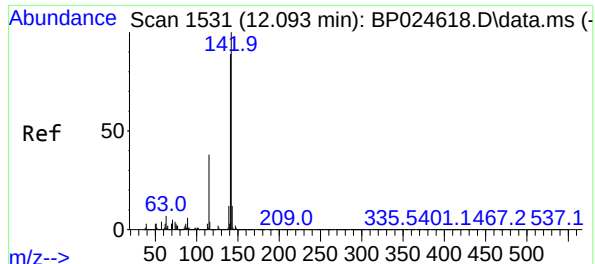
Tgt Ion:113 Resp: 148586
Ion Ratio Lower Upper
113 100
55 136.6 119.0 159.0
56 112.0 90.3 130.3



#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

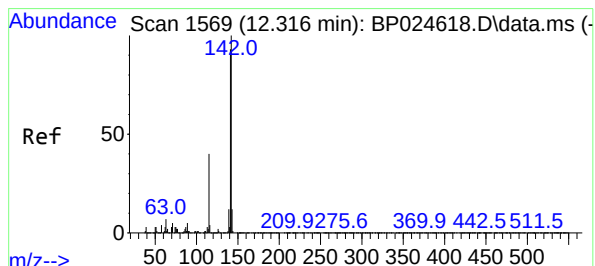
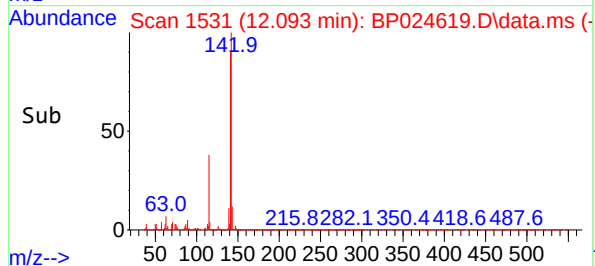
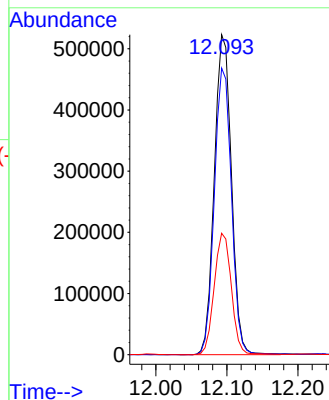
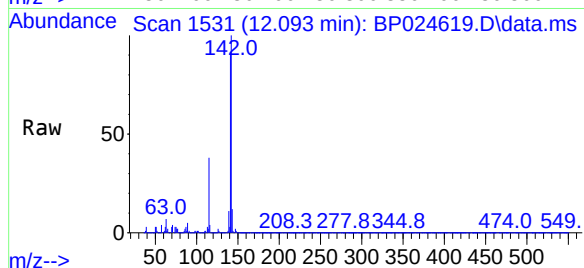
Tgt Ion:142 Resp: 873274

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

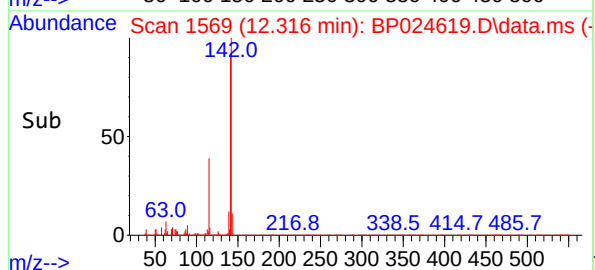
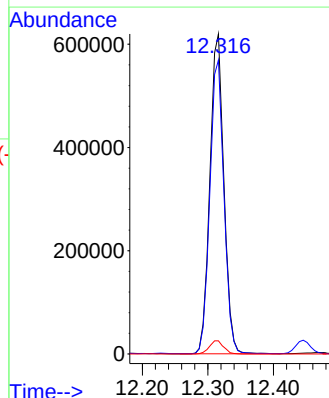
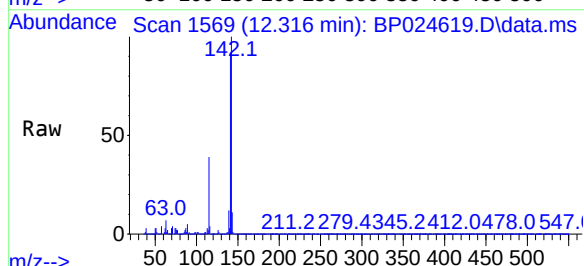
Tgt Ion:142 Resp: 919827

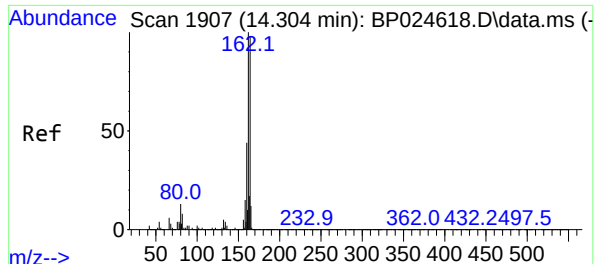
Ion Ratio Lower Upper

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

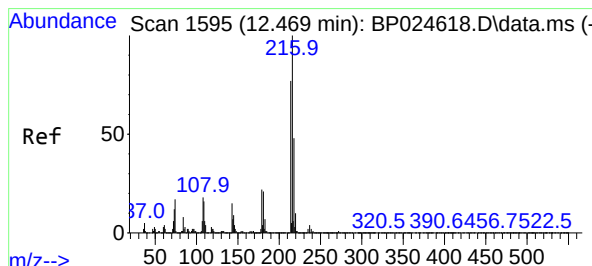
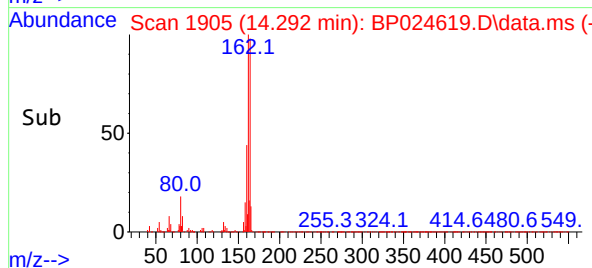
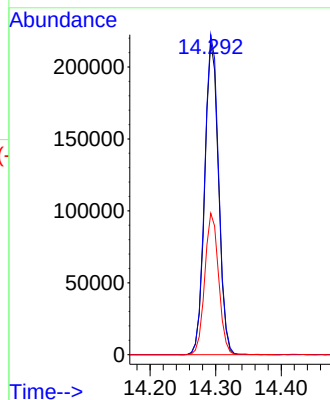
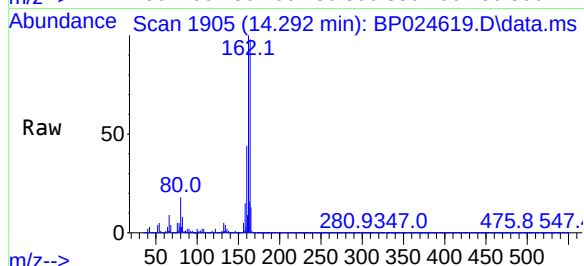
Tgt Ion:164 Resp: 318760

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

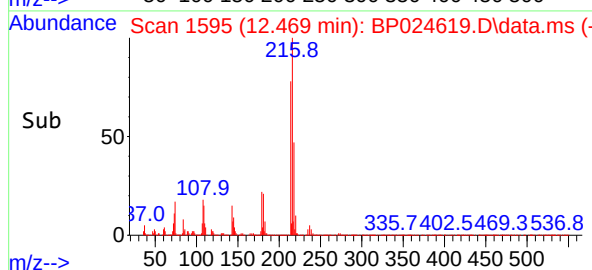
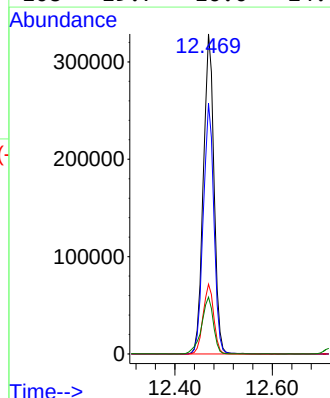
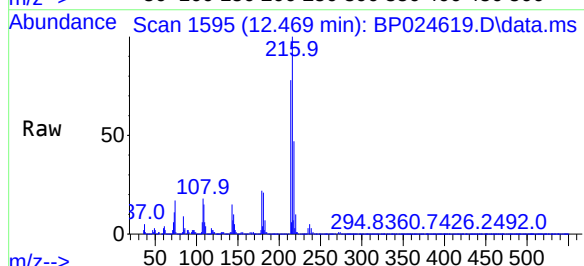
Ion Ratio Lower Upper

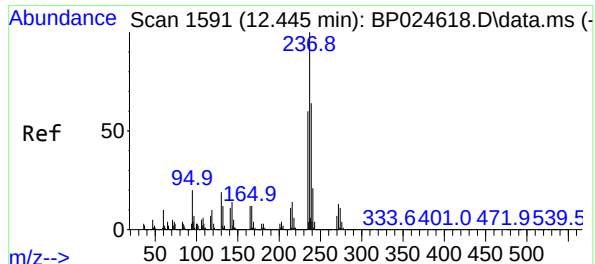
216 100

214 78.0 62.3 93.5

179 21.9 17.7 26.5

108 19.7 16.0 24.0

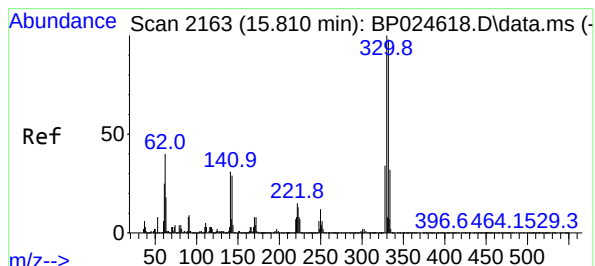
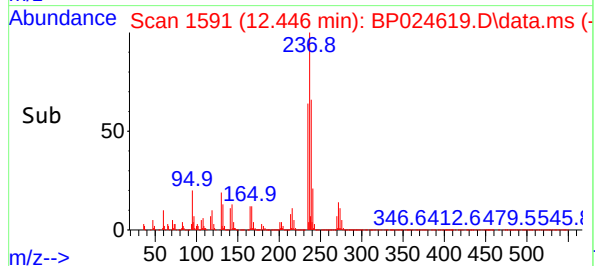
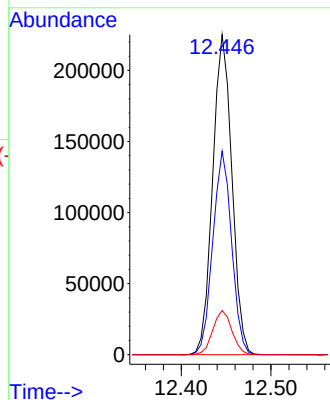
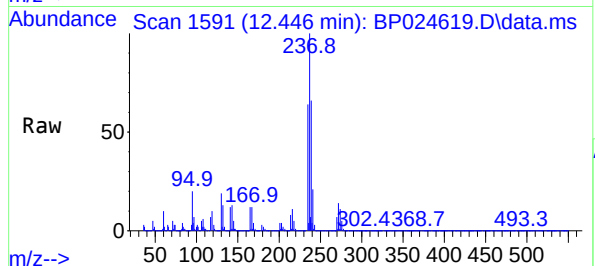




#41
Hexachlorocyclopentadiene
Concen: 59.64 ng
RT: 12.446 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

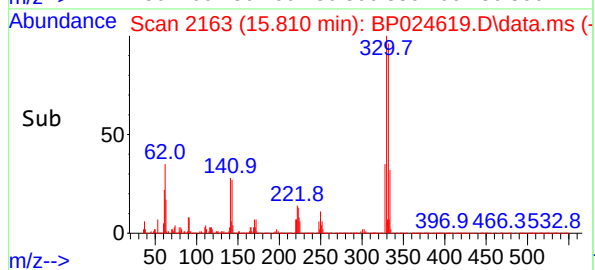
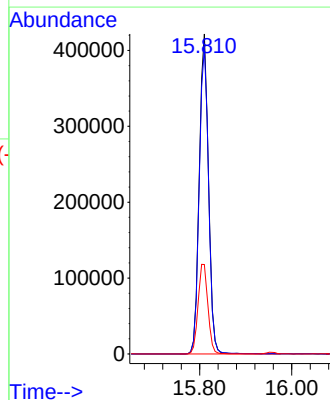
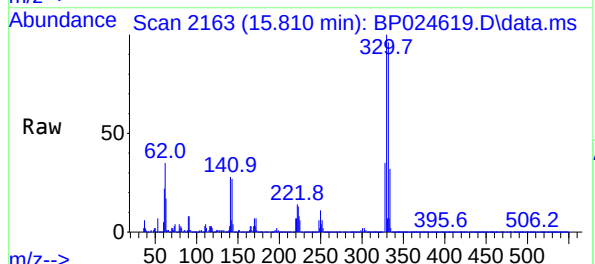
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

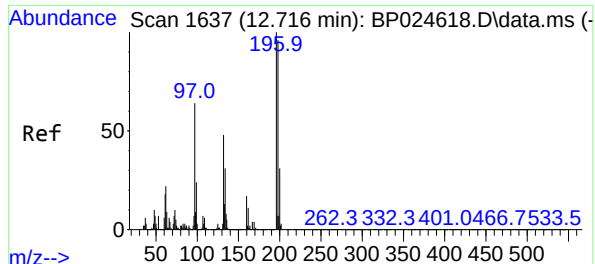
Tgt Ion: 237 Resp: 334752
Ion Ratio Lower Upper
237 100
235 63.6 39.9 79.9
272 13.8 0.0 33.2



#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

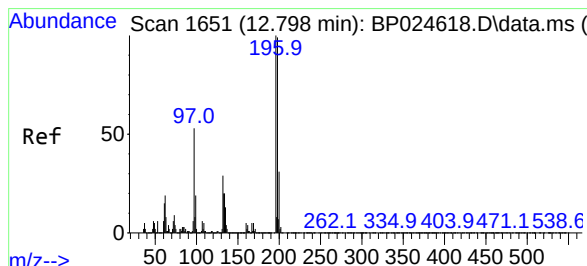
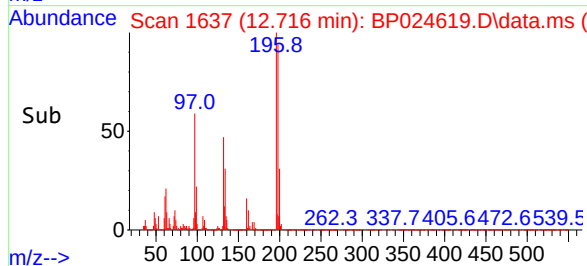
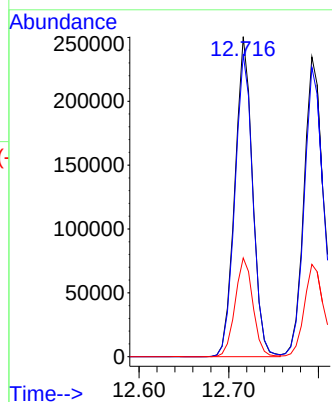
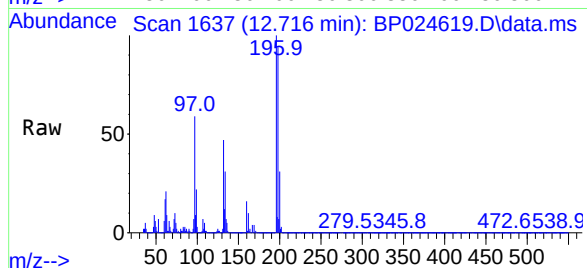
Tgt Ion:196 Resp: 341059

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

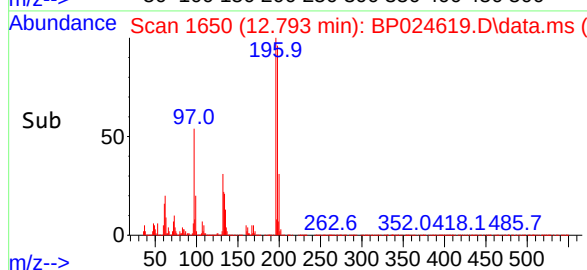
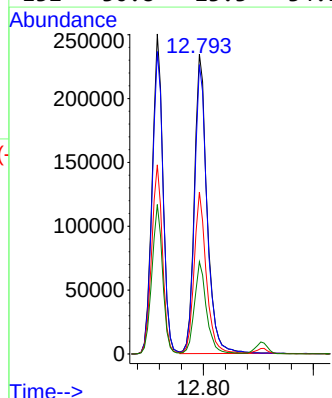
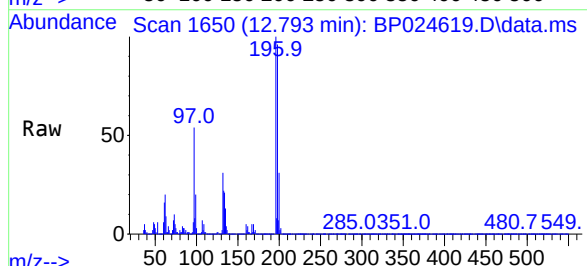
Ion Ratio Lower Upper

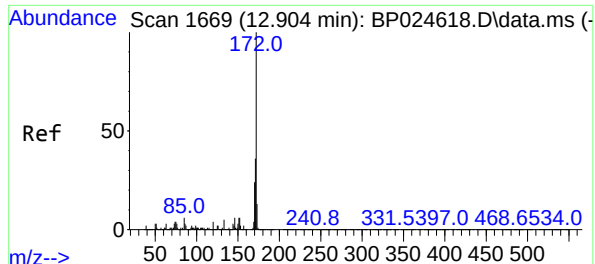
196 100

198 96.5 79.2 118.8

97 54.0 42.3 63.5

132 30.8 23.3 34.9

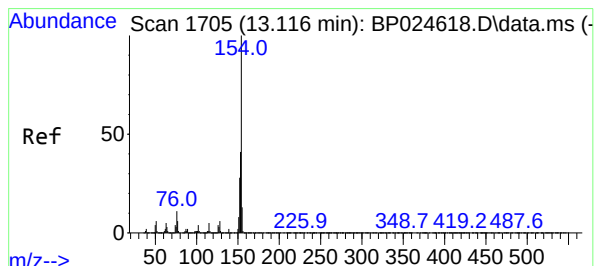
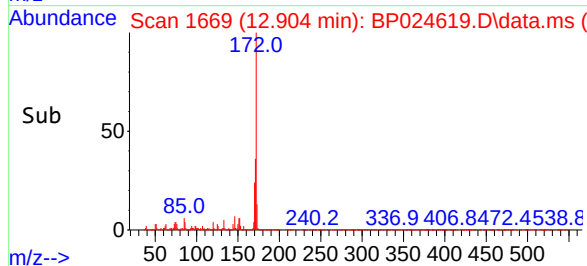
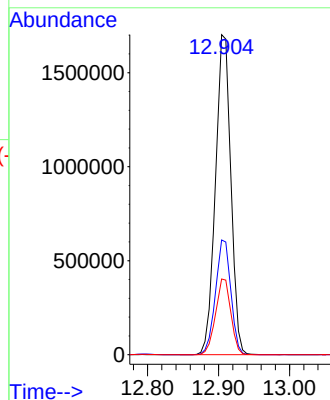
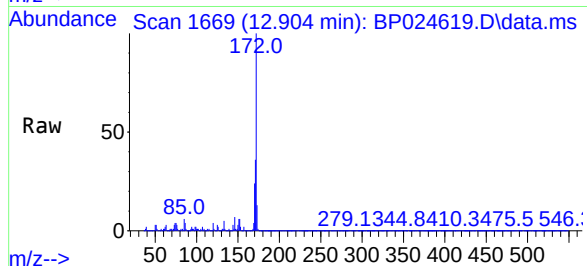




#45
2-Fluorobiphenyl
Concen: 104.96 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

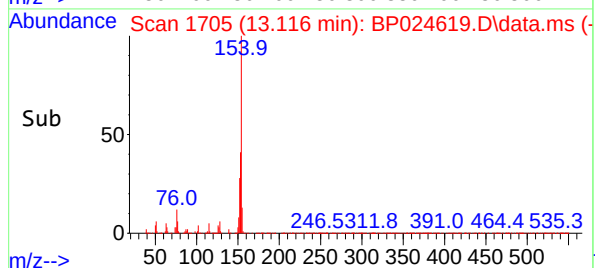
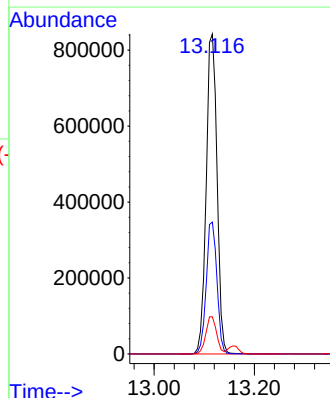
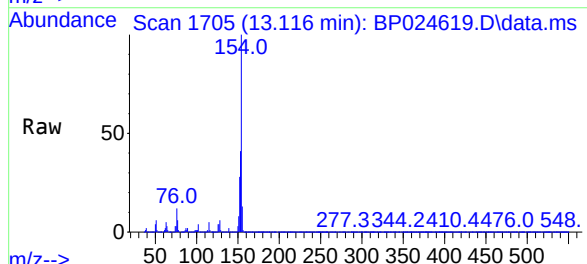
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

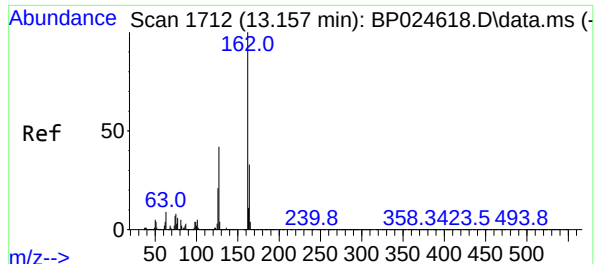
Tgt Ion:172 Resp: 2553765
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 18.8 28.2



#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

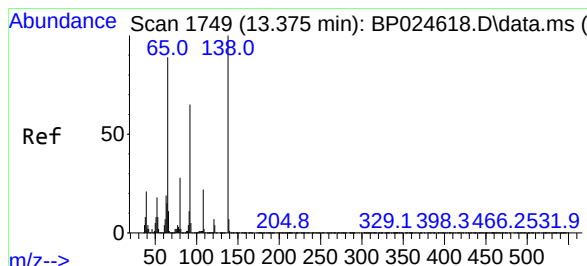
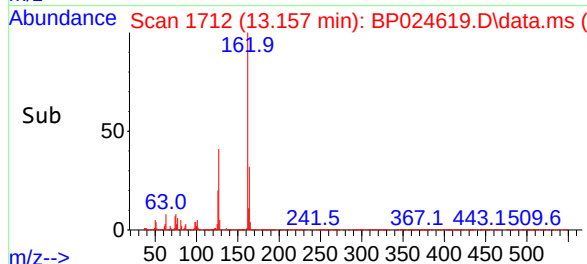
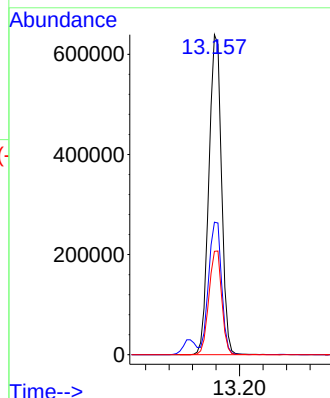
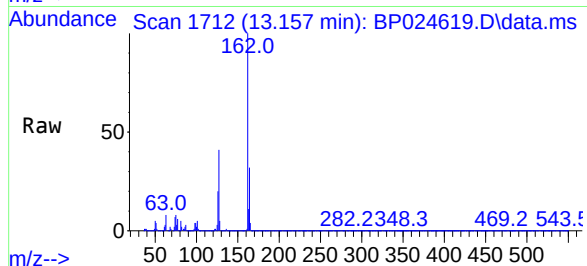
Tgt Ion:162 Resp: 952857

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

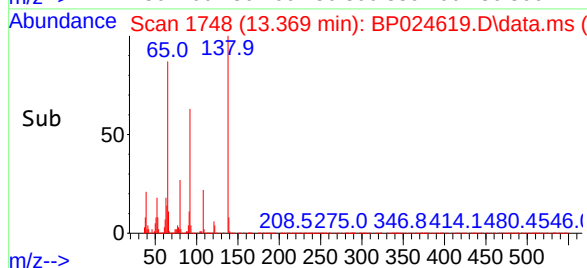
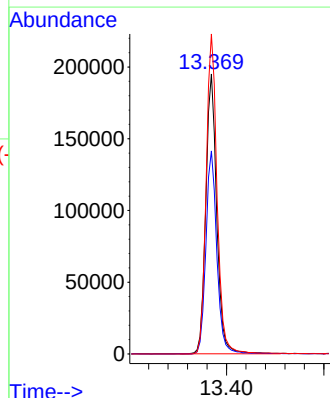
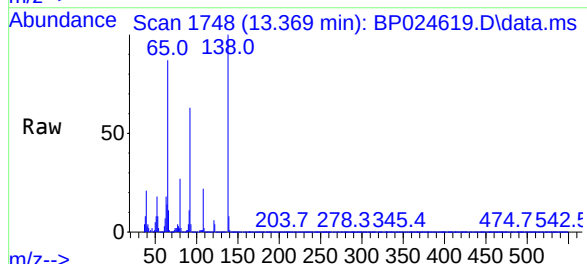
Tgt Ion: 65 Resp: 303475

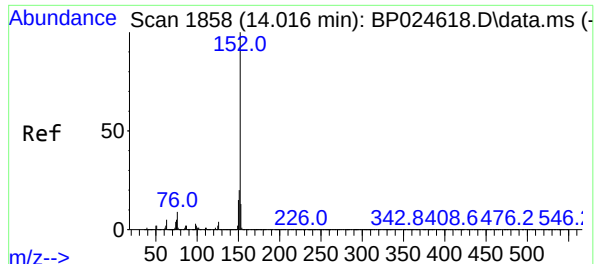
Ion Ratio Lower Upper

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

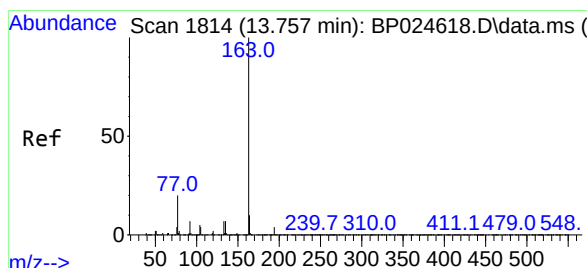
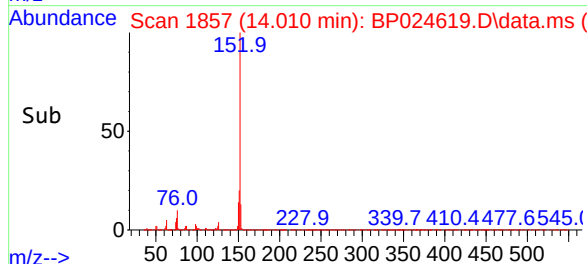
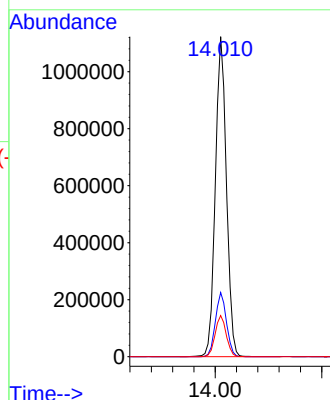
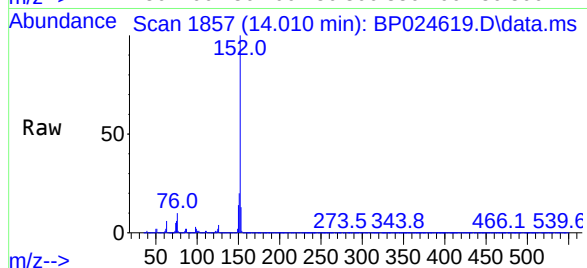
Tgt Ion:152 Resp: 1616938

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

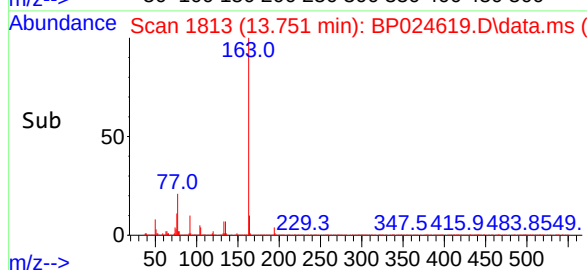
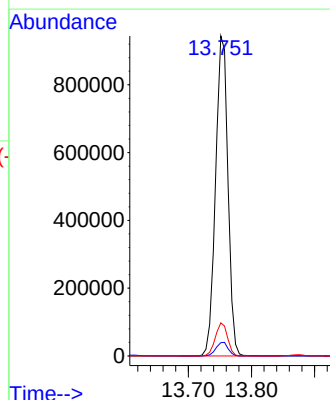
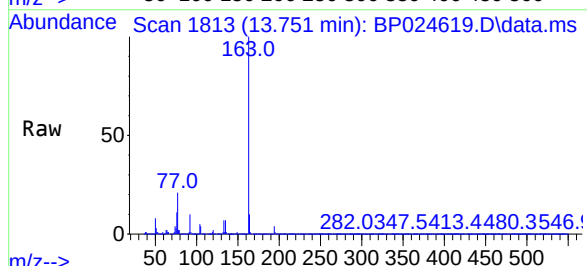
Tgt Ion:163 Resp: 1283491

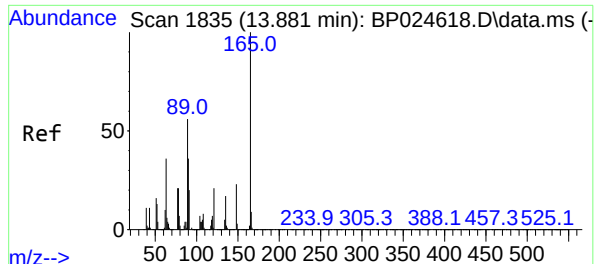
Ion Ratio Lower Upper

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

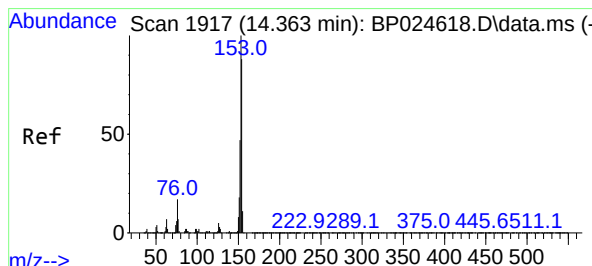
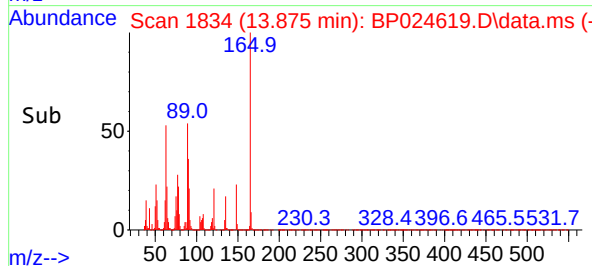
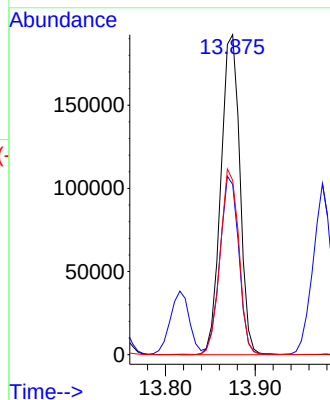
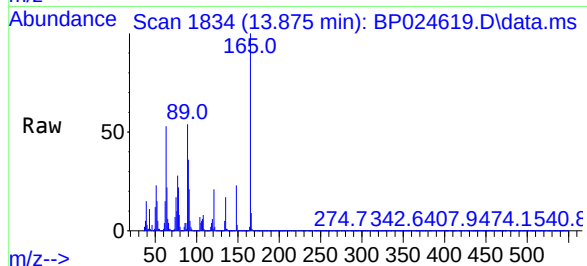
Tgt Ion:165 Resp: 281728

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

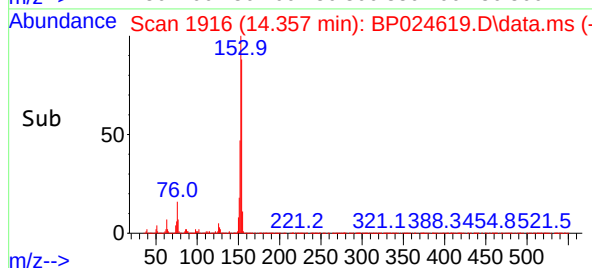
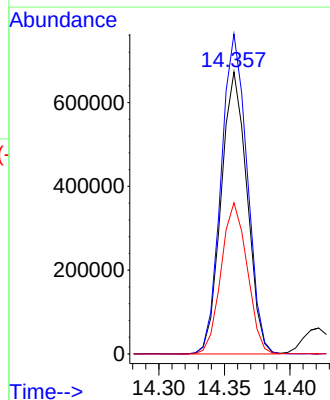
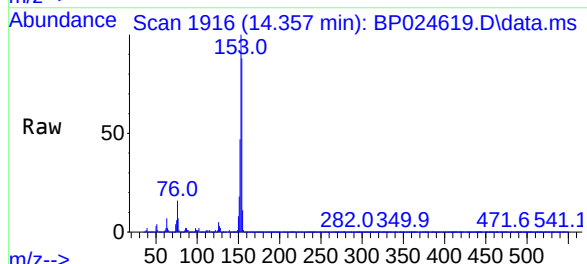
Tgt Ion:154 Resp: 923238

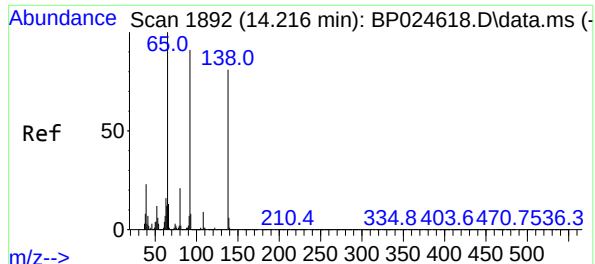
Ion Ratio Lower Upper

154 100

153 113.5 91.0 136.4

152 53.6 42.9 64.3

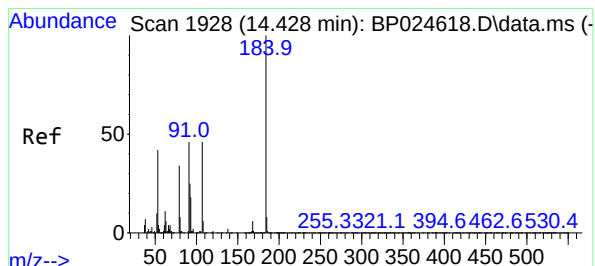
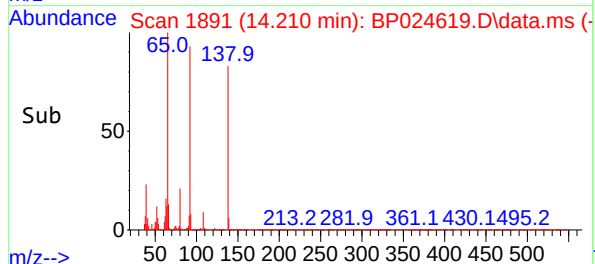
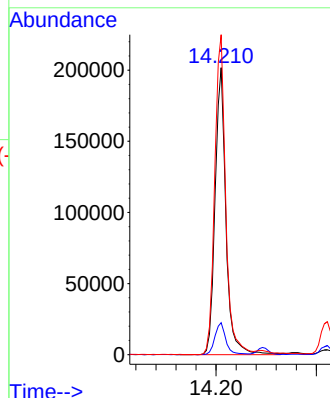
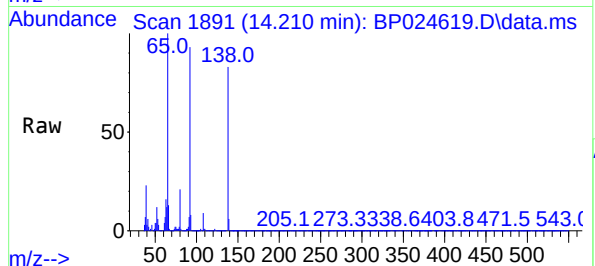




#53
3-Nitroaniline
Concen: 57.71 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

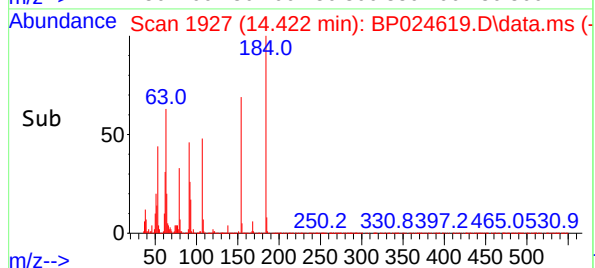
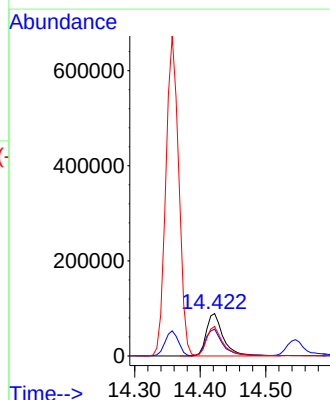
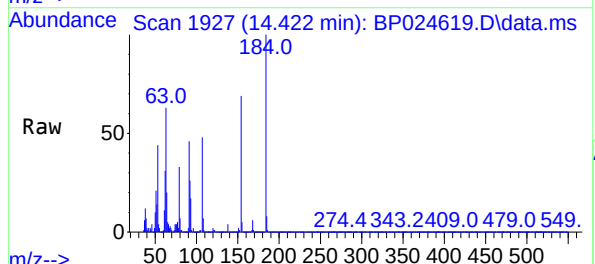
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

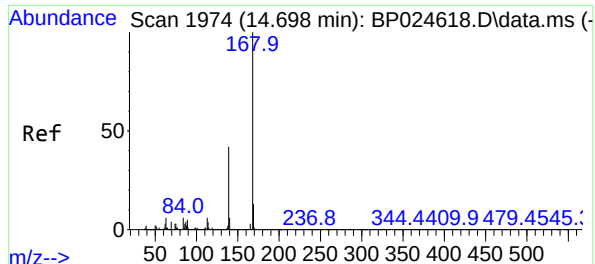
Tgt Ion:138 Resp: 302341
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 111.5 90.1 135.1



#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

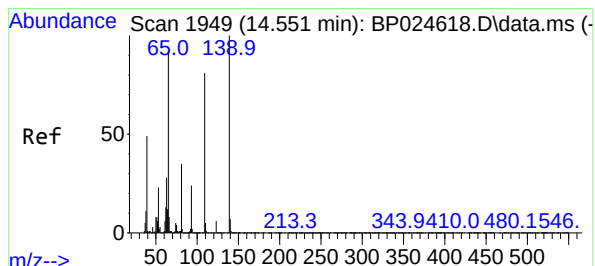
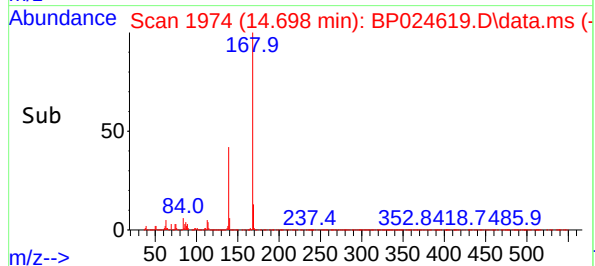
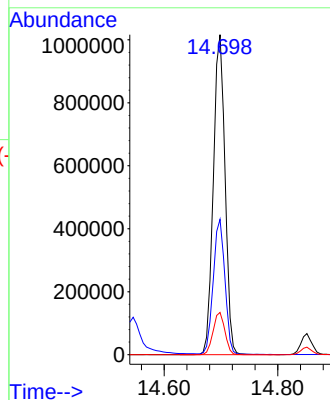
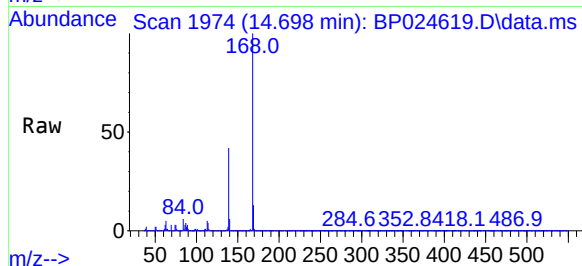




#55
Dibenzenofuran
Concen: 52.50 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

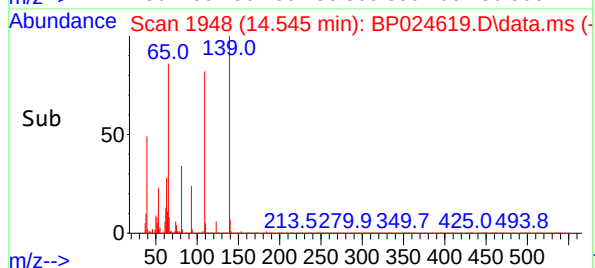
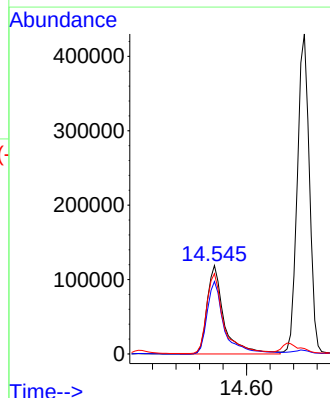
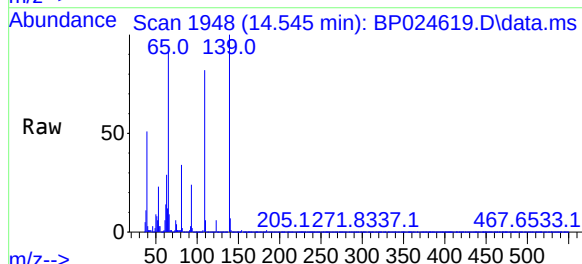
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

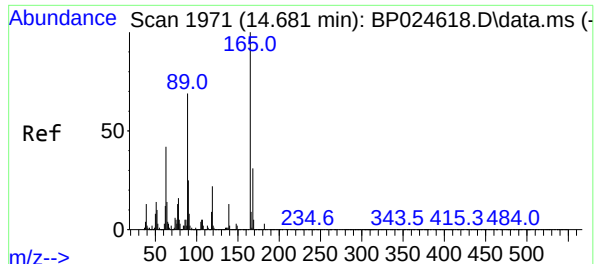
Tgt Ion:168 Resp: 1447333
Ion Ratio Lower Upper
168 100
139 42.3 34.2 51.4
169 13.2 10.8 16.2



#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

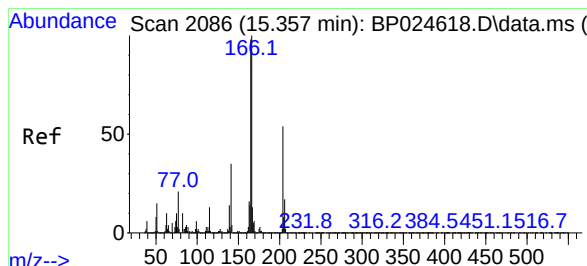
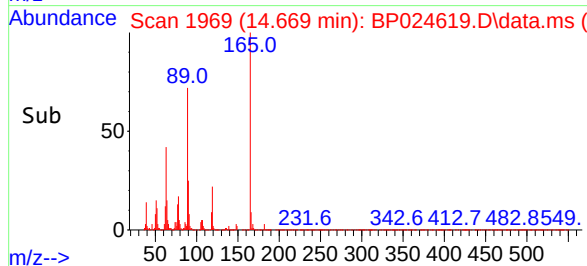
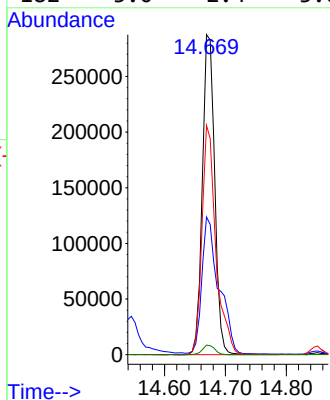
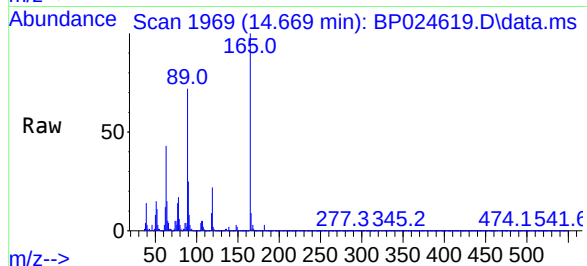




#57
2,4-Dinitrotoluene
Concen: 55.94 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

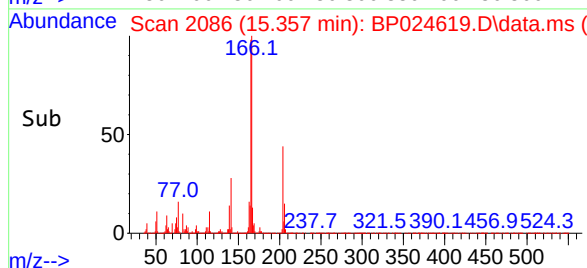
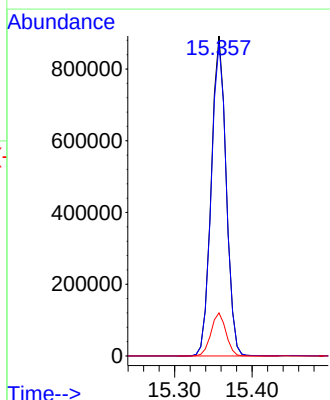
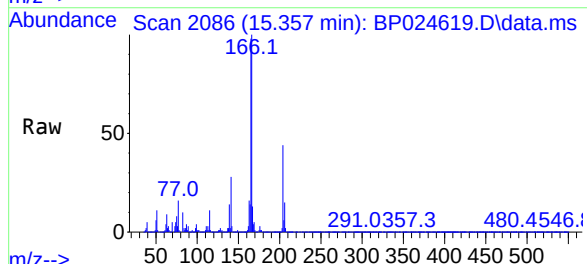
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

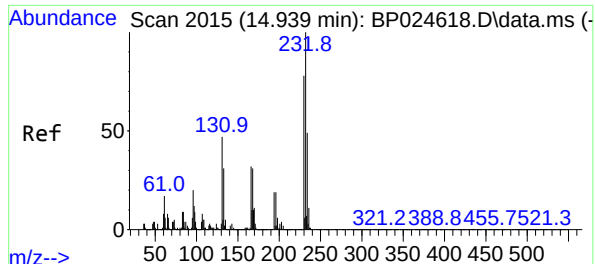
Tgt Ion:165 Resp: 404684
Ion Ratio Lower Upper
165 100
63 43.0 33.8 50.6
89 71.7 55.6 83.4
182 3.0 2.4 3.6



#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# 20

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

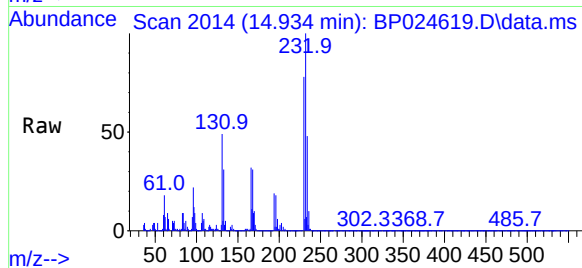
Ion Ratio Lower Upper

232 100

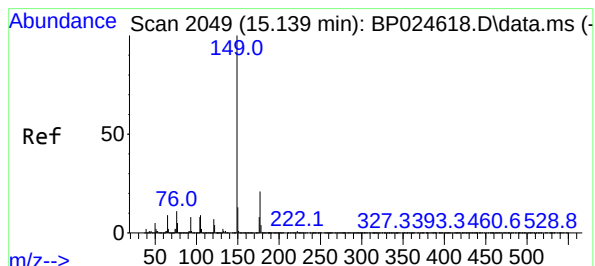
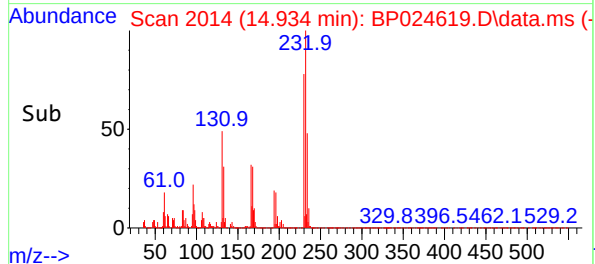
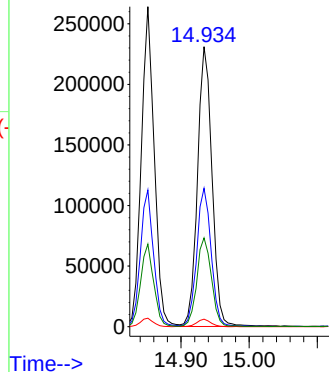
131 49.3 39.5 59.3

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

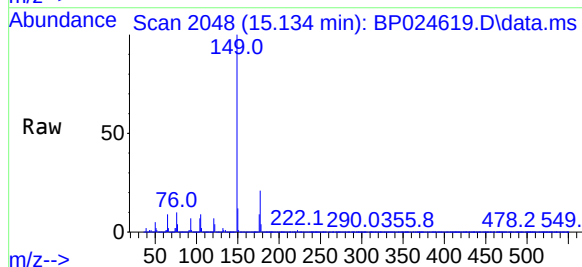
Tgt Ion:149 Resp: 1305791

Ion Ratio Lower Upper

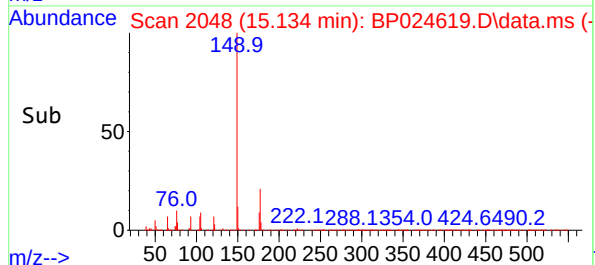
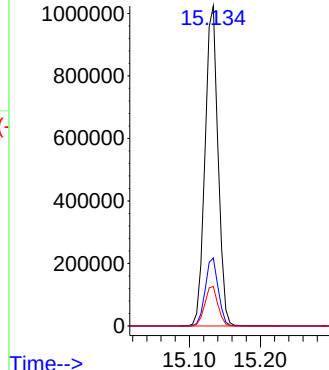
149 100

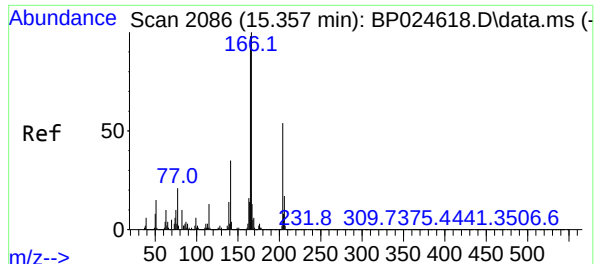
177 21.3 16.7 25.1

150 12.3 10.2 15.2



Abundance

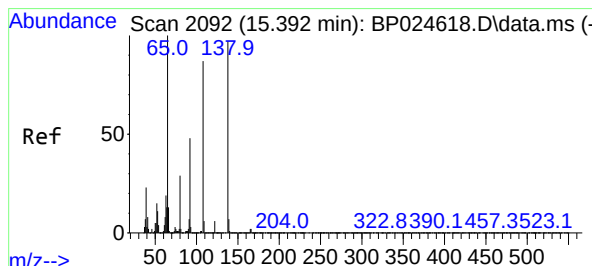
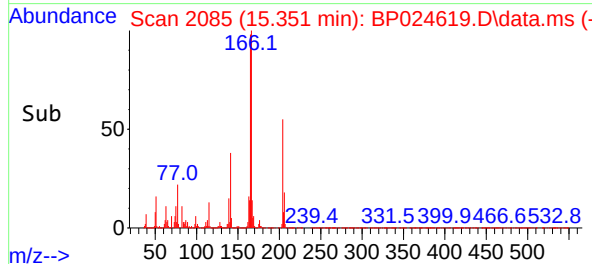
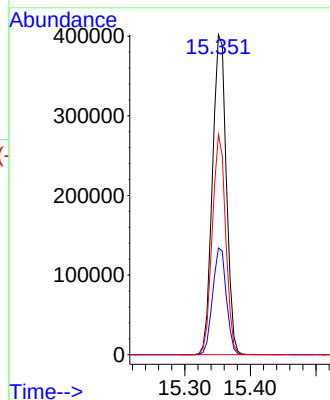
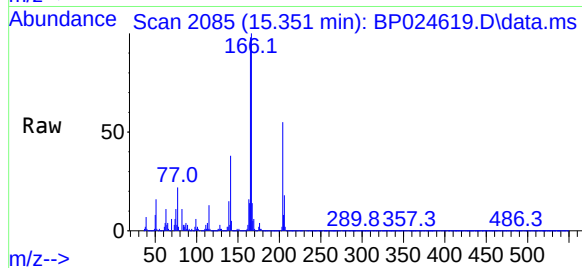




#61
4-Chlorophenyl-phenylether
Concen: 52.67 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

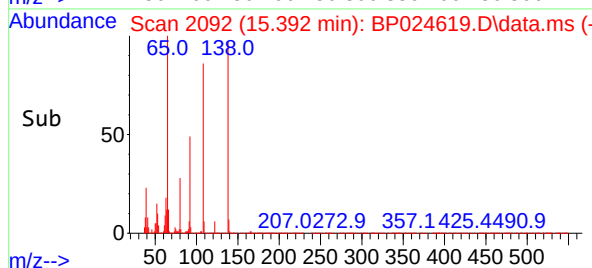
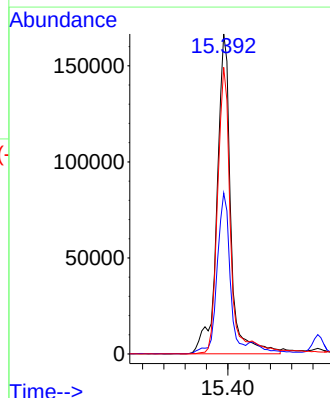
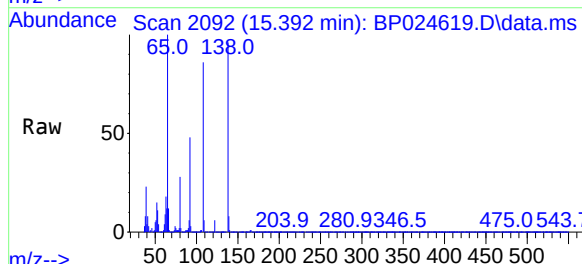
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

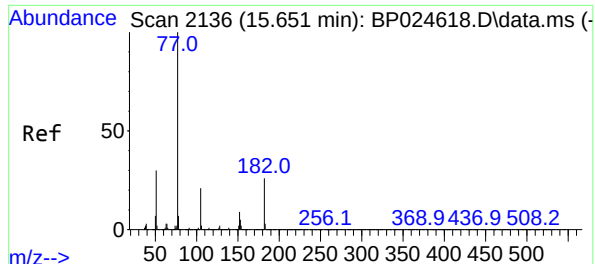
Tgt Ion:204 Resp: 590421
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 68.7 52.9 79.3



#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

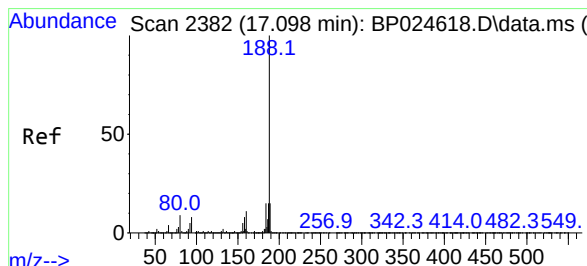
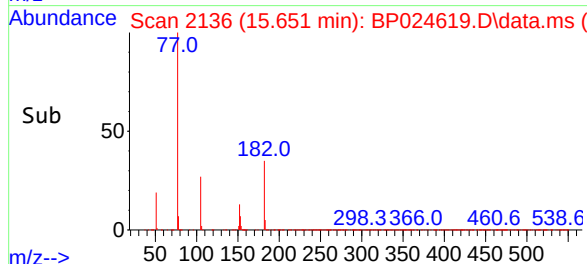
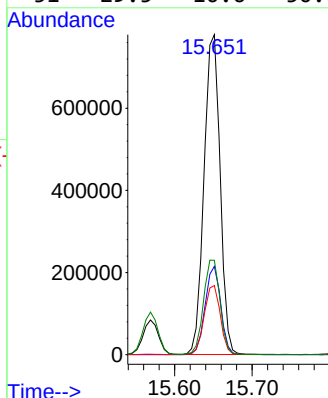
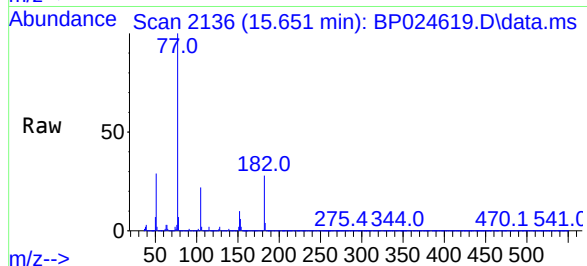




#63
Azobenzene
Concen: 53.39 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

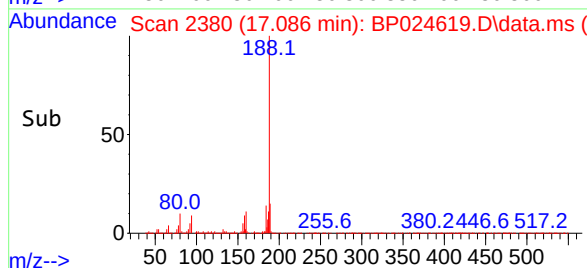
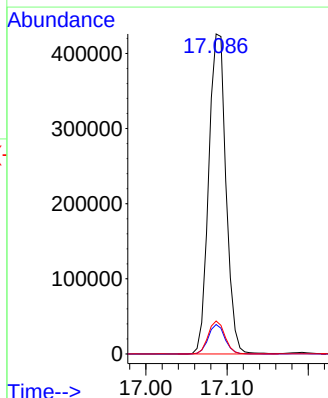
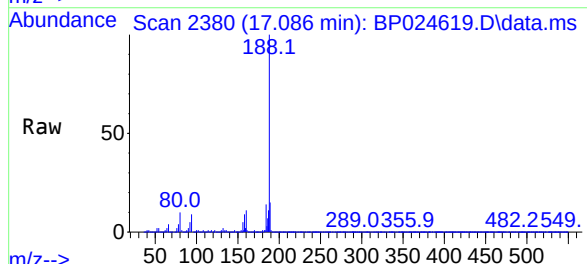
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

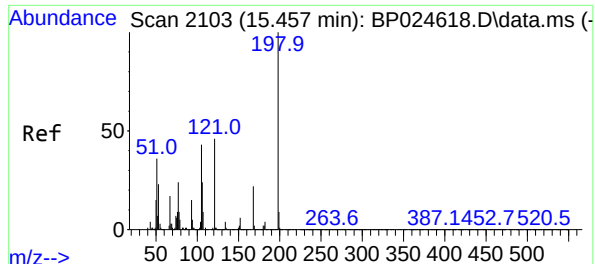
Tgt Ion: 77 Resp: 1121556
Ion Ratio Lower Upper
77 100
182 27.6 5.7 45.7
105 21.6 1.3 41.3
51 29.5 10.6 50.6



#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

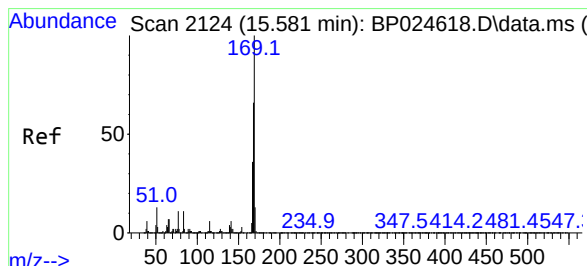
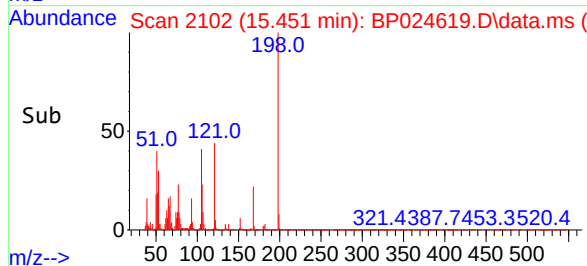
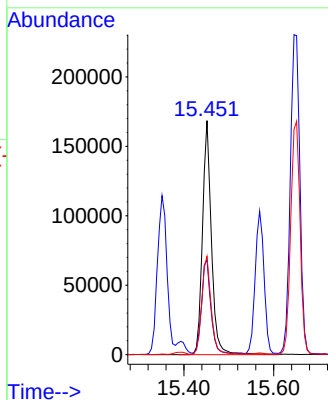
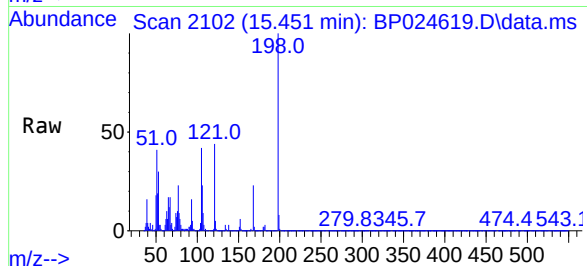




#65
4,6-Dinitro-2-methylphenol
Concen: 57.64 ng
RT: 15.451 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

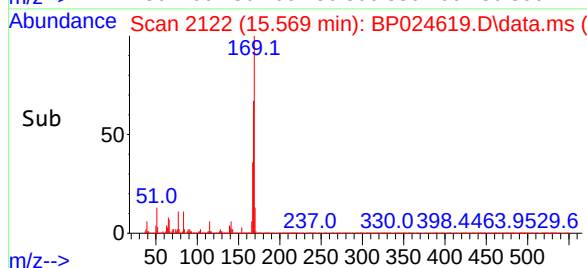
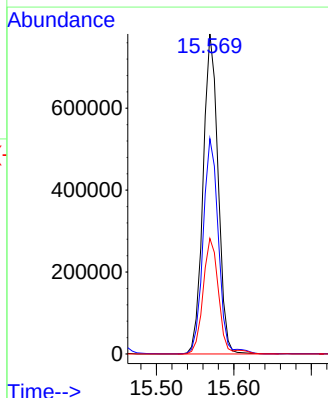
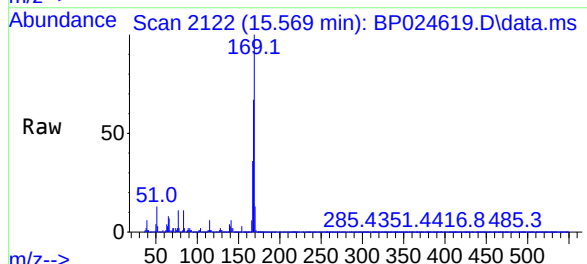
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

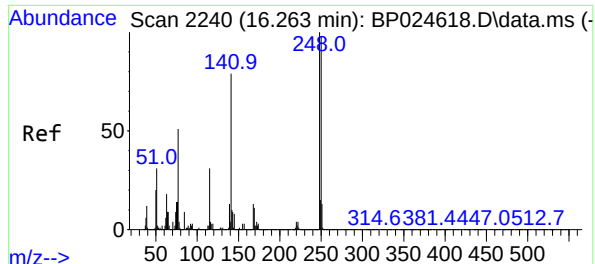
Tgt Ion:198 Resp: 234095
Ion Ratio Lower Upper
198 100
51 40.5 21.1 61.1
105 42.1 23.6 63.6



#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

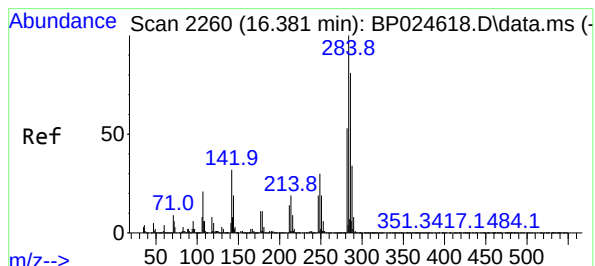
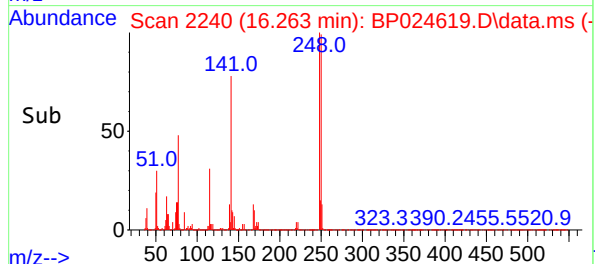
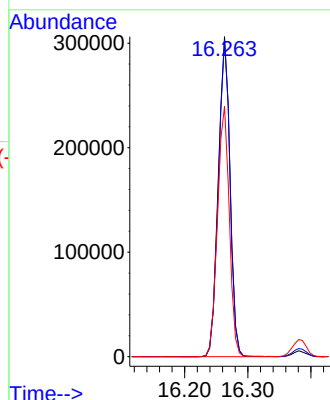
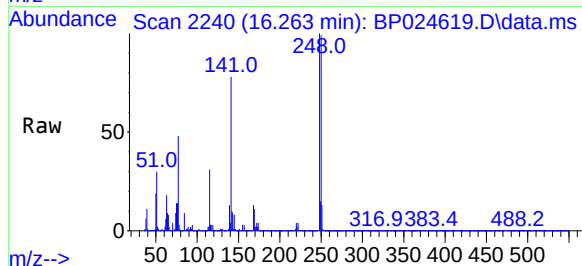




#67
4-Bromophenyl-phenylether
Concen: 53.50 ng
RT: 16.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

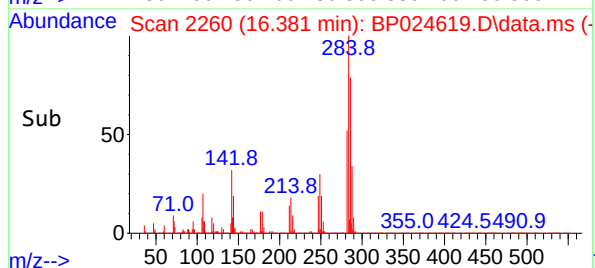
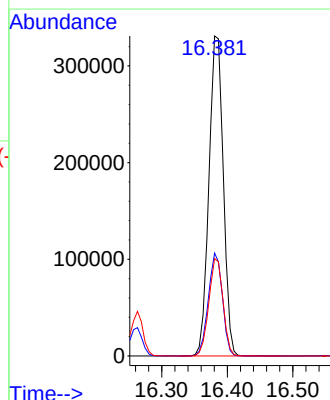
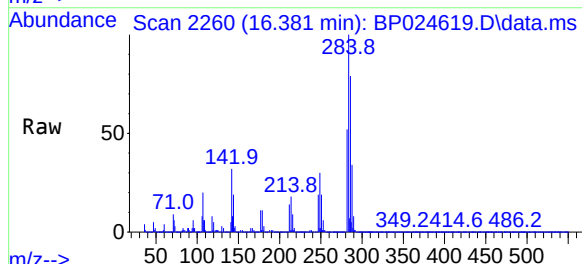
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

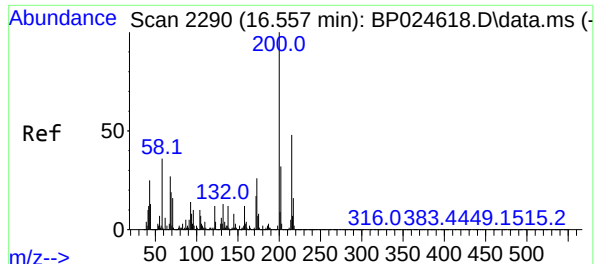
Tgt Ion:248 Resp: 396385
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.4
141 78.2 63.0 94.6



#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

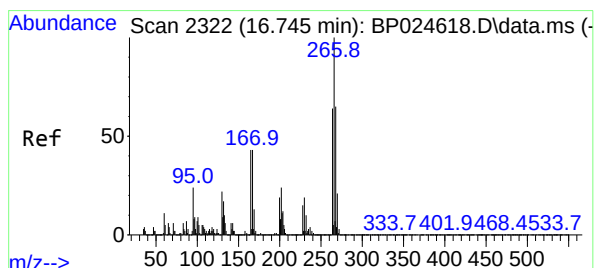
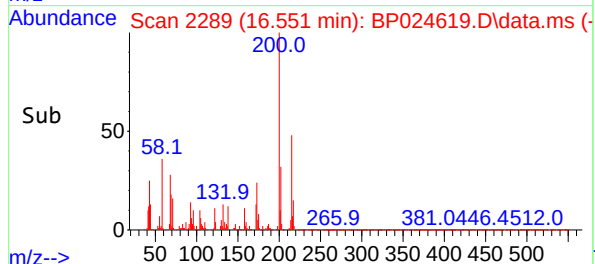
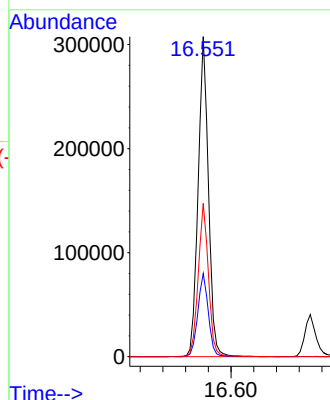
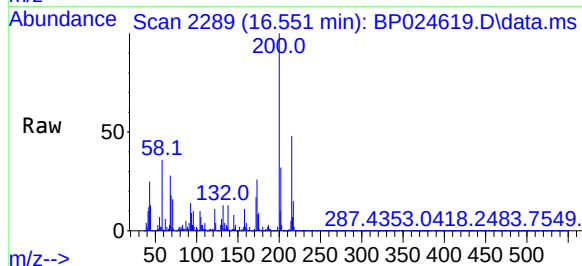




#69
Atrazine
Concen: 55.07 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

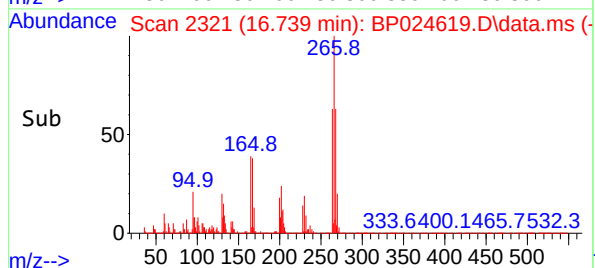
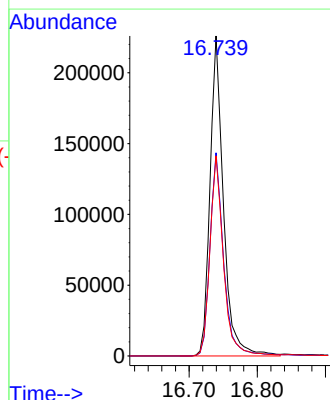
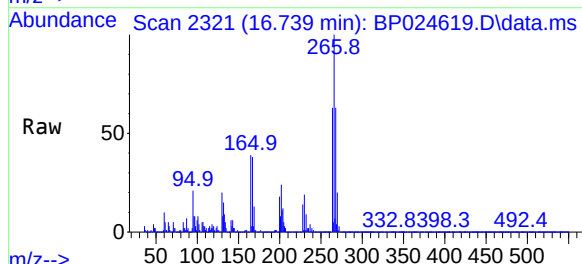
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

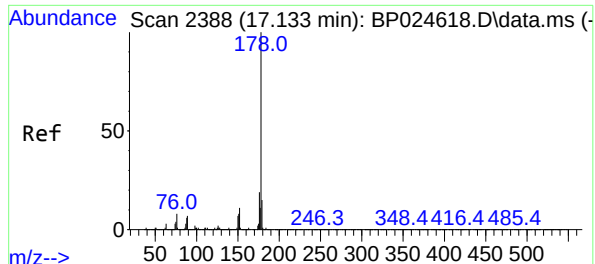
Tgt Ion:200 Resp: 389749
Ion Ratio Lower Upper
200 100
173 26.0 5.9 45.9
215 47.9 28.3 68.3



#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

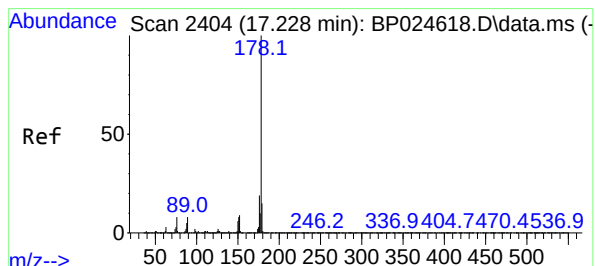
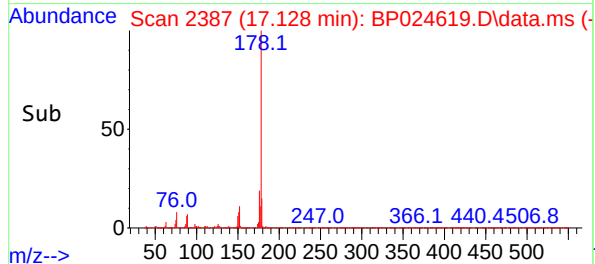
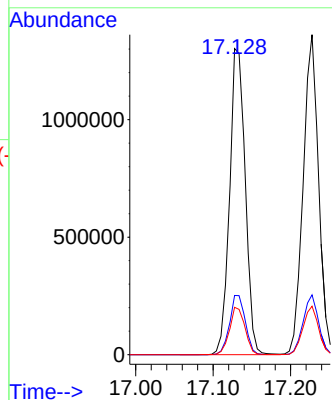
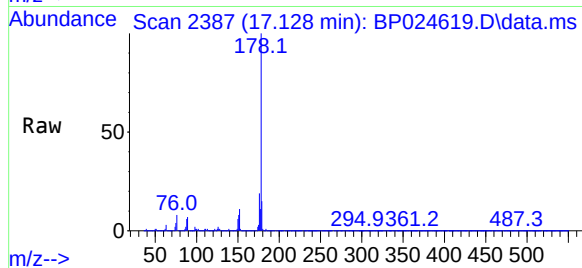




#71
Phenanthrene
Concen: 52.61 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

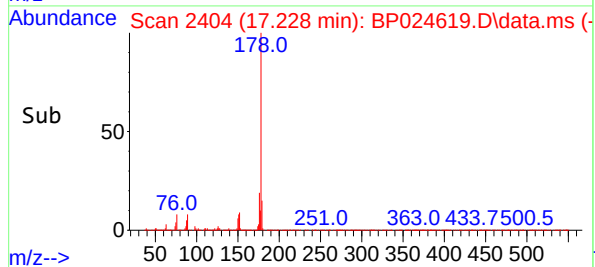
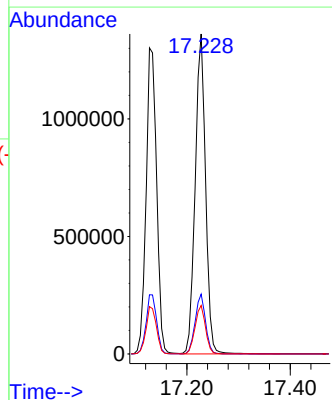
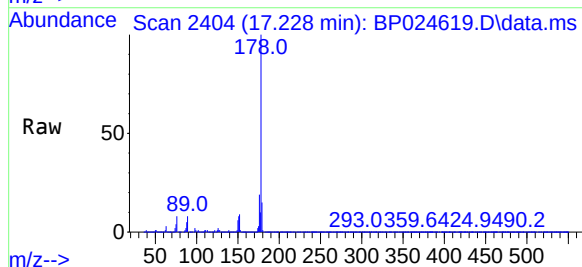
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

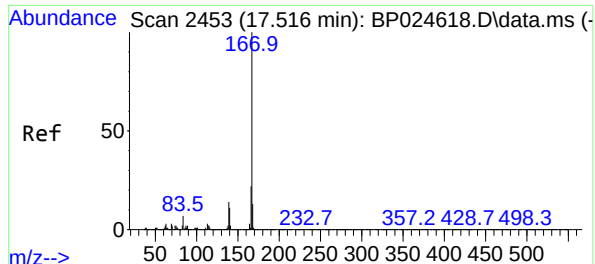
Tgt Ion:178 Resp: 1838891
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.2 18.4



#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

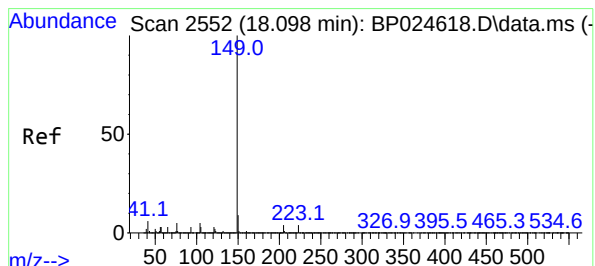
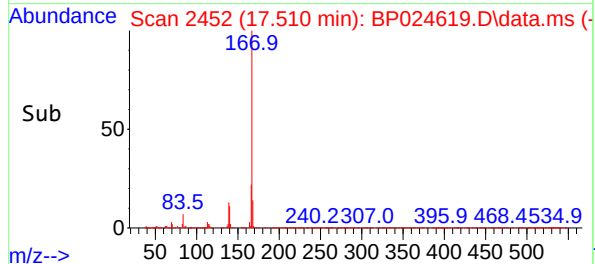
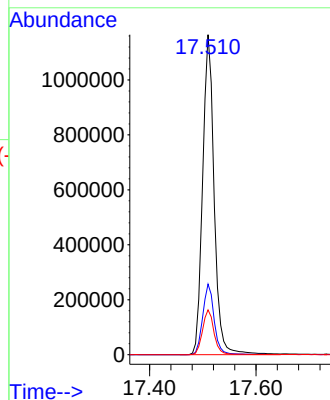
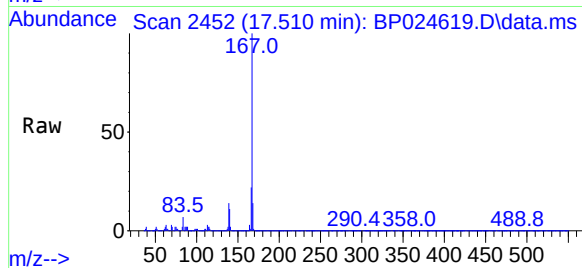




#73
Carbazole
Concen: 55.00 ng
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

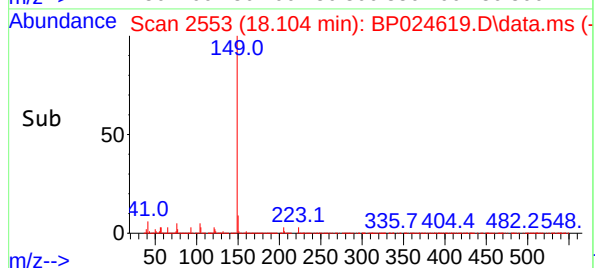
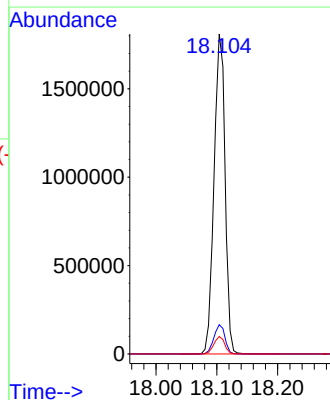
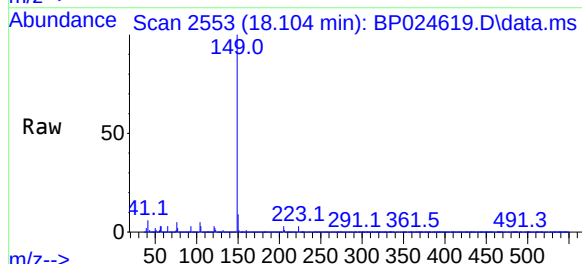
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

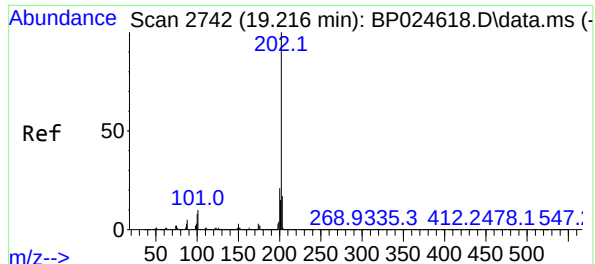
Tgt Ion:167 Resp: 1750681
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 14.0 11.3 16.9



#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

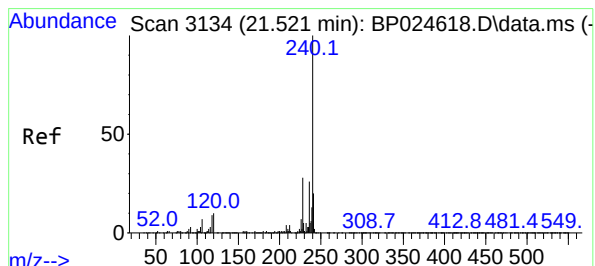
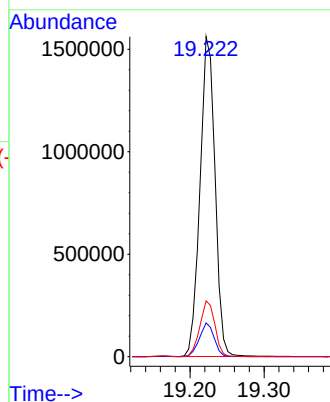
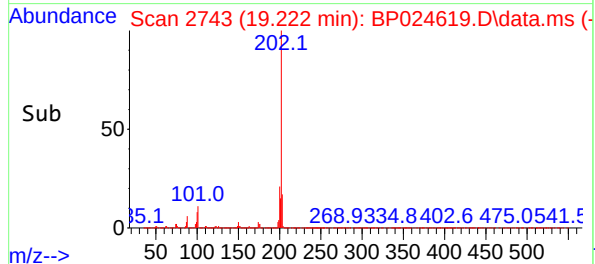
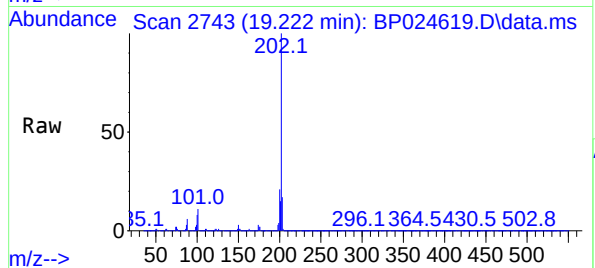




#75
Fluoranthene
Concen: 53.84 ng
RT: 19.222 min Scan# 2199818
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

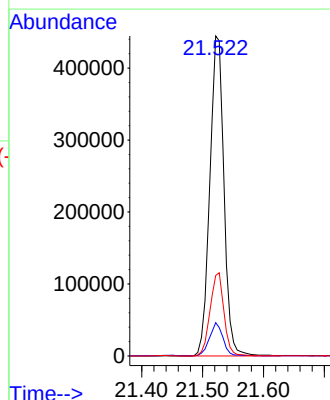
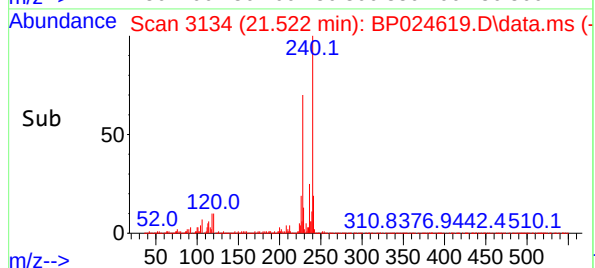
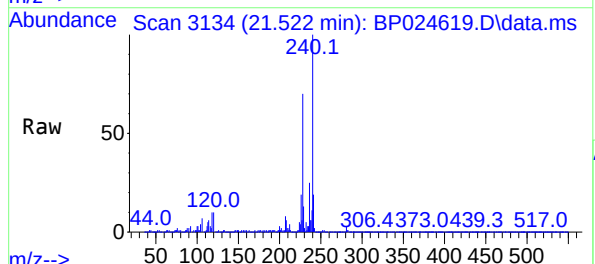
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

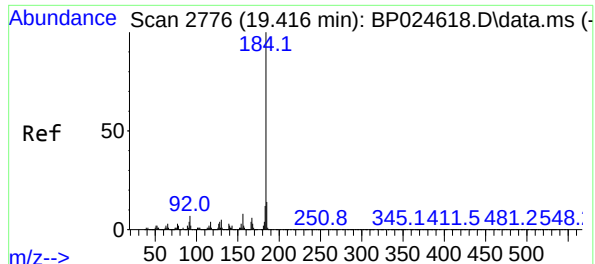
Tgt Ion:202 Resp: 2199818
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.3
203 17.4 0.0 37.5



#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

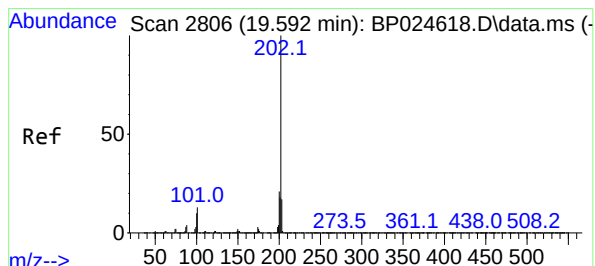
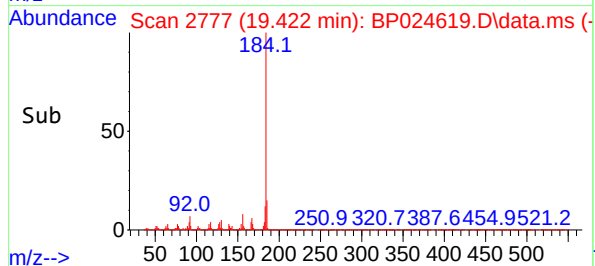
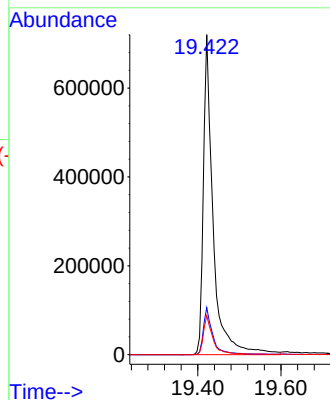
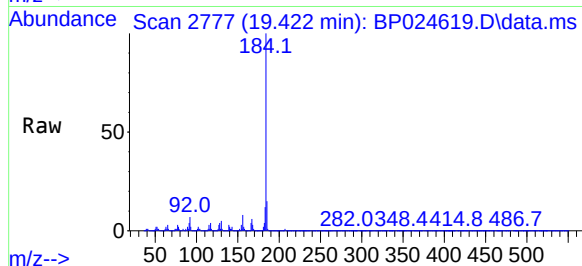




#77
Benzidine
Concen: 59.85 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

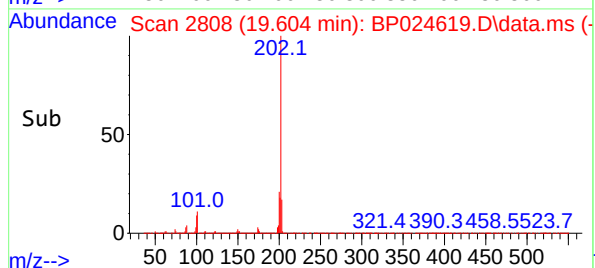
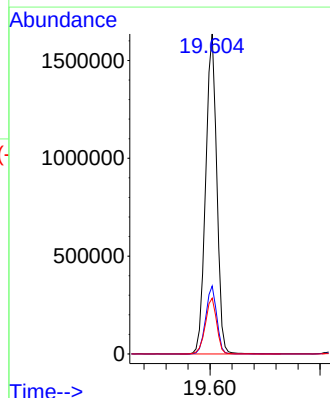
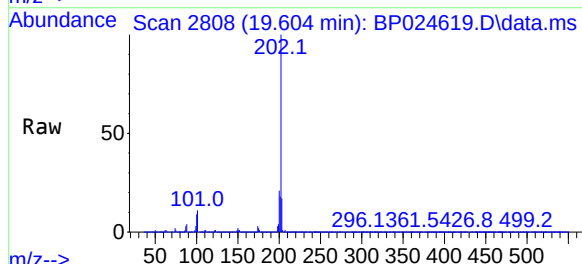
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

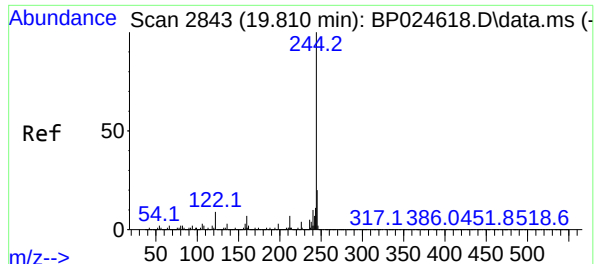
Tgt Ion:184 Resp: 1178505
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 12.2 9.8 14.8



#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

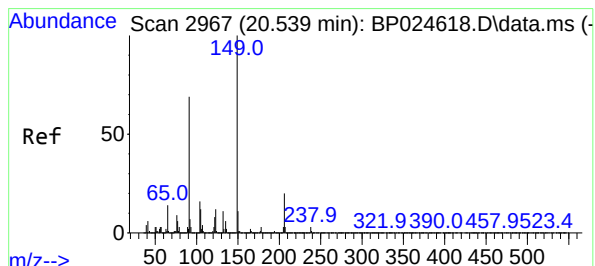
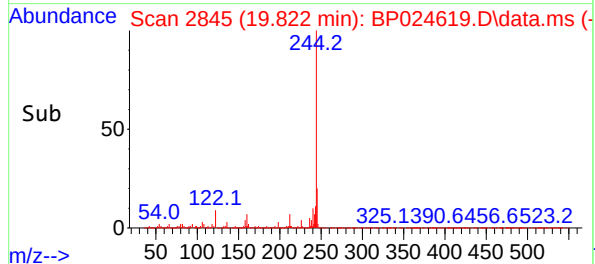
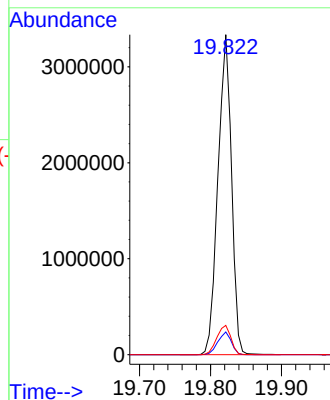
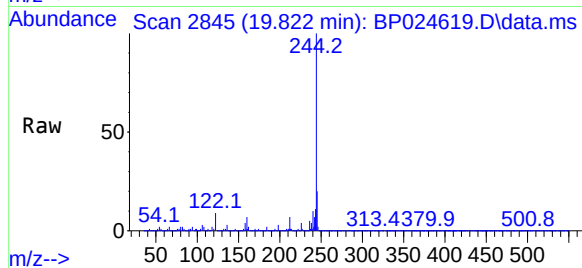




#79
Terphenyl-d14
Concen: 105.15 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

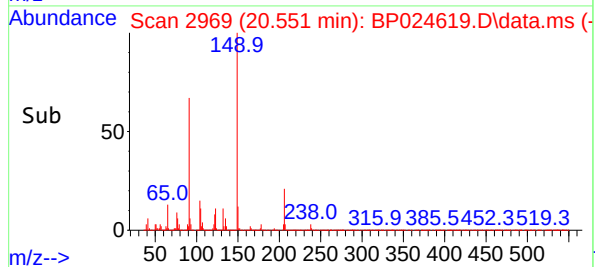
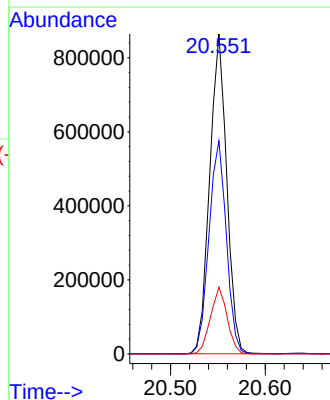
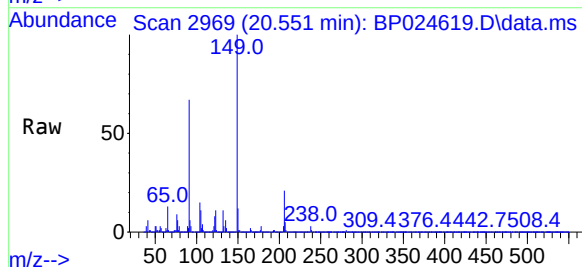
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

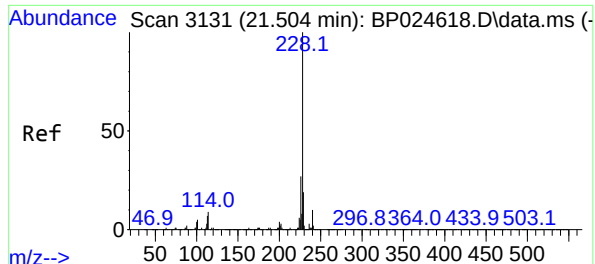
Tgt Ion:244 Resp: 4398872
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.2 7.4 11.0



#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

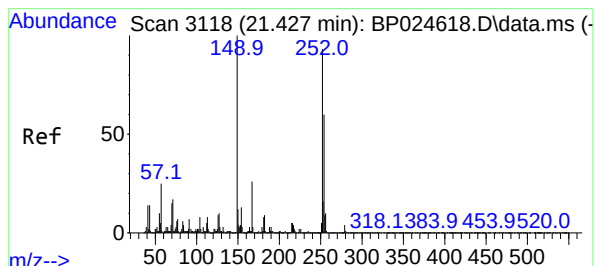
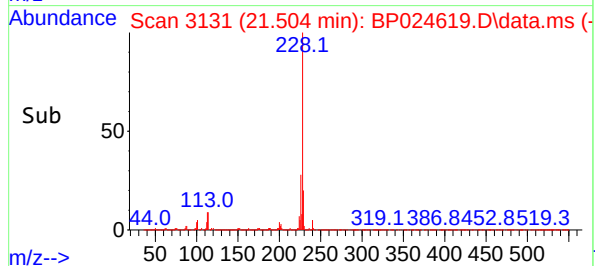
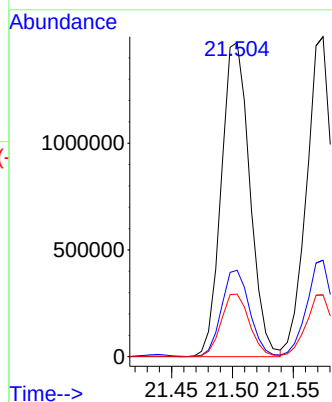
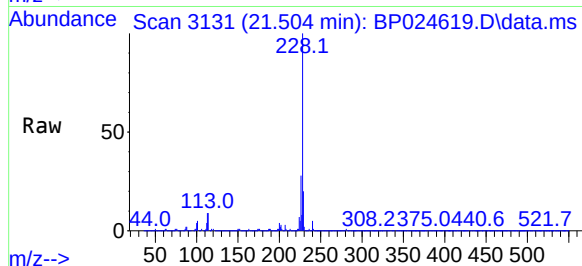




#81
Benzo(a)anthracene
Concen: 53.20 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

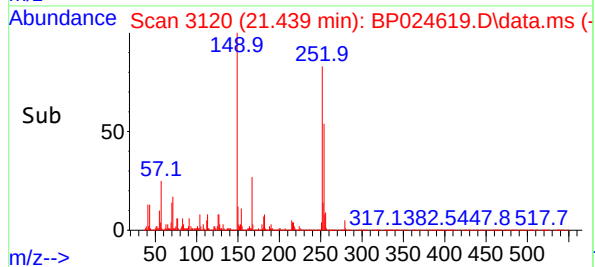
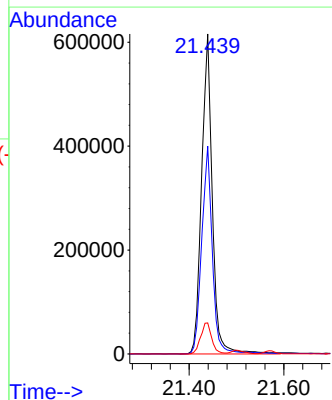
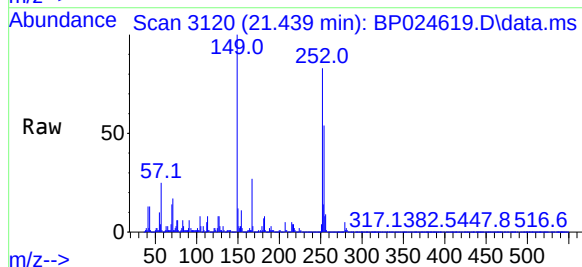
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

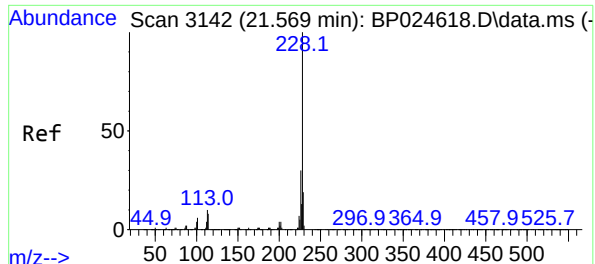
Tgt Ion:228 Resp: 2396398
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.9 15.5 23.3



#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# 31

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

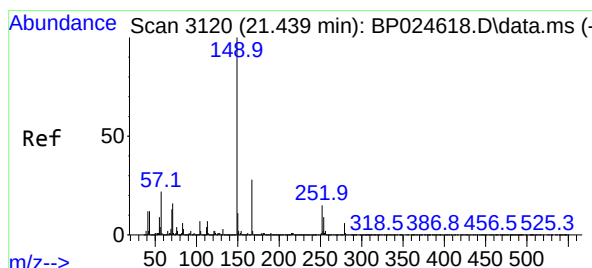
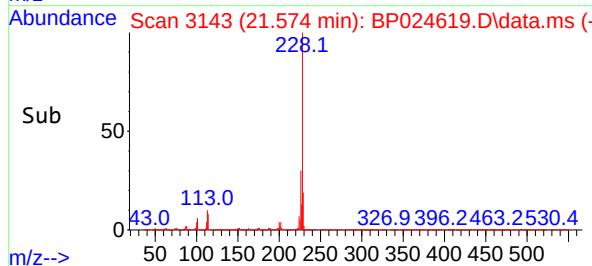
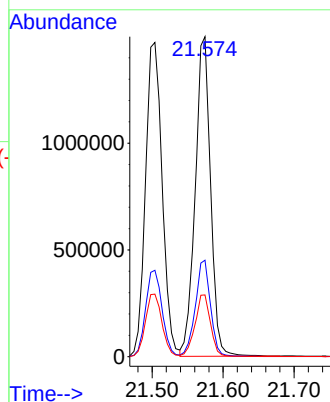
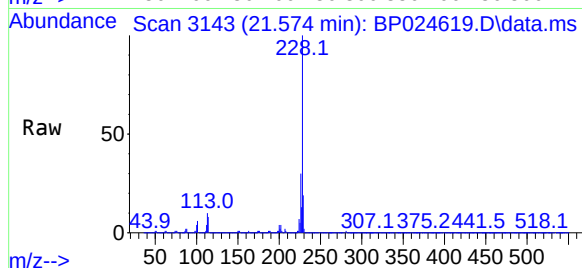
BNA_P

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

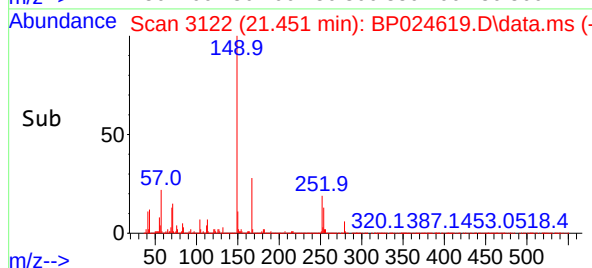
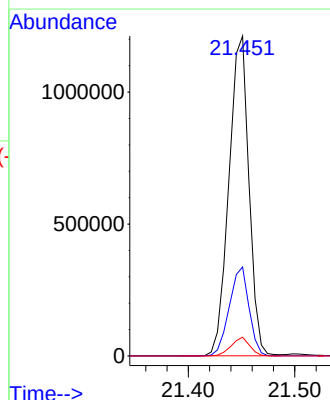
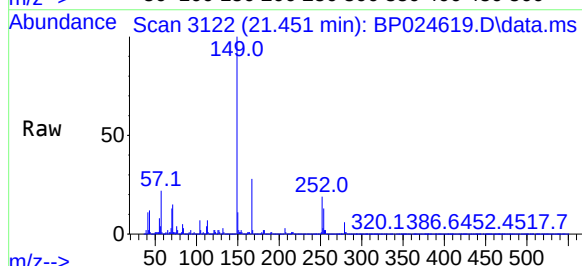
Delta R.T. 0.012 min

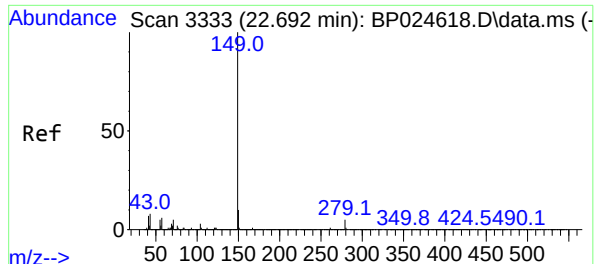
Lab File: BP024619.D

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

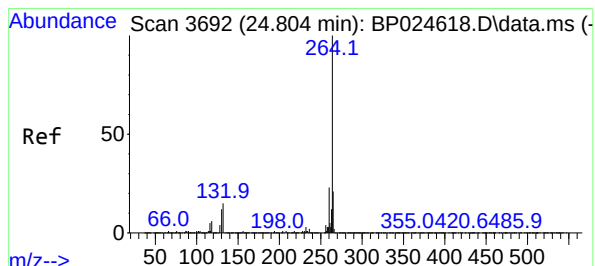
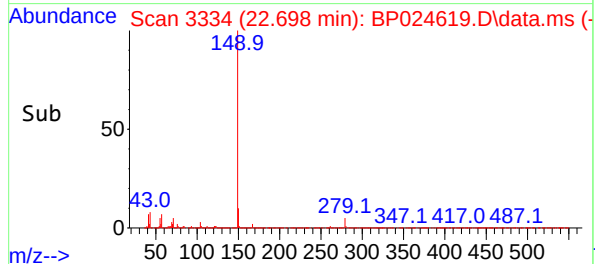
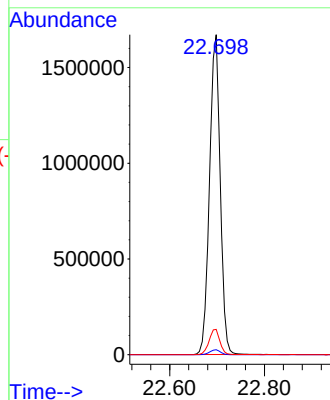
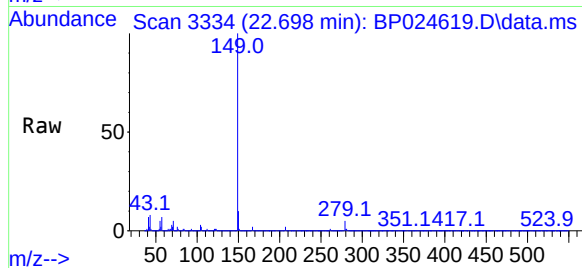




#85
Di-n-octyl phthalate
Concen: 56.91 ng
RT: 22.698 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

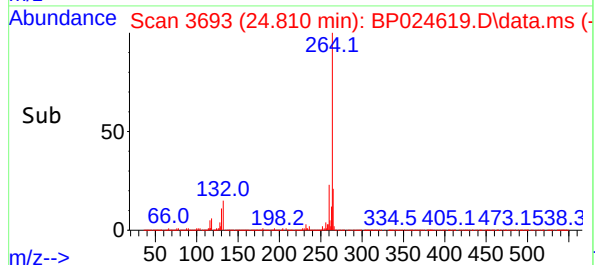
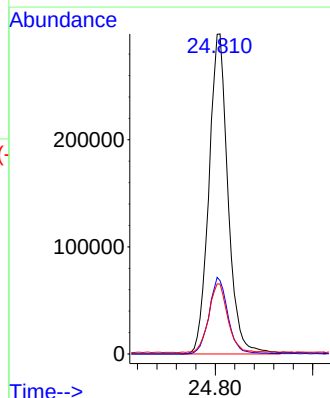
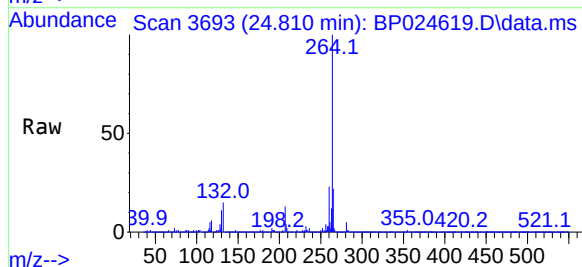
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

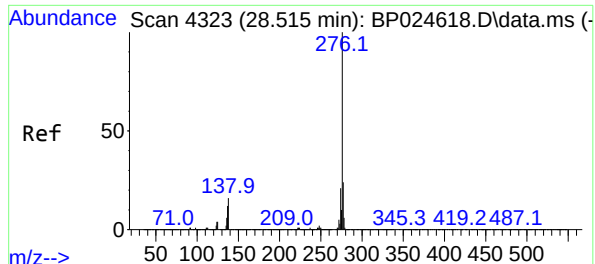
Tgt Ion:149 Resp: 2614856
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.0 6.3 9.5



#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

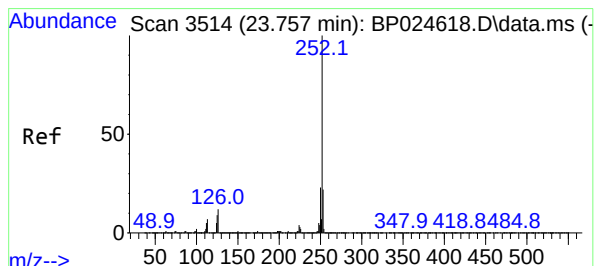
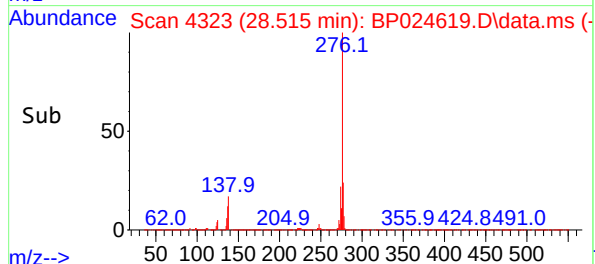
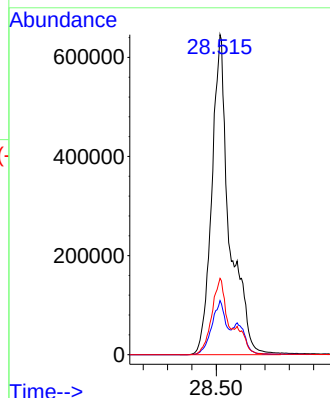
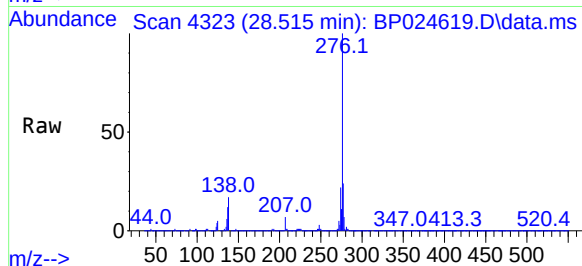




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.06 ng
RT: 28.515 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

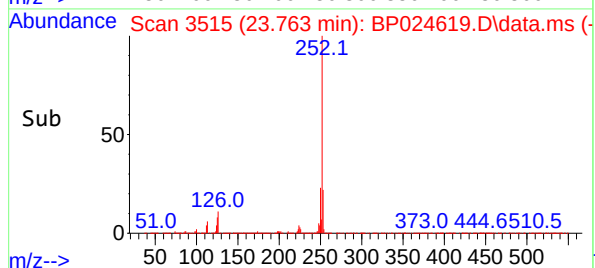
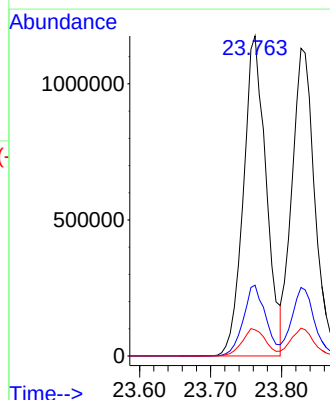
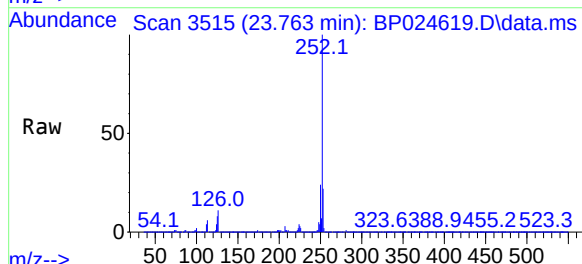
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

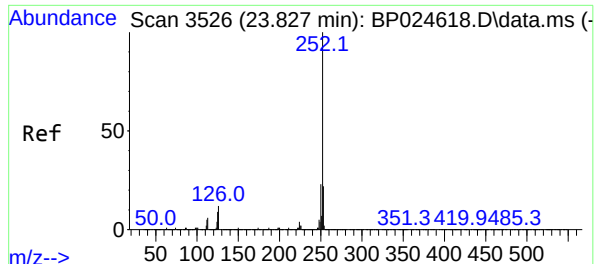
Tgt Ion:276 Resp: 3262830
Ion Ratio Lower Upper
276 100
138 13.6 11.2 16.8
277 19.3 15.7 23.5



#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 :

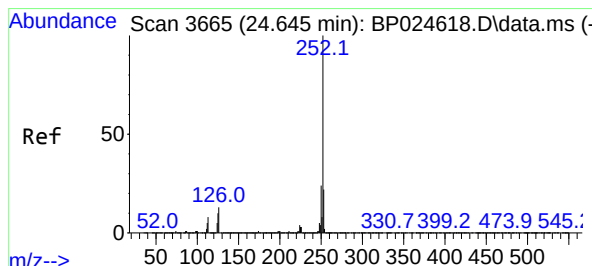
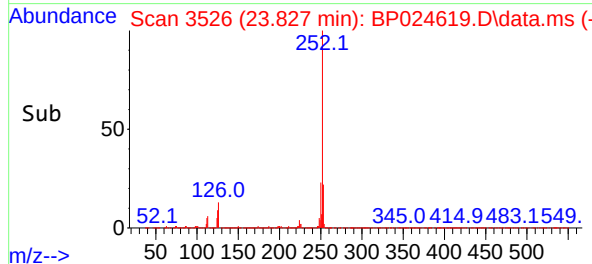
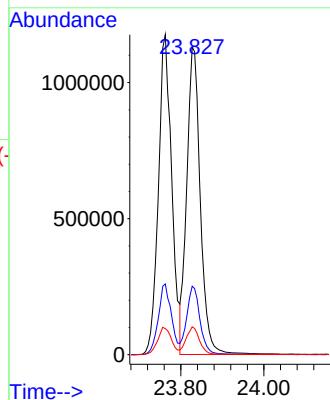
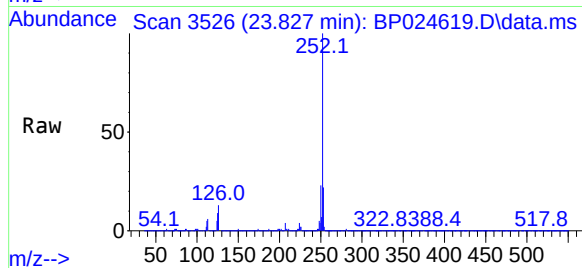
BNA_P

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

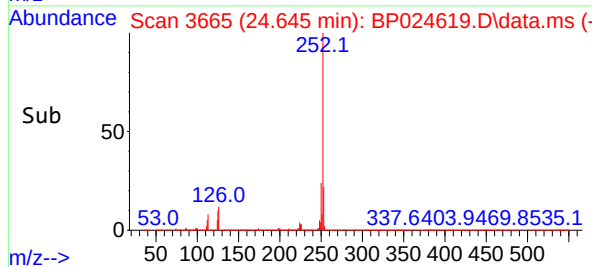
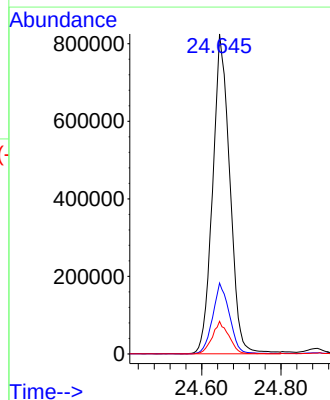
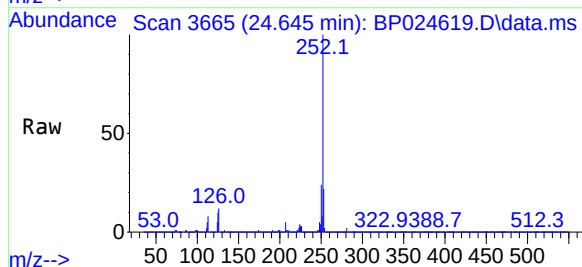
Delta R.T. 0.000 min

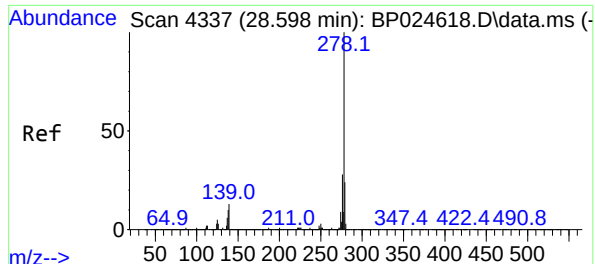
Lab File: BP024619.D

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 :

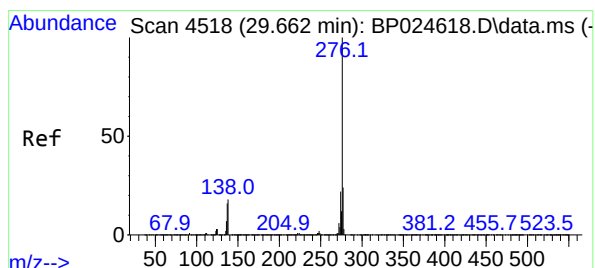
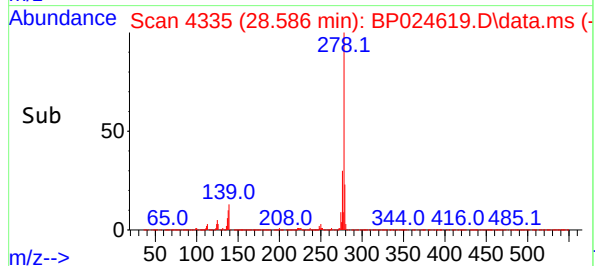
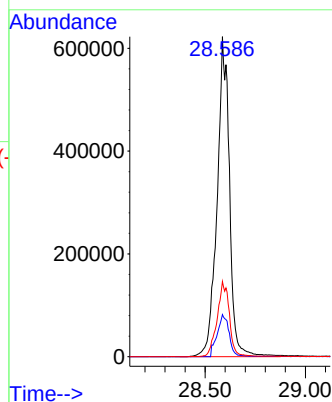
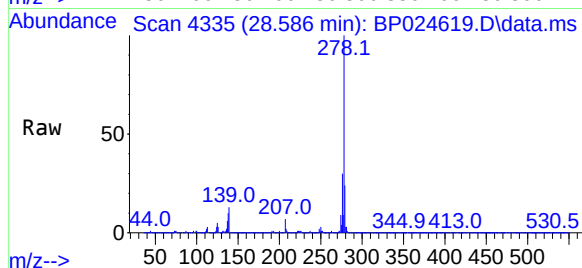
BNA_P

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

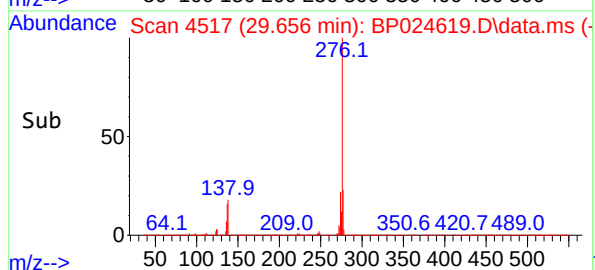
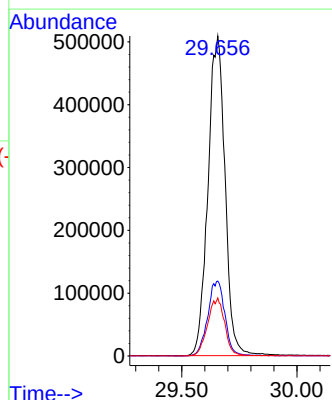
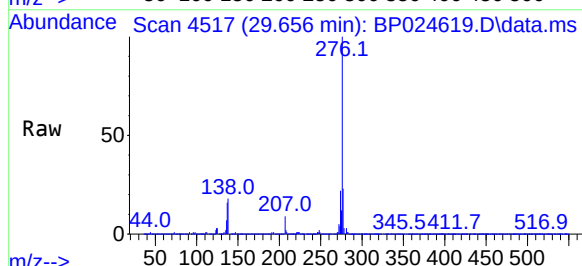
Delta R.T. -0.006 min

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

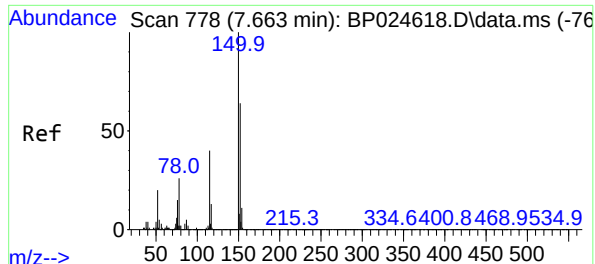
Quant Time: May 13 16:08:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

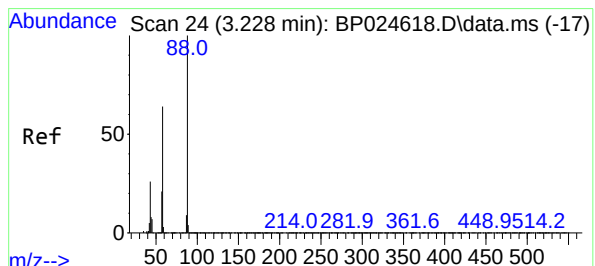
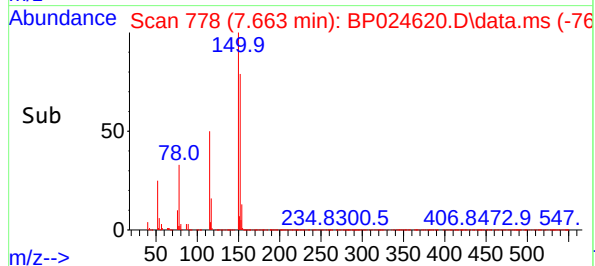
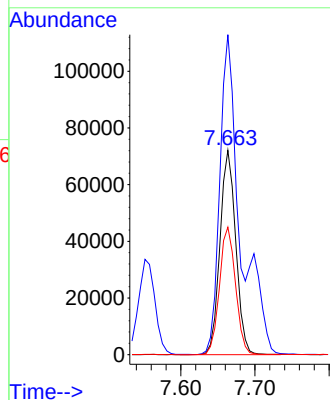
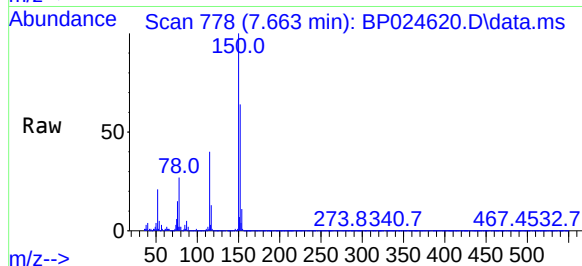
[illegible]



#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

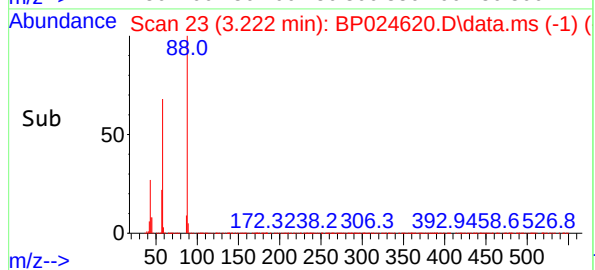
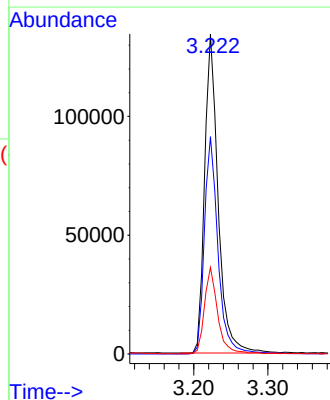
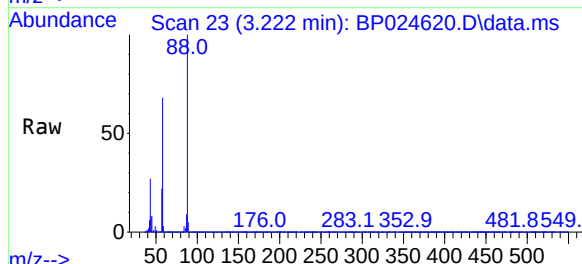
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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

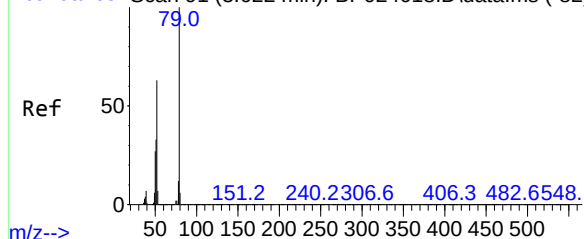


#2
1,4-Dioxane
Concen: 57.95 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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



Abundance Scan 91 (3.622 min): BP024618.D\data.ms (-82)



#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

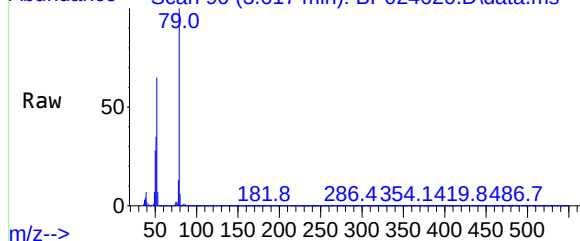
ClientSampleId :

SSTDICC060

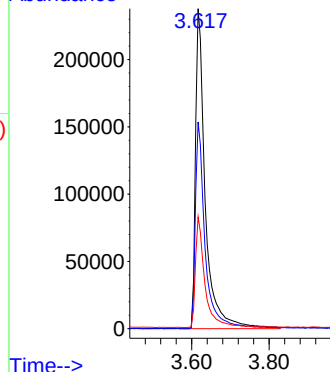
Tgt Ion: 79 Resp: 419426

Ion	Ratio	Lower	Upper
79	100		
52	64.6	50.2	75.2
51	34.9	26.8	40.2

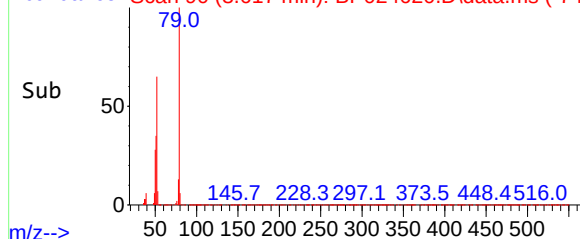
Abundance Scan 90 (3.617 min): BP024620.D\data.ms



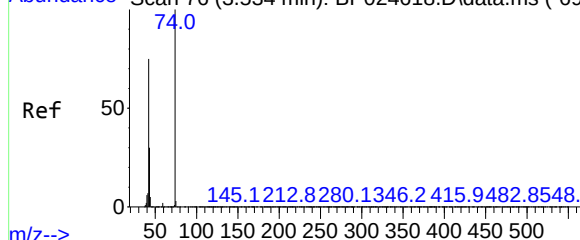
Abundance



Abundance Scan 90 (3.617 min): BP024620.D\data.ms (-74)



Abundance Scan 76 (3.534 min): BP024618.D\data.ms (-69)



#4

n-Nitrosodimethylamine

Concen: 62.22 ng

RT: 3.528 min Scan# 75

Delta R.T. -0.006 min

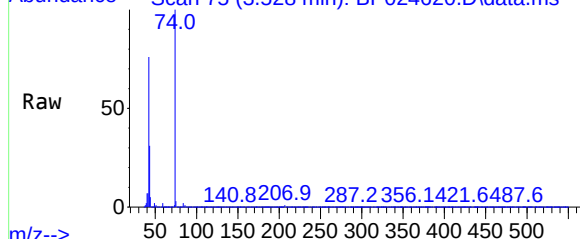
Lab File: BP024620.D

Acq: 13 May 2025 14:45

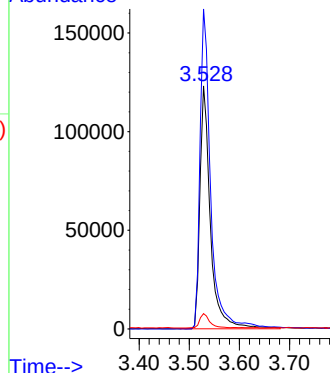
Tgt Ion: 42 Resp: 178836

Ion	Ratio	Lower	Upper
42	100		
74	131.7	106.2	159.2
44	6.3	5.4	8.2

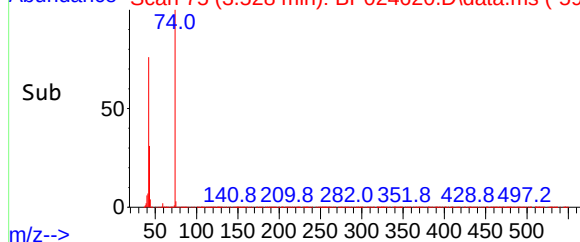
Abundance Scan 75 (3.528 min): BP024620.D\data.ms

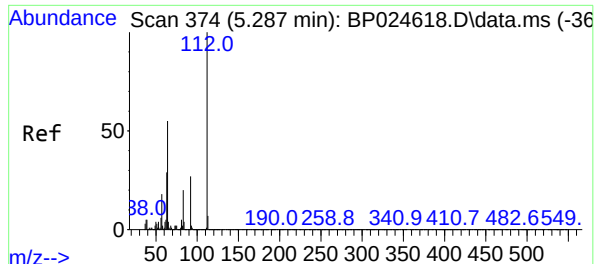


Abundance



Abundance Scan 75 (3.528 min): BP024620.D\data.ms (-59)





#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

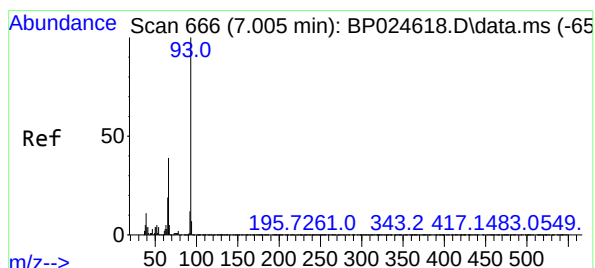
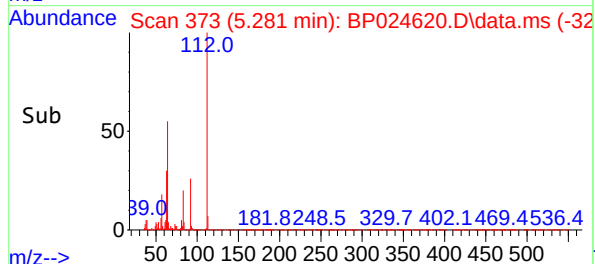
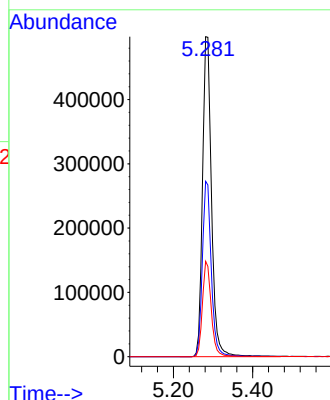
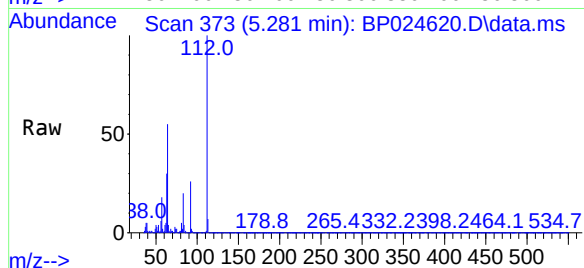
Tgt Ion:112 Resp: 784577

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

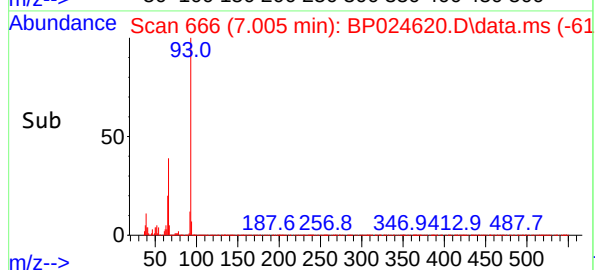
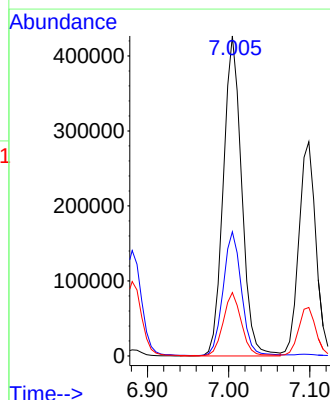
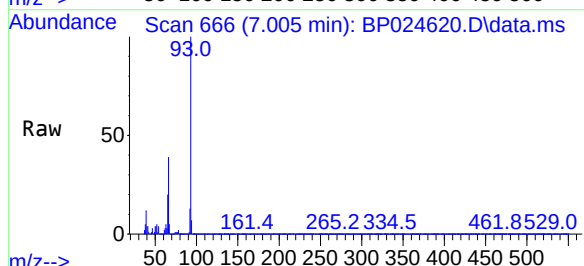
Tgt Ion: 93 Resp: 670773

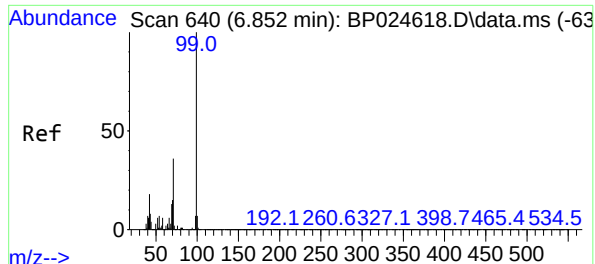
Ion Ratio Lower Upper

93 100

66 38.8 31.0 46.6

65 19.8 15.5 23.3



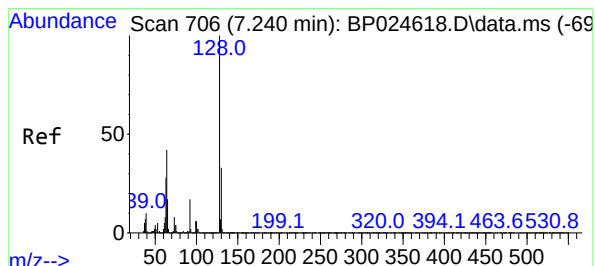
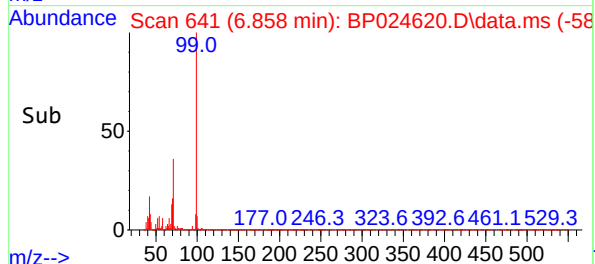
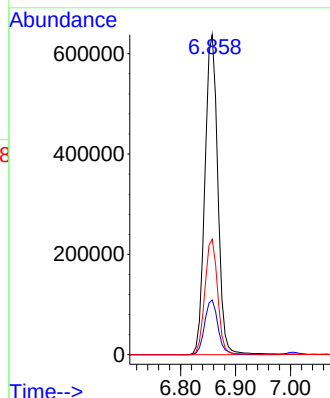
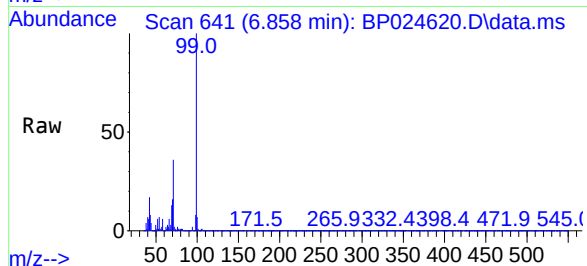


#7
Phenol-d6
Concen: 130.26 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1039562

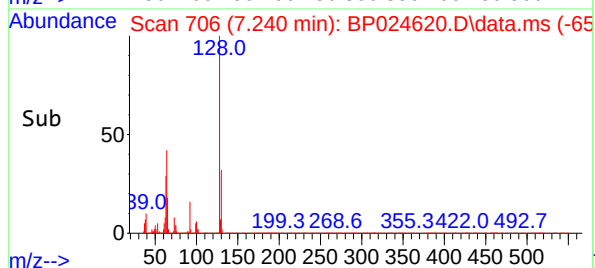
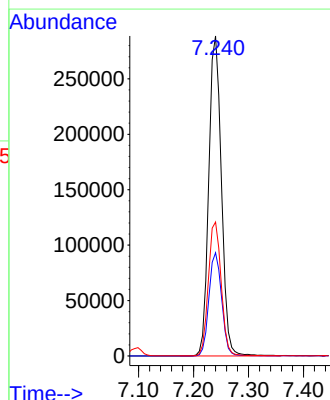
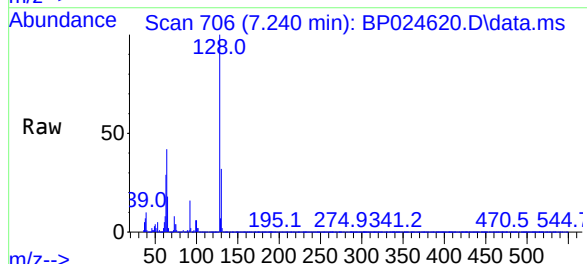
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.4	21.6
71	36.1	29.2	43.8

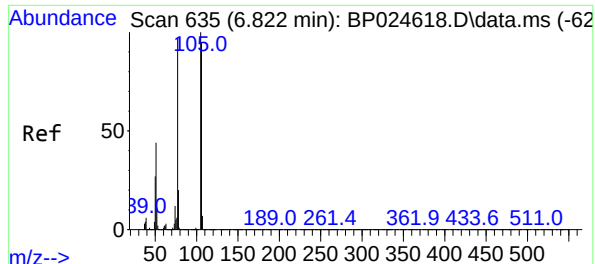


#8
2-Chlorophenol
Concen: 64.79 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

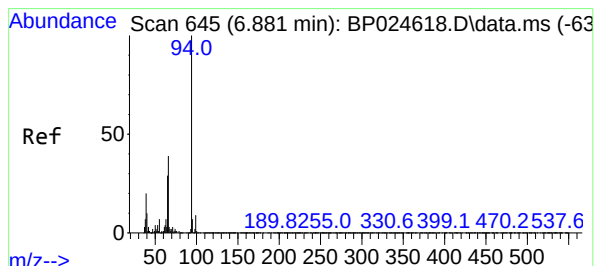
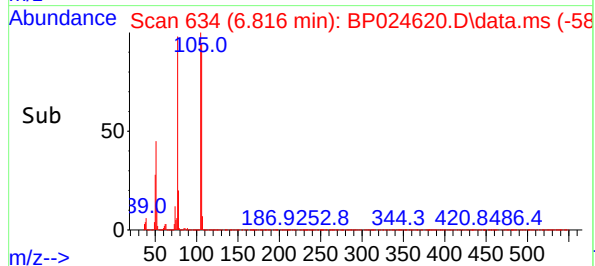
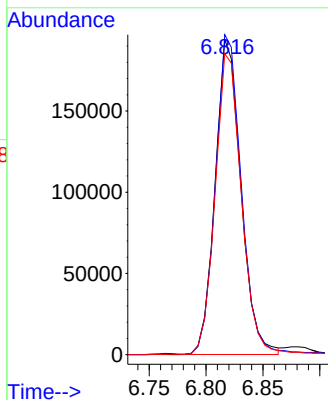
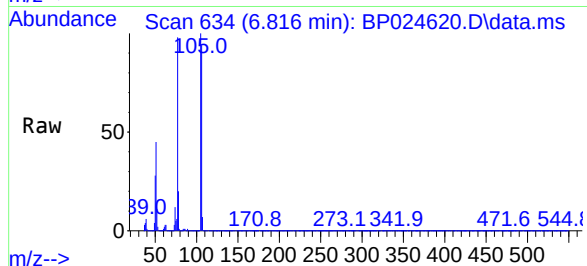




#9
Benzaldehyde
Concen: 59.33 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

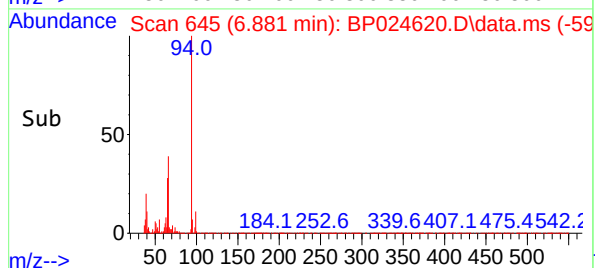
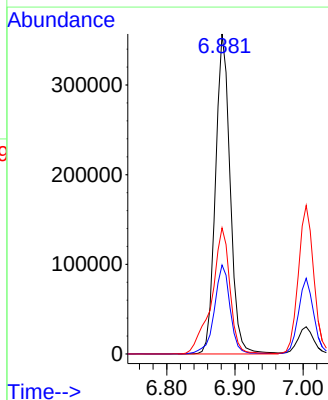
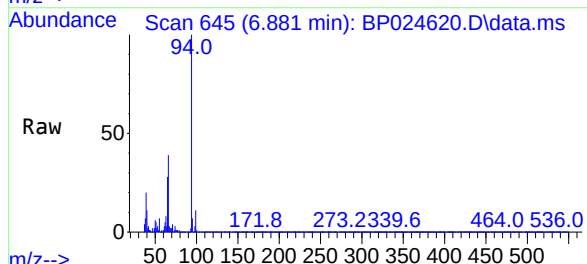
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

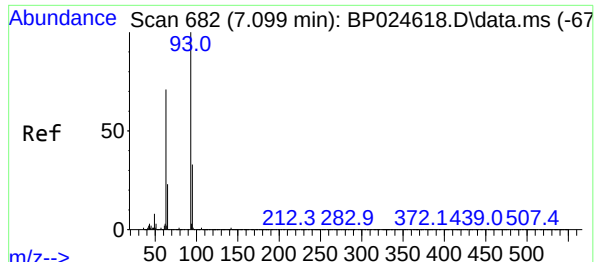
Tgt Ion: 77 Resp: 305987
Ion Ratio Lower Upper
77 100
105 101.6 83.3 123.3
106 95.5 78.0 118.0



#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 :

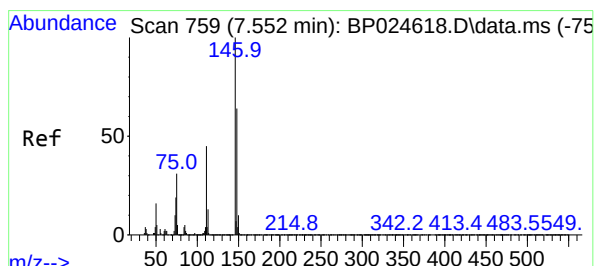
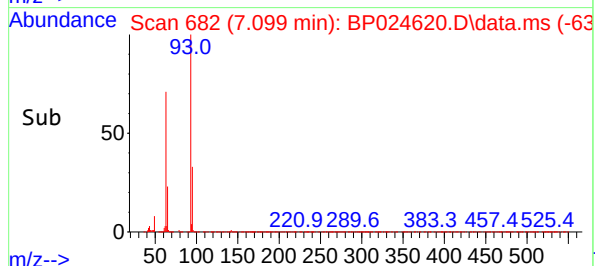
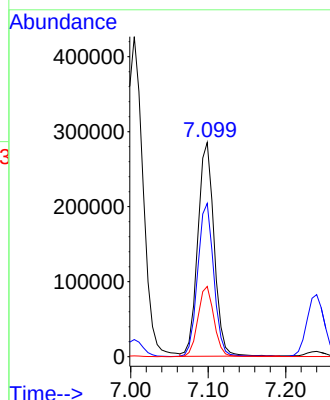
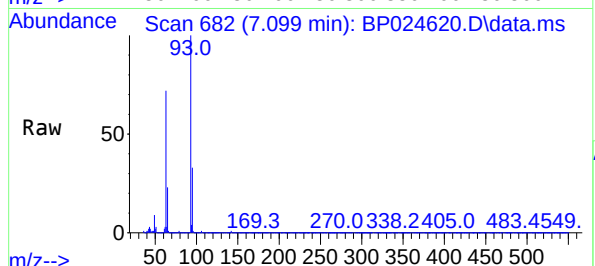
BNA_P

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

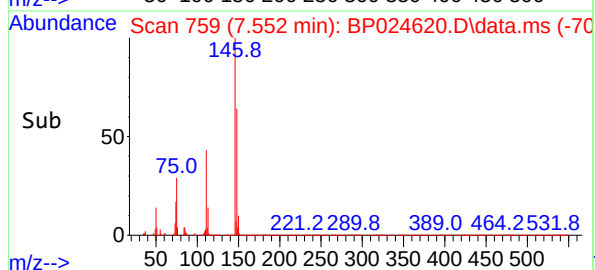
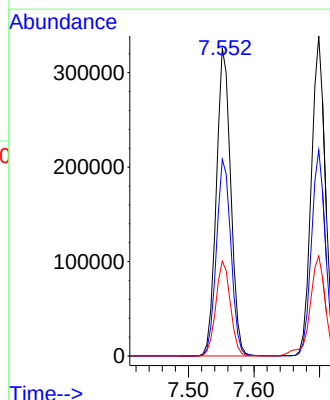
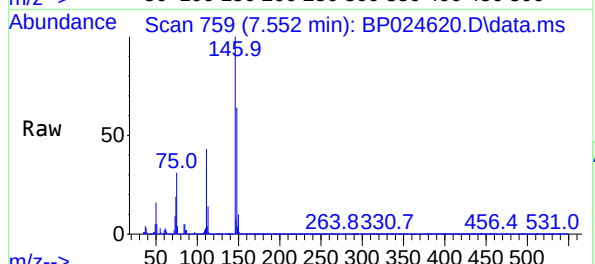
Delta R.T. -0.000 min

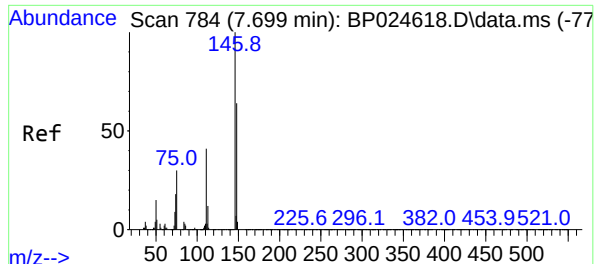
Lab File: BP024620.D

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

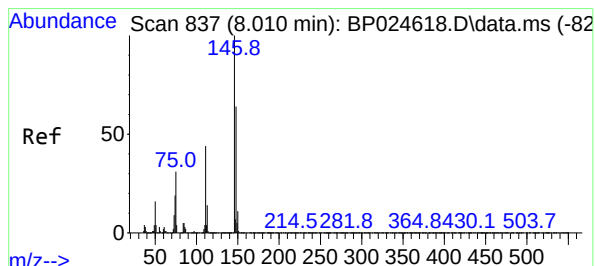
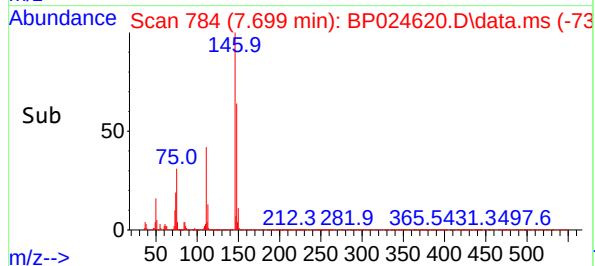
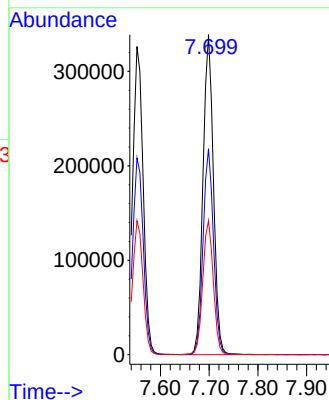
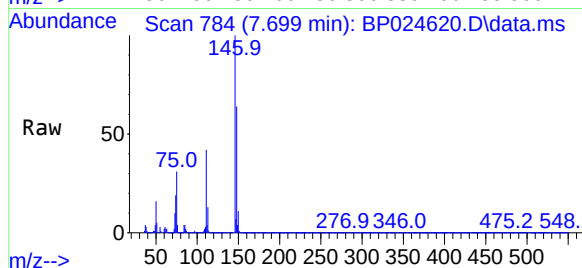
Tgt Ion:146 Resp: 502743

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

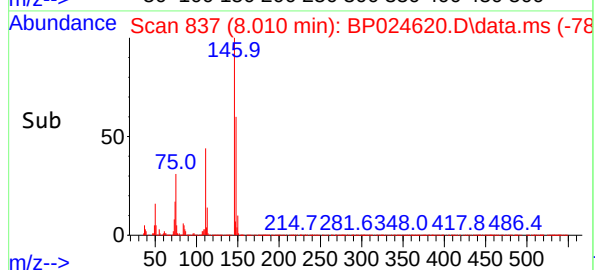
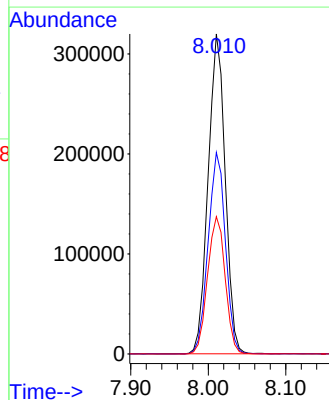
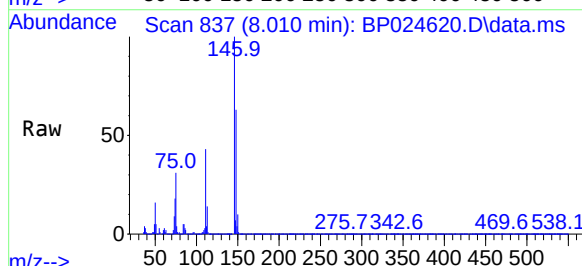
Tgt Ion:146 Resp: 490458

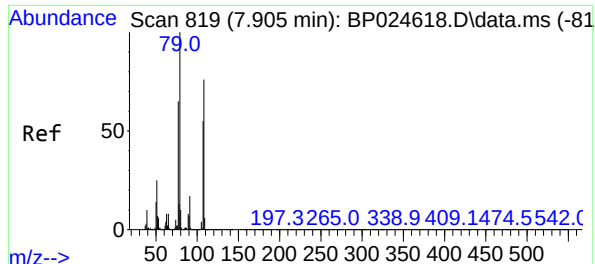
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

111 42.9 35.2 52.8





#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

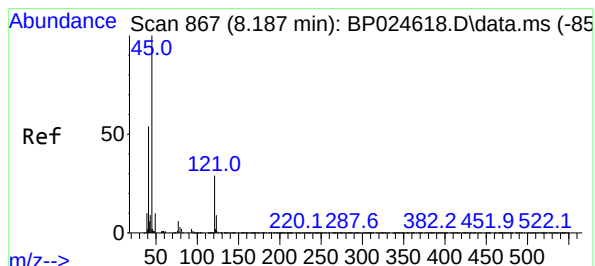
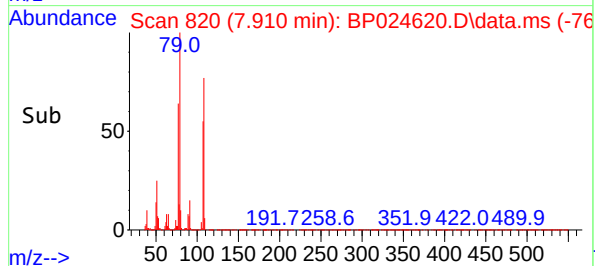
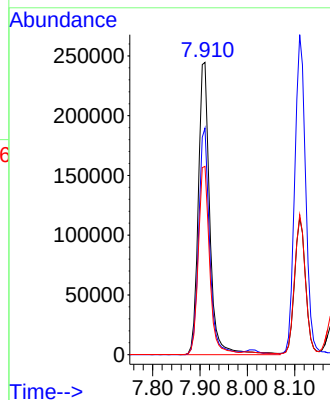
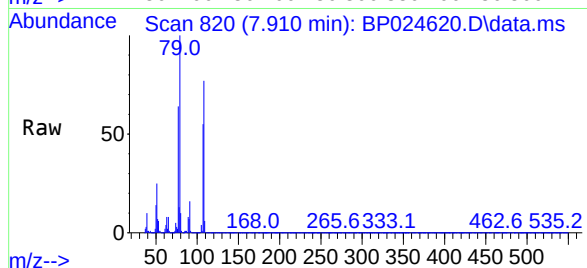
Tgt Ion: 79 Resp: 413146

Ion Ratio Lower Upper

79 100

108 77.5 60.8 91.2

77 64.4 51.9 77.9



#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

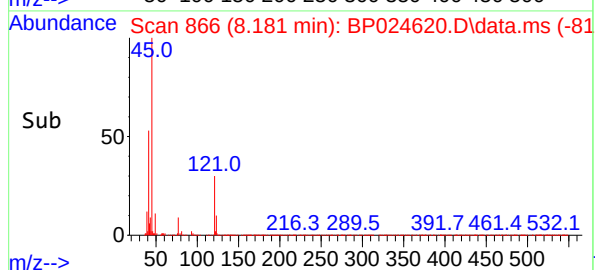
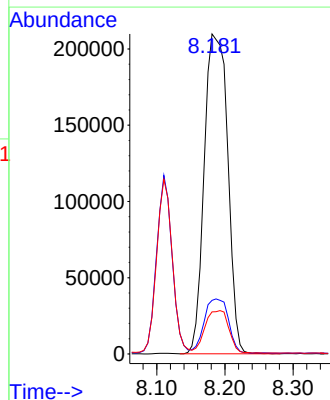
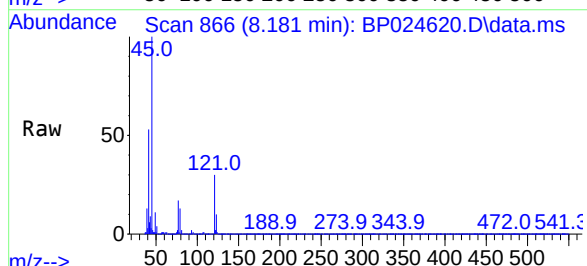
Tgt Ion: 45 Resp: 501972

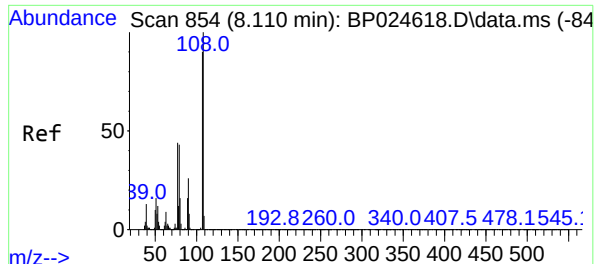
Ion Ratio Lower Upper

45 100

77 16.7 0.0 37.7

79 13.1 0.0 34.0





#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

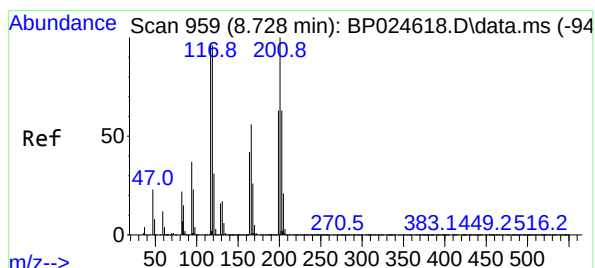
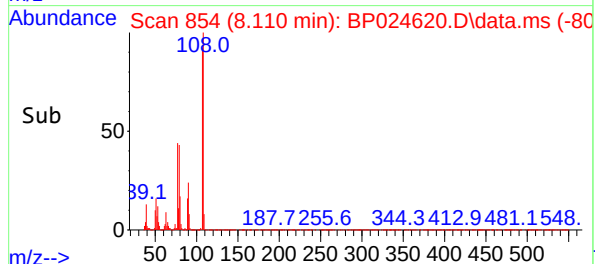
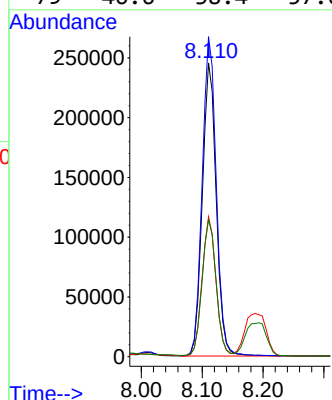
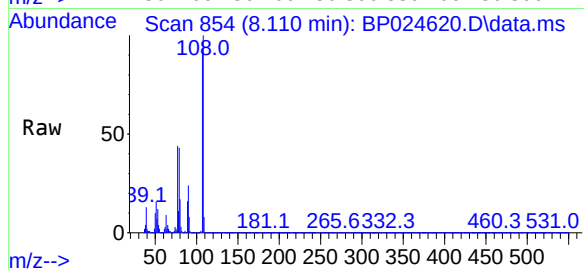
Ion Ratio Lower Upper

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

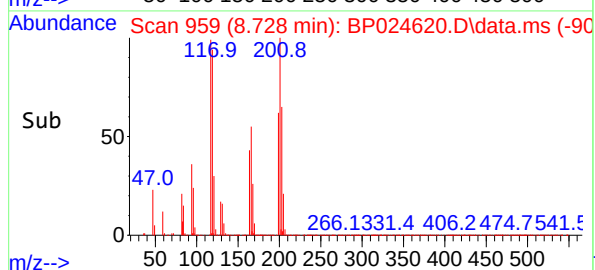
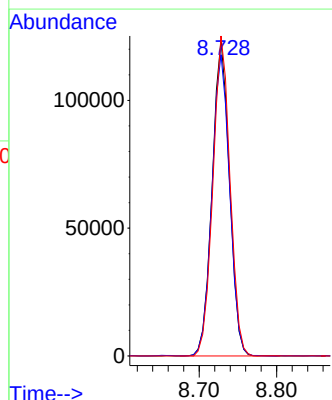
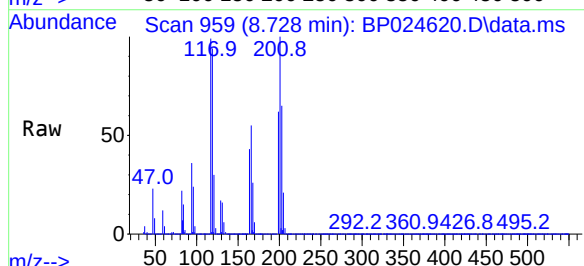
Tgt Ion:117 Resp: 191530

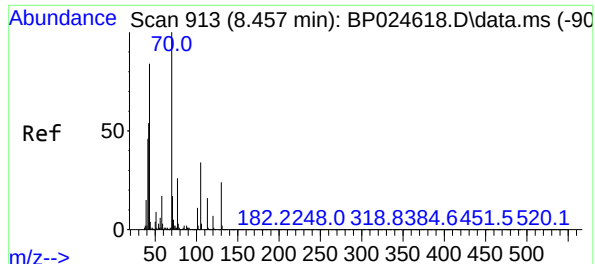
Ion Ratio Lower Upper

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

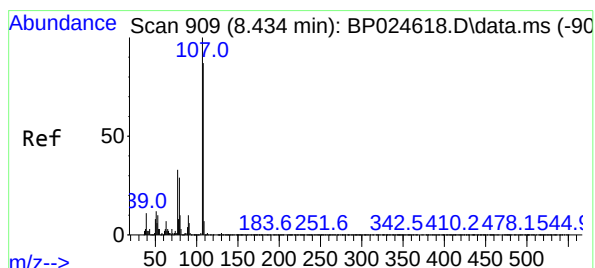
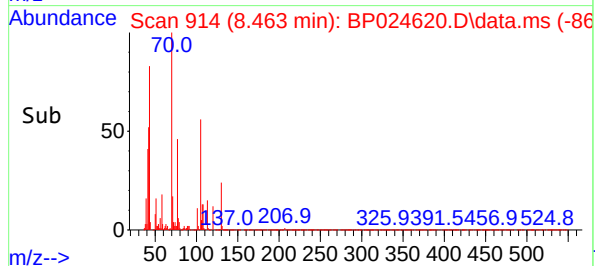
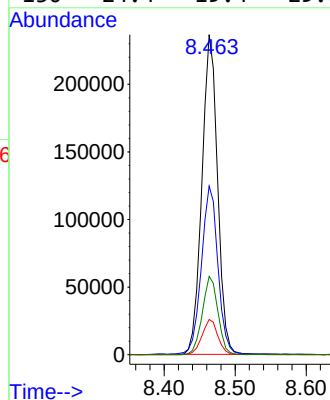
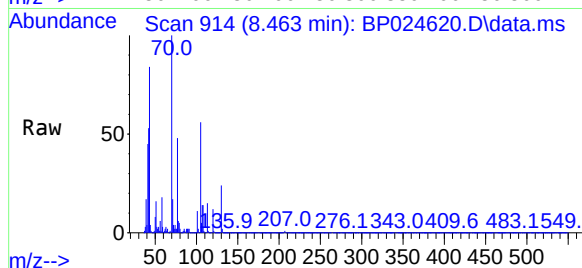
Ion Ratio Lower Upper

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

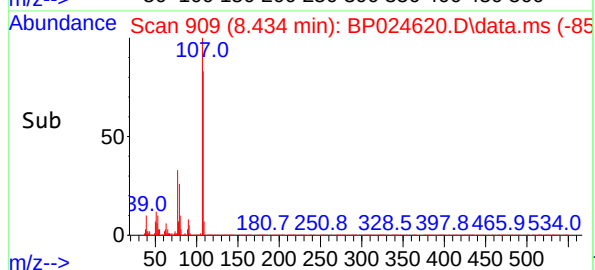
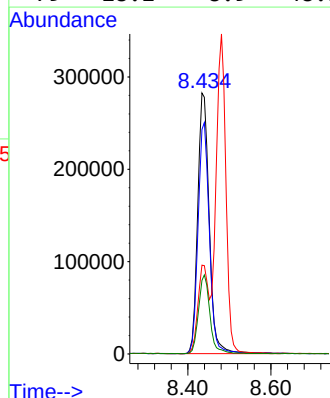
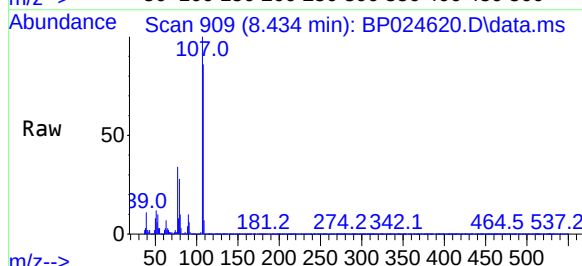
Ion Ratio Lower Upper

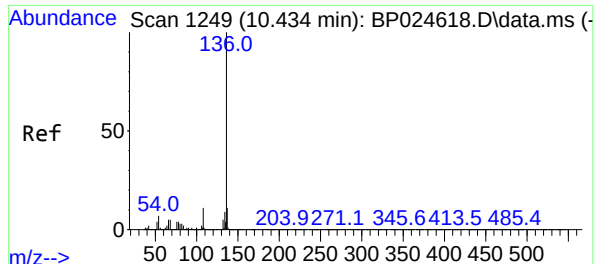
107 100

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

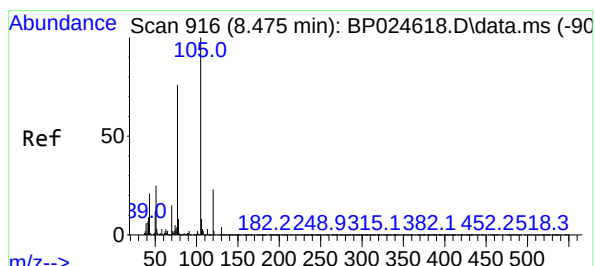
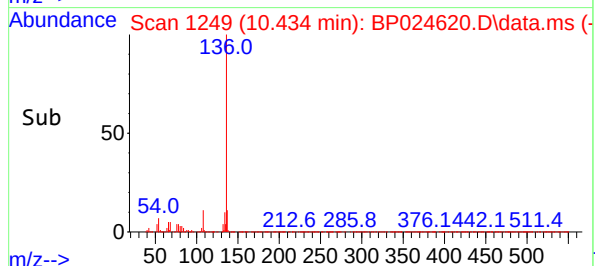
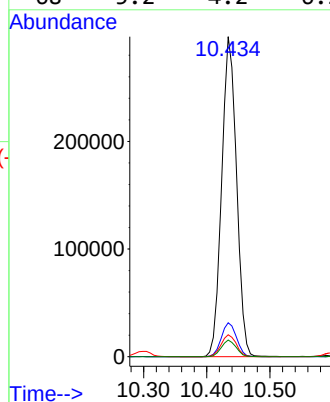
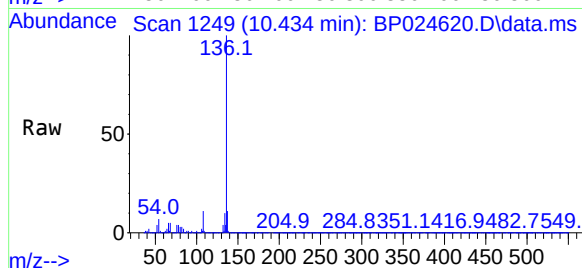
Ion Ratio Lower Upper

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

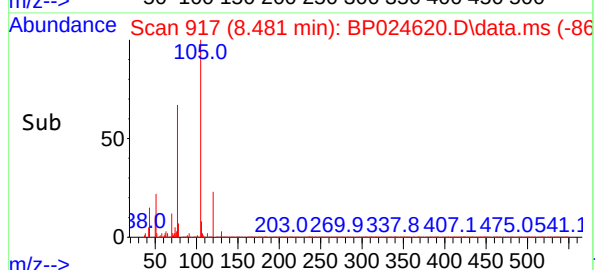
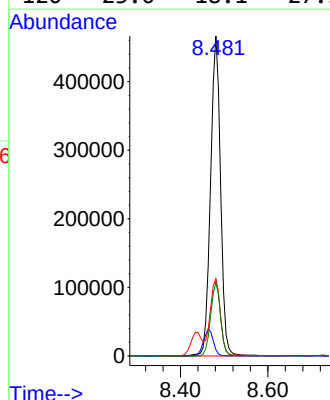
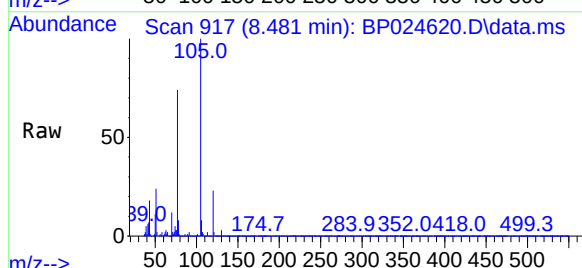
Ion Ratio Lower Upper

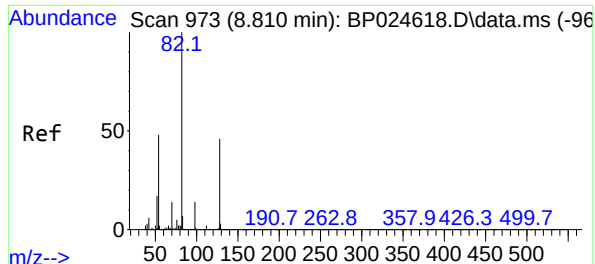
105 100

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 :

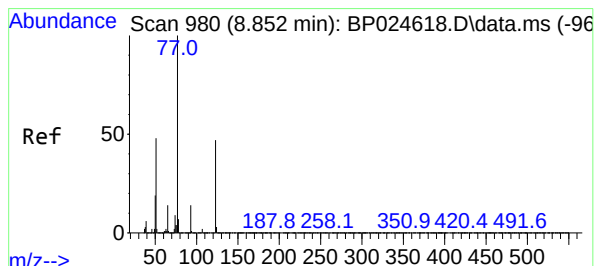
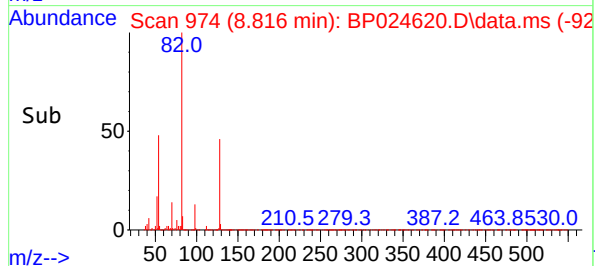
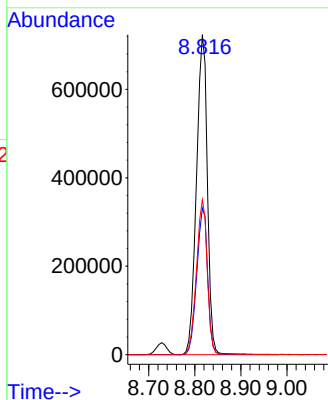
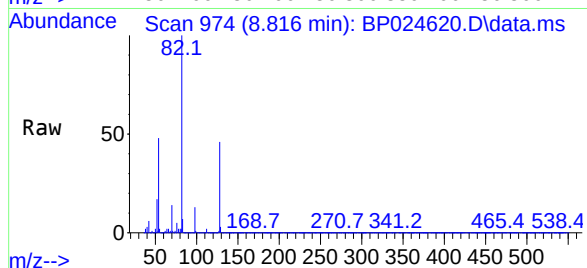
BNA_P

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

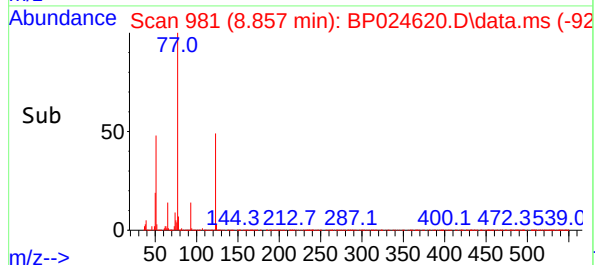
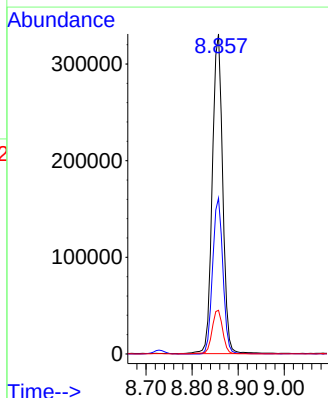
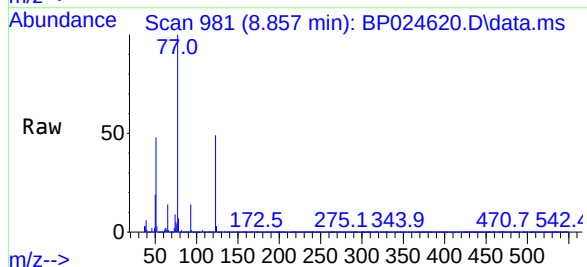
Delta R.T. 0.006 min

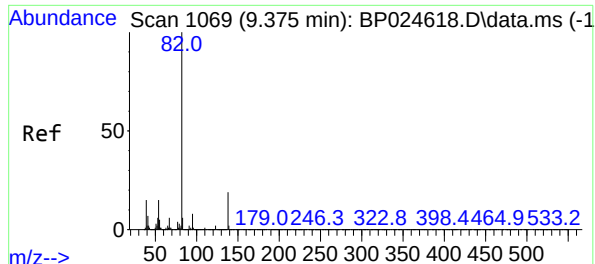
Lab File: BP024620.D

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

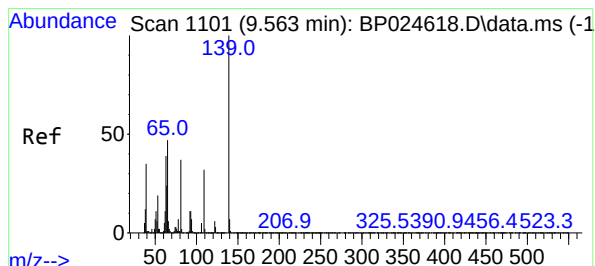
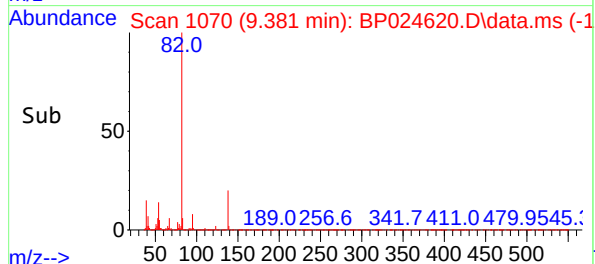
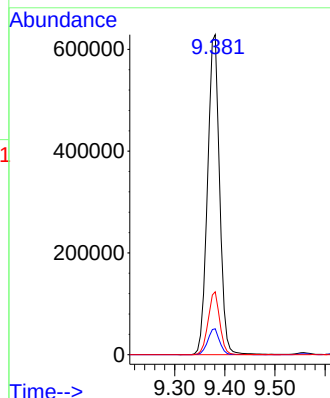
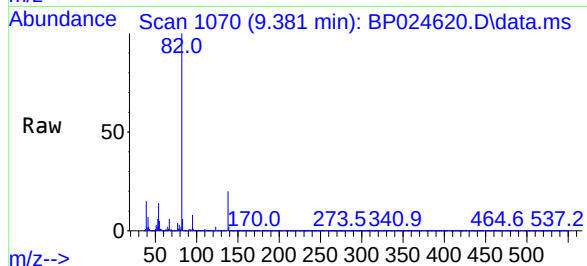




#25
Isophorone
Concen: 62.98 ng
RT: 9.381 min Scan# 1069
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

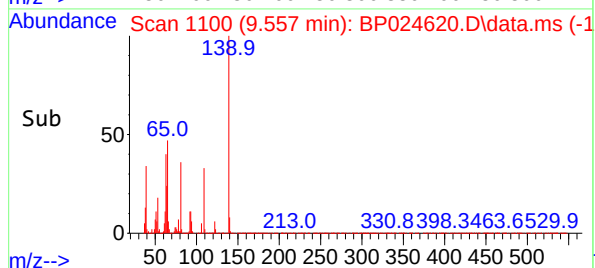
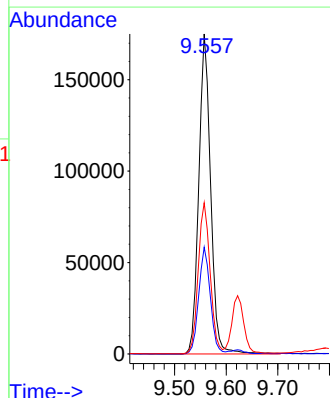
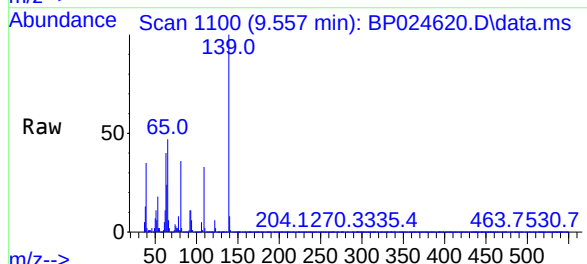
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

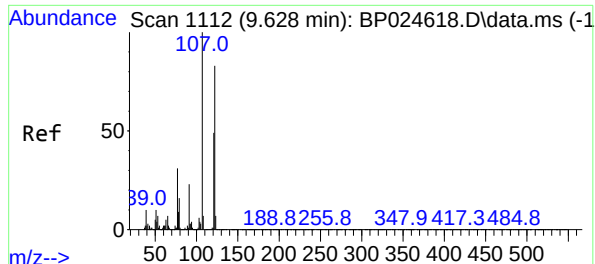
Tgt Ion: 82 Resp: 1048461
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 19.7 15.3 22.9



#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

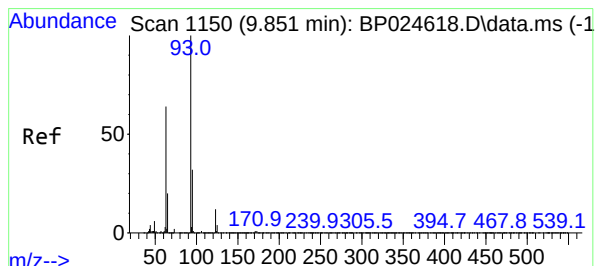
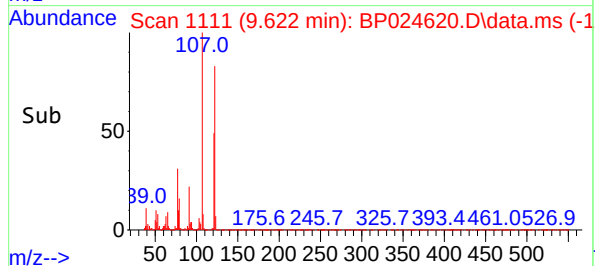
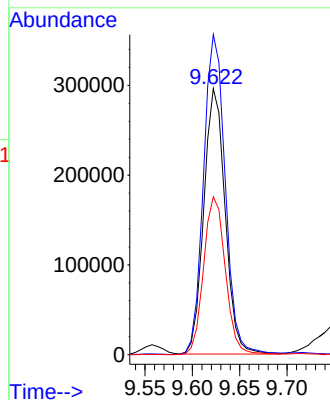
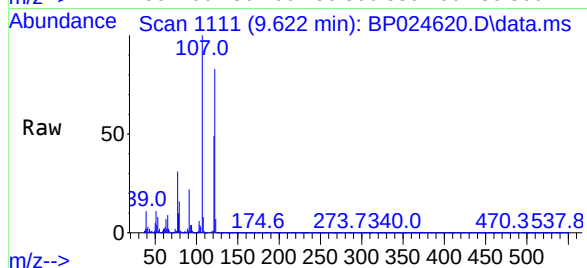
Tgt Ion:122 Resp: 462148

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

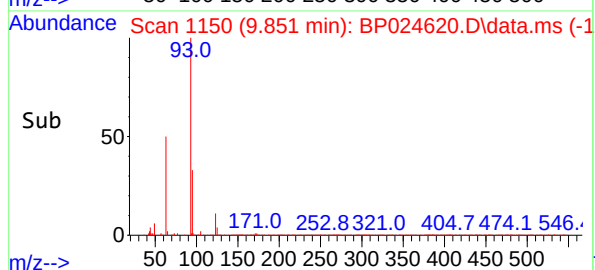
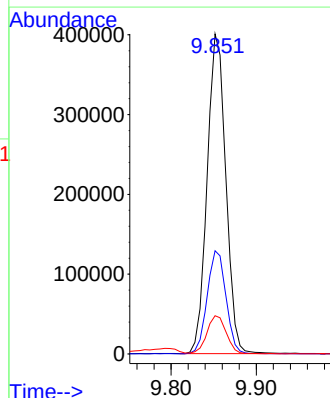
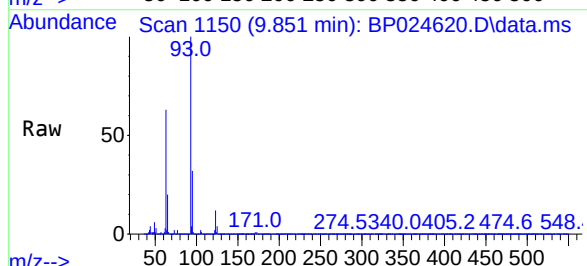
Tgt Ion: 93 Resp: 610221

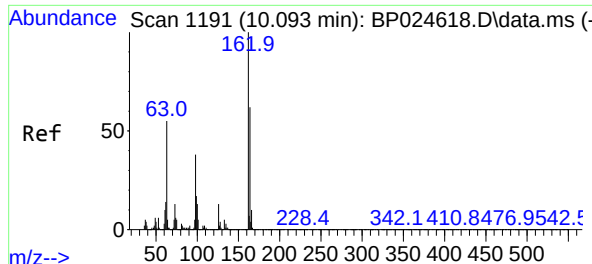
Ion Ratio Lower Upper

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

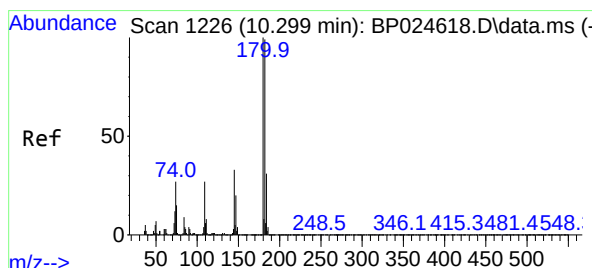
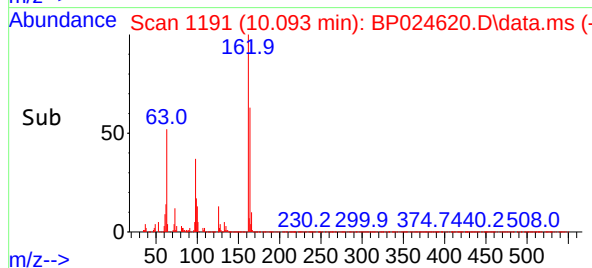
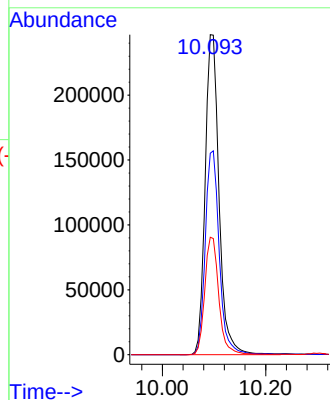
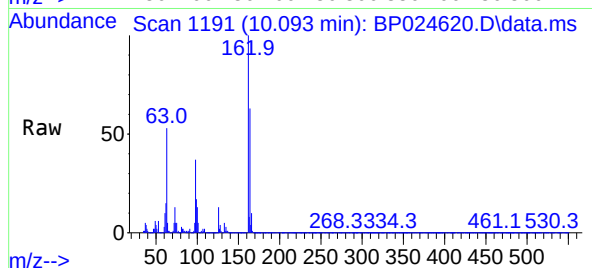
Tgt Ion:162 Resp: 459806

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

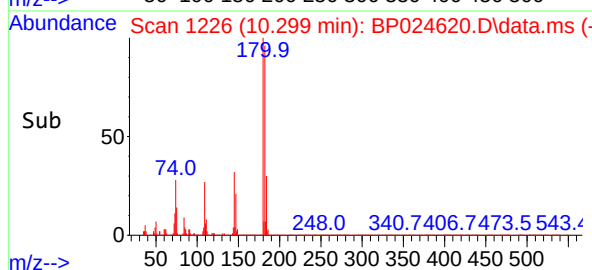
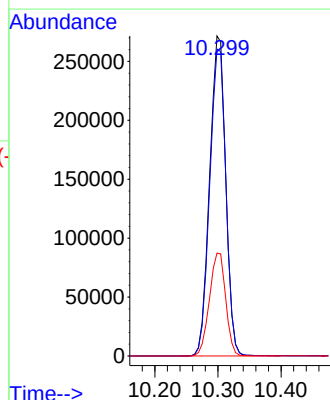
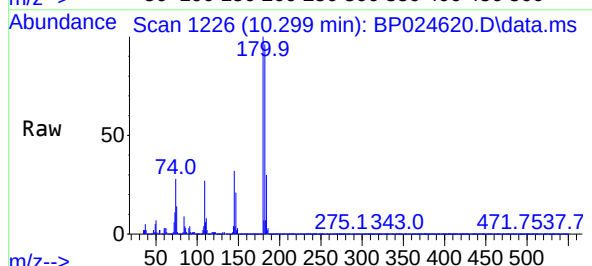
Tgt Ion:180 Resp: 478505

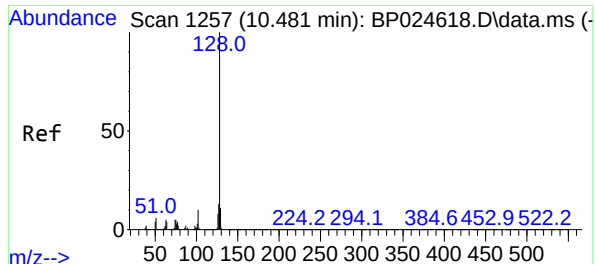
Ion Ratio Lower Upper

180 100

182 95.9 79.0 118.4

145 32.2 26.6 39.8

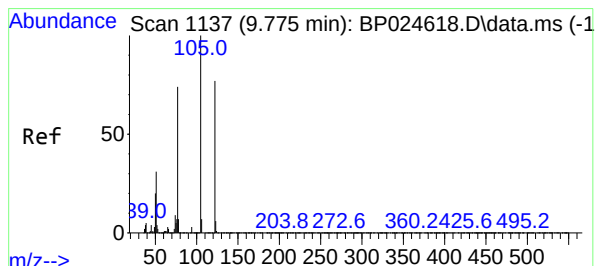
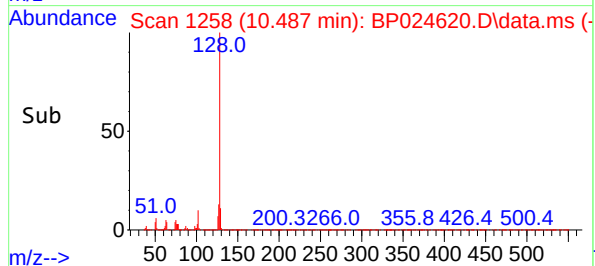
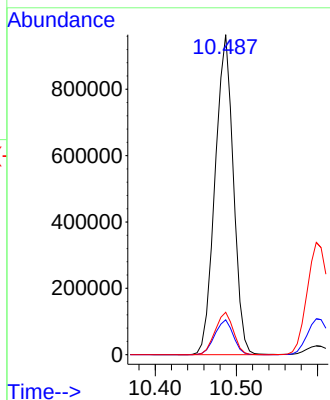
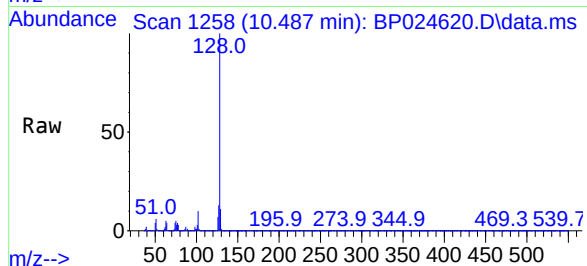




#31
Naphthalene
Concen: 60.03 ng
RT: 10.487 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

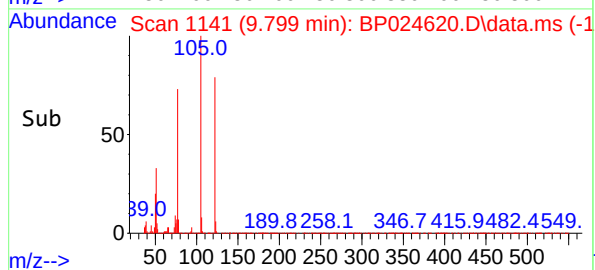
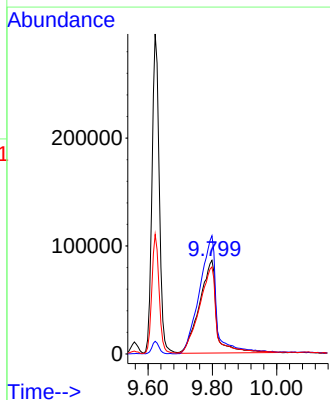
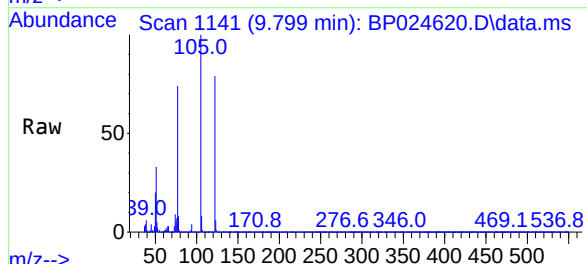
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

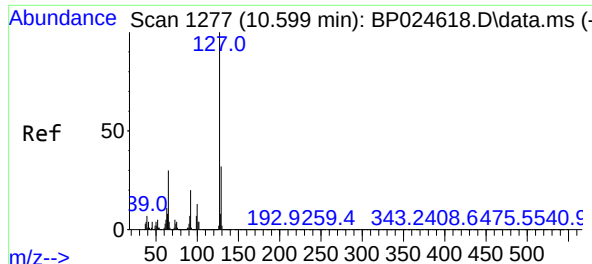
Tgt Ion:128 Resp: 1508460
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.7 16.1



#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

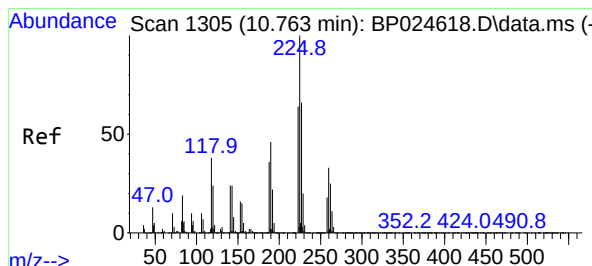
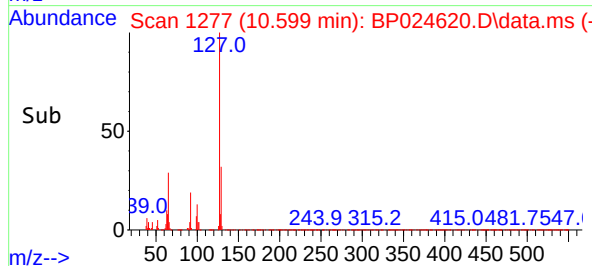
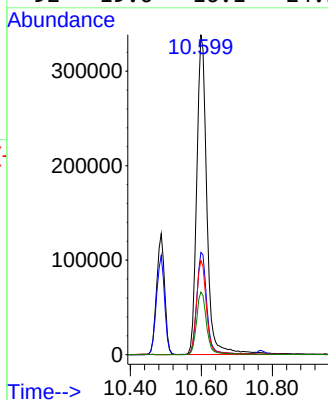
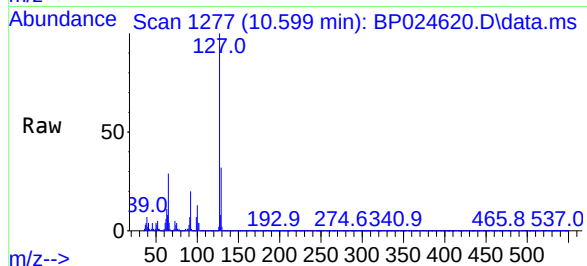




#33
4-Chloroaniline
Concen: 66.26 ng
RT: 10.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

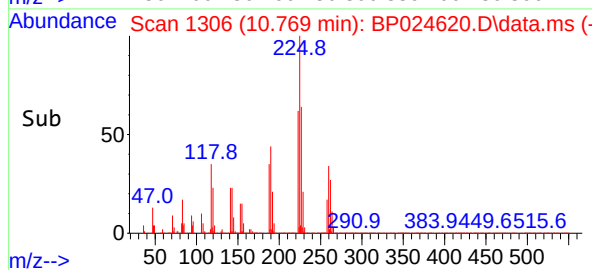
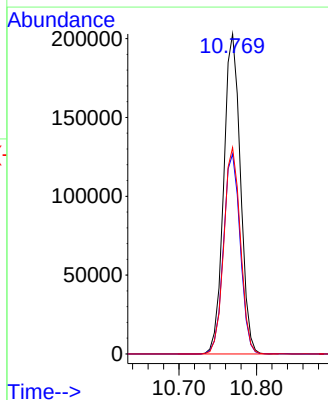
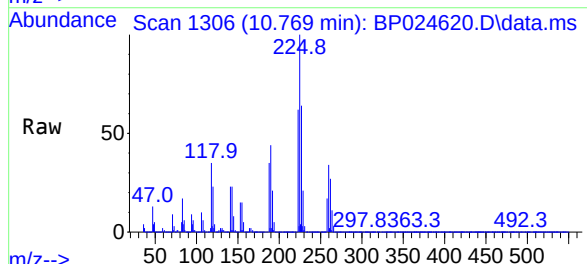
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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

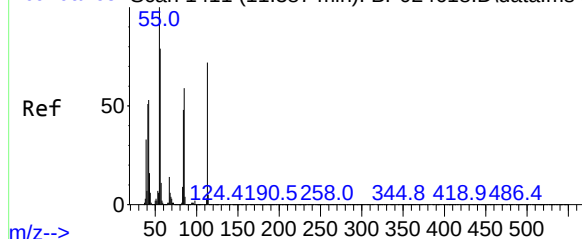


#34
Hexachlorobutadiene
Concen: 58.79 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

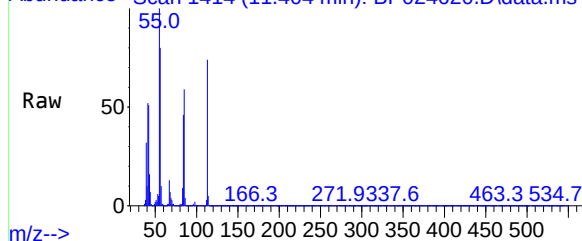
Ion Ratio Lower Upper

113 100

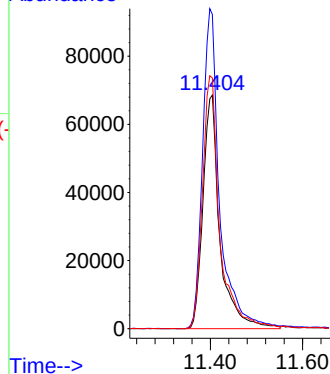
55 134.5 119.0 159.0

56 107.3 90.3 130.3

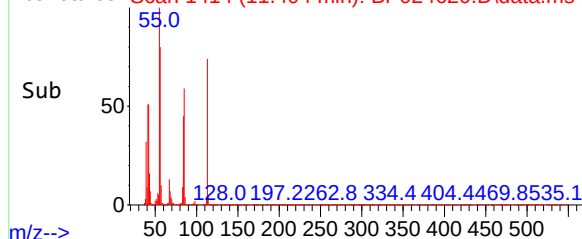
Abundance Scan 1414 (11.404 min): BP024620.D\data.ms



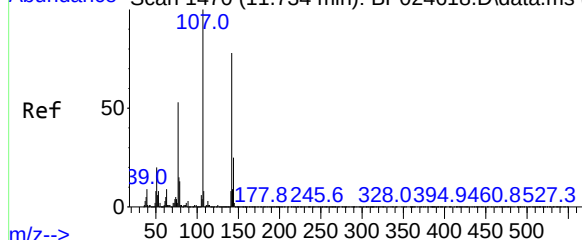
Abundance



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

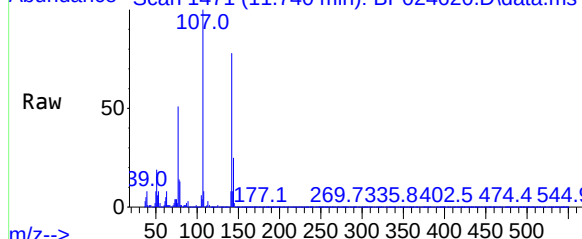
Ion Ratio Lower Upper

107 100

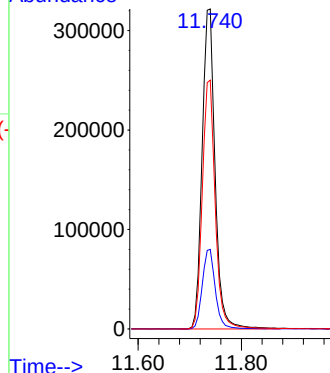
144 24.9 20.1 30.1

142 77.8 62.1 93.1

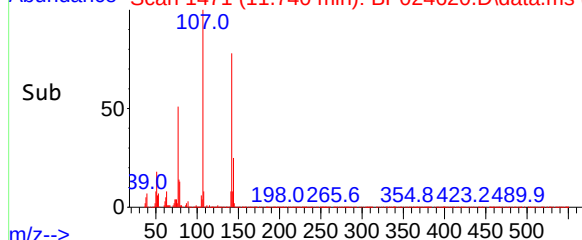
Abundance Scan 1471 (11.740 min): BP024620.D\data.ms

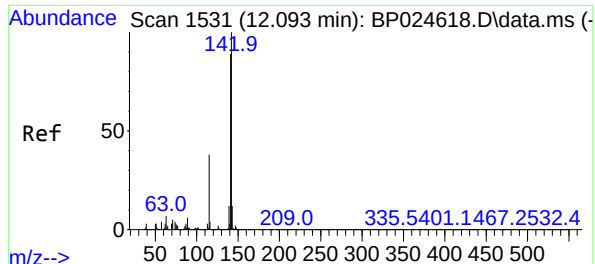


Abundance



Abundance Scan 1471 (11.740 min): BP024620.D\data.ms (-

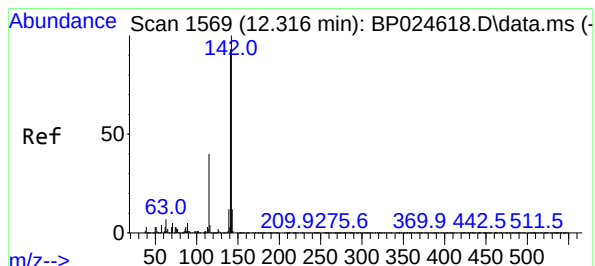
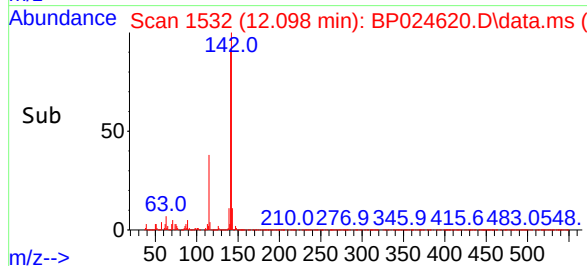
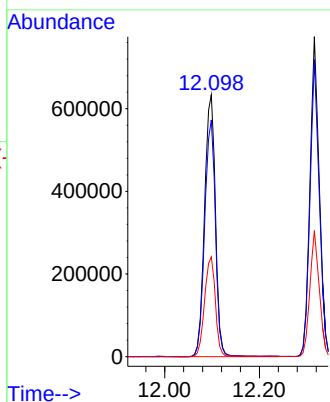
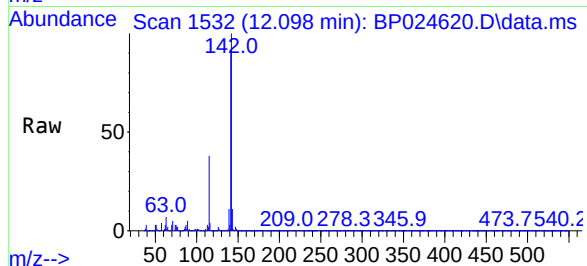




#37
2-Methylnaphthalene
Concen: 61.96 ng
RT: 12.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

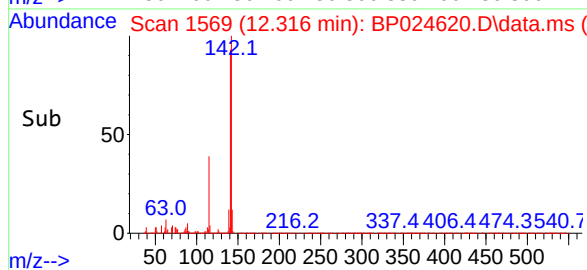
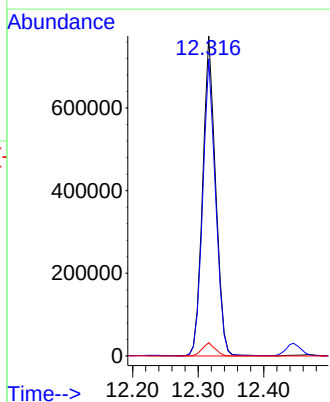
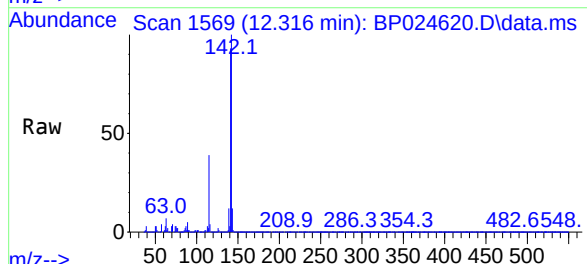
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

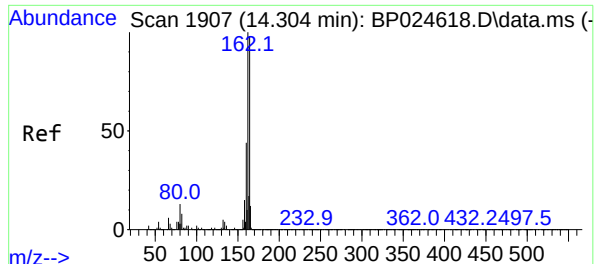
Tgt Ion:142 Resp: 1008171
Ion Ratio Lower Upper
142 100
141 90.4 71.2 106.8
115 38.1 30.6 46.0



#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

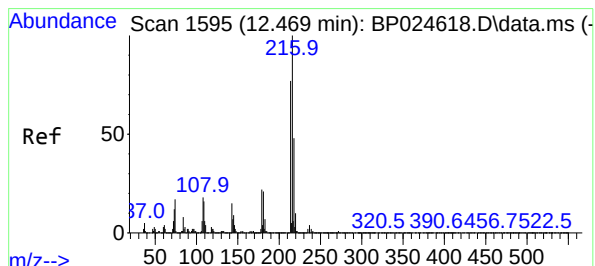
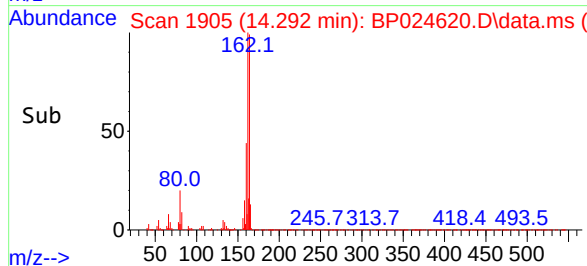
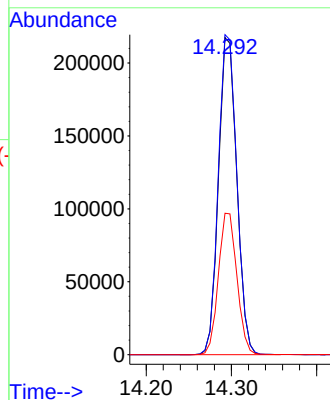
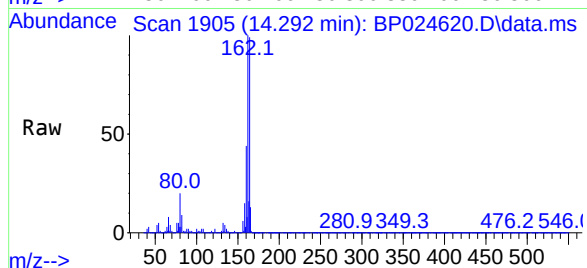
Tgt Ion:164 Resp: 325327

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

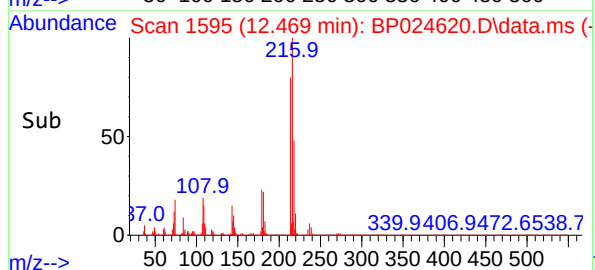
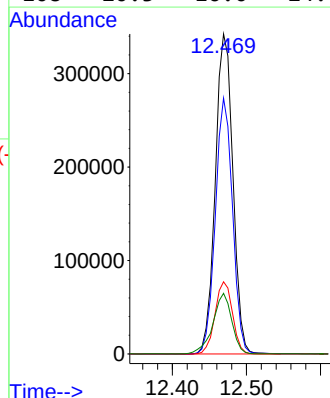
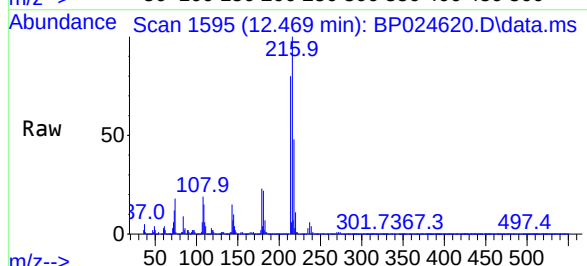
Ion Ratio Lower Upper

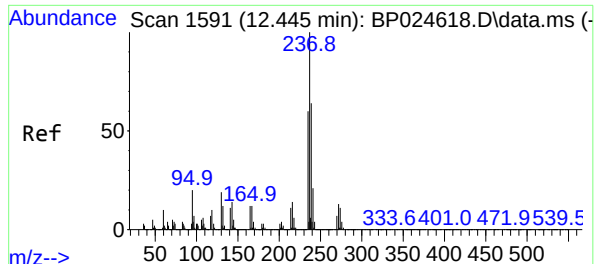
216 100

214 78.2 62.3 93.5

179 22.4 17.7 26.5

108 20.3 16.0 24.0

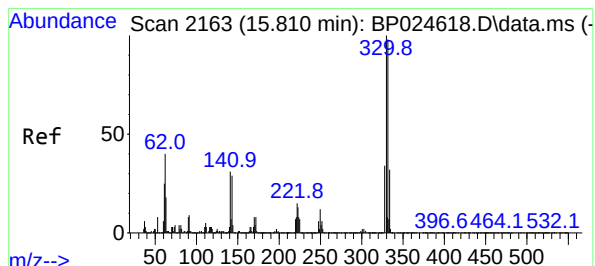
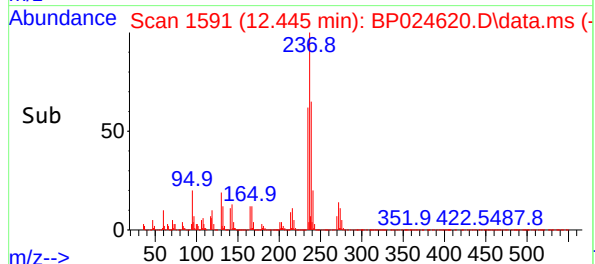
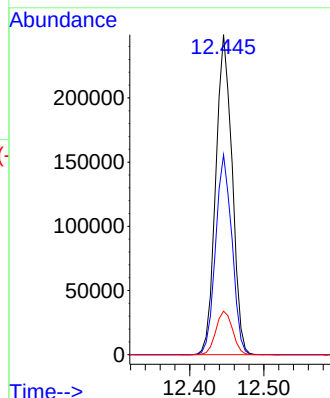
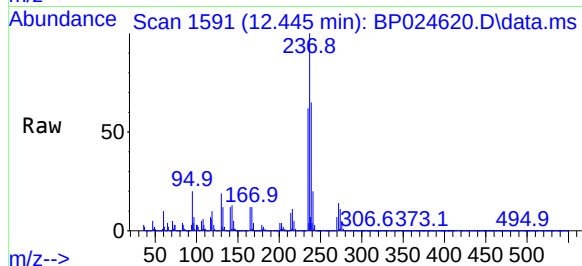




#41
Hexachlorocyclopentadiene
Concen: 66.62 ng
RT: 12.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

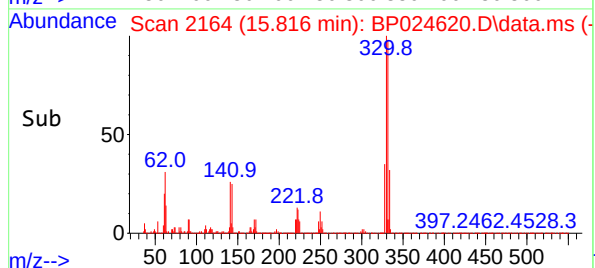
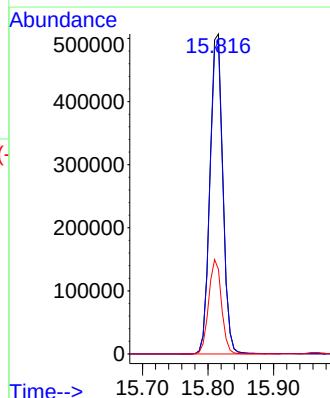
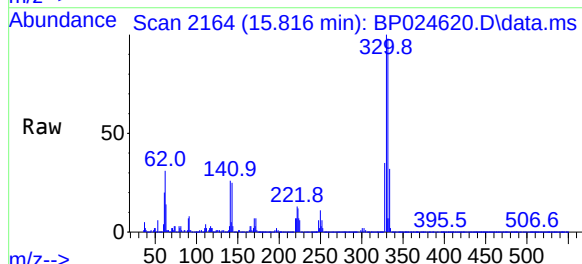
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

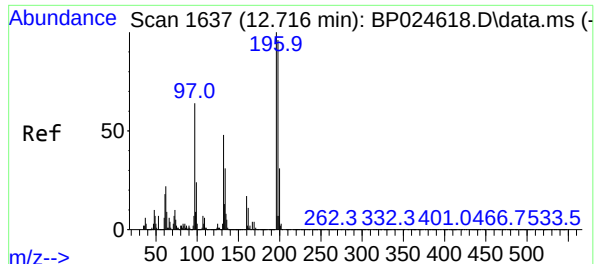
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.4	39.9	79.9
272	13.6	0.0	33.2



#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

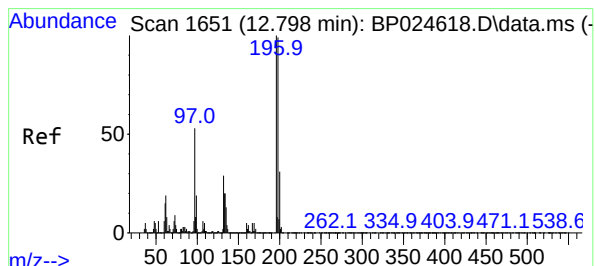
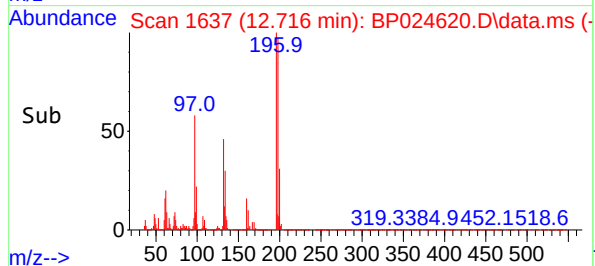
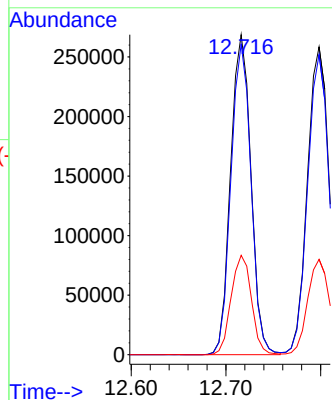
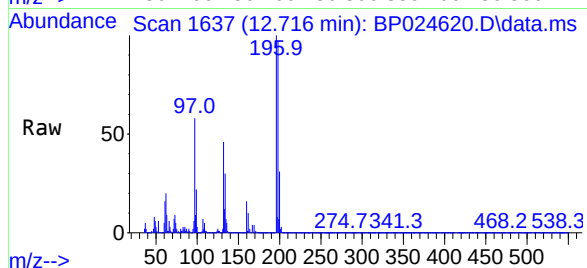
Tgt Ion:196 Resp: 400552

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

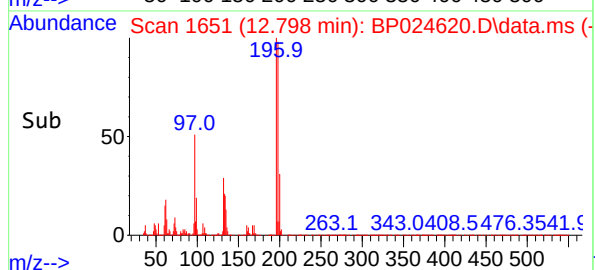
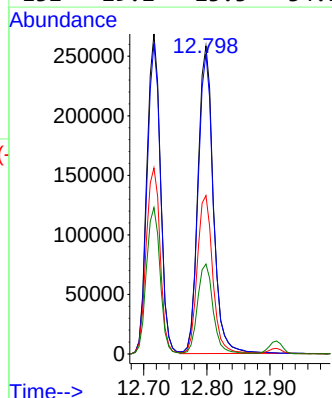
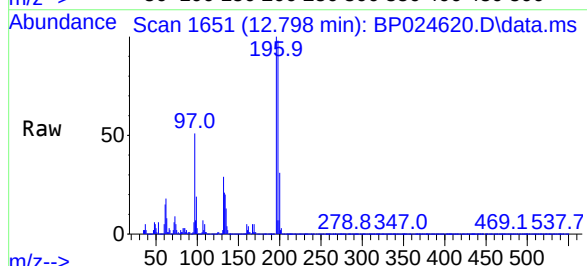
Ion Ratio Lower Upper

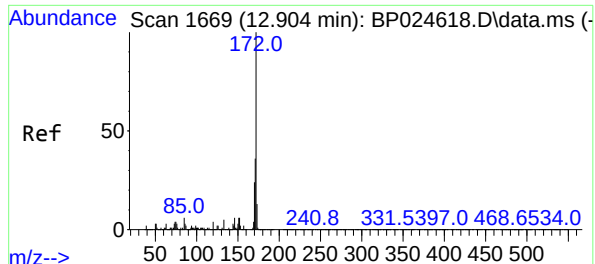
196 100

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

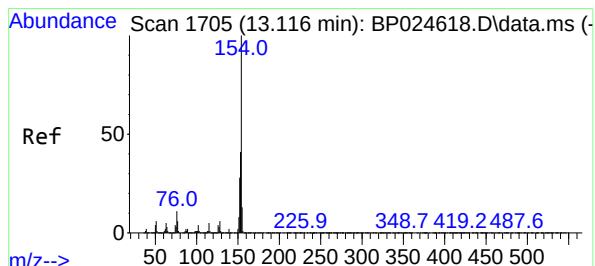
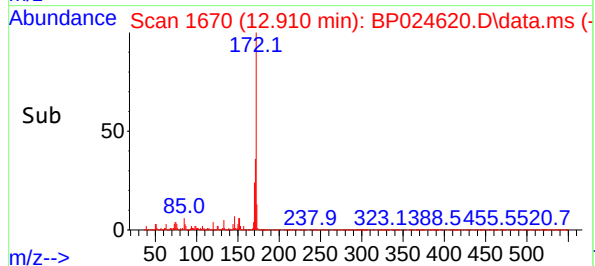
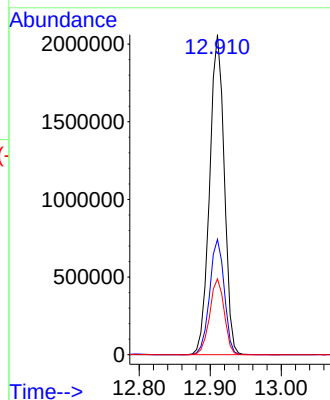
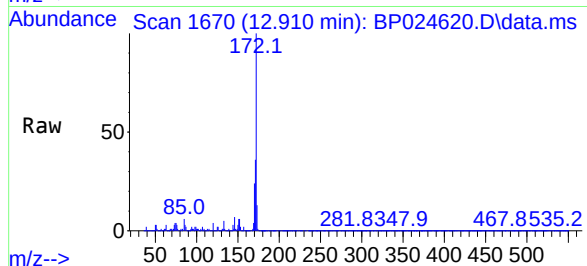
Tgt Ion:172 Resp: 2956939

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

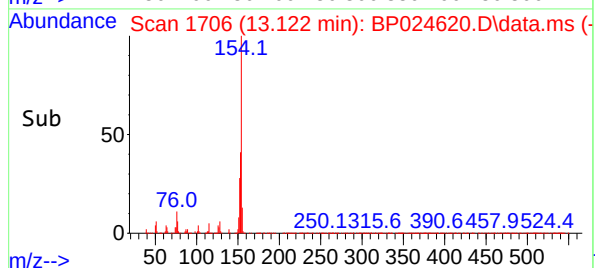
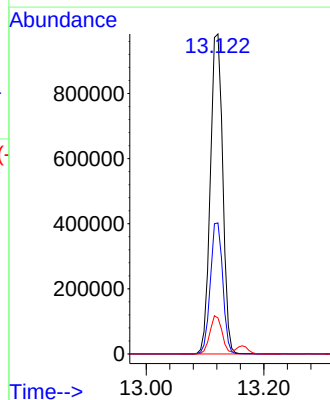
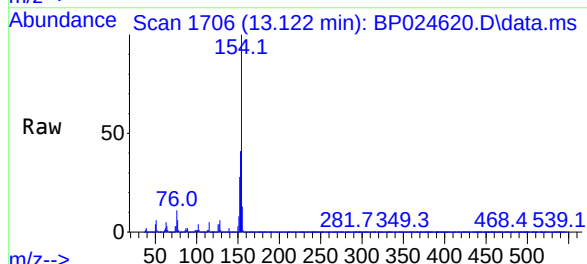
Tgt Ion:154 Resp: 1437786

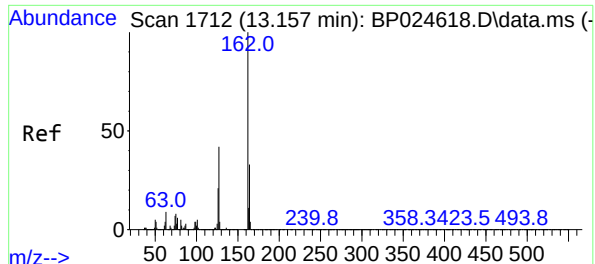
Ion Ratio Lower Upper

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

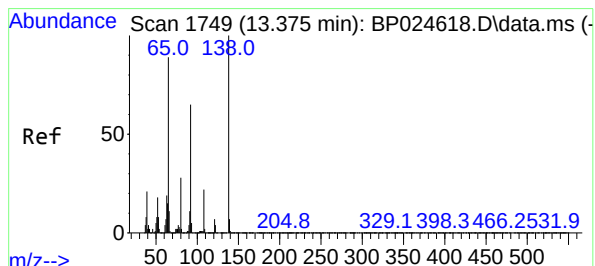
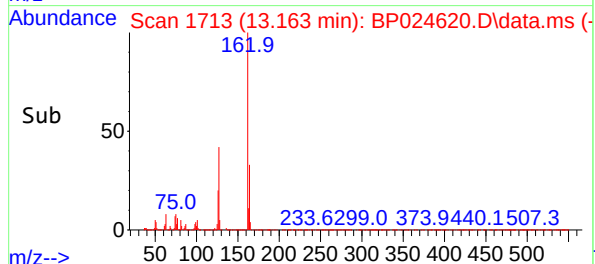
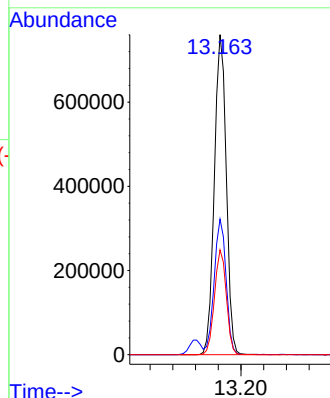
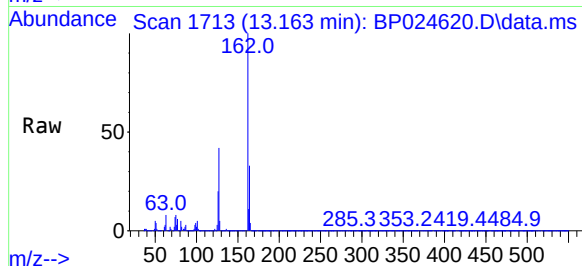
Tgt Ion:162 Resp: 1105298

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

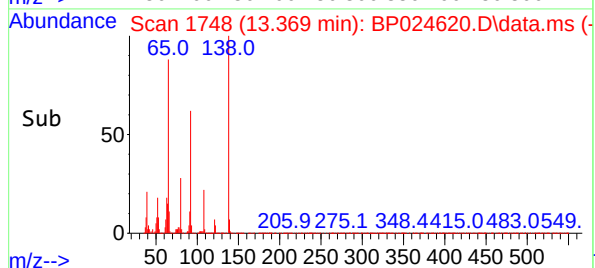
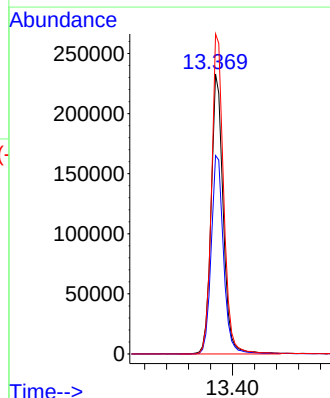
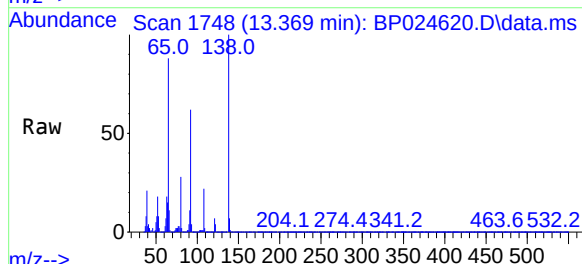
Tgt Ion: 65 Resp: 354977

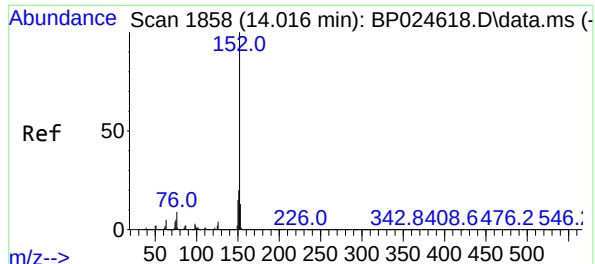
Ion Ratio Lower Upper

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

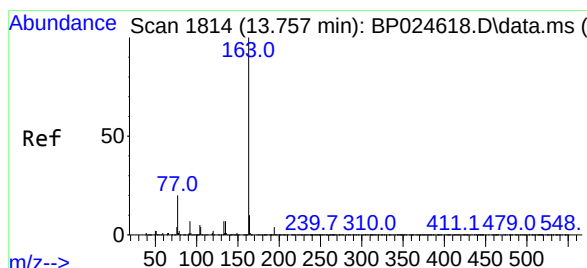
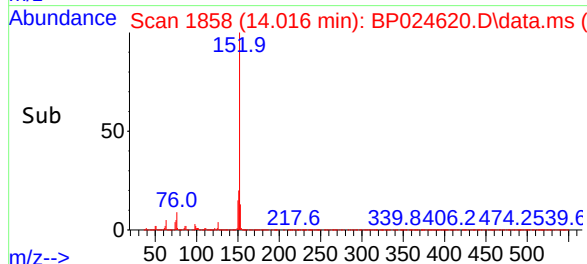
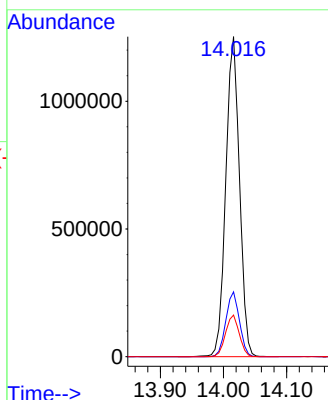
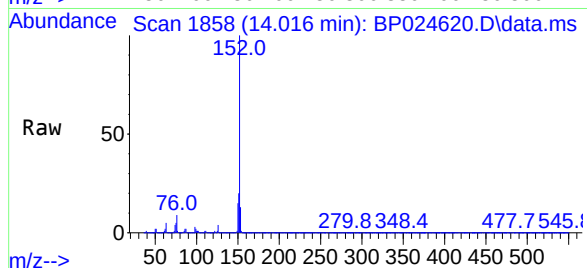
Tgt Ion:152 Resp: 1884018

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

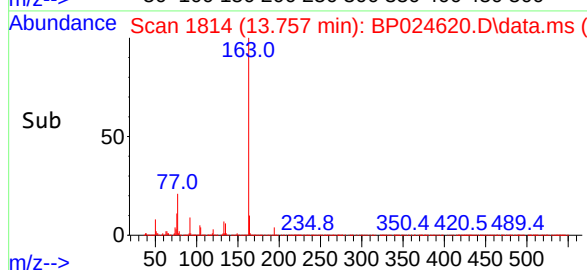
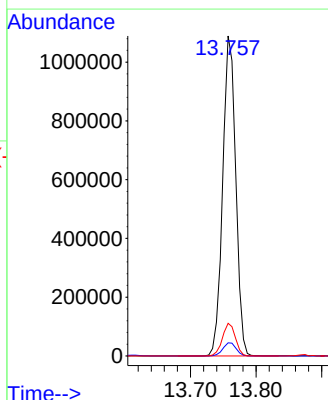
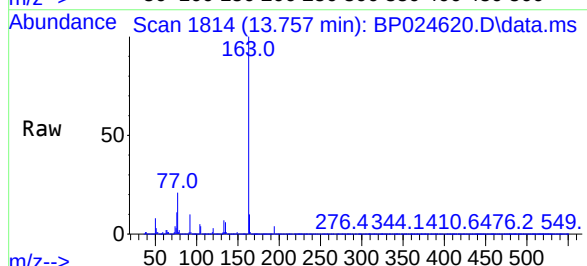
Tgt Ion:163 Resp: 1498318

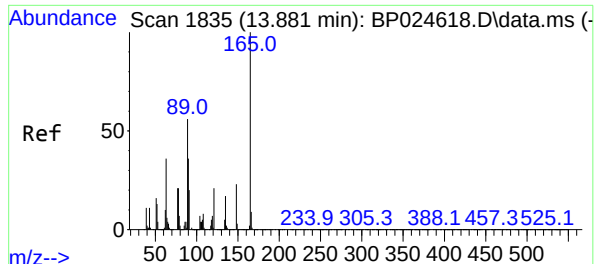
Ion Ratio Lower Upper

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

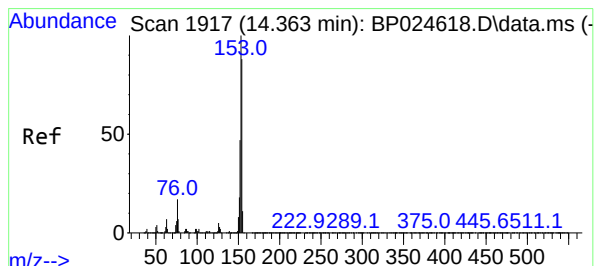
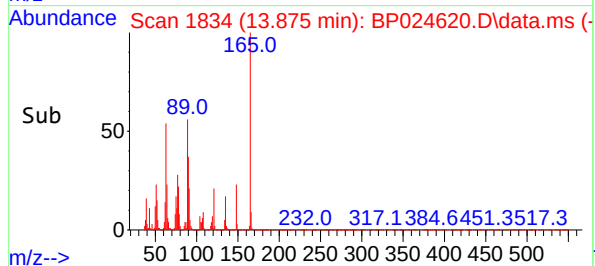
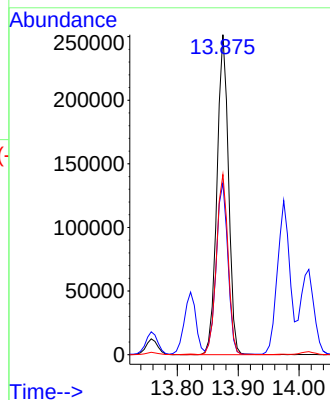
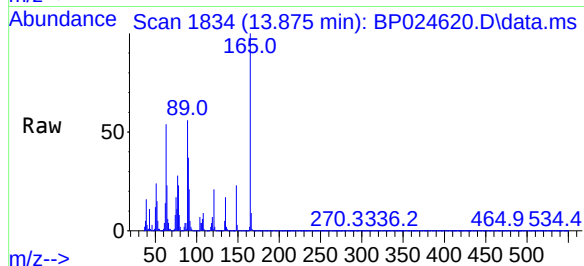
Tgt Ion:165 Resp: 328682

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

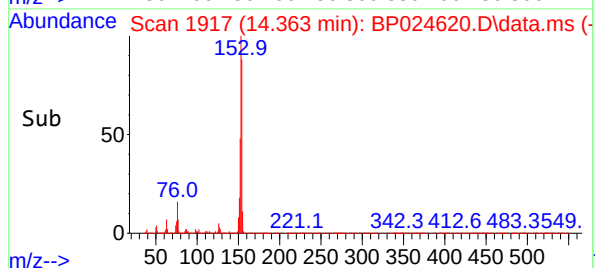
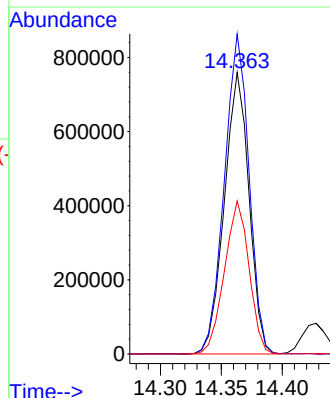
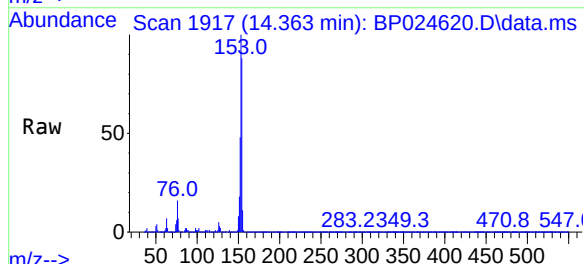
Tgt Ion:154 Resp: 1072483

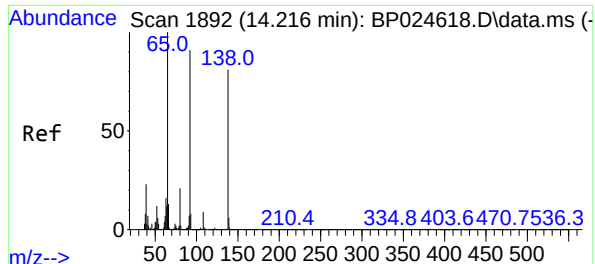
Ion Ratio Lower Upper

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# 1892

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

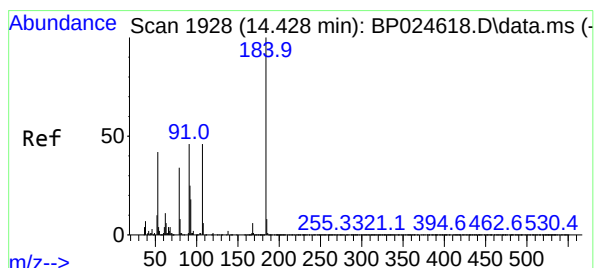
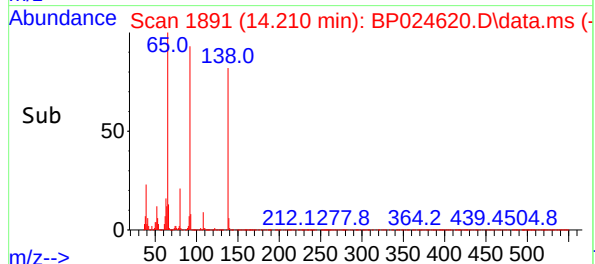
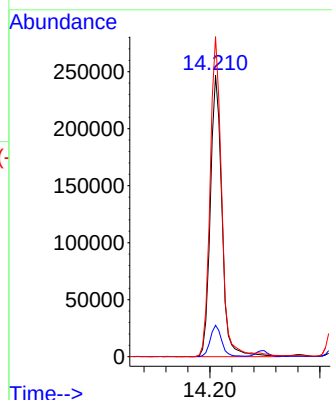
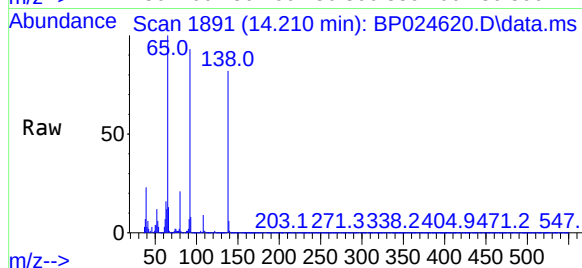
Tgt Ion:138 Resp: 361174

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

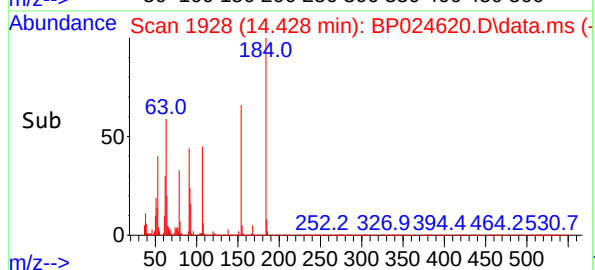
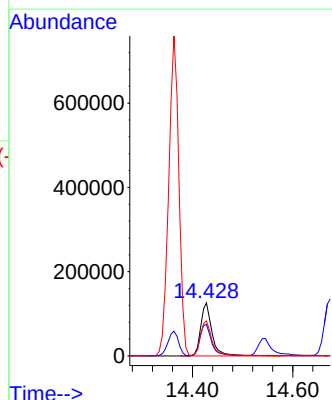
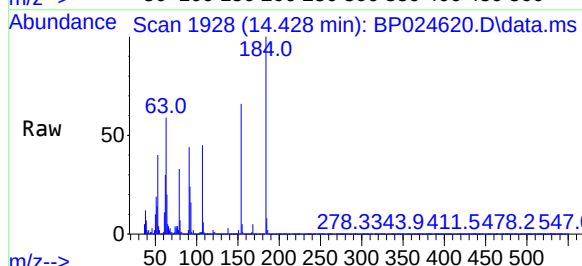
Tgt Ion:184 Resp: 196350

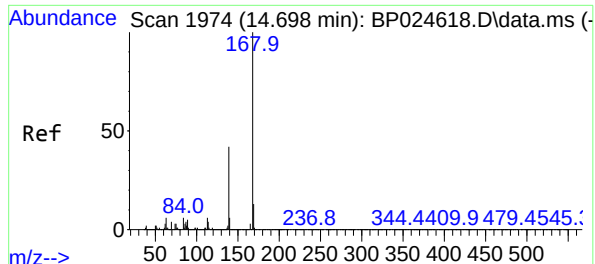
Ion Ratio Lower Upper

184 100

63 59.3 51.3 76.9

154 65.7 53.5 80.3

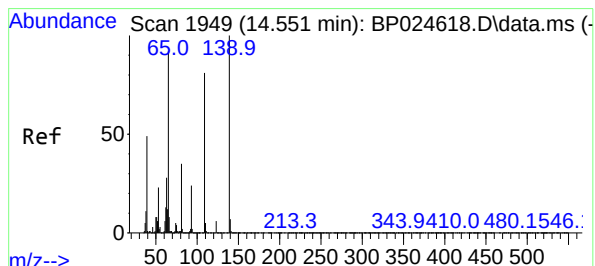
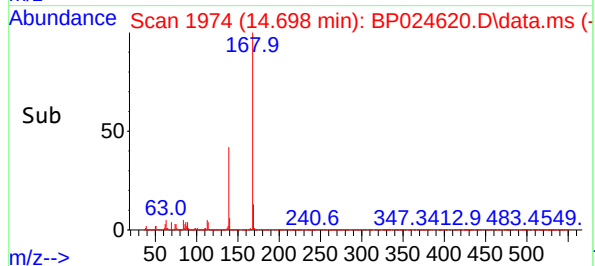
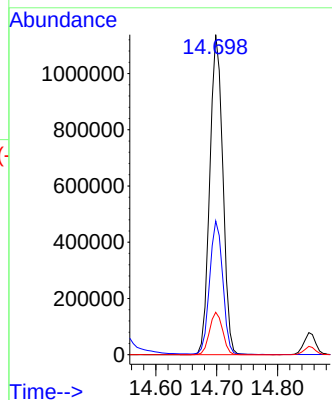
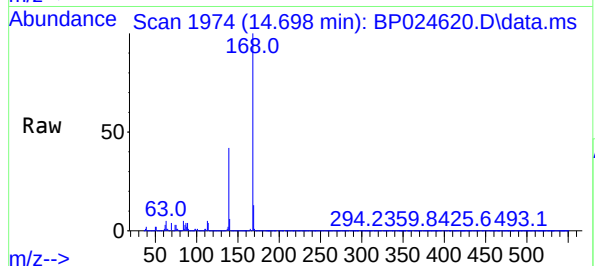




#55
Dibenzofuran
Concen: 60.13 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

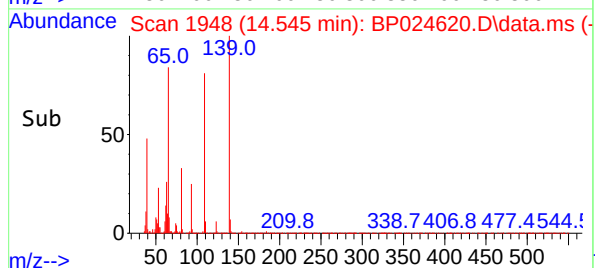
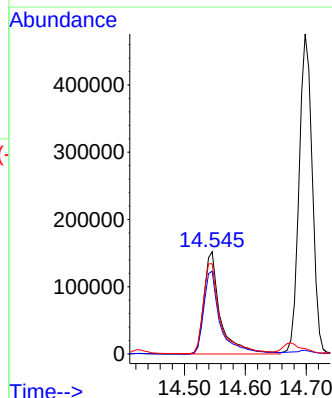
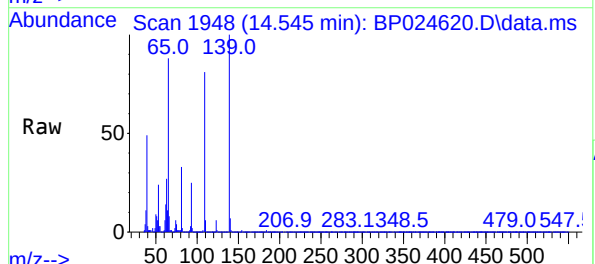
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

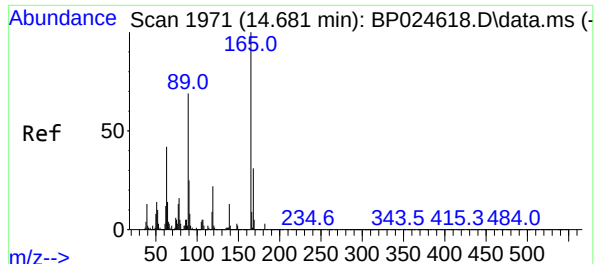
Tgt Ion:168 Resp: 1691790
Ion Ratio Lower Upper
168 100
139 41.8 34.2 51.4
169 13.3 10.8 16.2



#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

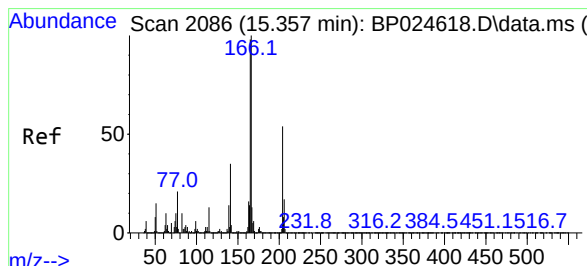
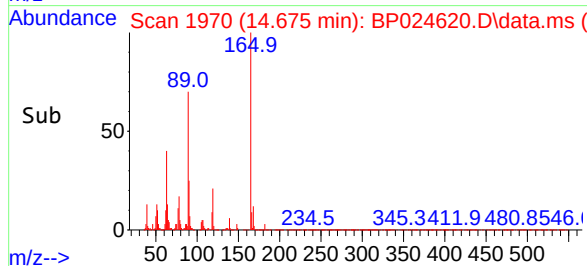
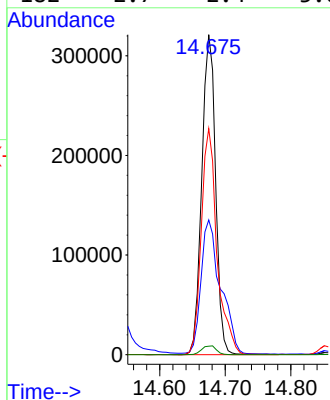
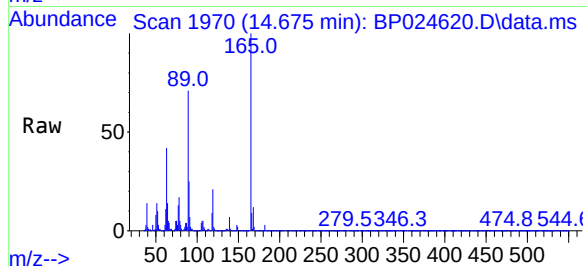




#57
2,4-Dinitrotoluene
Concen: 63.87 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

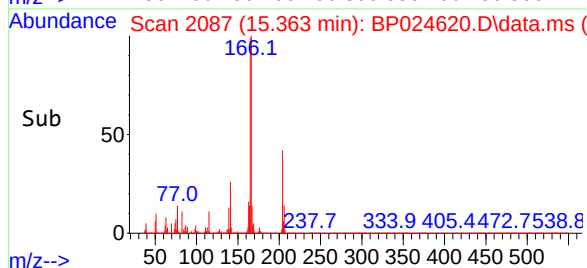
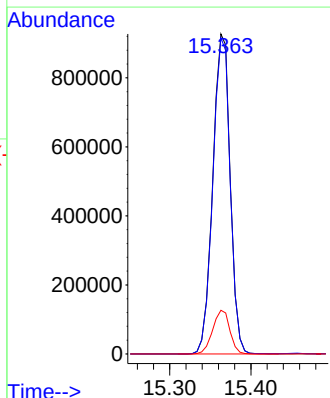
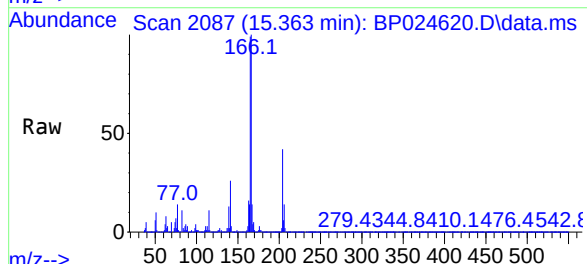
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

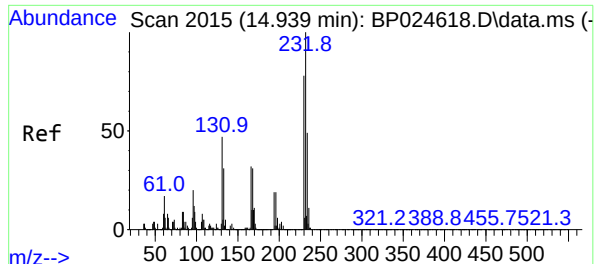
Tgt Ion:165 Resp: 471525
Ion Ratio Lower Upper
165 100
63 42.1 33.8 50.6
89 70.6 55.6 83.4
182 2.7 2.4 3.6



#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

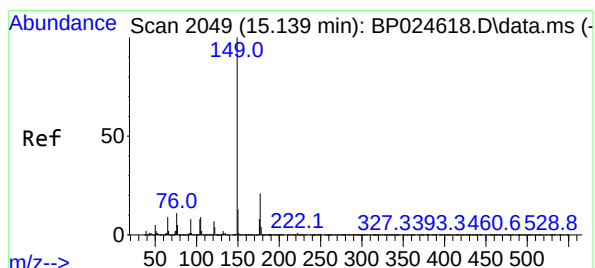
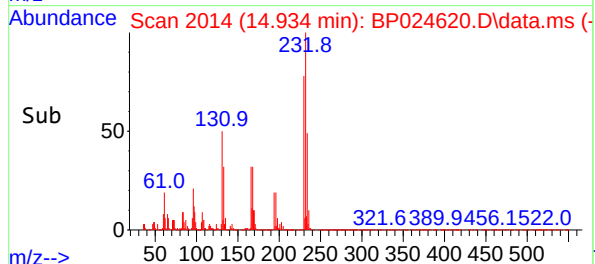
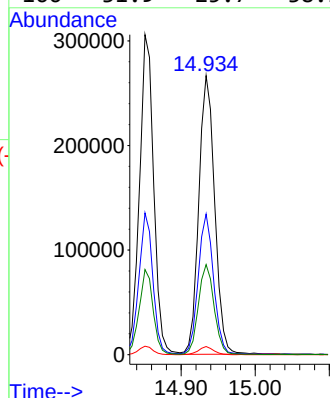
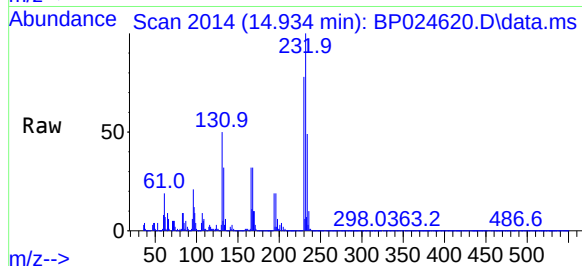
Ion Ratio Lower Upper

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

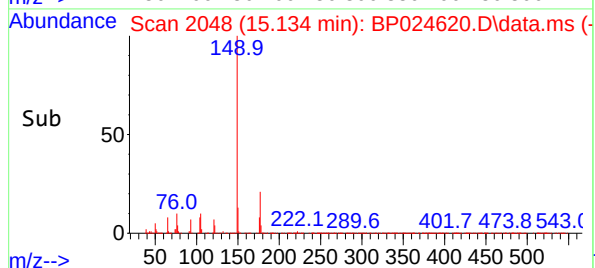
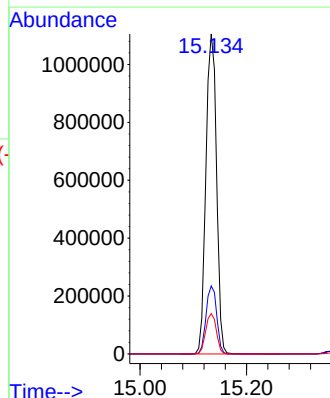
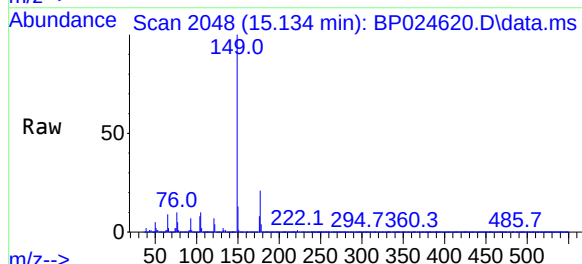
Tgt Ion:149 Resp: 1525628

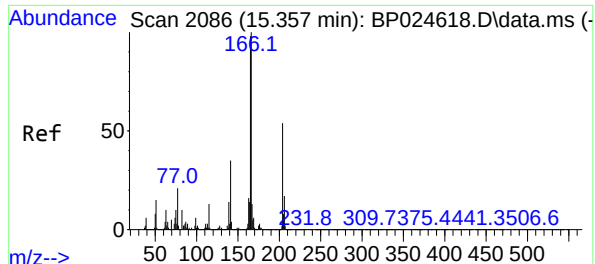
Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

150 12.6 10.2 15.2

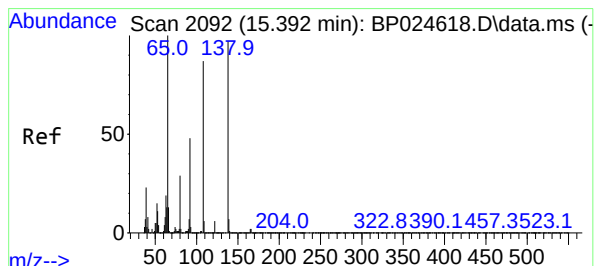
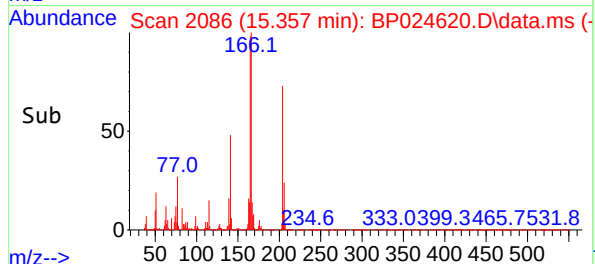
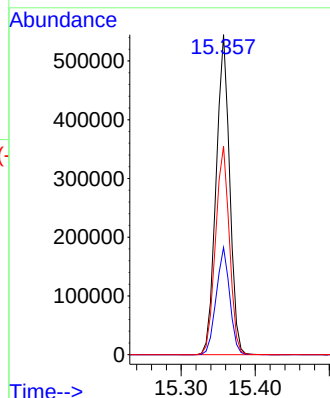
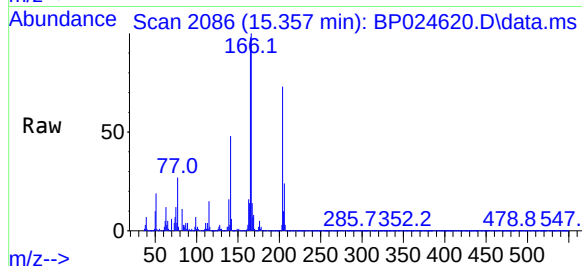




#61
4-Chlorophenyl-phenylether
Concen: 60.51 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

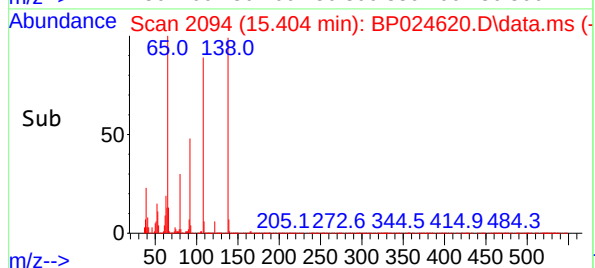
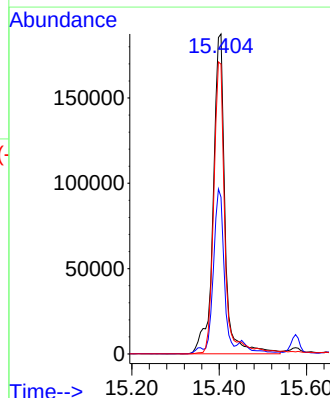
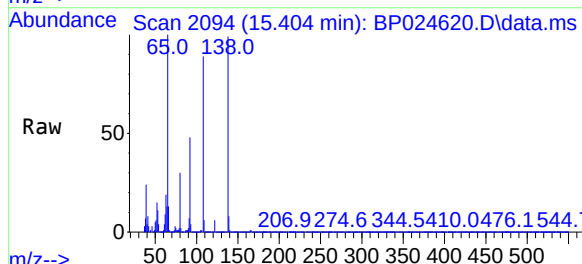
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

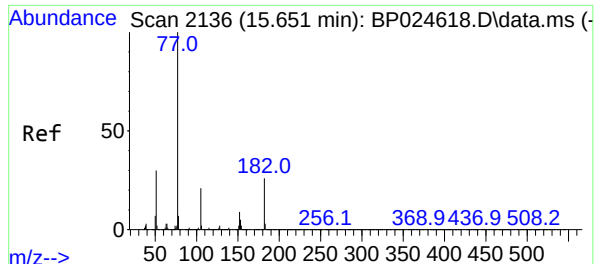
Tgt Ion:204 Resp: 692230
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 65.2 52.9 79.3



#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



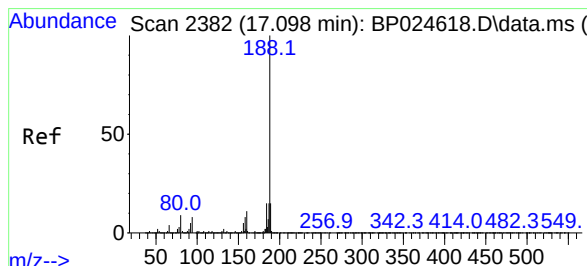
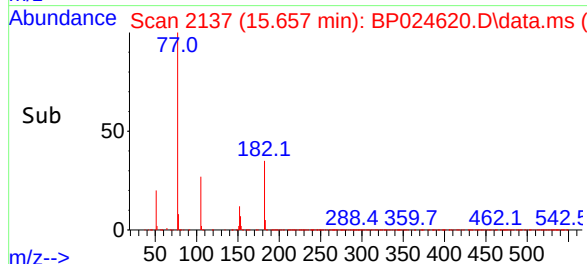
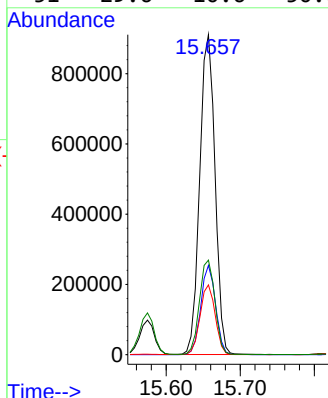
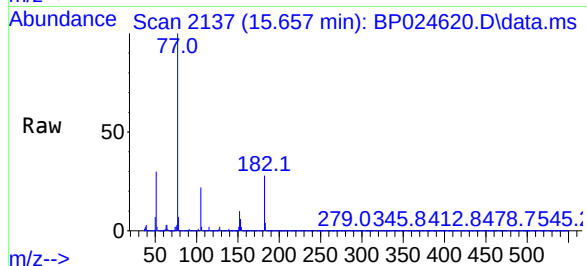


#63
Azobenzene
Concen: 61.14 ng
RT: 15.657 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1310800

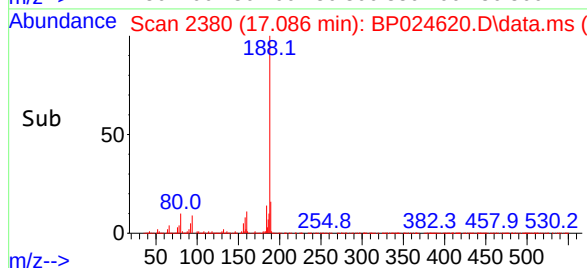
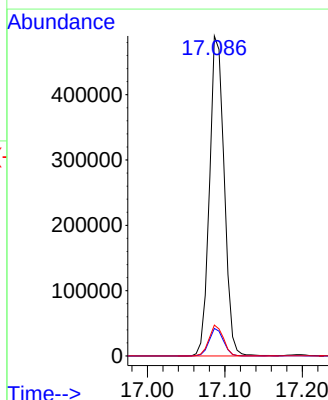
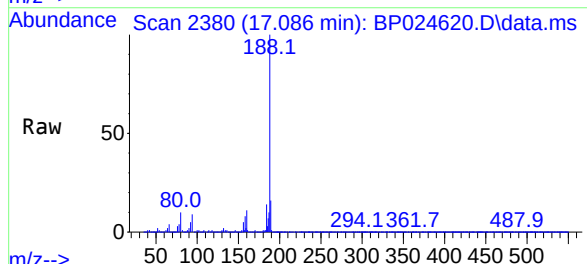
Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.7	45.7
105	21.8	1.3	41.3
51	29.6	10.6	50.6

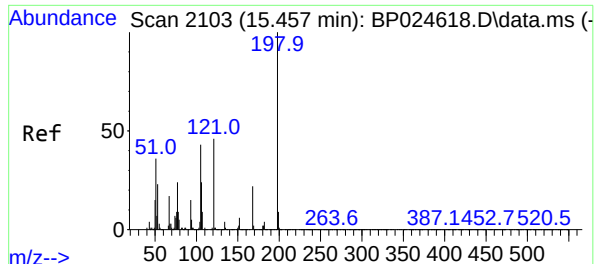


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

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

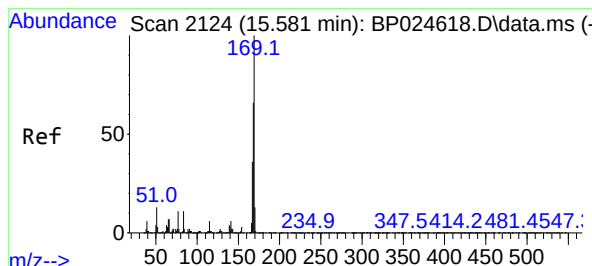
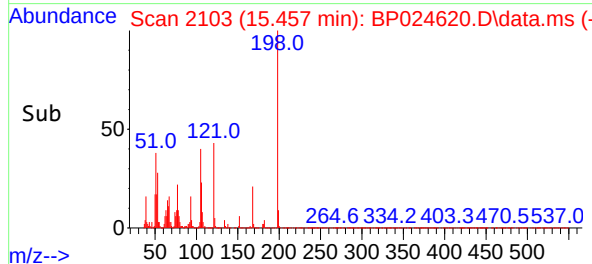
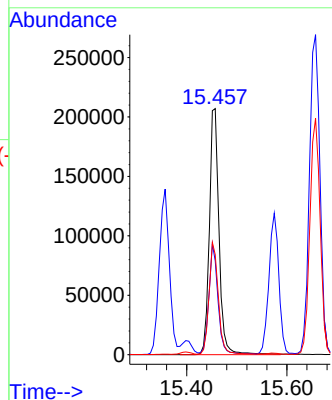
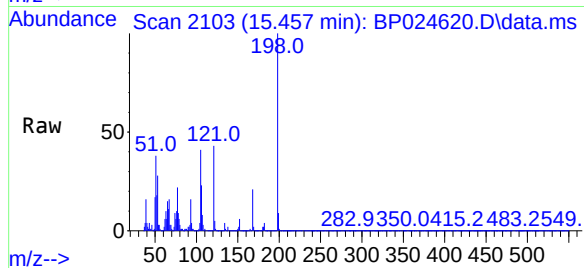




#65
4,6-Dinitro-2-methylphenol
Concen: 66.55 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

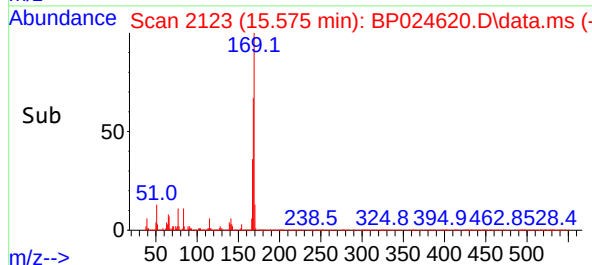
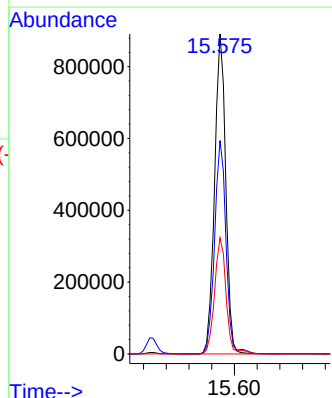
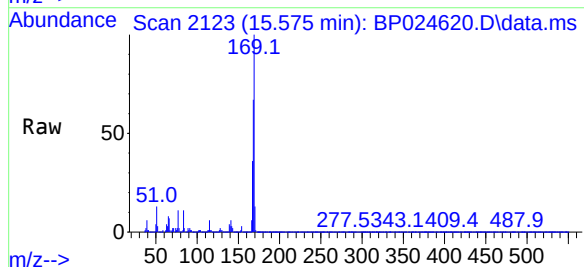
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

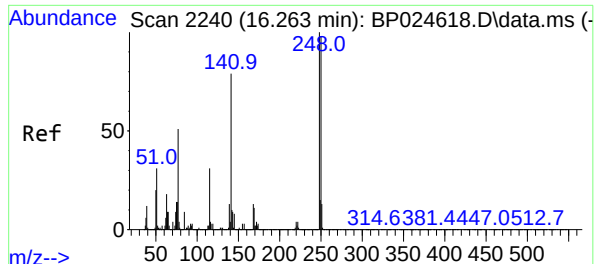
Tgt Ion:198 Resp: 278024
Ion Ratio Lower Upper
198 100
51 38.1 21.1 61.1
105 40.6 23.6 63.6



#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

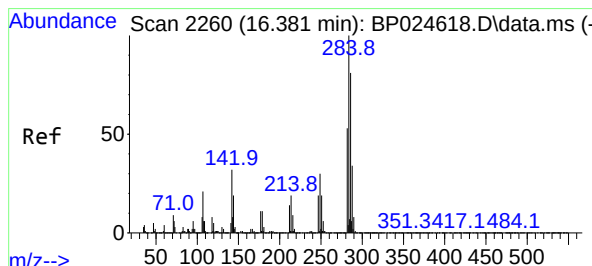
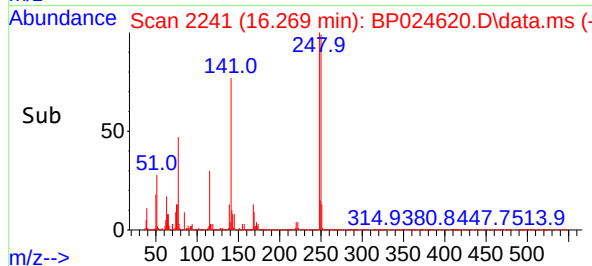
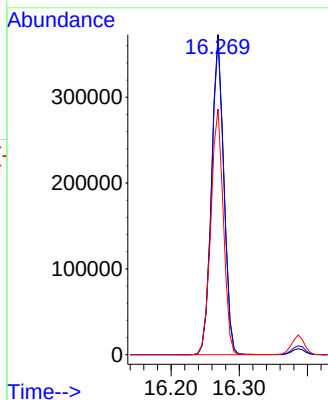
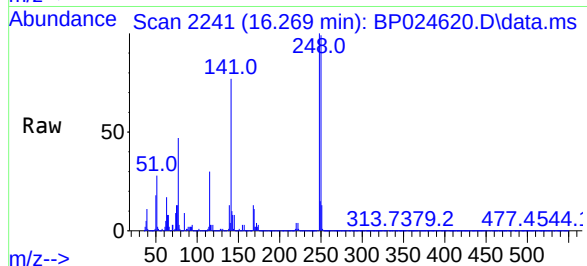




#67
4-Bromophenyl-phenylether
Concen: 61.56 ng
RT: 16.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

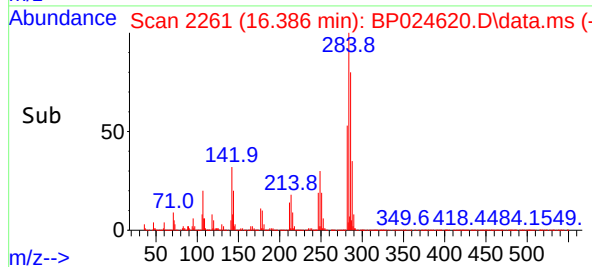
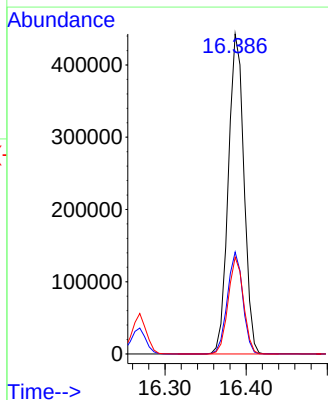
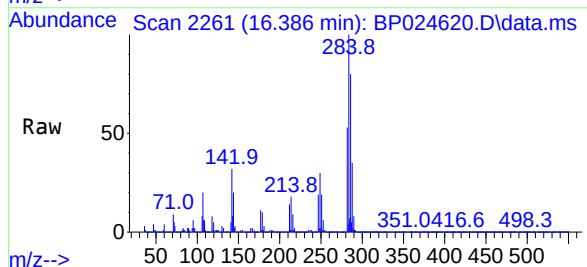
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

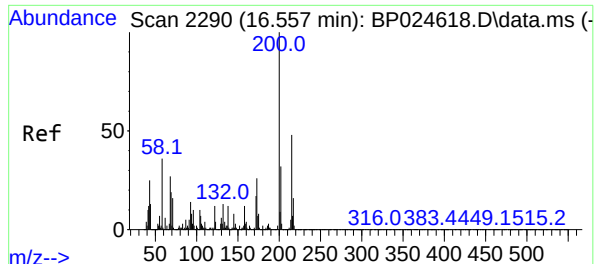
Tgt Ion:248 Resp: 469127
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 76.7 63.0 94.6



#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

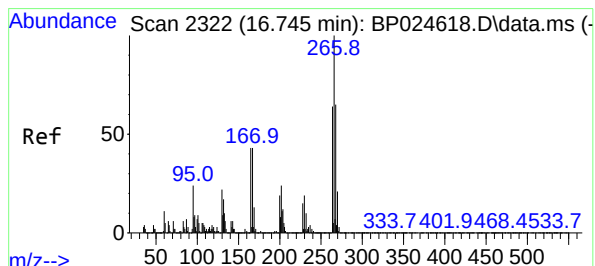
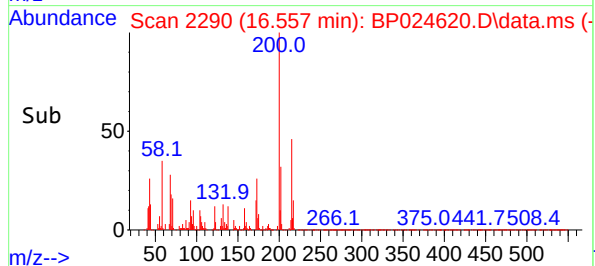
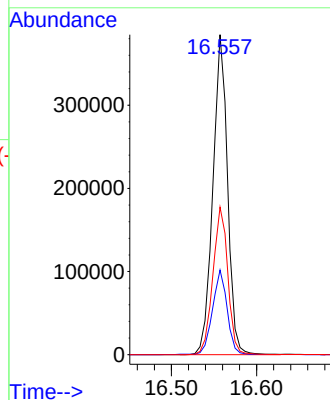
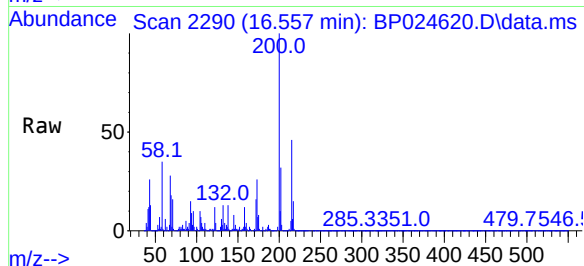




#69
Atrazine
Concen: 63.29 ng
RT: 16.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

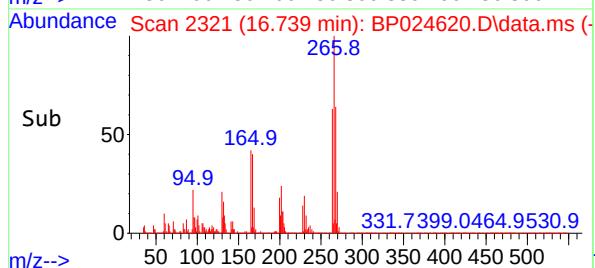
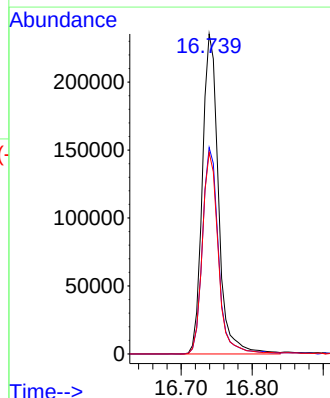
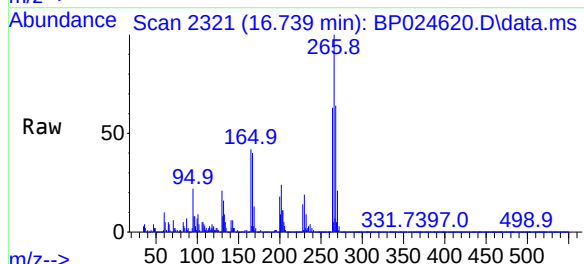
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

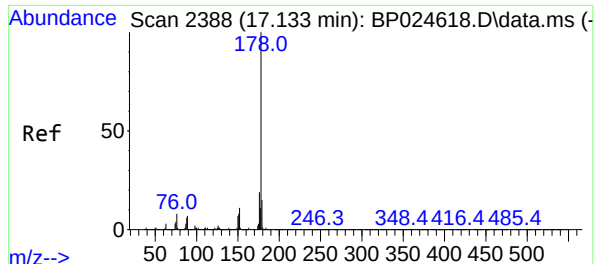
Tgt Ion:200 Resp: 460742
Ion Ratio Lower Upper
200 100
173 26.4 5.9 45.9
215 46.1 28.3 68.3



#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

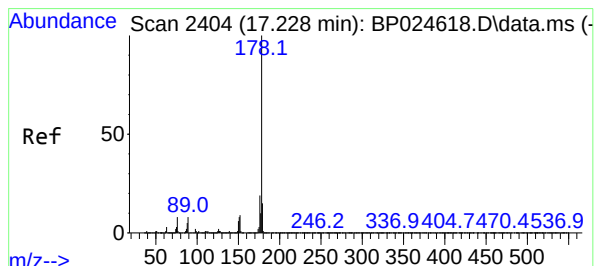
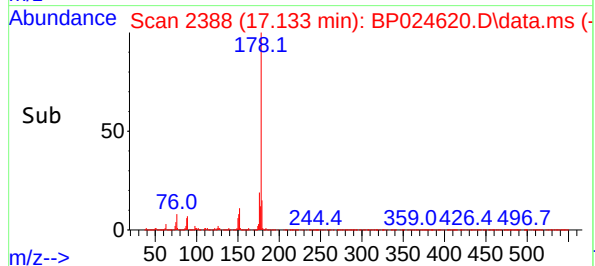
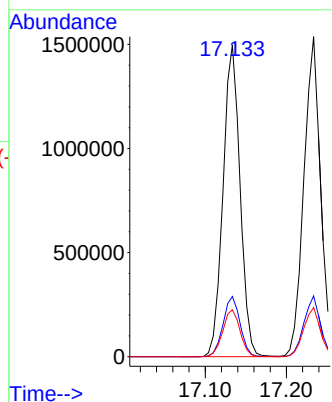
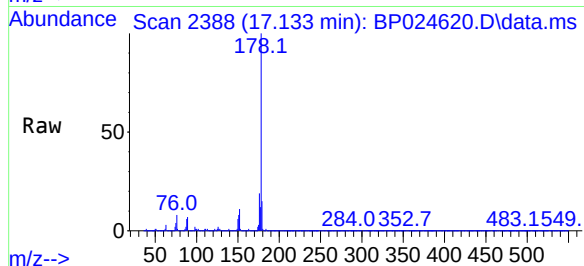




#71
Phenanthrene
Concen: 60.73 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

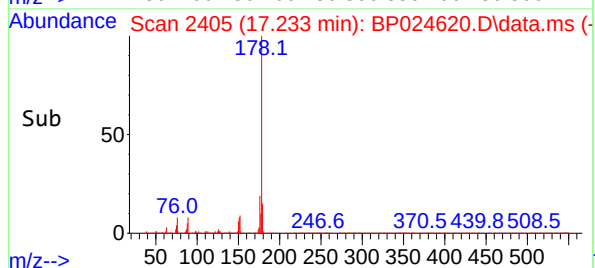
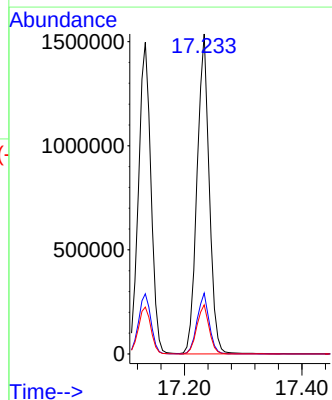
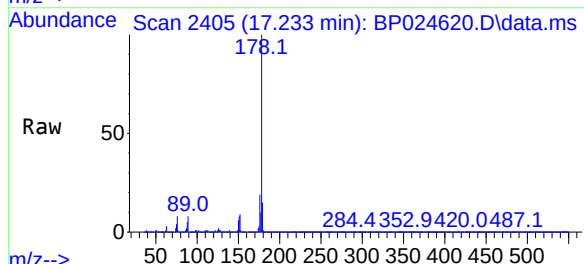
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

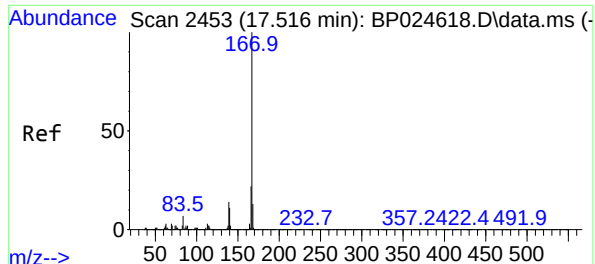
Tgt Ion:178 Resp: 2183329
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.2 18.4



#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

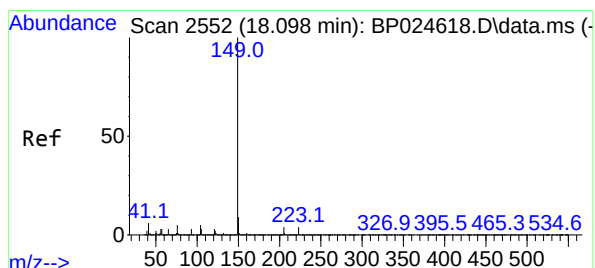
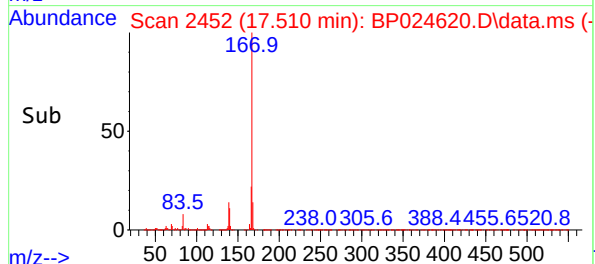
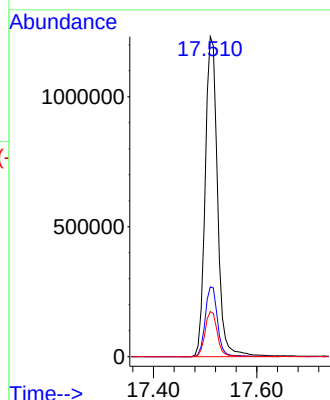
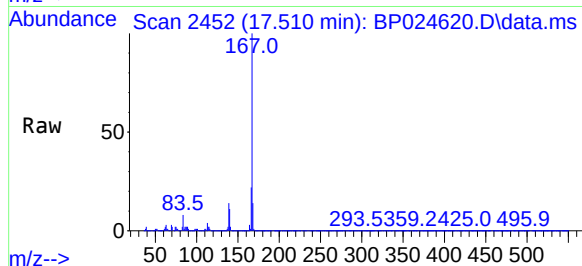




#73
Carbazole
Concen: 62.39 ng
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

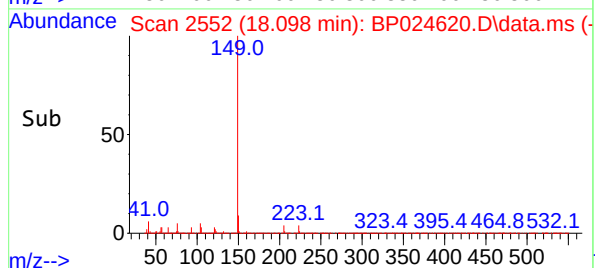
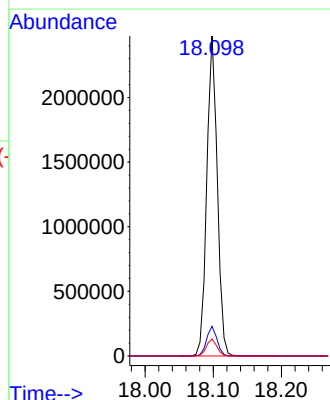
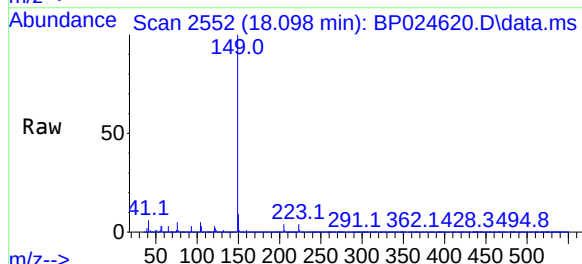
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

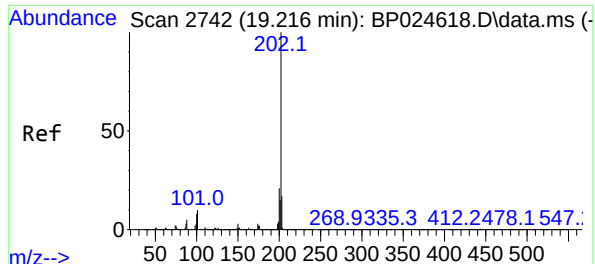
Tgt Ion:167 Resp: 2042777
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 14.1 11.3 16.9



#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

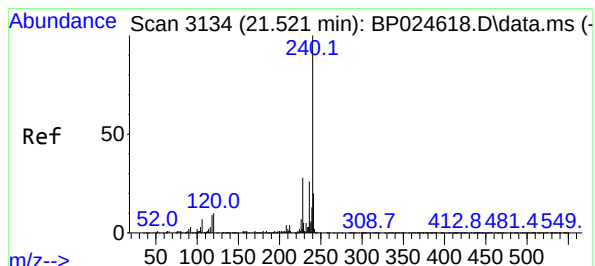
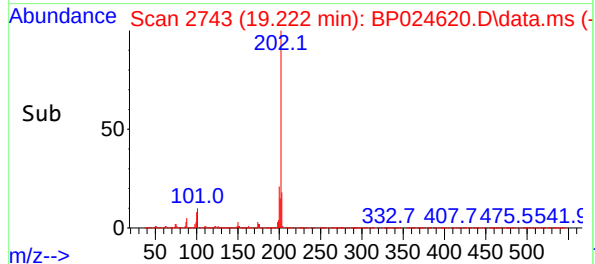
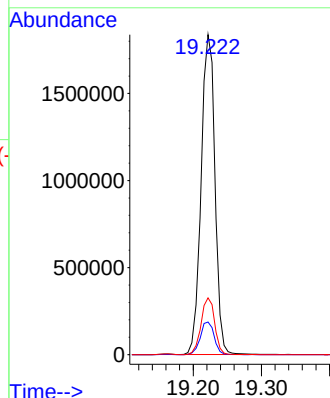
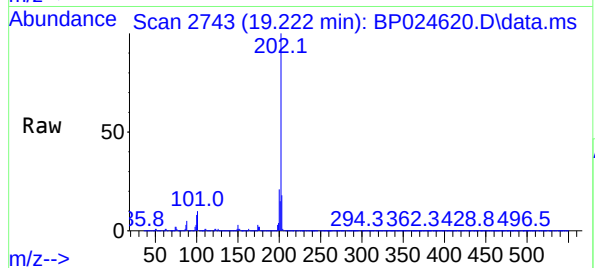




#75
Fluoranthene
Concen: 61.73 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

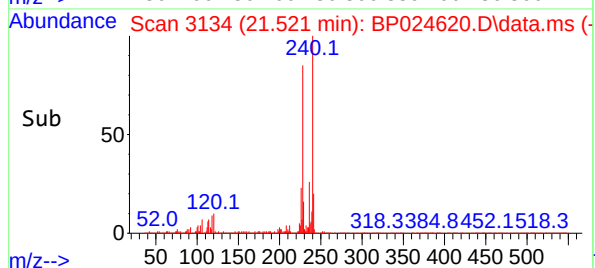
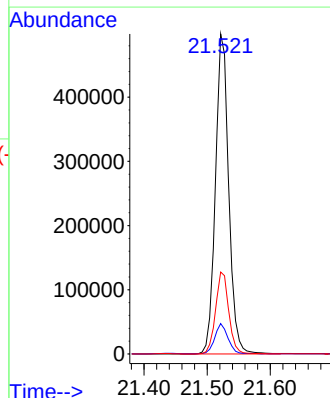
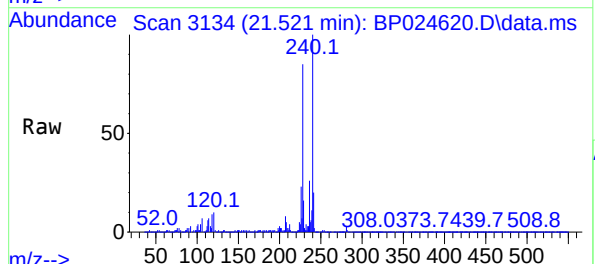
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

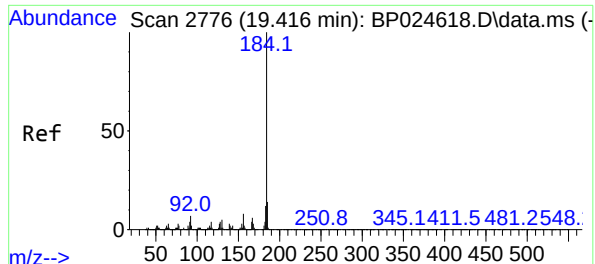
Tgt Ion:202 Resp: 2594532
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.3
203 17.8 0.0 37.5



#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

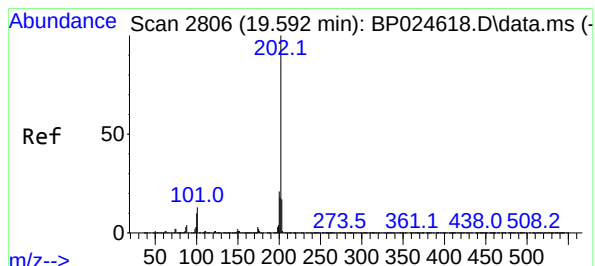
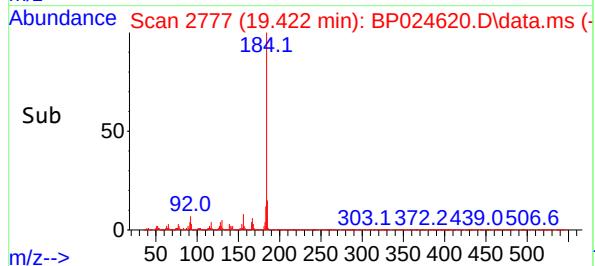
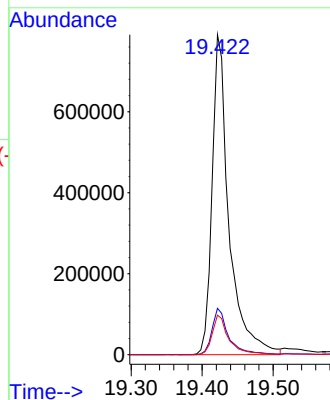
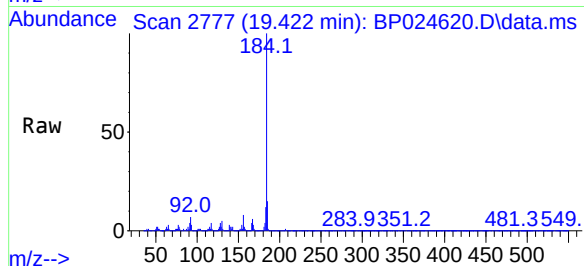




#77
Benzidine
Concen: 65.42 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

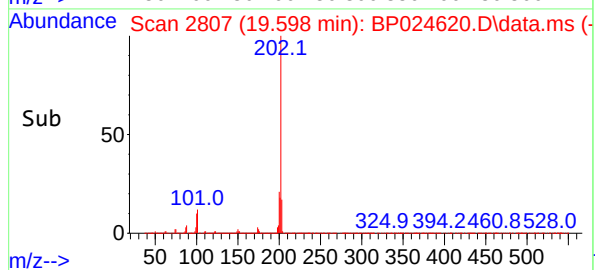
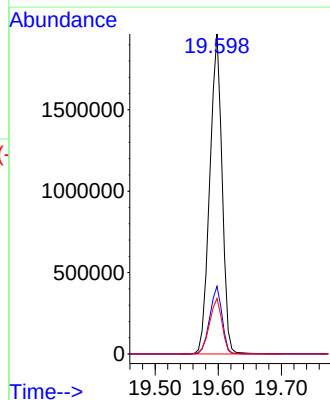
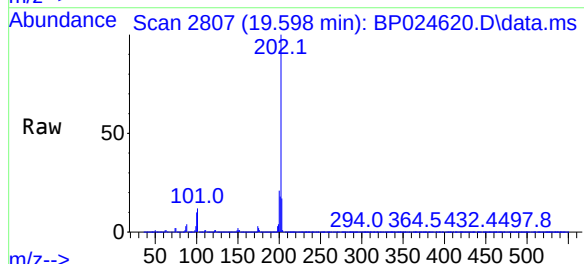
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

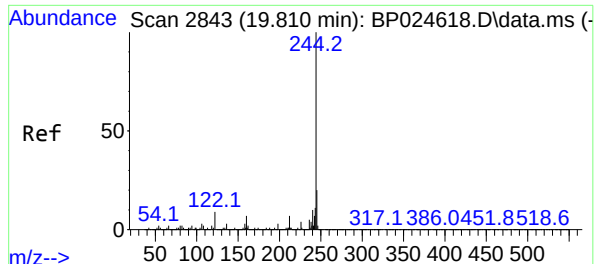
Tgt Ion:184 Resp: 1304259
Ion Ratio Lower Upper
184 100
185 14.5 11.2 16.8
183 12.4 9.8 14.8



#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

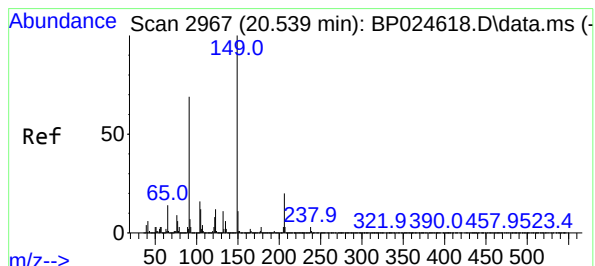
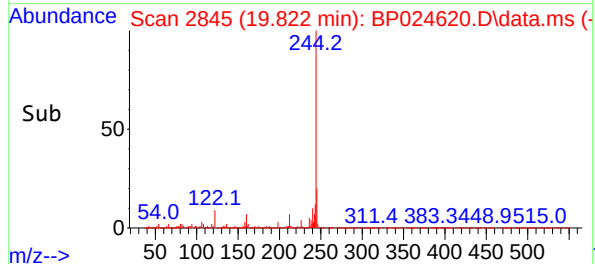
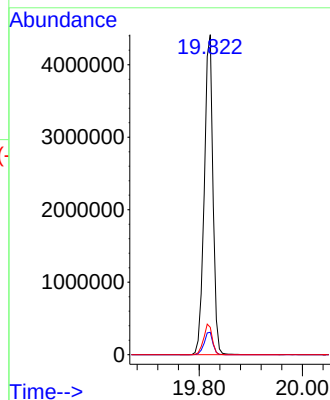
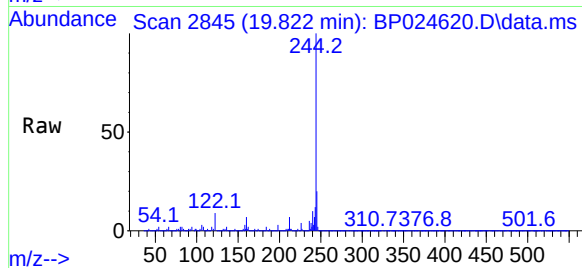




#79
Terphenyl-d14
Concen: 120.88 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

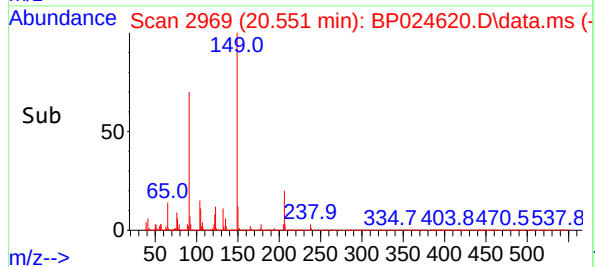
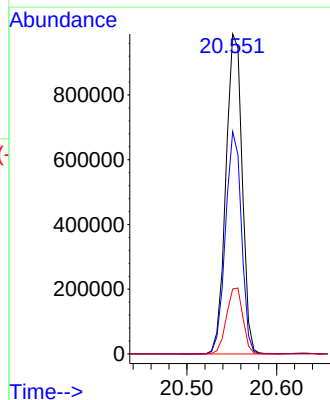
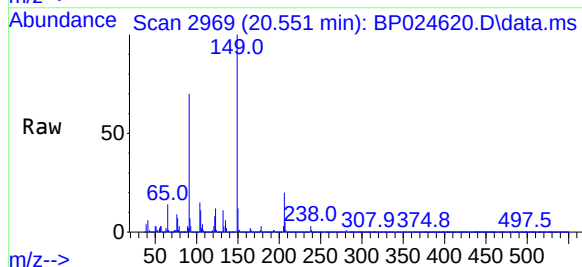
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

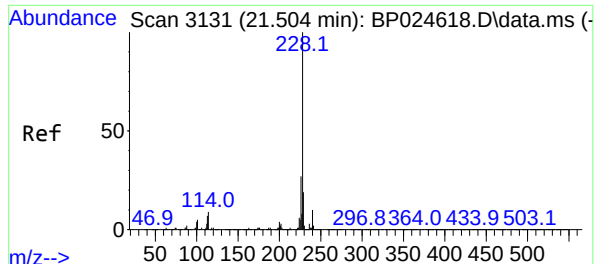
Tgt Ion:244 Resp: 5119872
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 8.6 7.4 11.0



#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

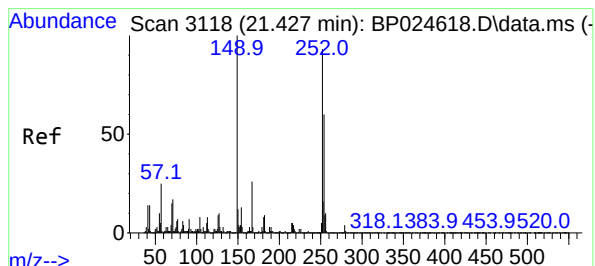
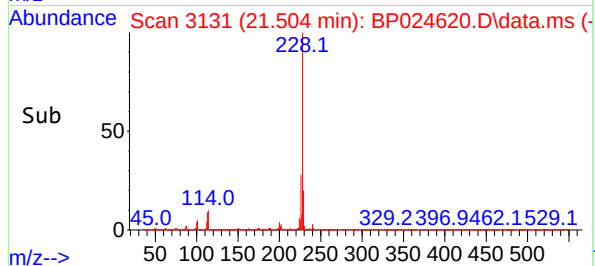
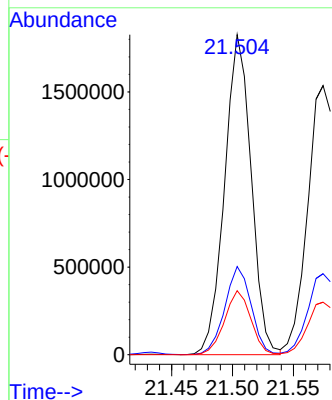
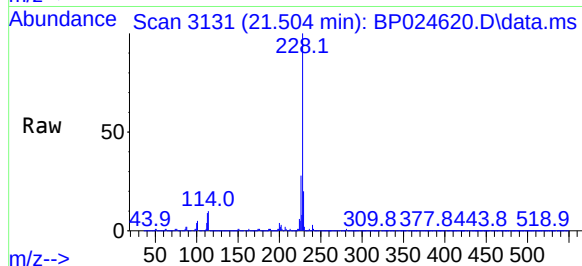




#81
Benzo(a)anthracene
Concen: 60.93 ng
RT: 21.504 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

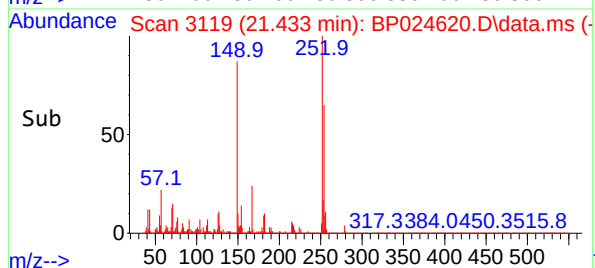
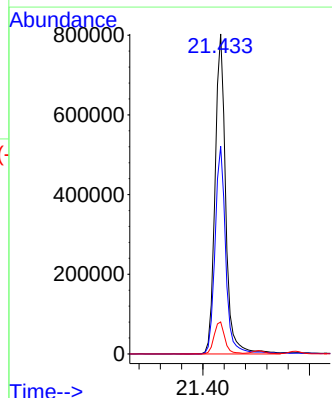
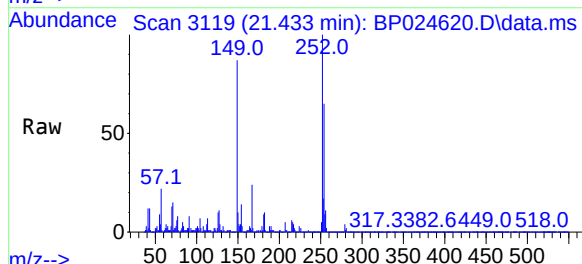
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

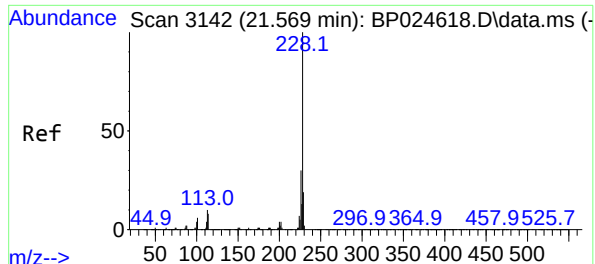
Tgt Ion:228 Resp: 2778689
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.0 15.5 23.3



#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# 3142

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

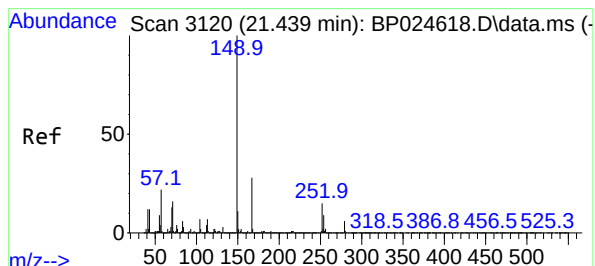
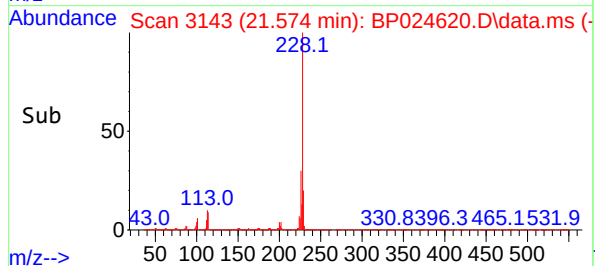
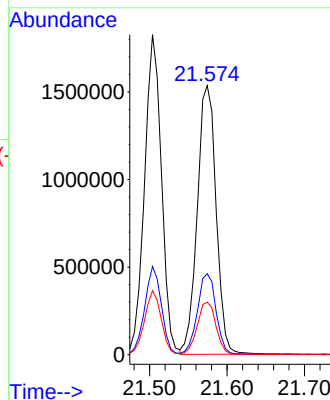
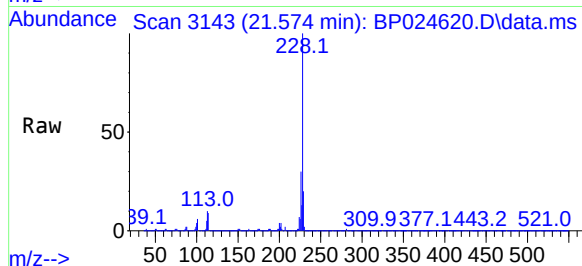
BNA_P

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

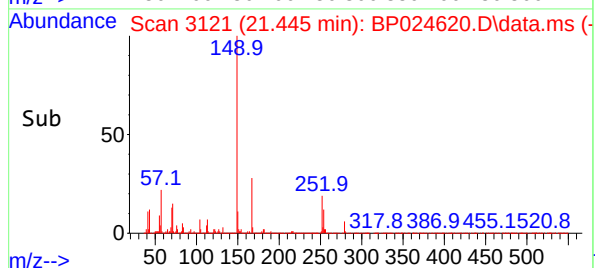
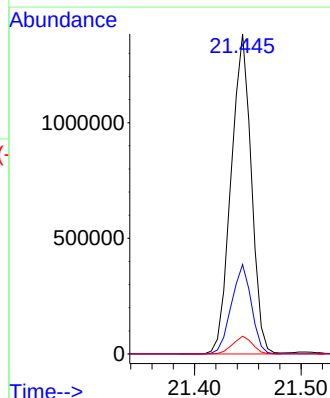
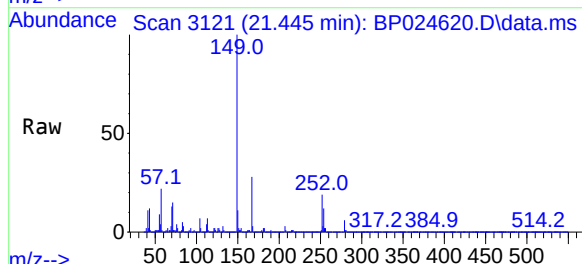
Delta R.T. 0.006 min

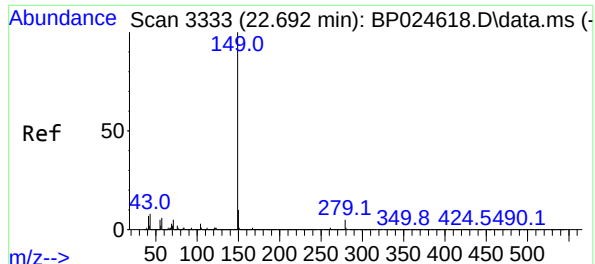
Lab File: BP024620.D

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

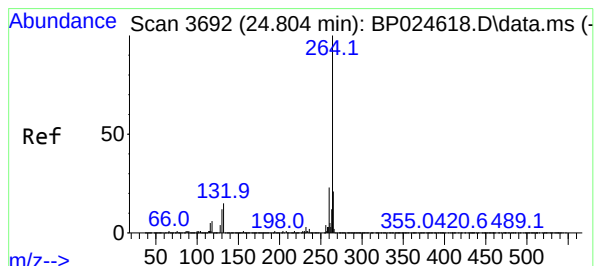
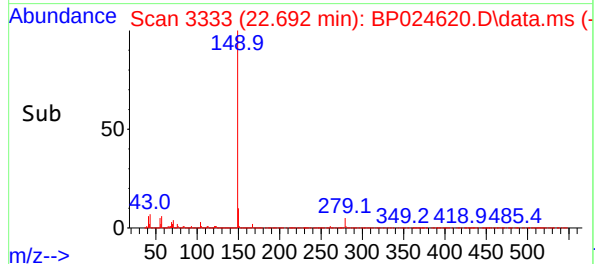
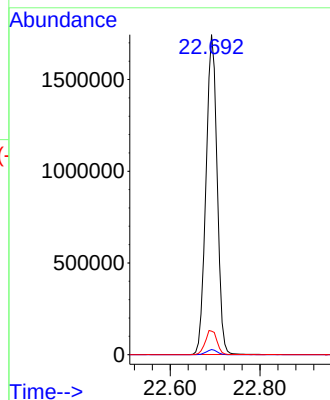
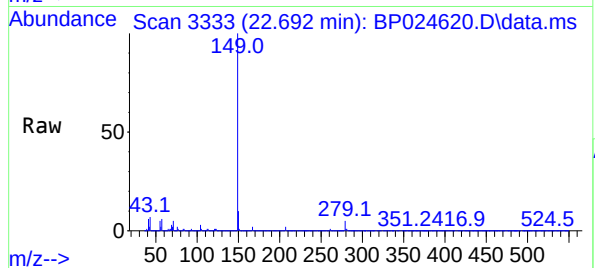




#85
Di-n-octyl phthalate
Concen: 64.47 ng
RT: 22.692 min Scan# 311
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

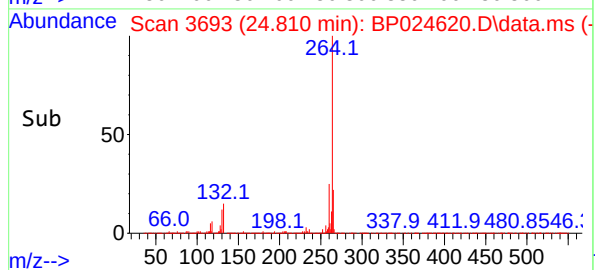
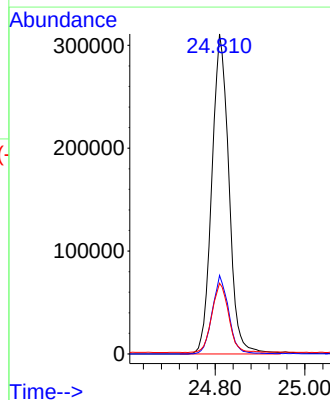
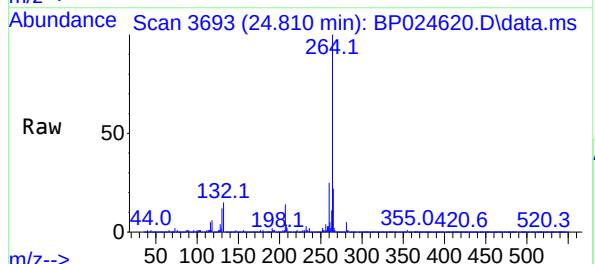
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

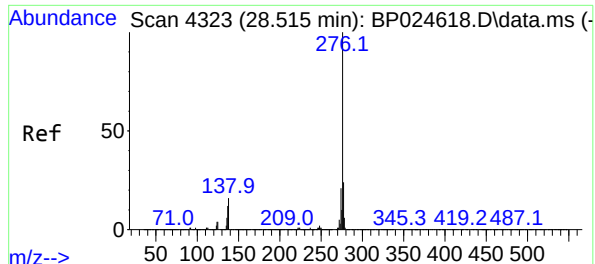
Tgt Ion:149 Resp: 2998832
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.9 6.3 9.5



#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 :

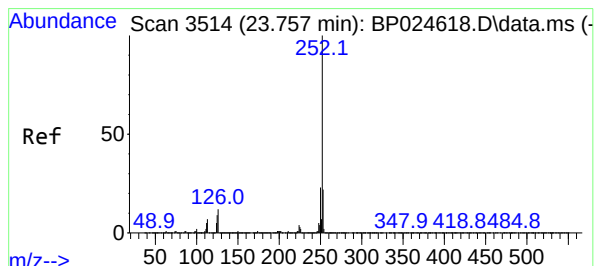
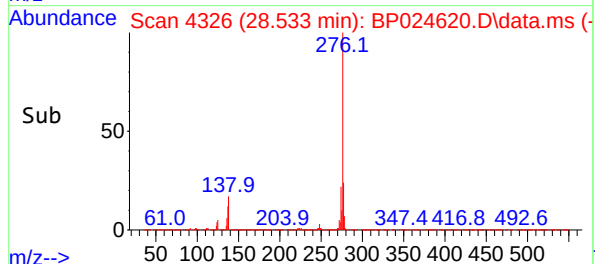
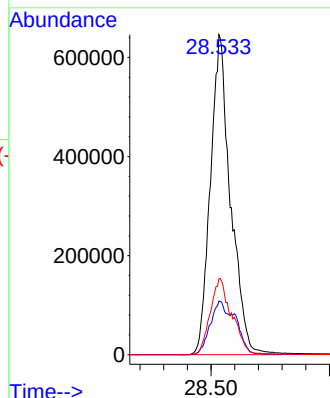
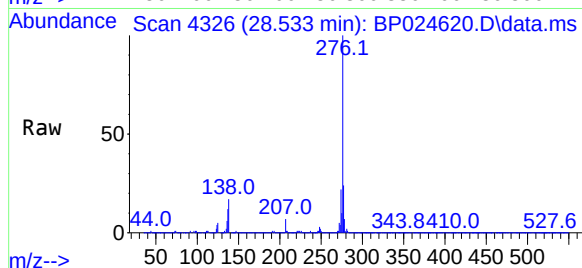
BNA_P

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

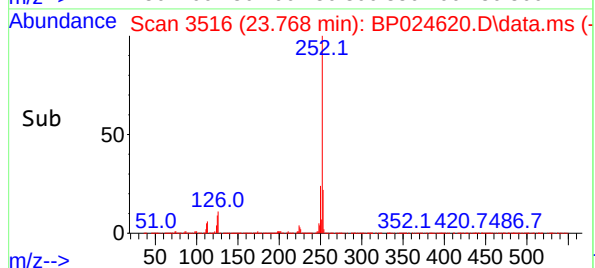
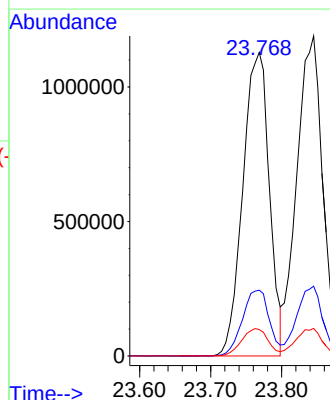
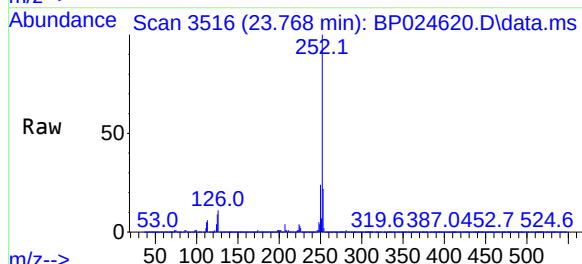
Delta R.T. 0.012 min

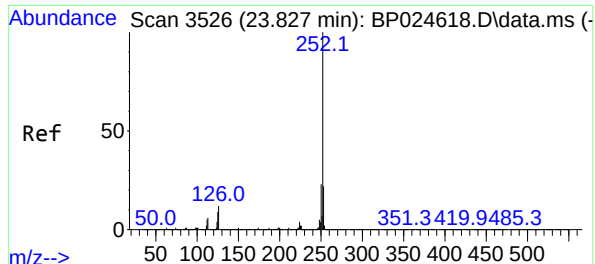
Lab File: BP024620.D

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

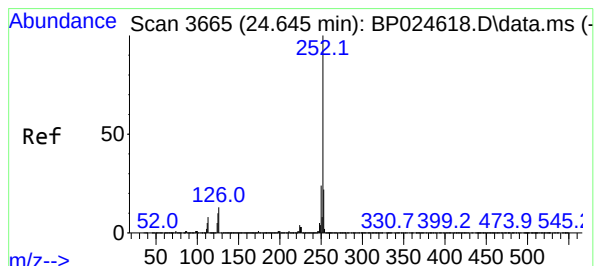
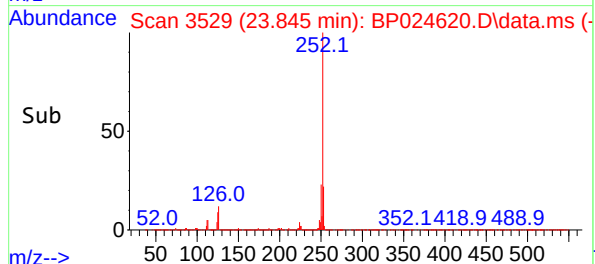
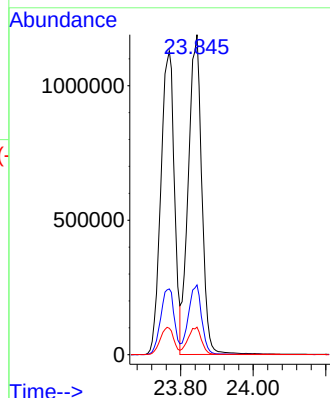
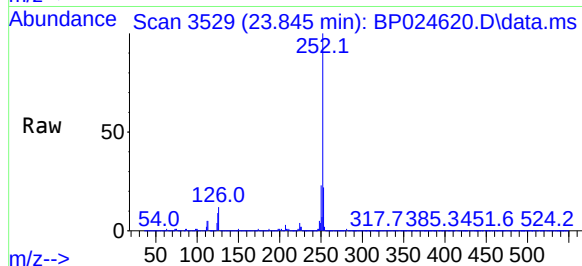
Tgt Ion:252 Resp: 3055252

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

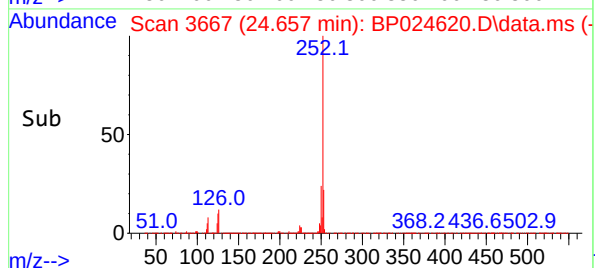
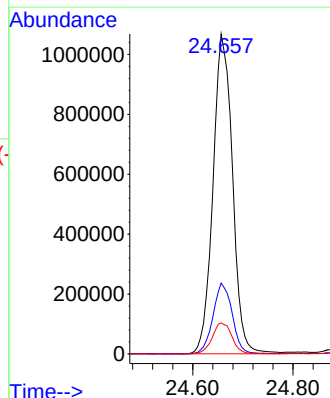
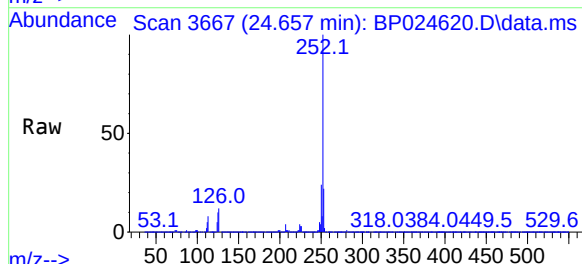
Tgt Ion:252 Resp: 2881508

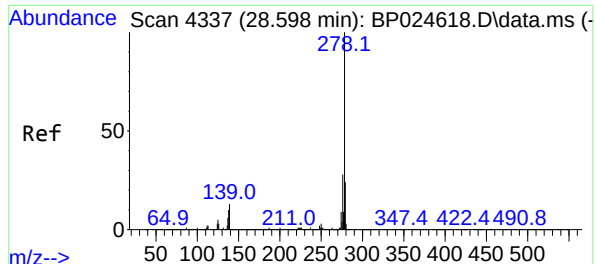
Ion Ratio Lower Upper

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

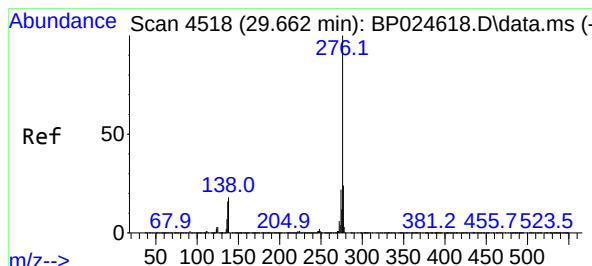
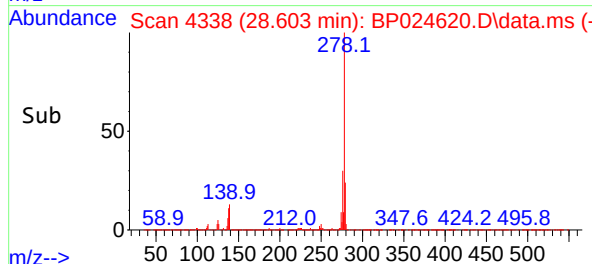
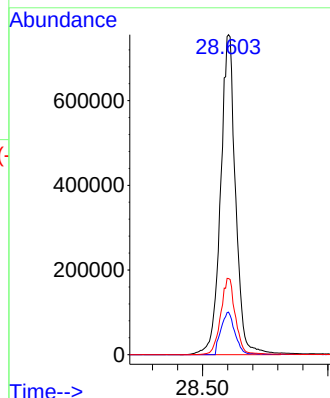
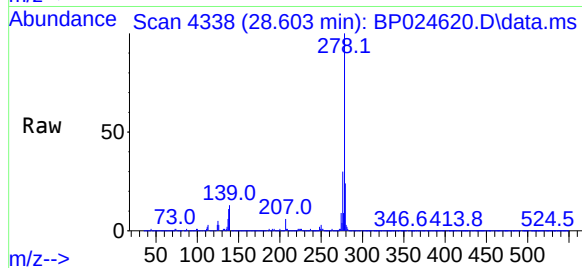
Tgt Ion:278 Resp: 3137905

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

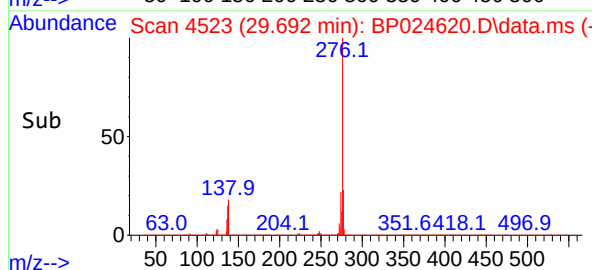
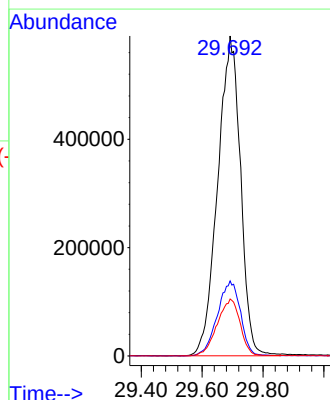
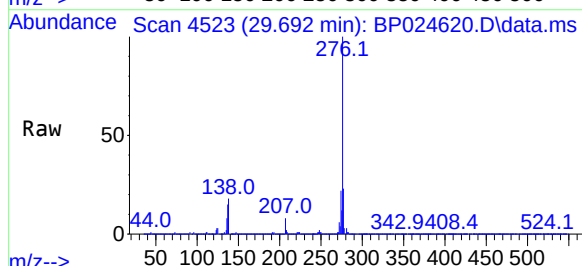
Tgt Ion:276 Resp: 3065416

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						
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

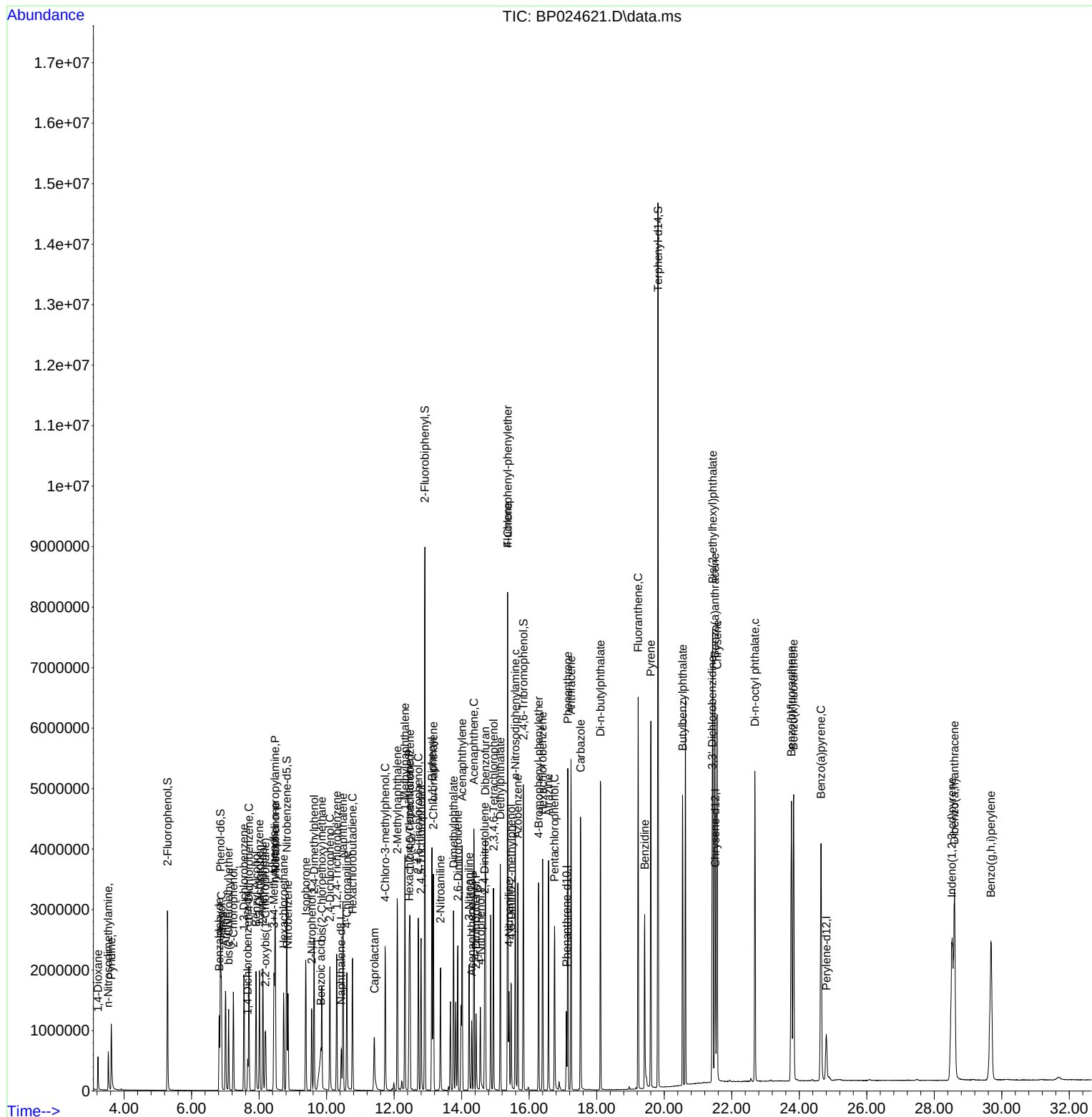
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Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

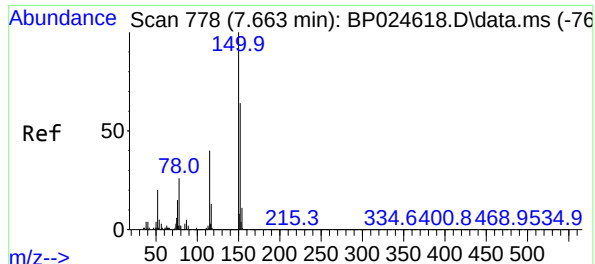
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations

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





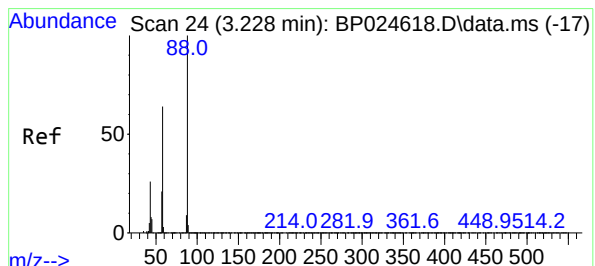
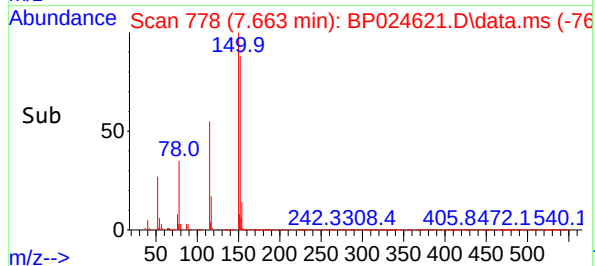
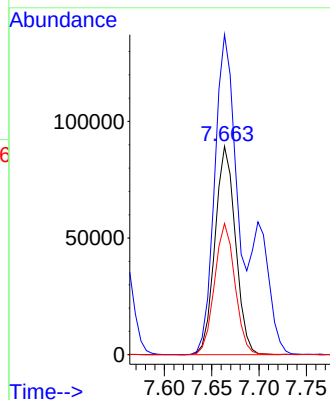
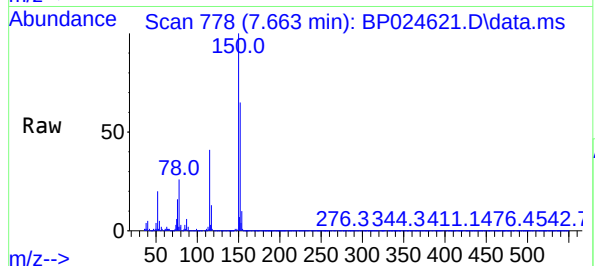
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

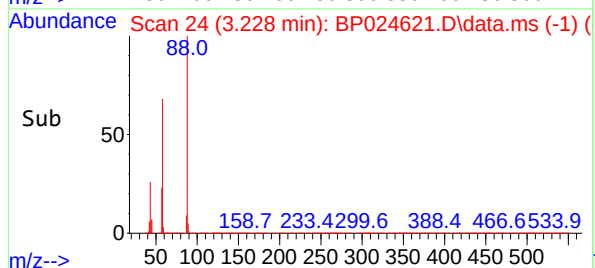
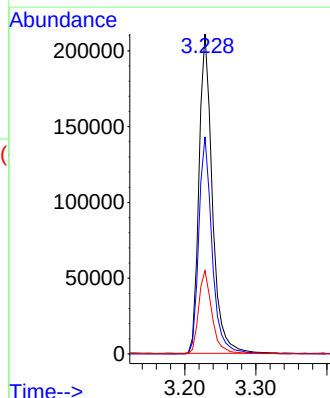
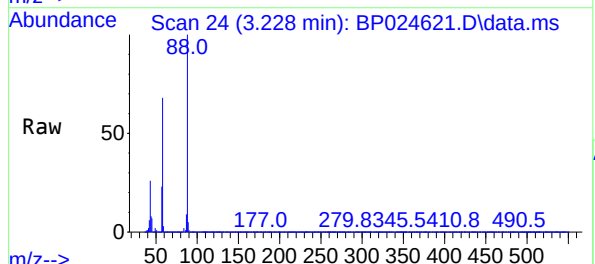
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

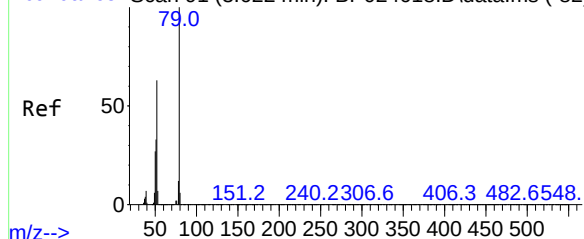


#2
1,4-Dioxane
Concen: 74.70 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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



Abundance Scan 91 (3.622 min): BP024618.D\data.ms (-82)



#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

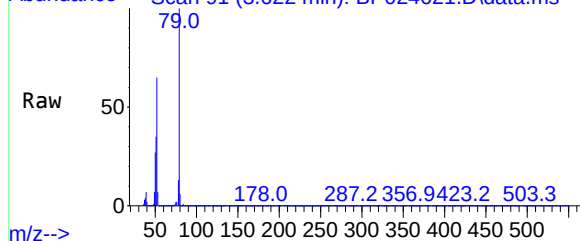
Manual Integrations

APPROVED

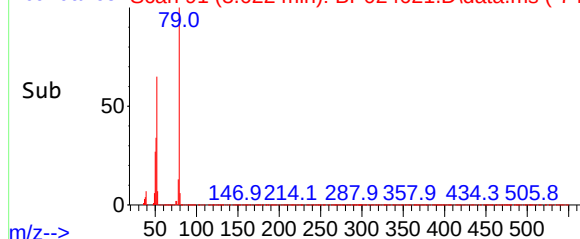
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

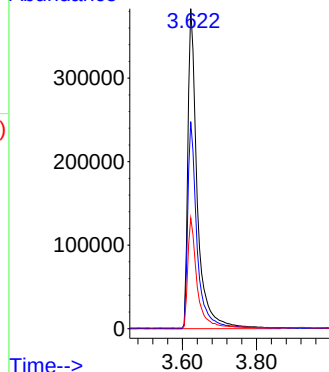
Abundance Scan 91 (3.622 min): BP024621.D\data.ms



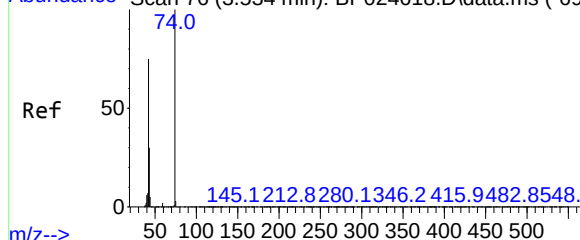
Abundance Scan 91 (3.622 min): BP024621.D\data.ms (-74)



Abundance



Abundance Scan 76 (3.534 min): BP024618.D\data.ms (-69)



#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

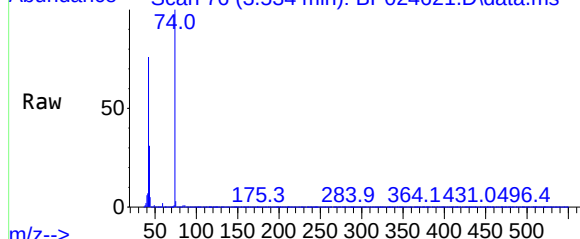
Ion Ratio Lower Upper

42 100

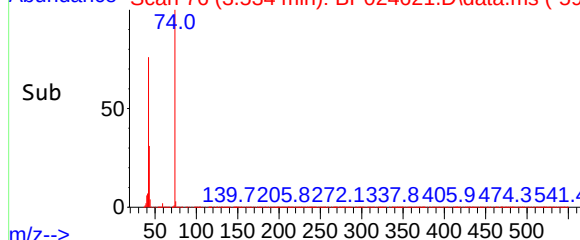
74 132.2 106.2 159.2

44 6.0 5.4 8.2

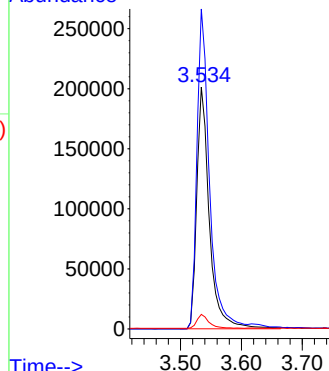
Abundance Scan 76 (3.534 min): BP024621.D\data.ms

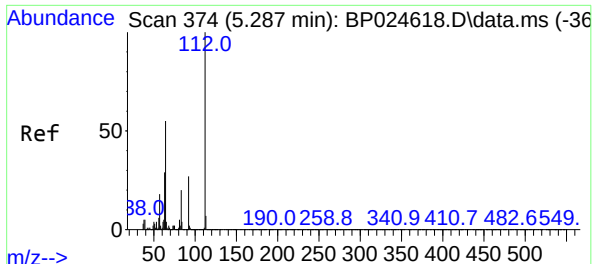


Abundance Scan 76 (3.534 min): BP024621.D\data.ms (-59)



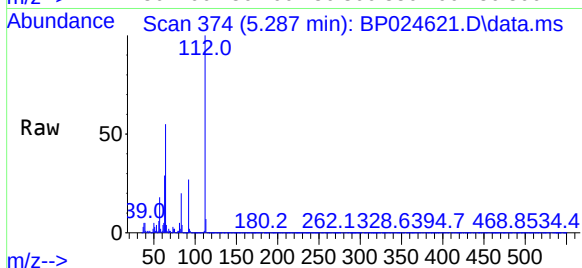
Abundance





#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

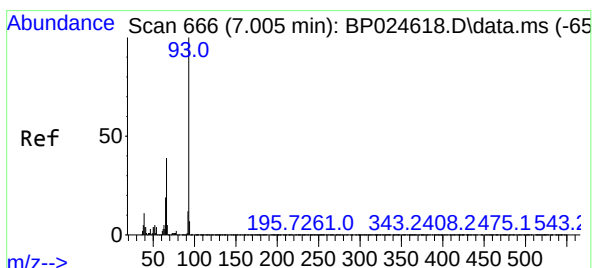
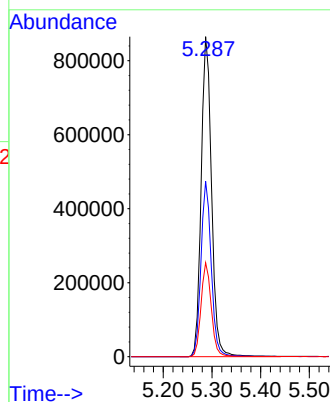
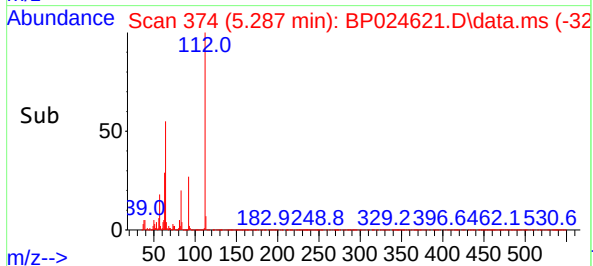
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

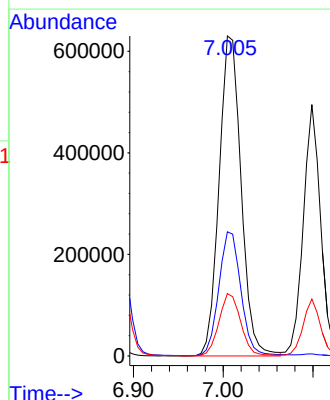
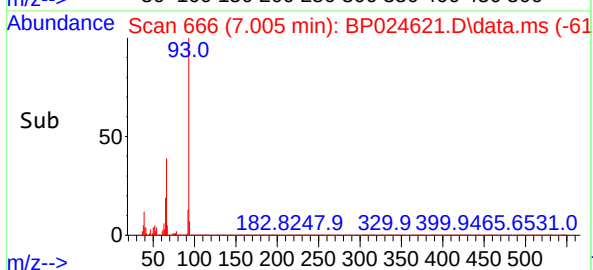
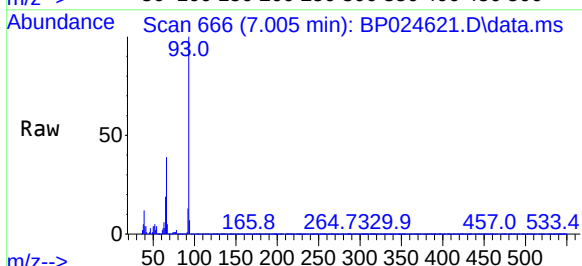
Manual Integrations
APPROVED

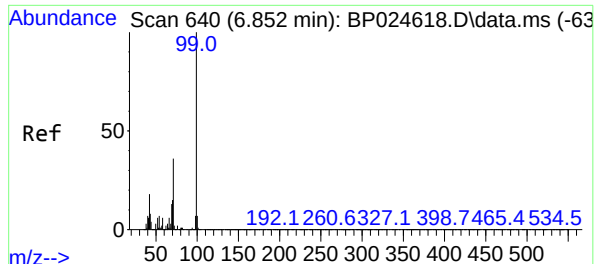
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

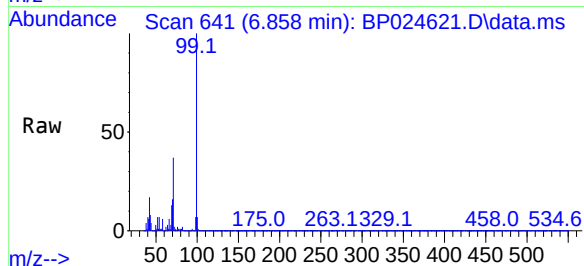
Tgt Ion: 93 Resp: 1075238
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.5 15.5 23.3





#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

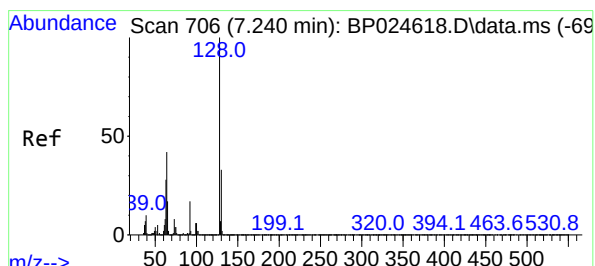
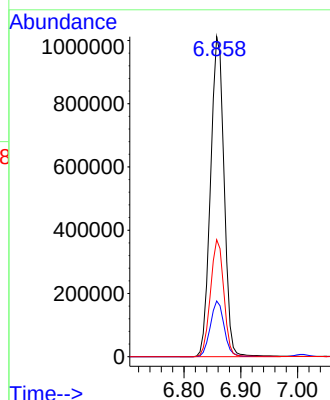
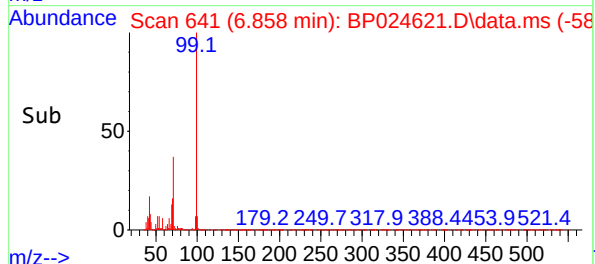
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

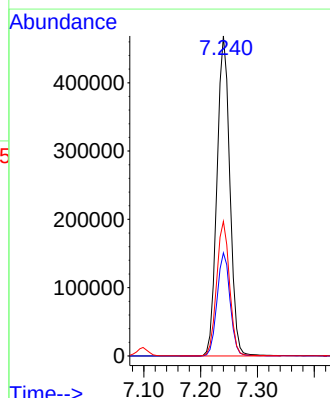
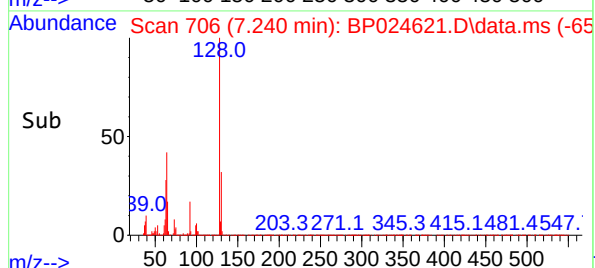
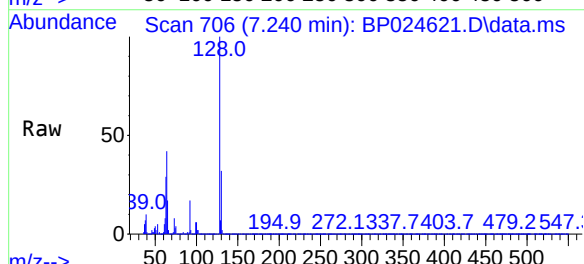
Manual Integrations
APPROVED

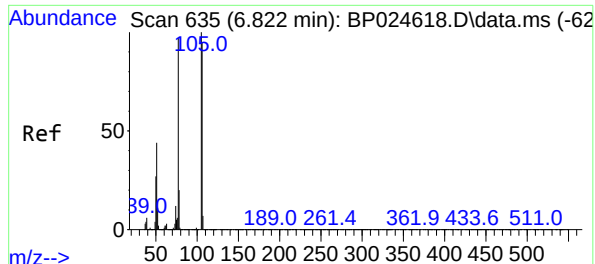
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

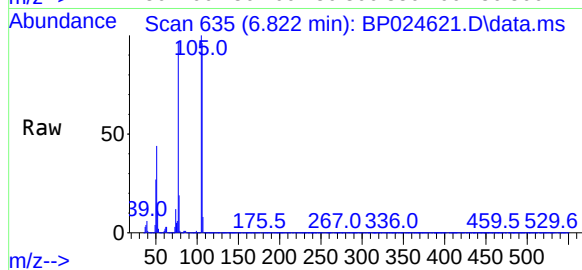
Tgt Ion:128 Resp: 740005
Ion Ratio Lower Upper
128 100
130 32.2 13.0 53.0
64 42.1 22.3 62.3





#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

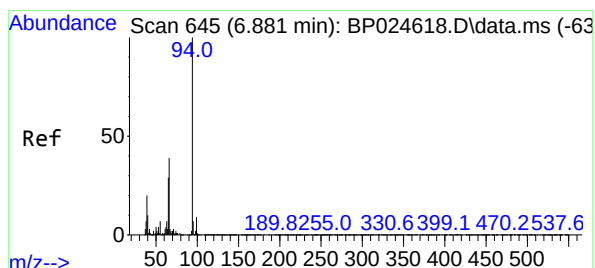
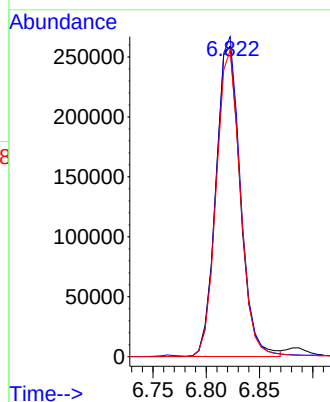
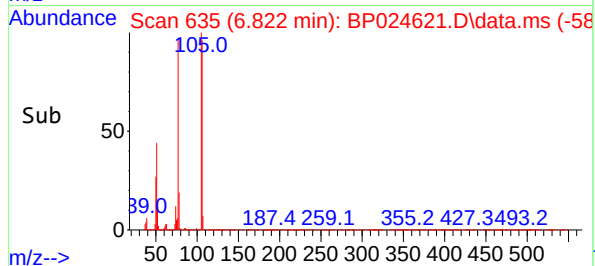
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

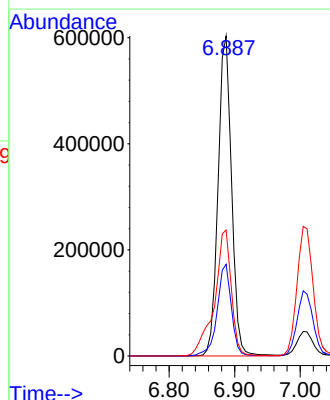
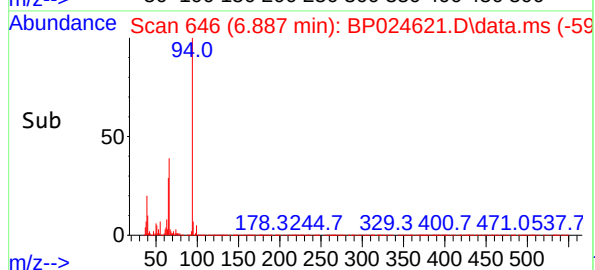
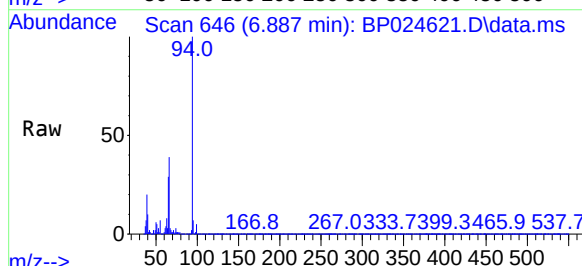
Manual Integrations
APPROVED

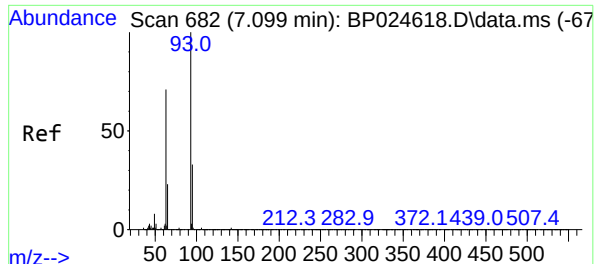
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





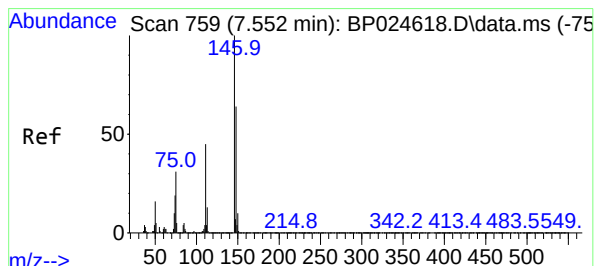
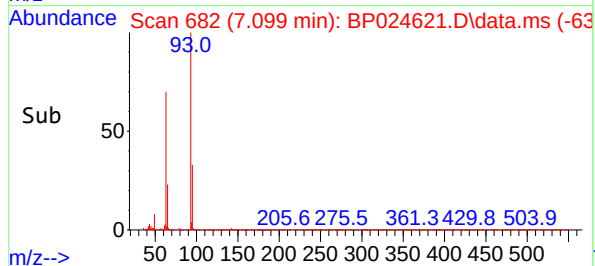
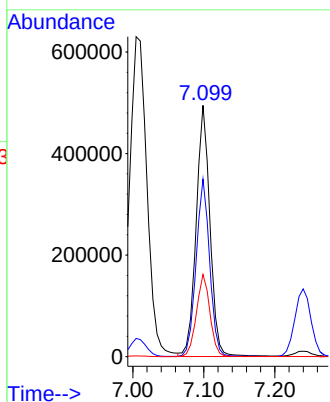
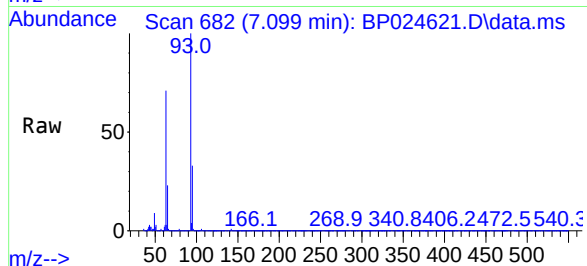
#11
bis(2-Chloroethyl)ether
Concen: 78.79 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

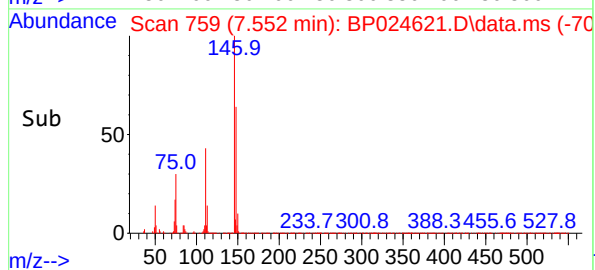
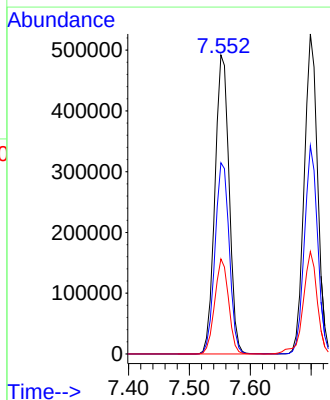
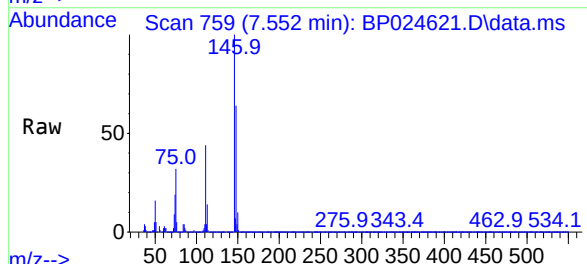
Manual Integrations
APPROVED

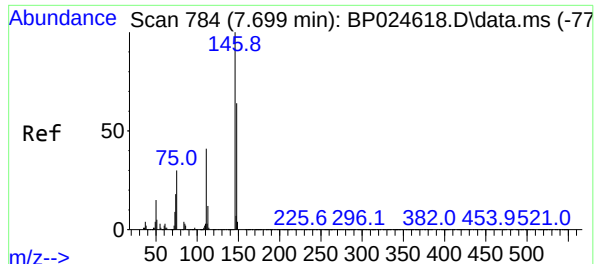
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

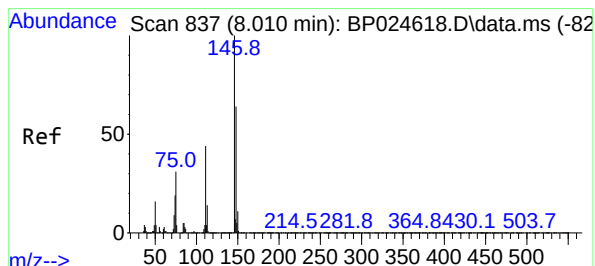
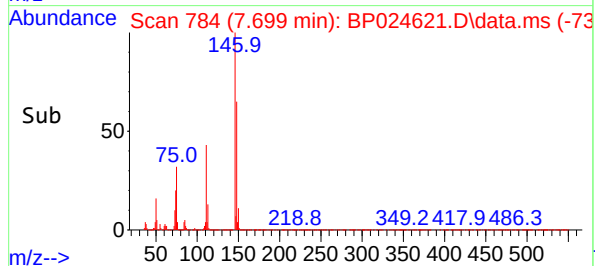
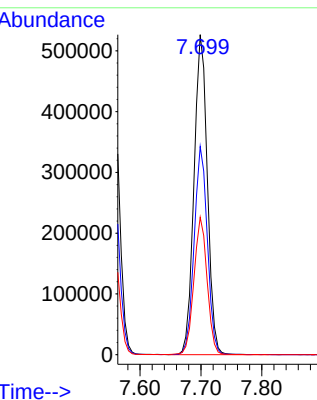
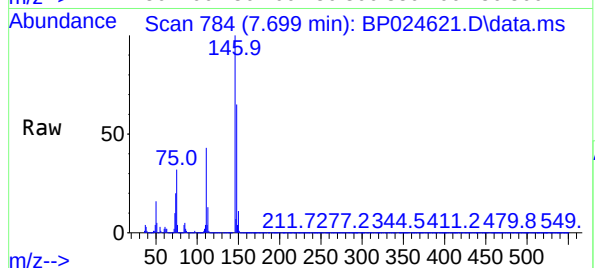
111 43.0 33.0 49.6

Manual Integrations

APPROVED

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

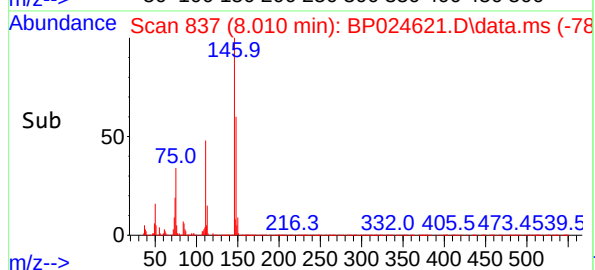
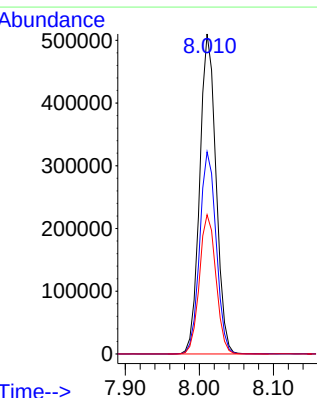
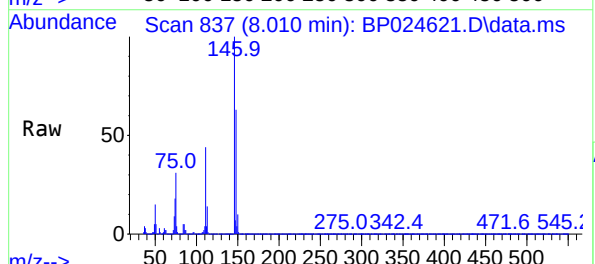
Tgt Ion:146 Resp: 779316

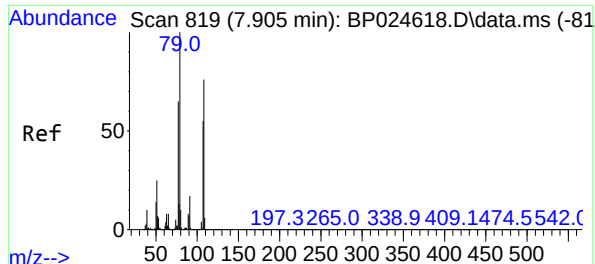
Ion Ratio Lower Upper

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

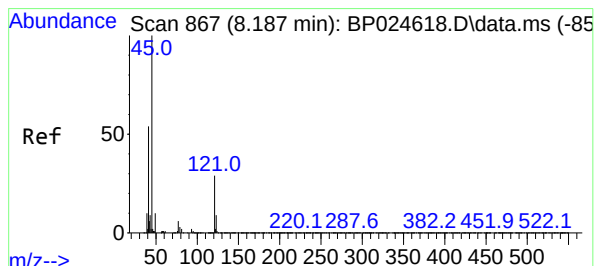
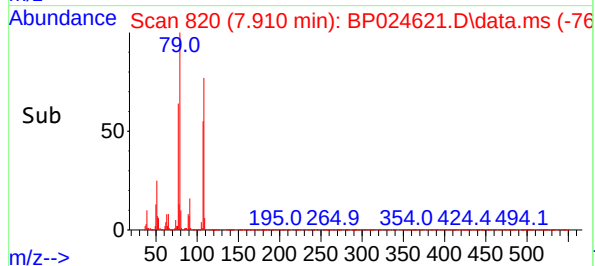
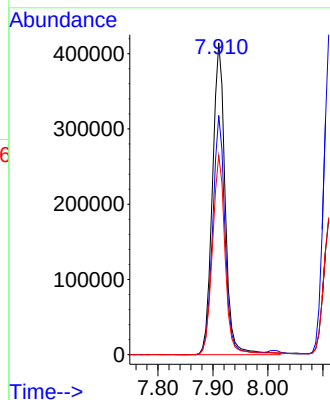
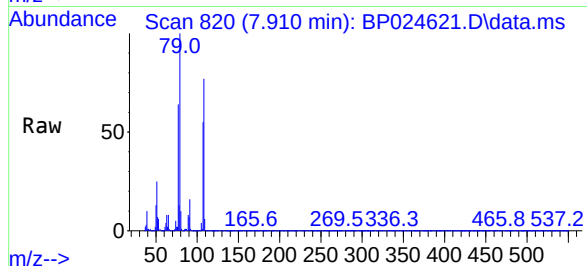
77 63.9 51.9 77.9

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

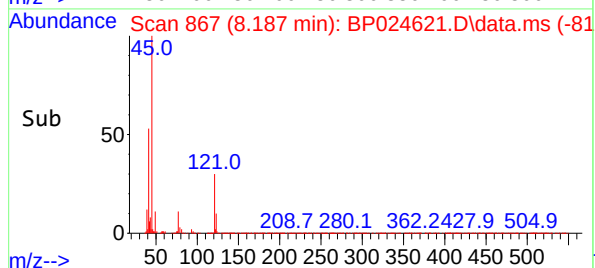
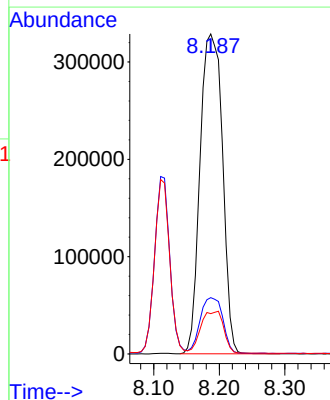
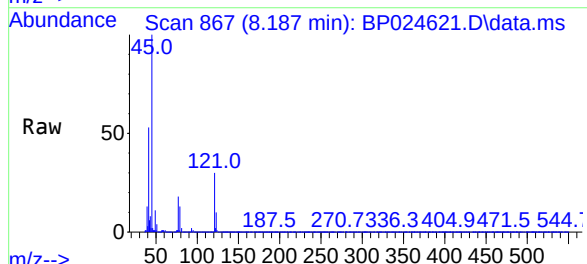
Tgt Ion: 45 Resp: 782240

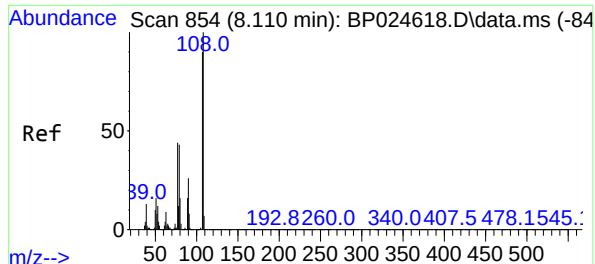
Ion Ratio Lower Upper

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

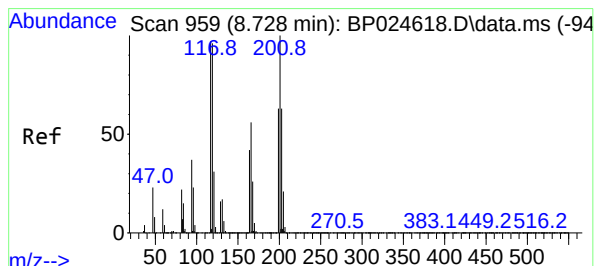
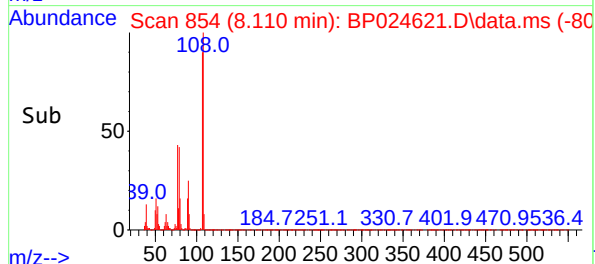
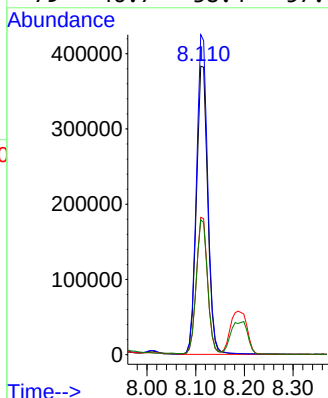
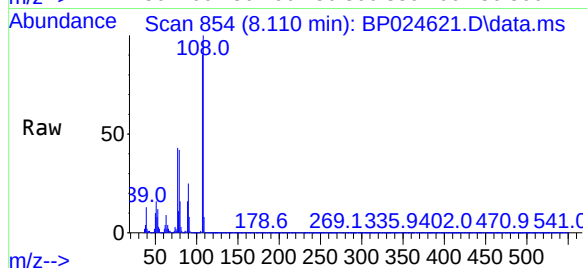
79 46.7 38.4 57.6

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

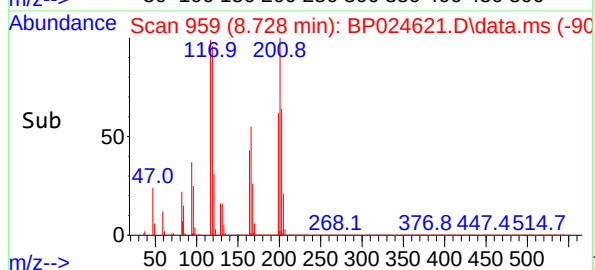
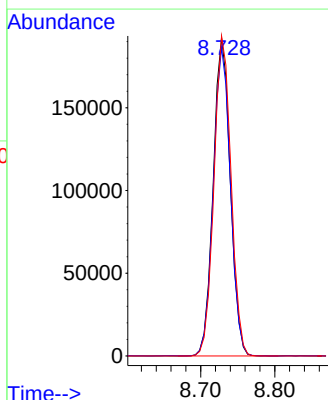
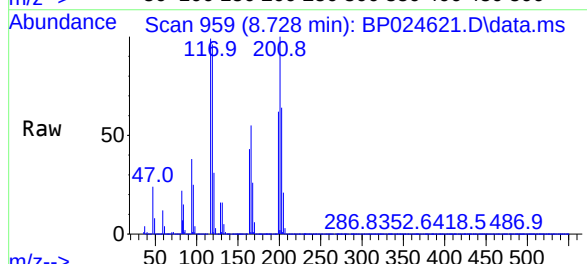
Tgt Ion:117 Resp: 306812

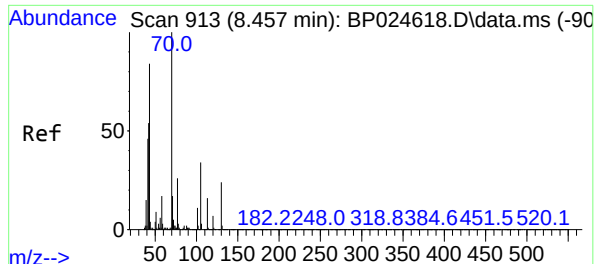
Ion Ratio Lower Upper

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

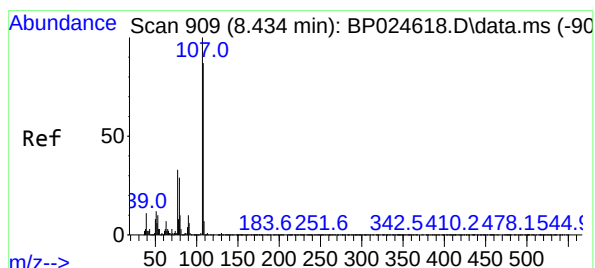
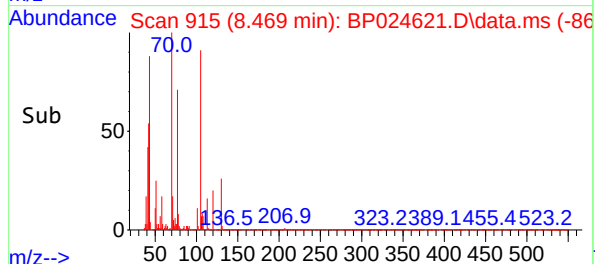
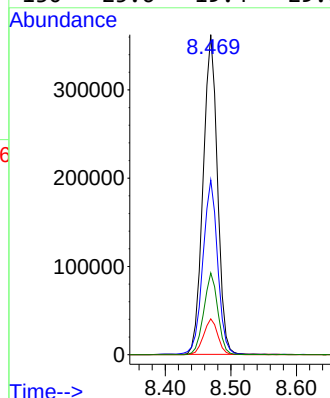
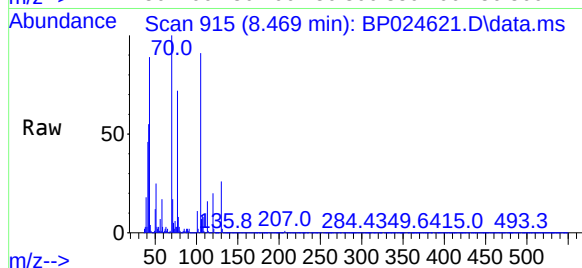
130 25.6 19.4 29.0

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

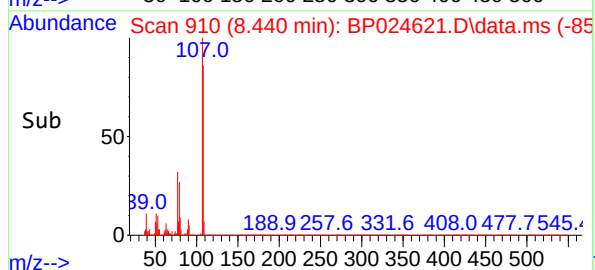
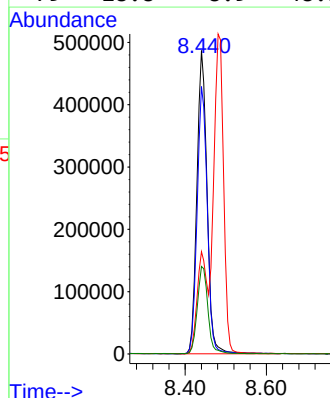
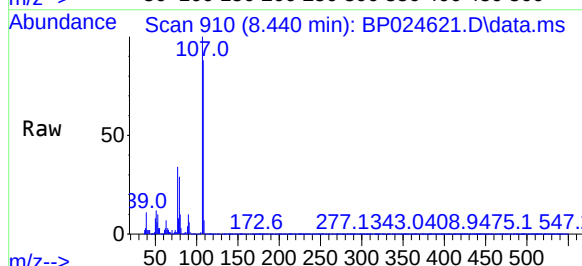
Ion Ratio Lower Upper

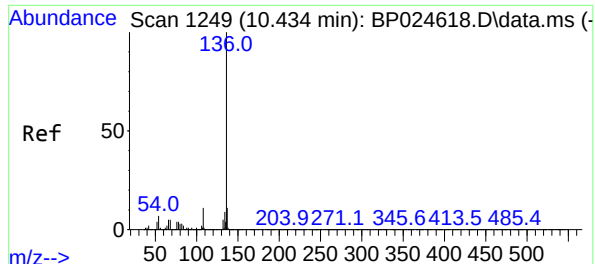
107 100

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: 58432

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.1 5.5 8.3

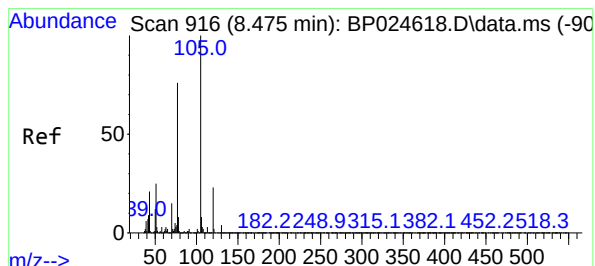
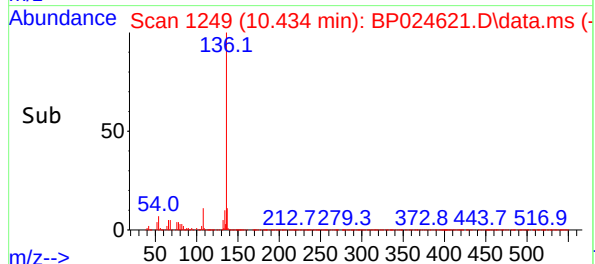
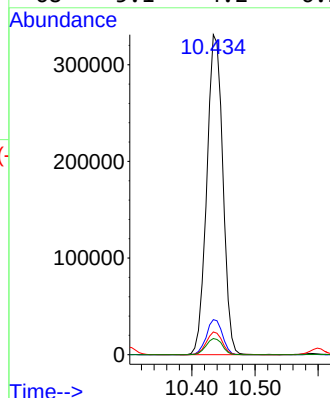
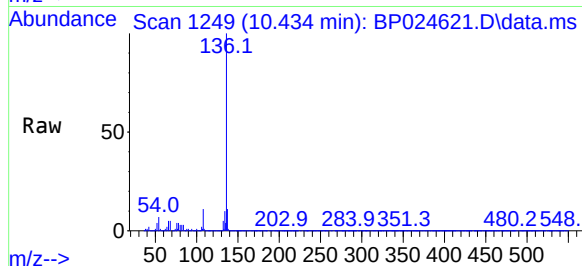
68 5.1 4.2 6.2

Manual Integrations

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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

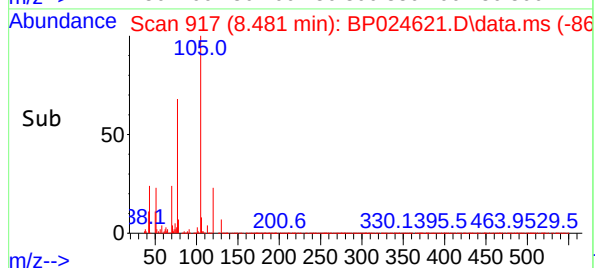
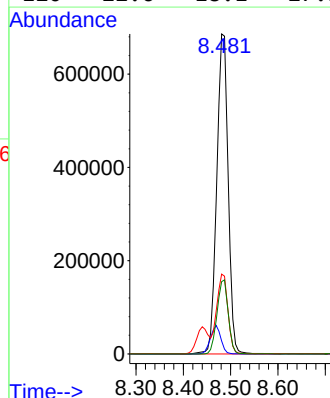
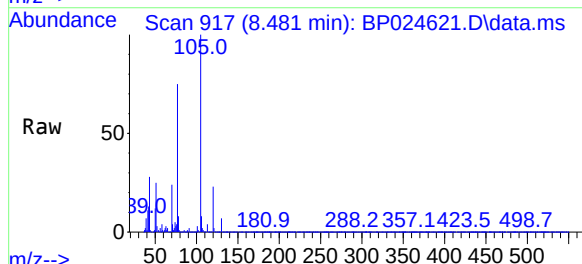
Ion Ratio Lower Upper

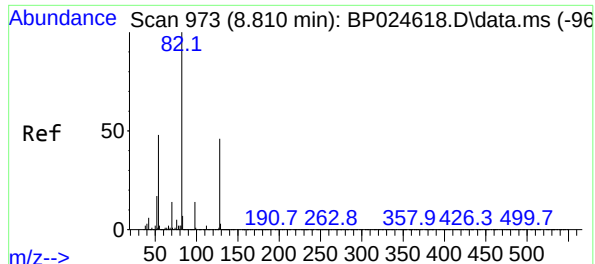
105 100

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

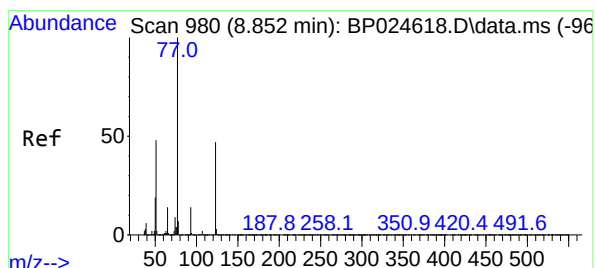
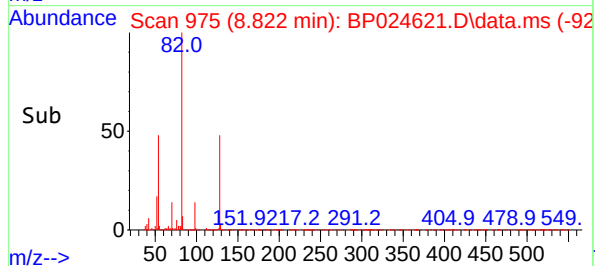
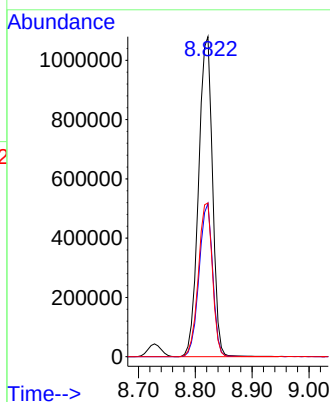
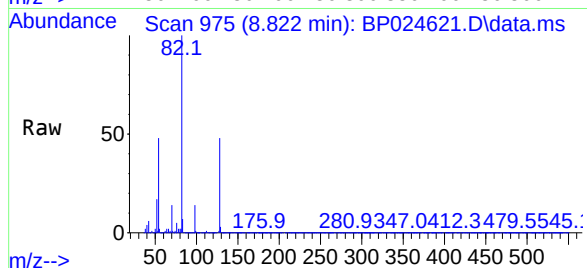
54 48.0 38.7 58.1

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

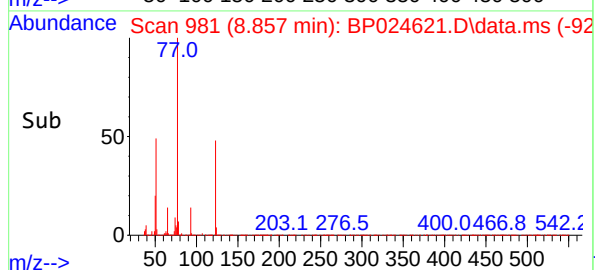
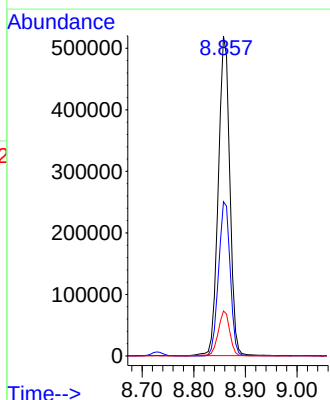
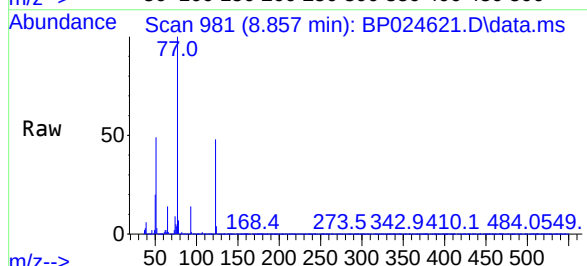
Tgt Ion: 77 Resp: 804153

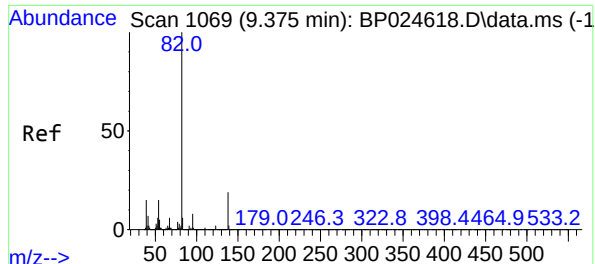
Ion Ratio Lower Upper

77 100

123 48.2 37.4 56.0

65 14.0 11.3 16.9





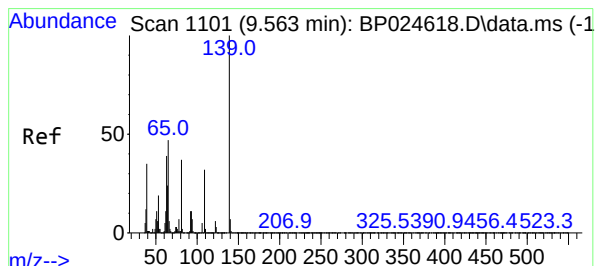
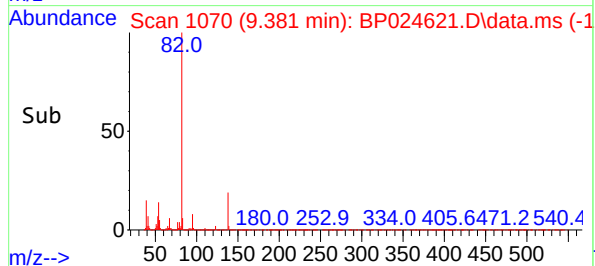
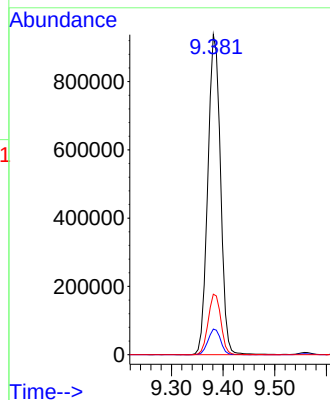
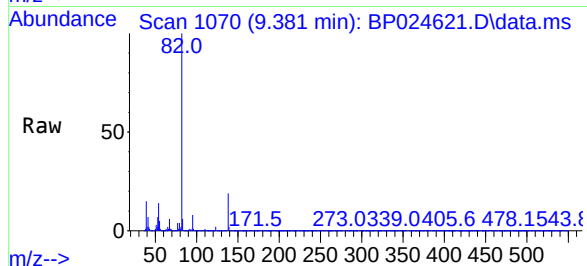
#25
Isophorone
Concen: 79.42 ng
RT: 9.381 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1593235
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 18.9 15.3 22.9

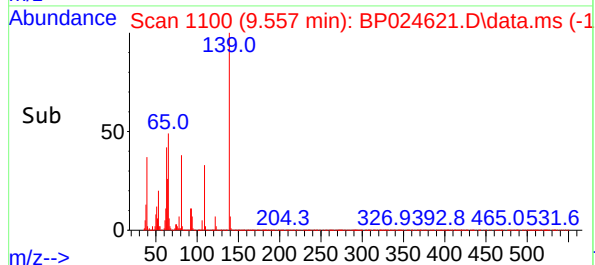
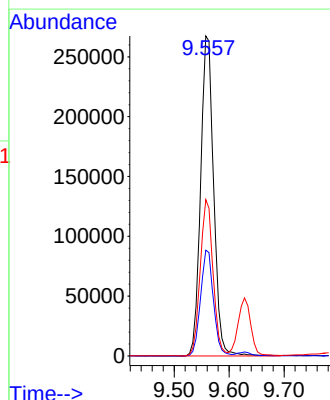
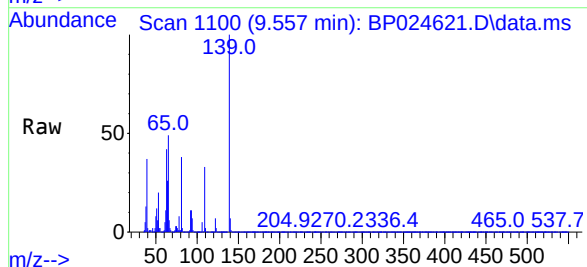
Manual Integrations
APPROVED

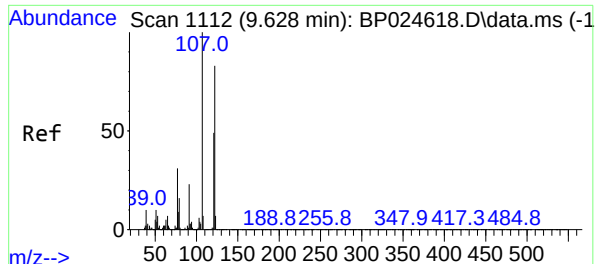
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

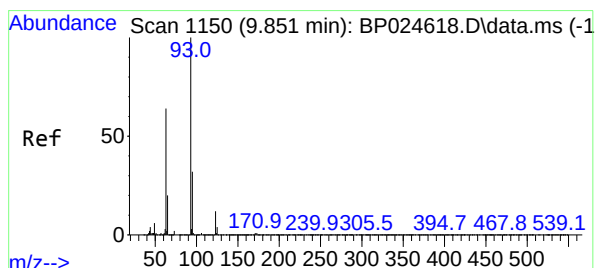
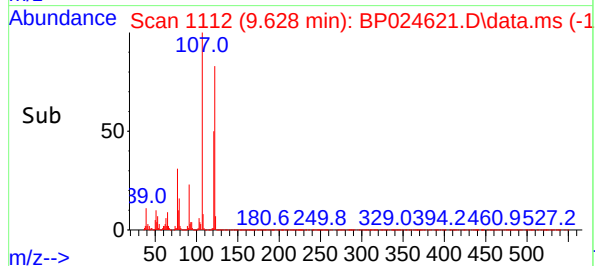
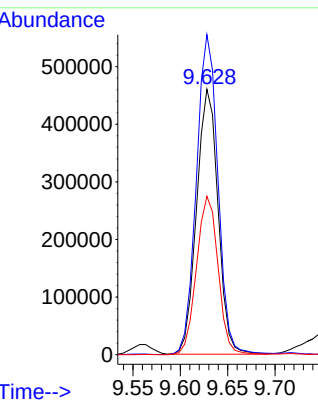
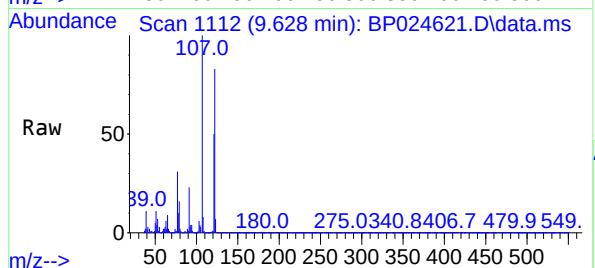
121 59.7 47.6 71.4

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

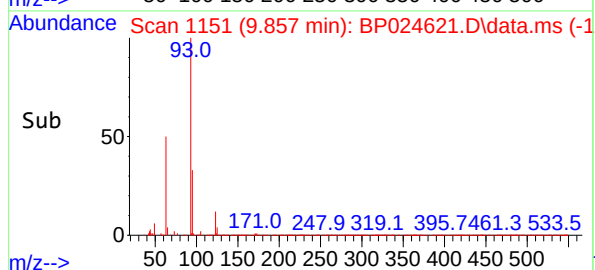
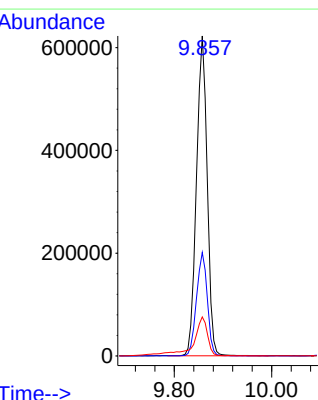
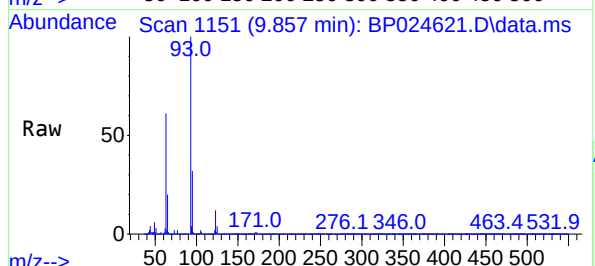
Tgt Ion: 93 Resp: 946615

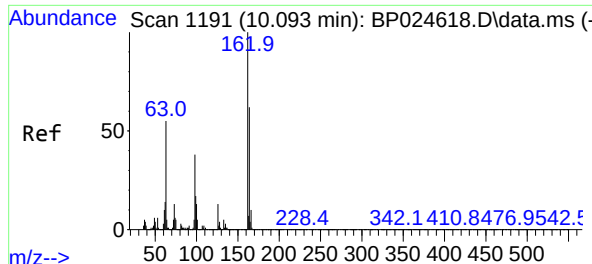
Ion Ratio Lower Upper

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

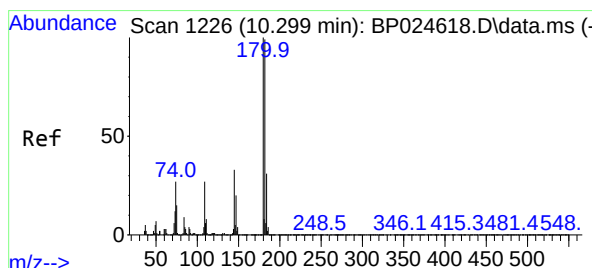
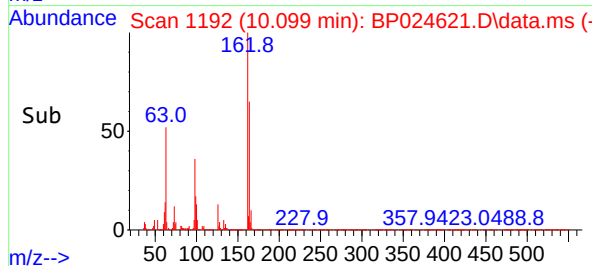
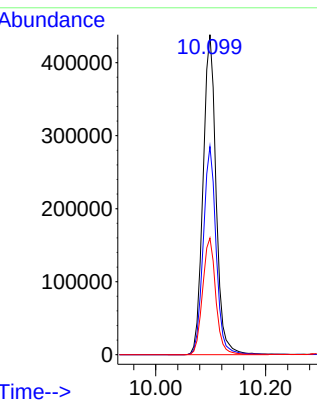
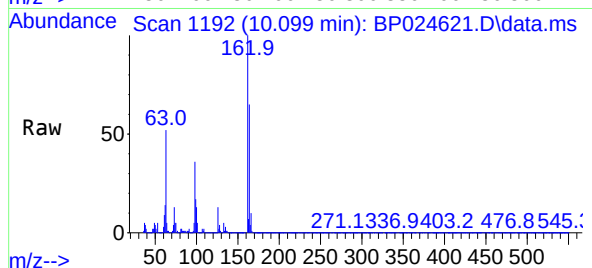
98 36.5 18.4 58.4

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

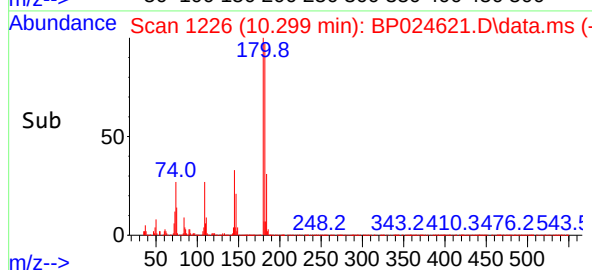
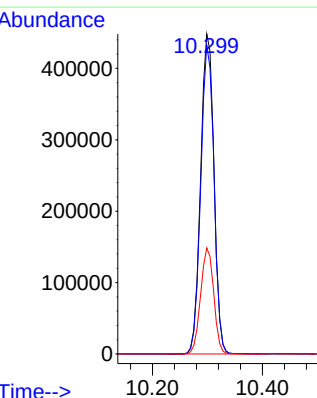
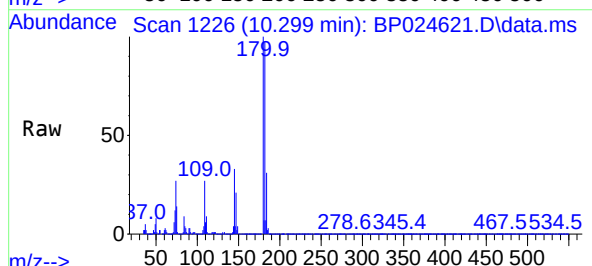
Tgt Ion:180 Resp: 755529

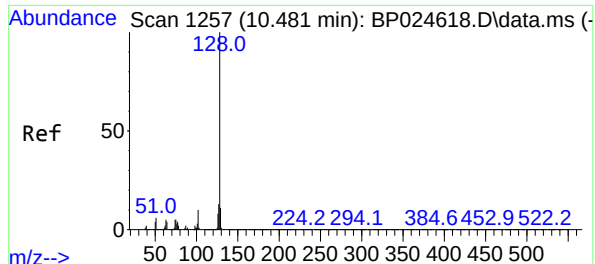
Ion Ratio Lower Upper

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 :

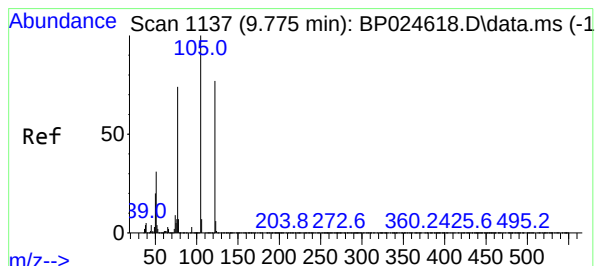
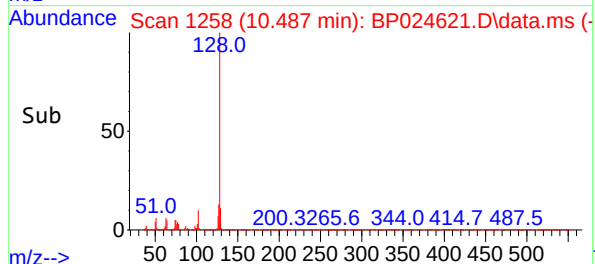
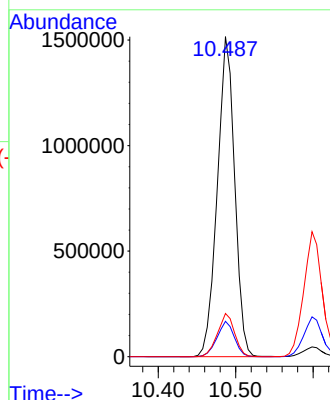
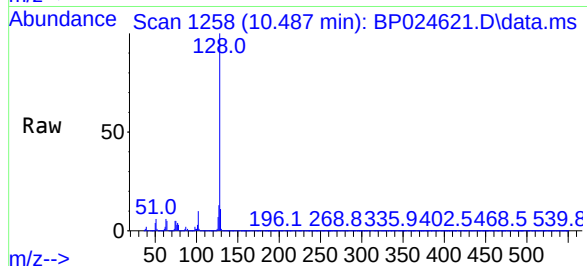
SSTDICC080

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

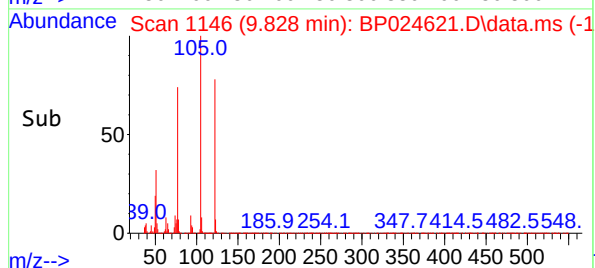
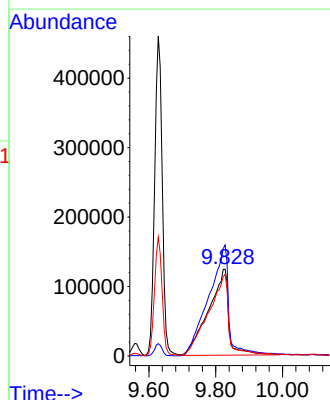
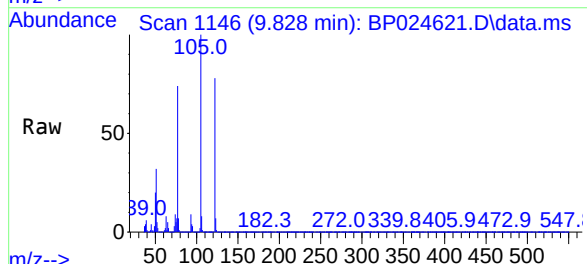
APPROVED

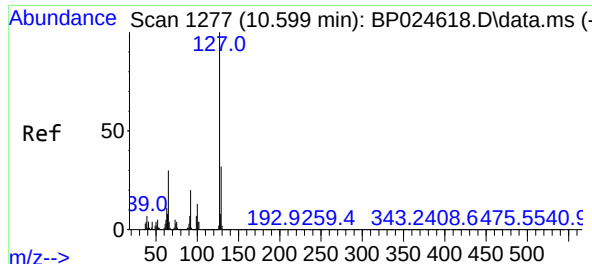
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

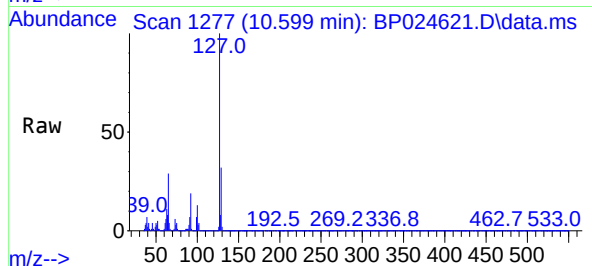
Tgt Ion:122 Resp: 525308
Ion Ratio Lower Upper
122 100
105 127.9 106.9 146.9
77 94.2 75.1 115.1





#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

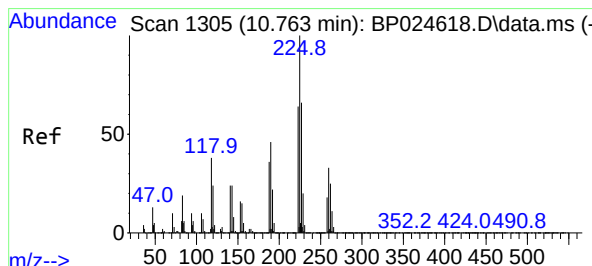
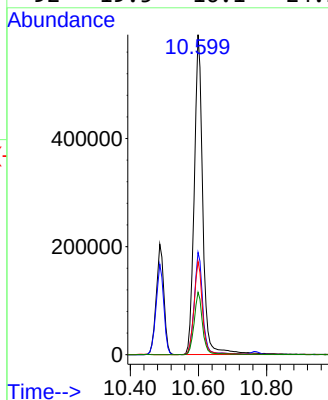
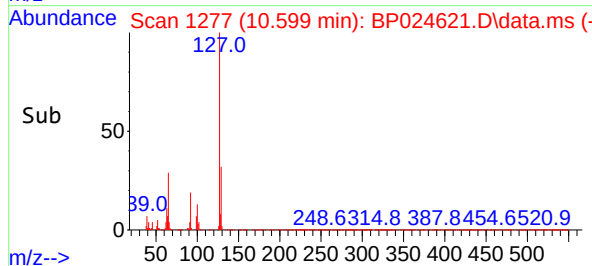
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

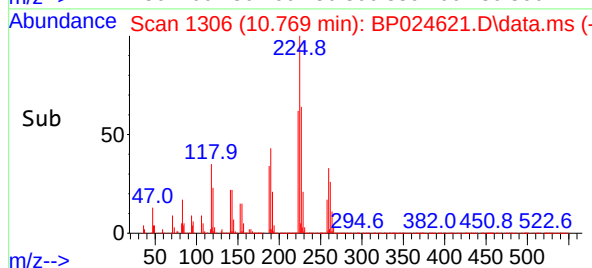
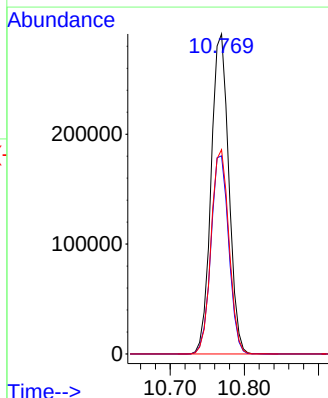
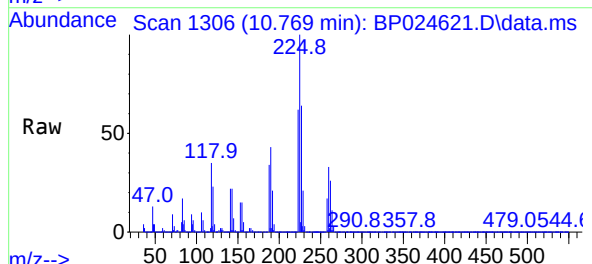
Manual Integrations
APPROVED

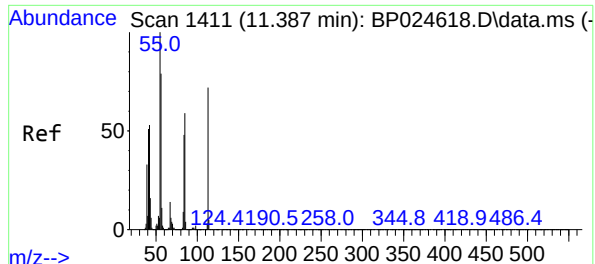
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

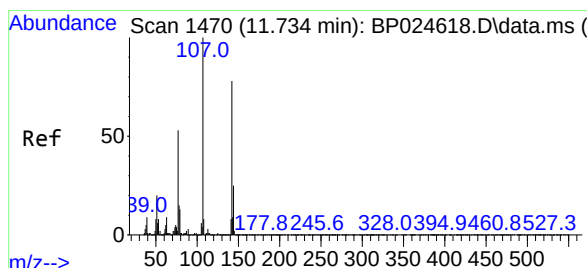
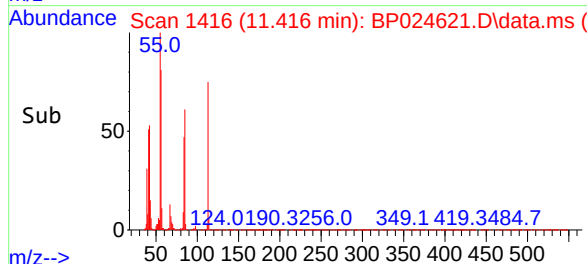
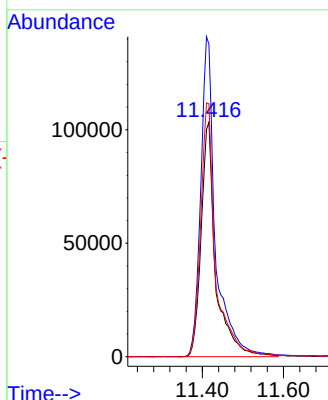
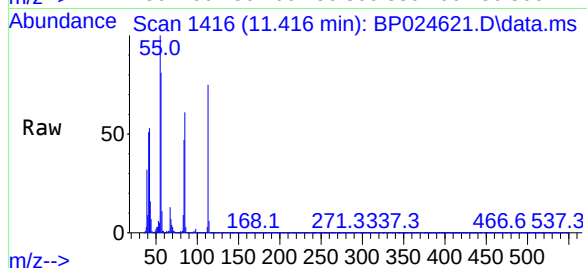
56 107.8 90.3 130.3

Manual Integrations

APPROVED

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

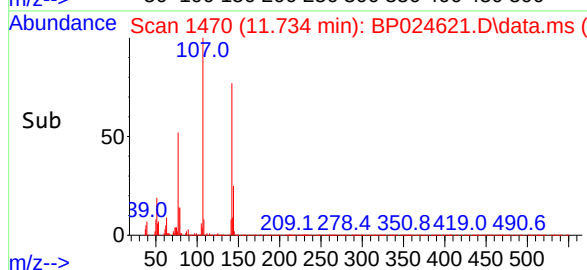
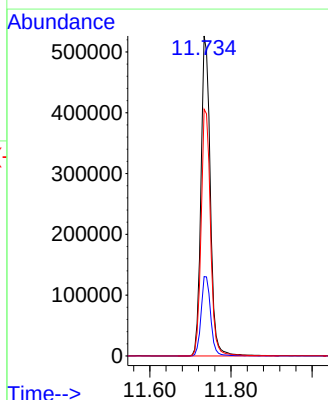
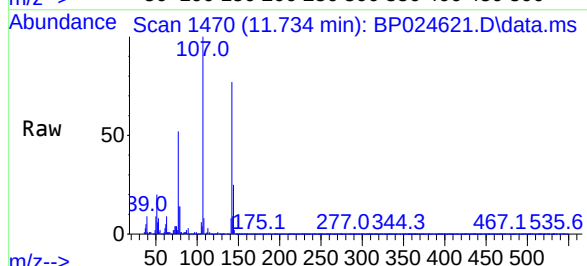
Tgt Ion:107 Resp: 838983

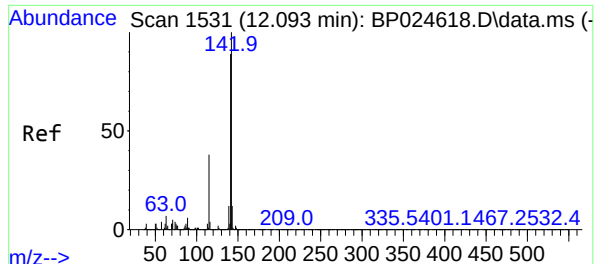
Ion Ratio Lower Upper

107 100

144 24.8 20.1 30.1

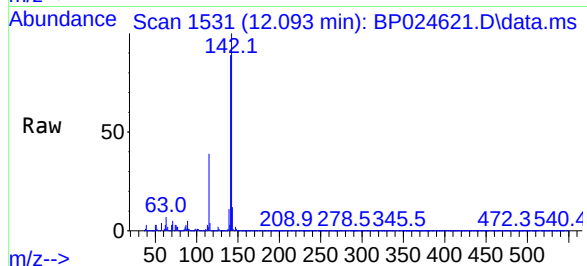
142 77.1 62.1 93.1





#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

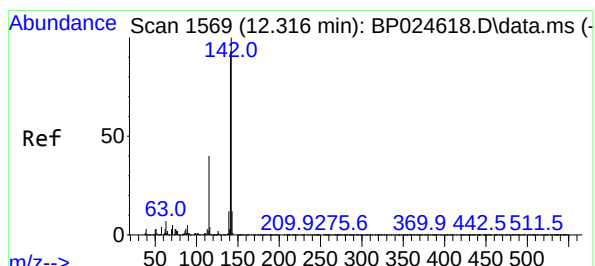
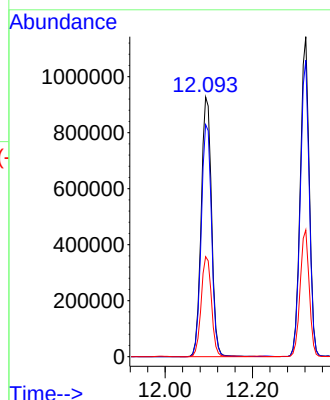
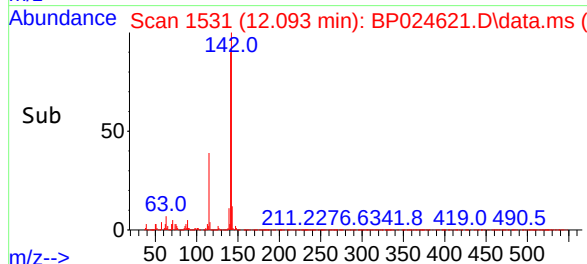
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



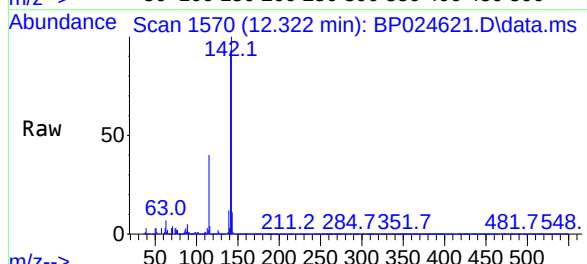
Tgt Ion:142 Resp: 152944
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8
115 38.5 30.6 46.0

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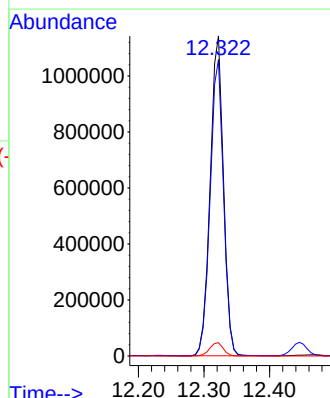
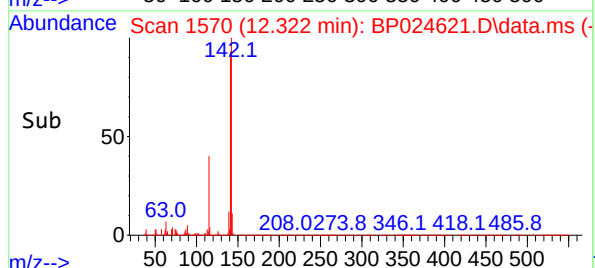
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

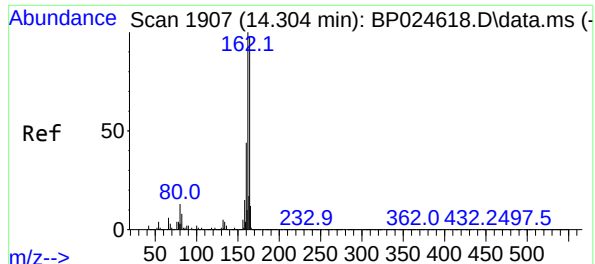


#38
1-Methylnaphthalene
Concen: 76.92 ng
RT: 12.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



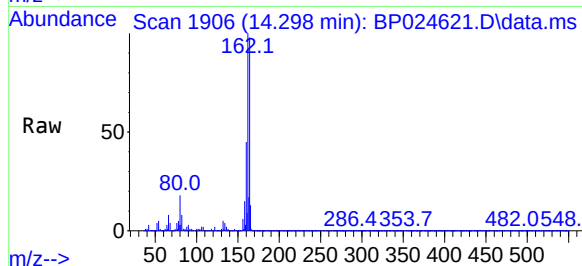
Tgt Ion:142 Resp: 1613775
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1
116 4.1 3.4 5.2





#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

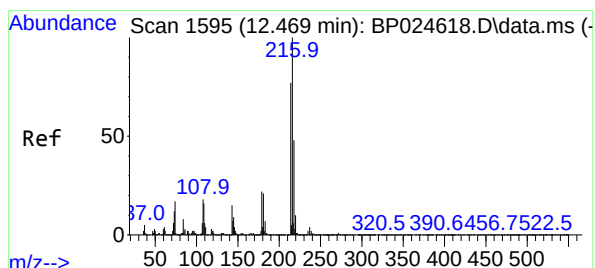
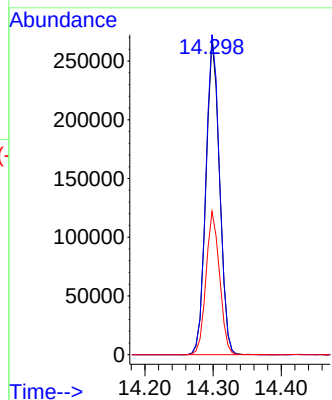
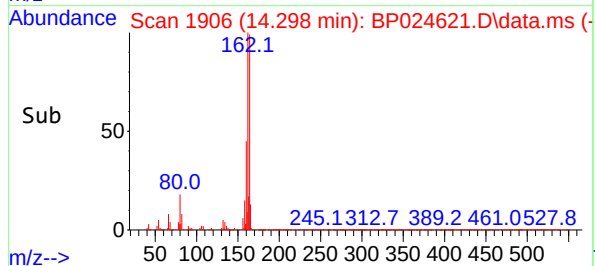
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:164 Resp: 37357
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 45.5 36.3 54.5

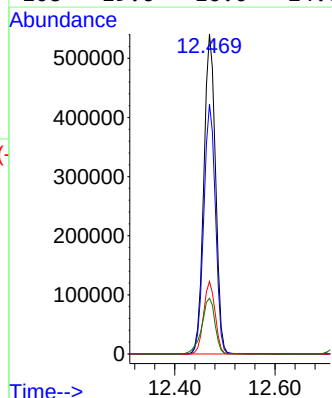
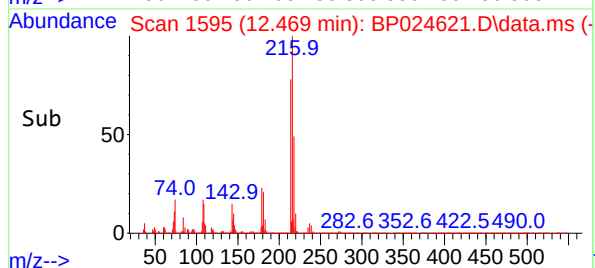
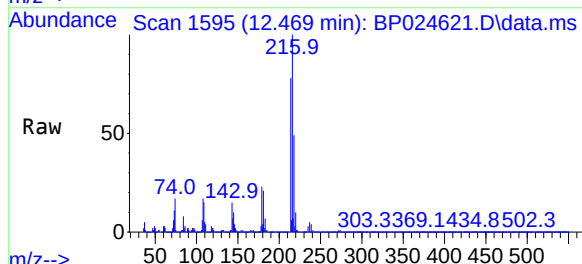
Manual Integrations
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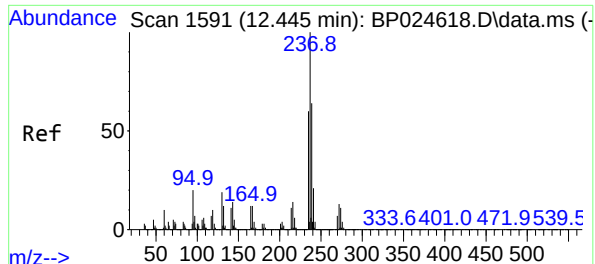
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

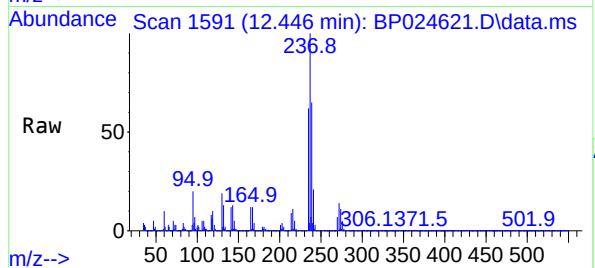
Tgt Ion:216 Resp: 875750
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 22.4 17.7 26.5
108 19.6 16.0 24.0





#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

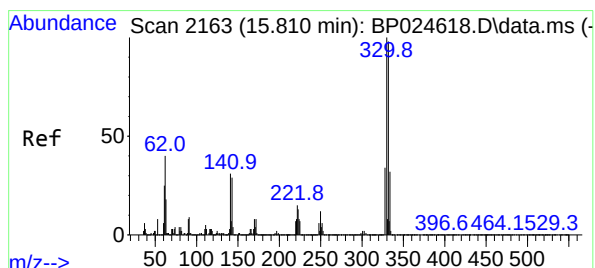
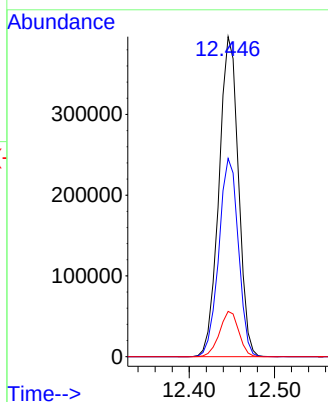
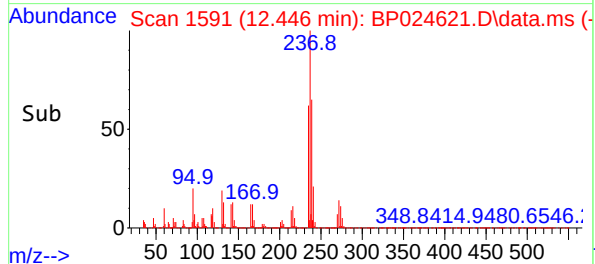
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

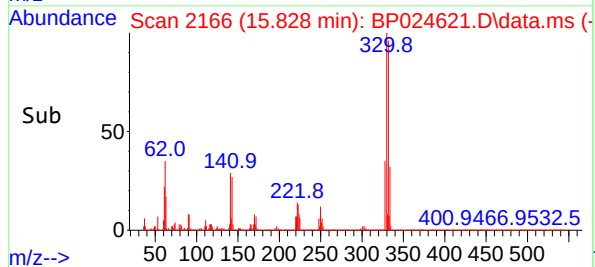
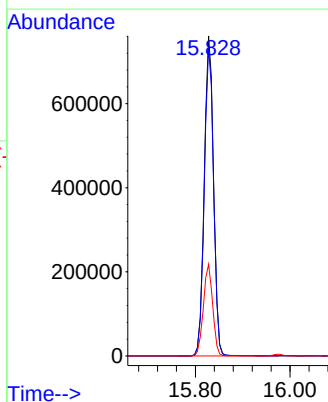
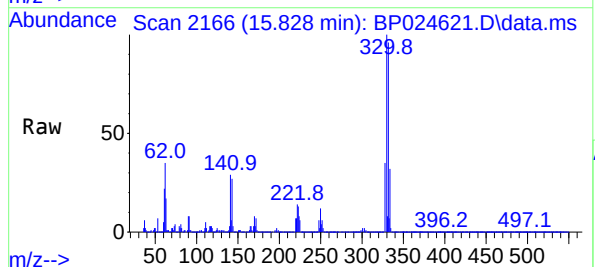
Manual Integrations
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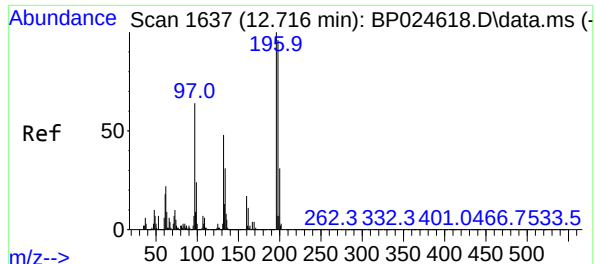
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

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





#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

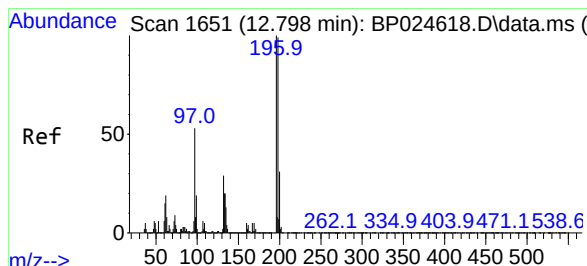
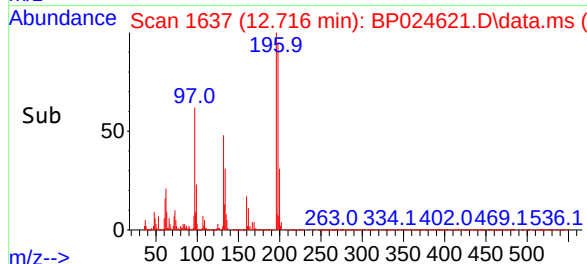
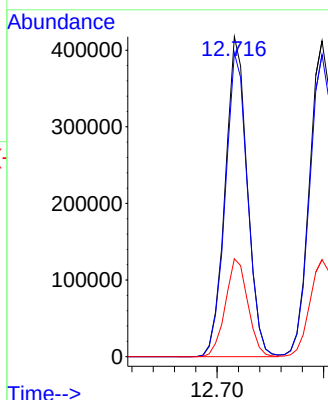
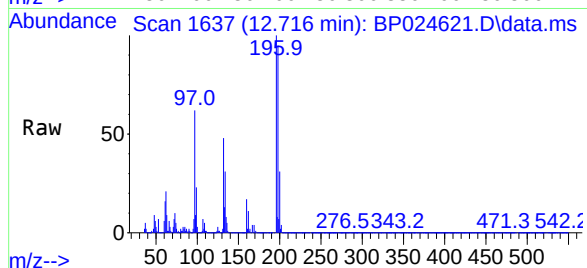
200 30.6 25.2 37.8

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: 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

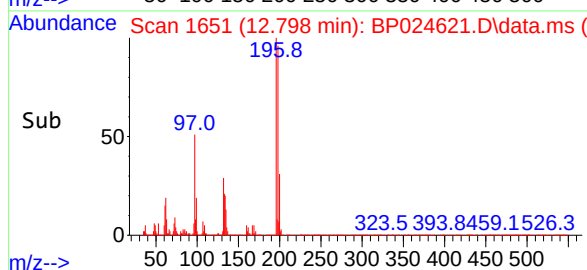
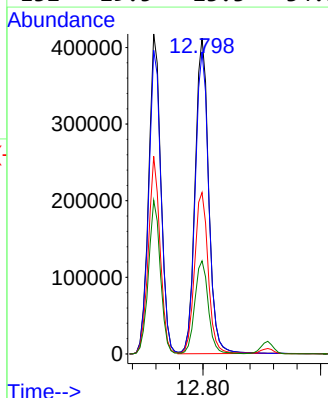
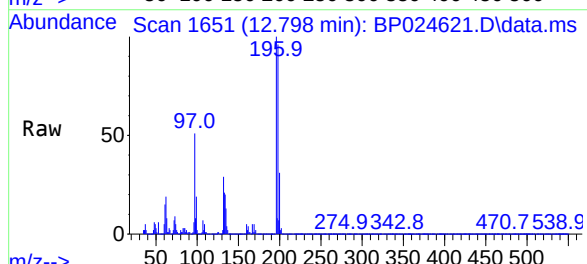
Ion Ratio Lower Upper

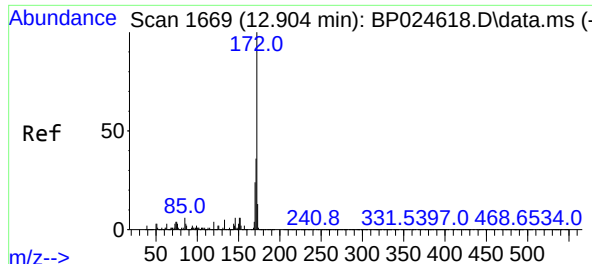
196 100

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# 1

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

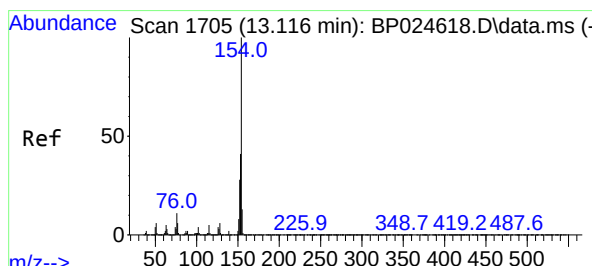
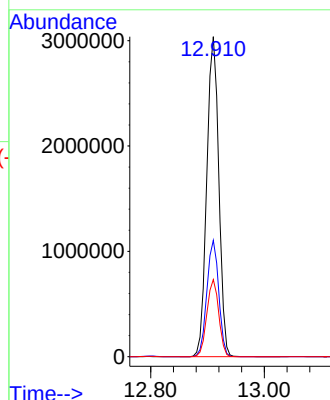
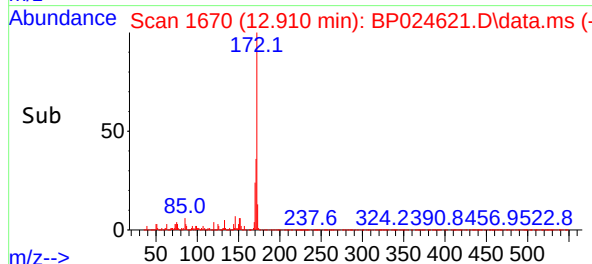
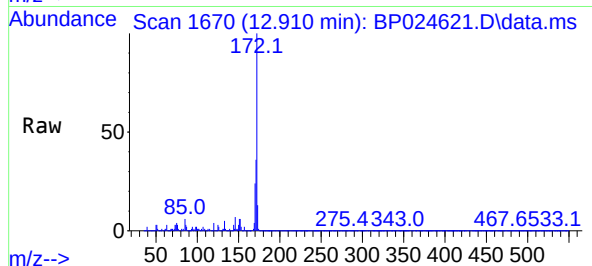
170 24.1 18.8 28.2

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

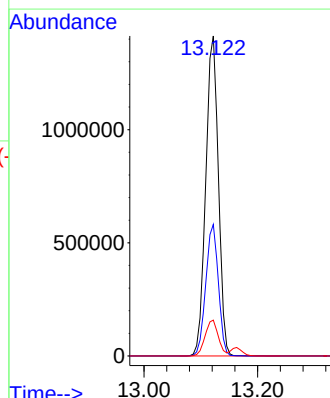
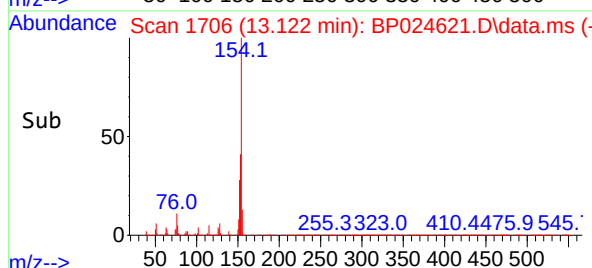
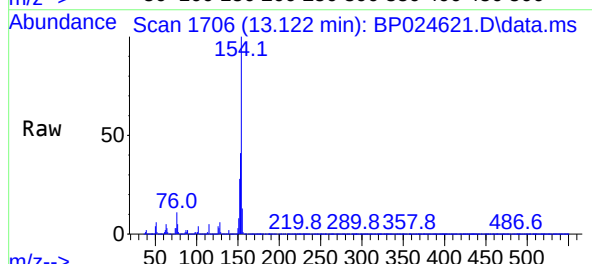
Tgt Ion:154 Resp: 2175624

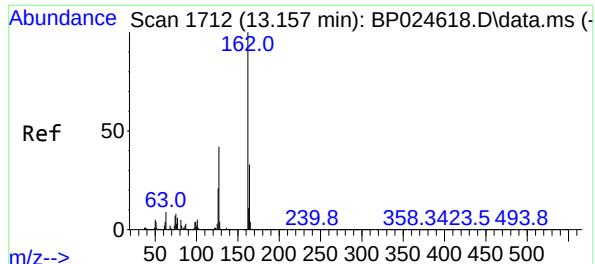
Ion Ratio Lower Upper

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 :

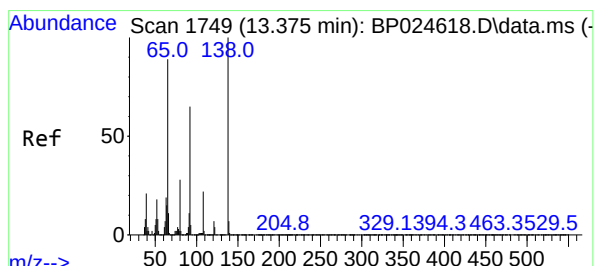
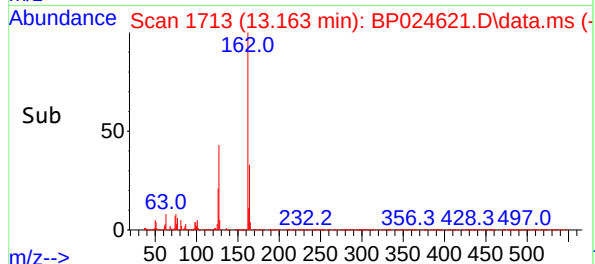
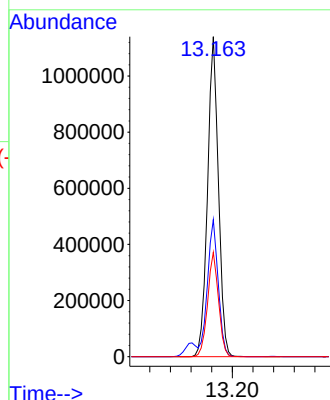
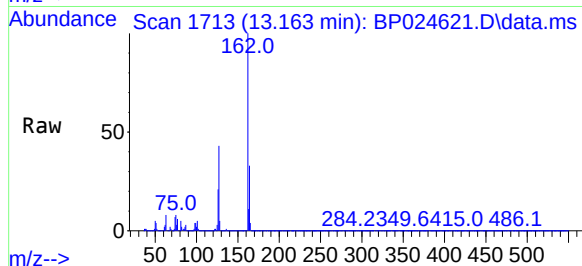
SSTDICC080

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

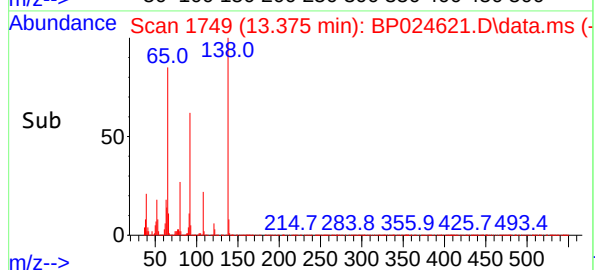
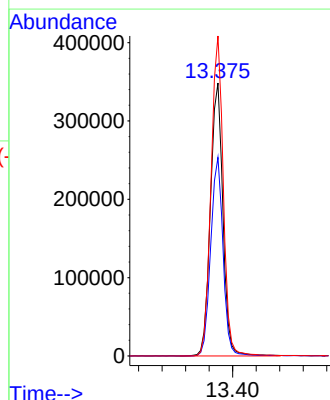
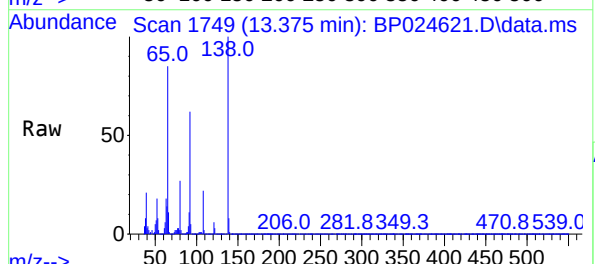
APPROVED

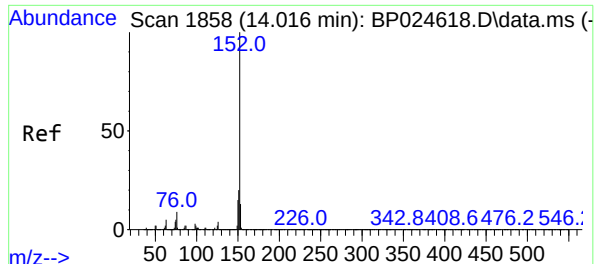
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

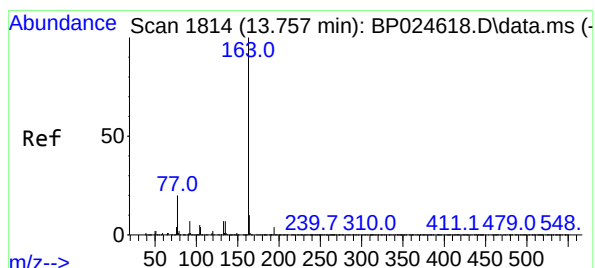
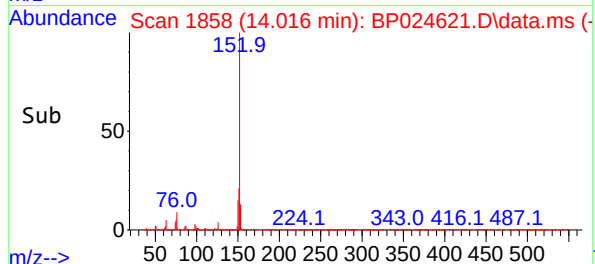
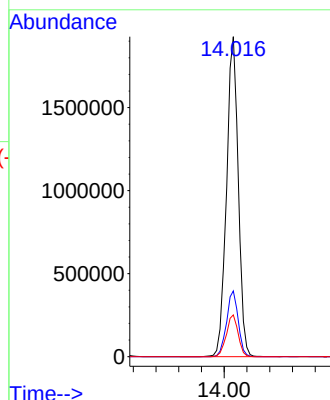
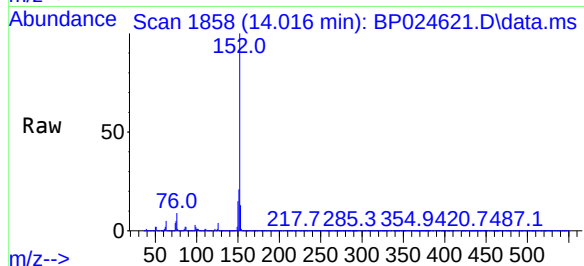
153 13.1 10.2 15.4

Manual Integrations

APPROVED

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

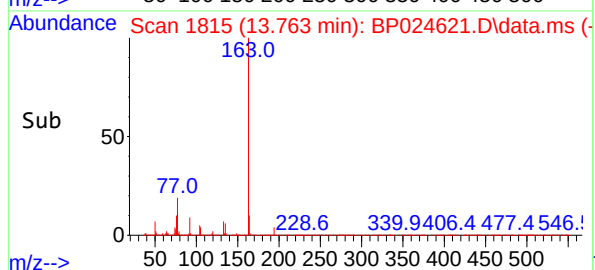
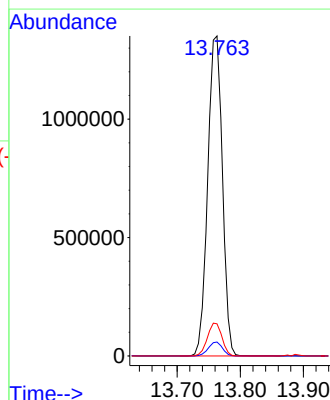
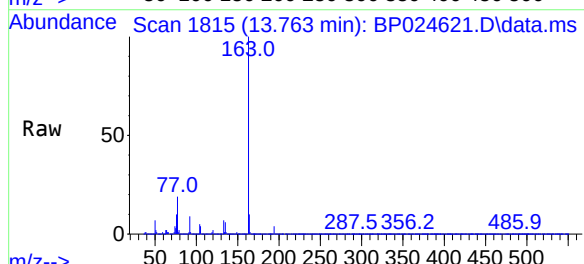
Tgt Ion:163 Resp: 2182359

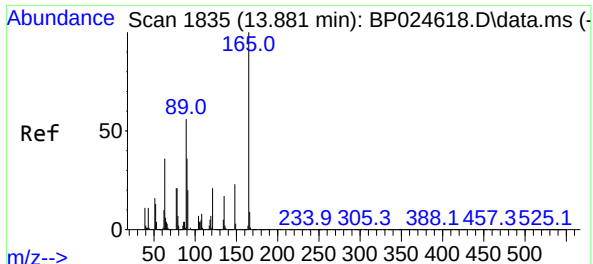
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.0 8.1 12.1





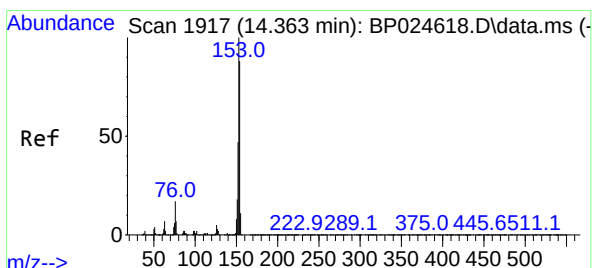
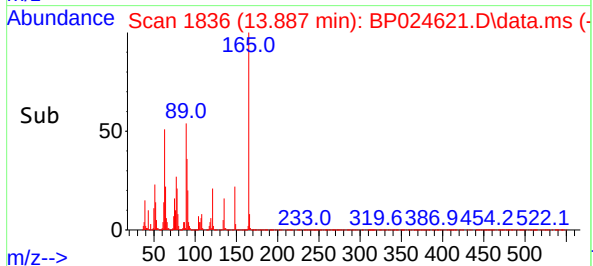
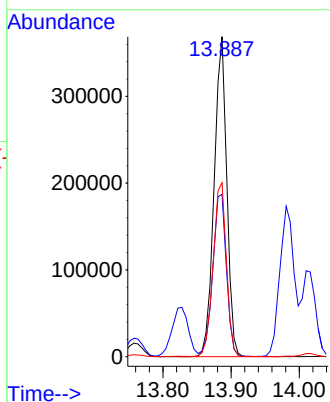
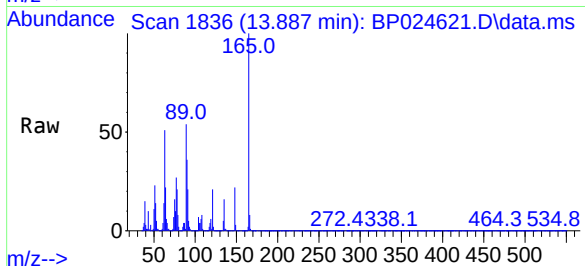
#51
2,6-Dinitrotoluene
Concen: 79.26 ng
RT: 13.887 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

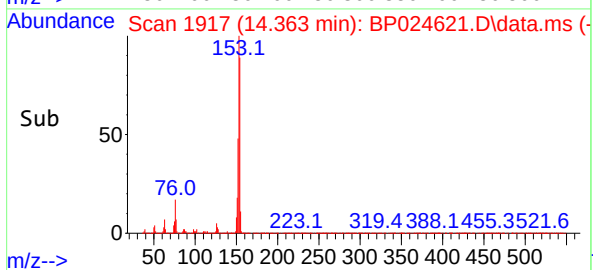
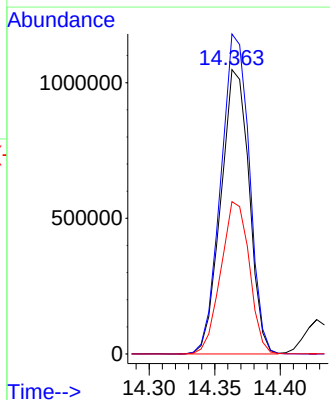
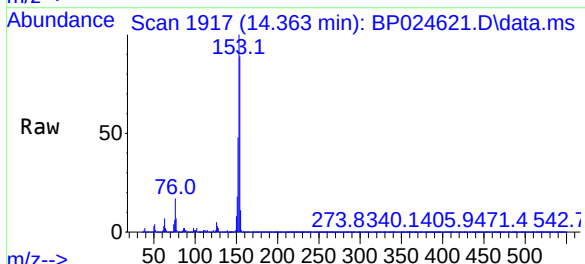
Manual Integrations
APPROVED

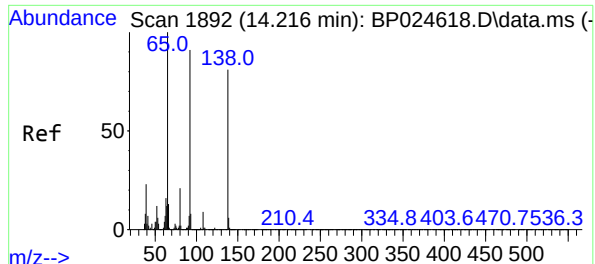
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

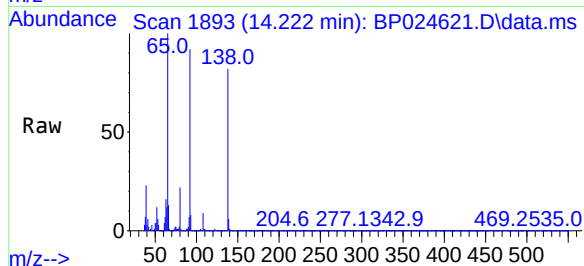
Tgt Ion:154 Resp: 1572103
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.4
152 53.6 42.9 64.3





#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

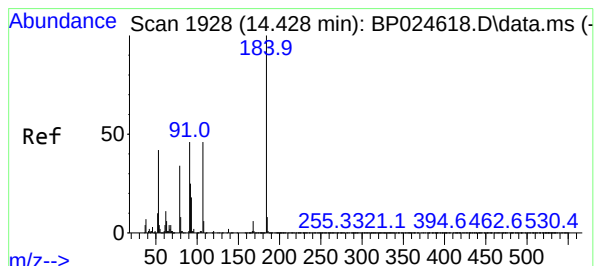
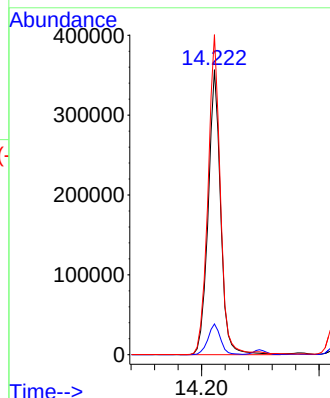
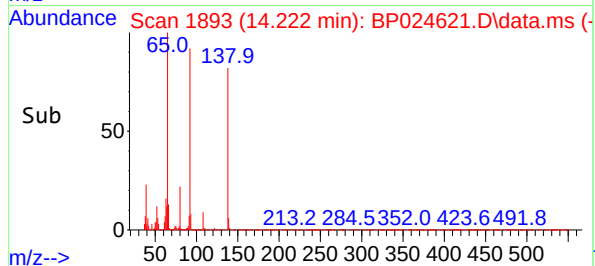
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



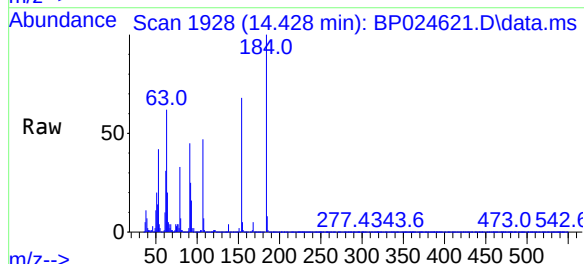
Tgt Ion:138 Resp: 522849
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 112.3 90.1 135.1

Manual Integrations
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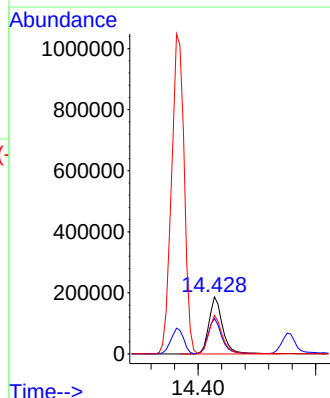
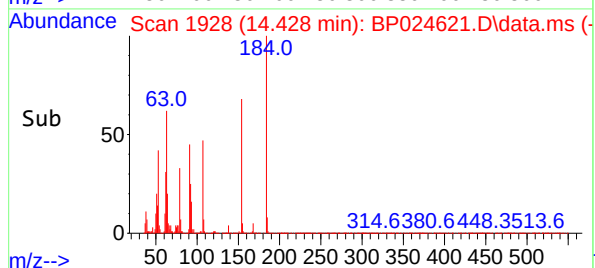
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

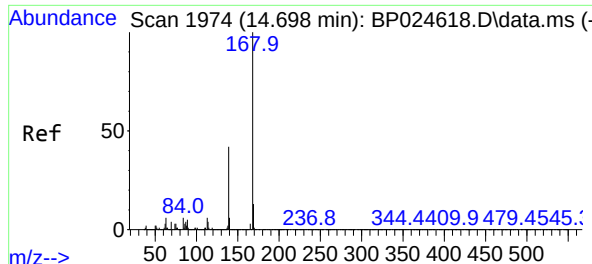


#54
2,4-Dinitrophenol
Concen: 79.29 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



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





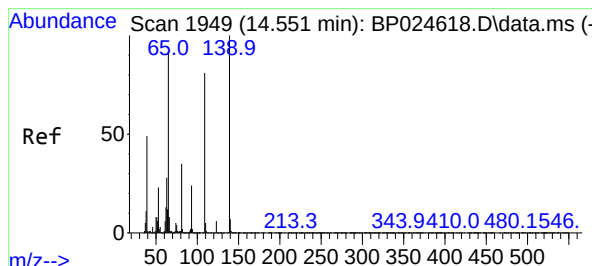
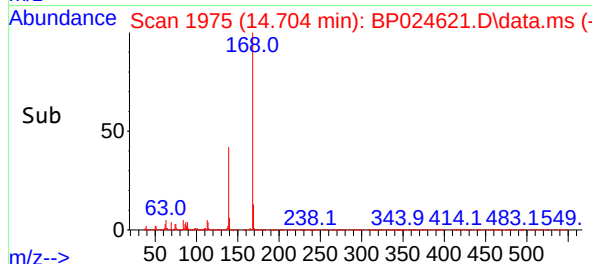
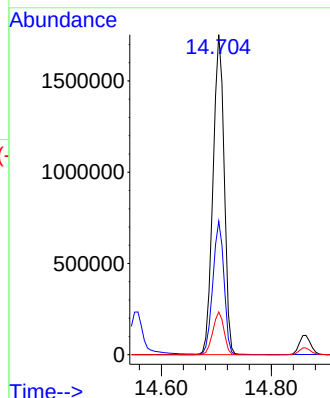
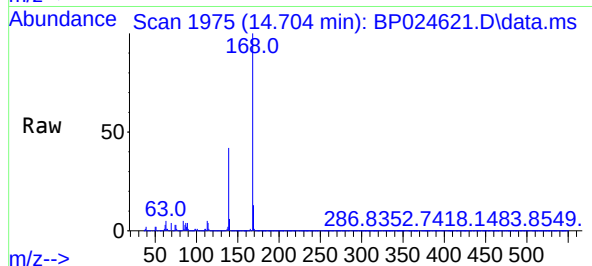
#55
Dibenzenofuran
Concen: 76.68 ng
RT: 14.704 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

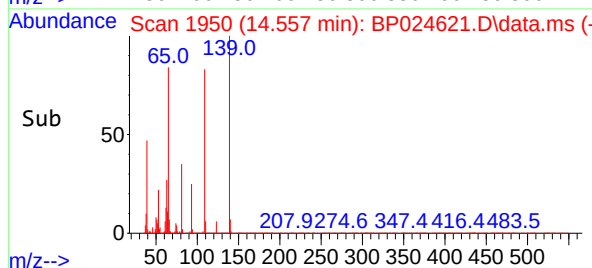
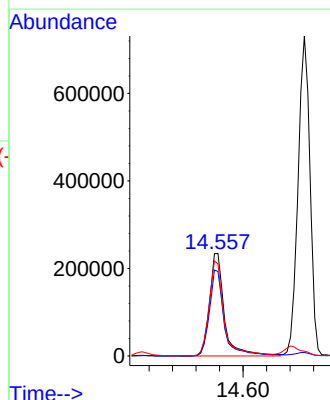
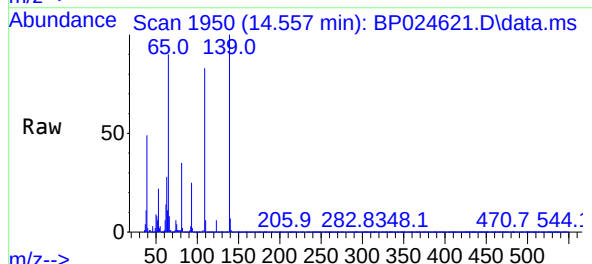
Manual Integrations
APPROVED

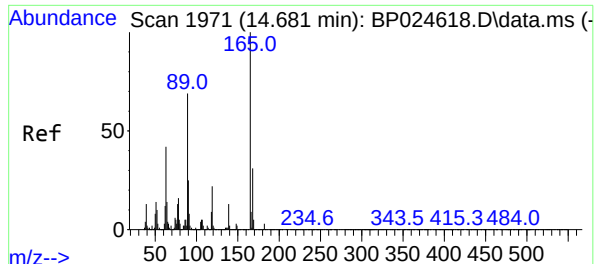
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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 :

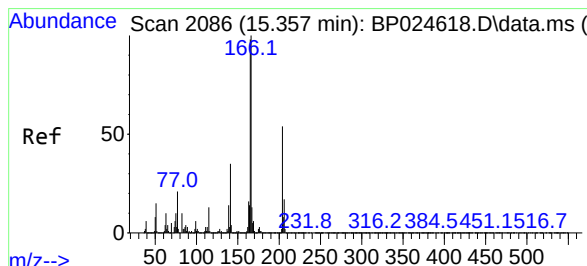
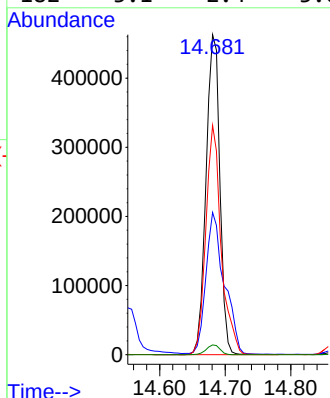
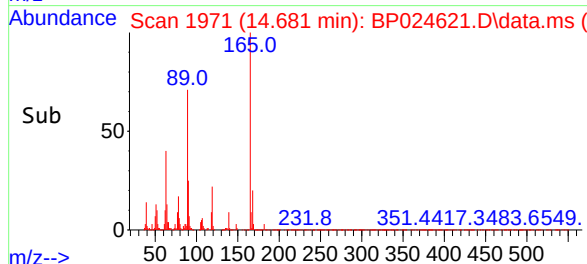
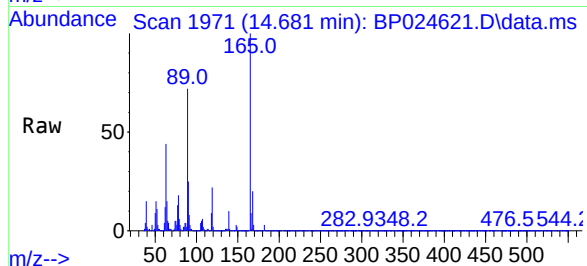
SSTDICC080

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

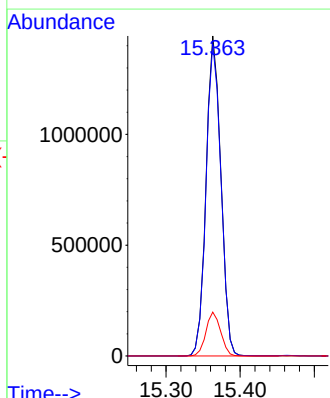
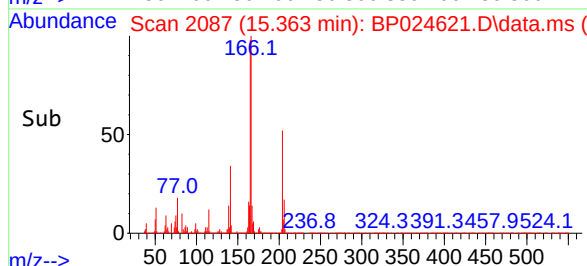
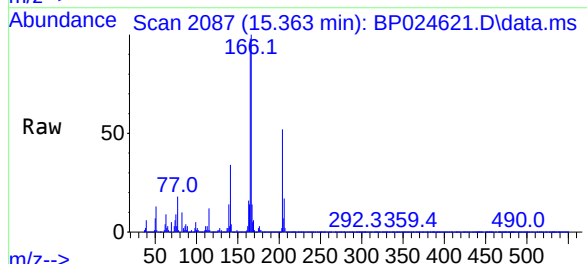
APPROVED

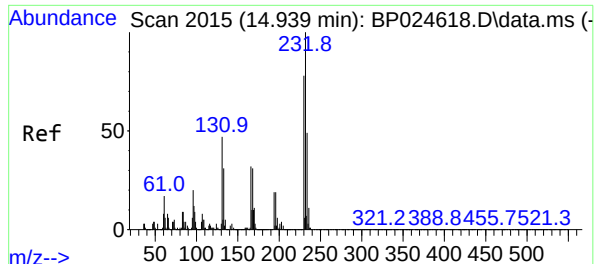
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

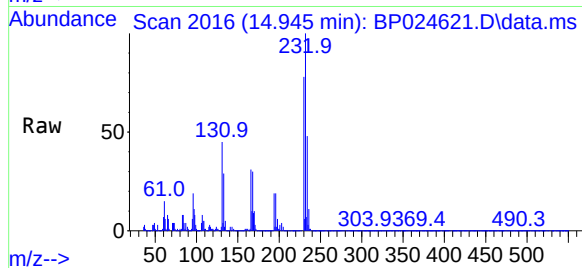
Tgt Ion:166 Resp: 2003709
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 13.7 10.7 16.1





#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

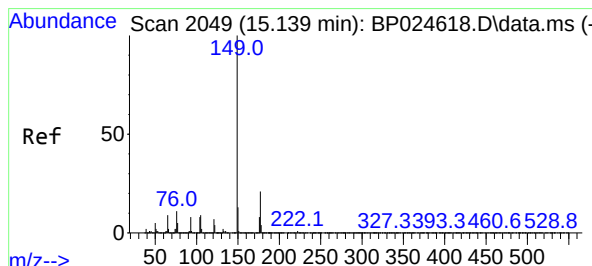
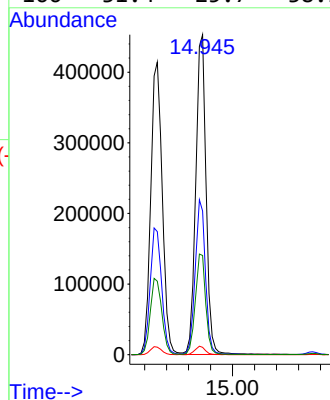
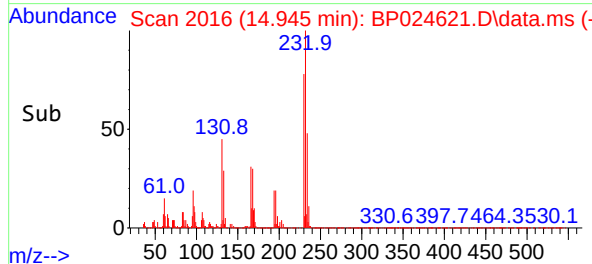
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

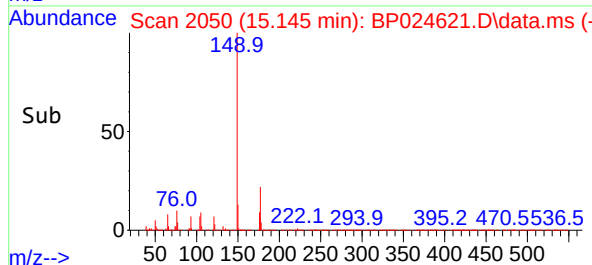
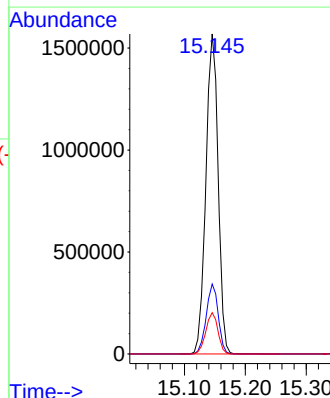
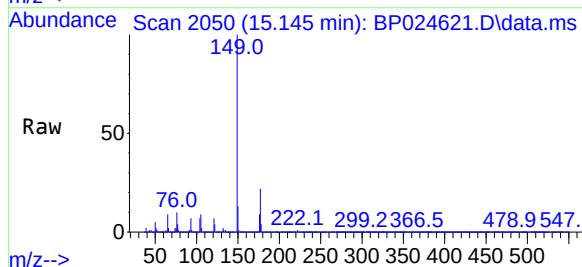
Manual Integrations
APPROVED

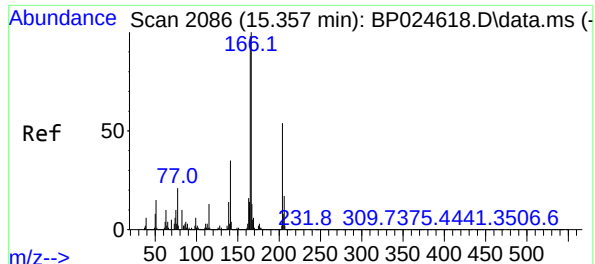
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

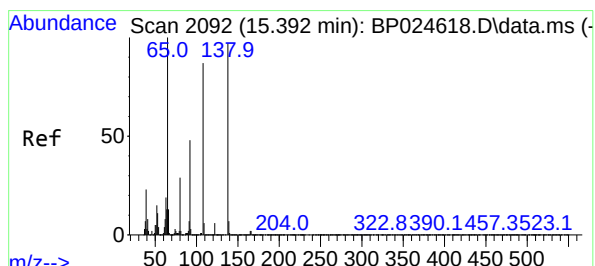
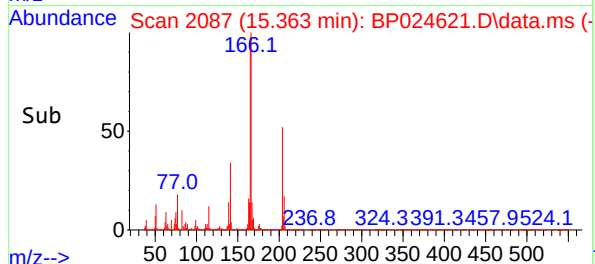
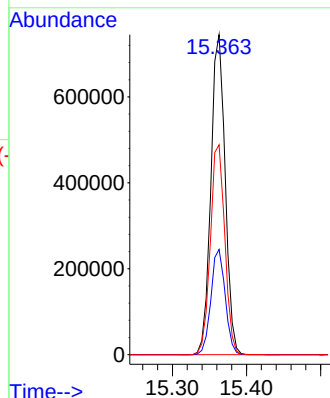
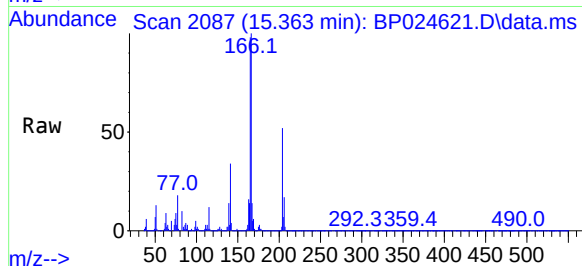
141 65.6 52.9 79.3

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

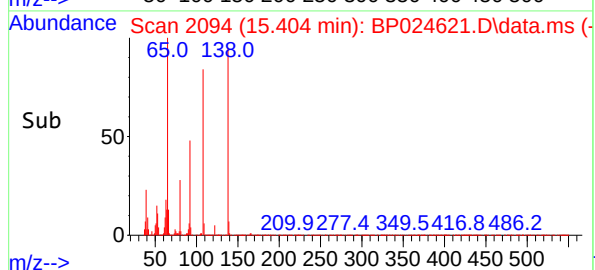
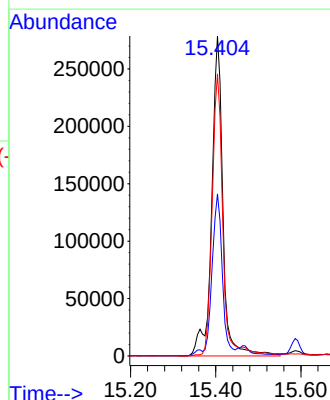
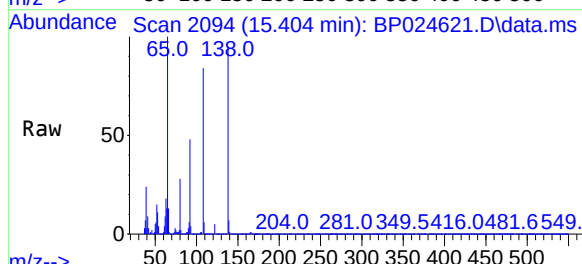
Tgt Ion:138 Resp: 509582

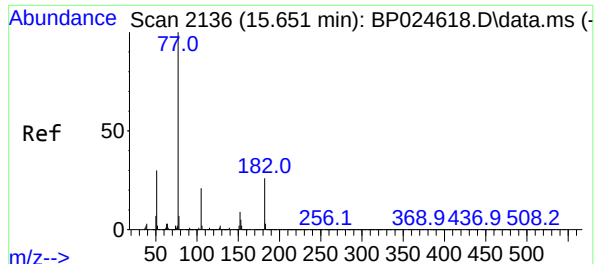
Ion Ratio Lower Upper

138 100

92 50.6 29.2 69.2

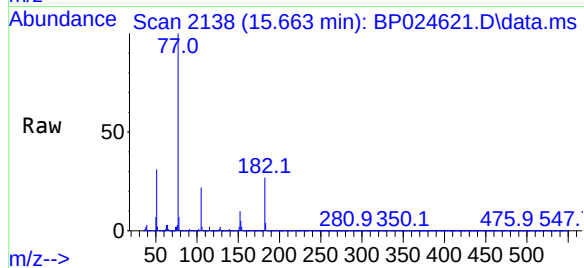
108 88.2 69.0 109.0





#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

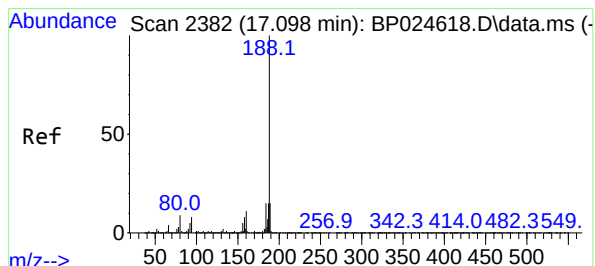
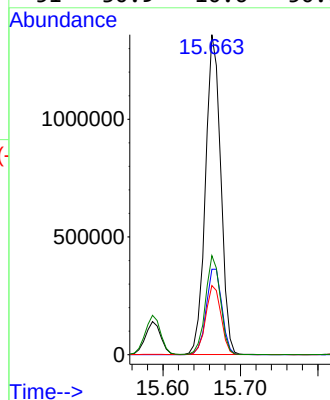
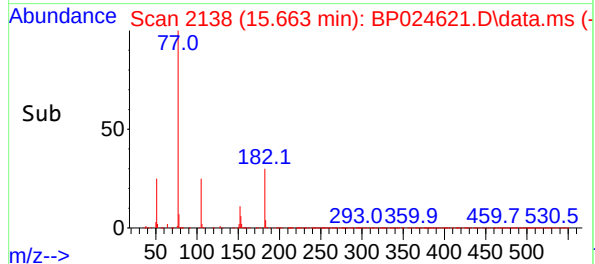
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

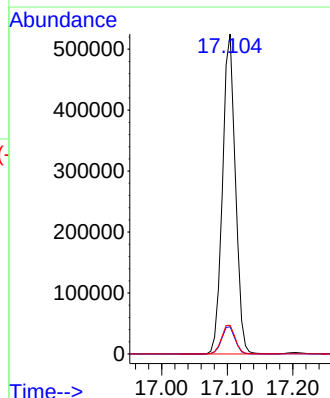
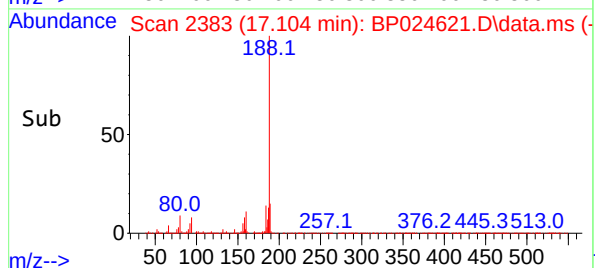
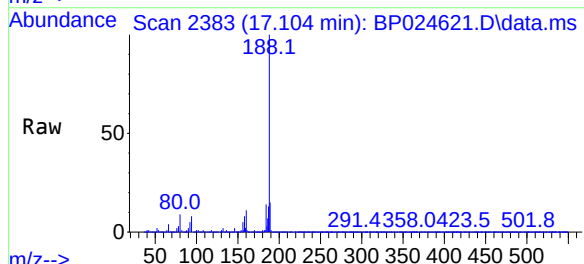
Manual Integrations
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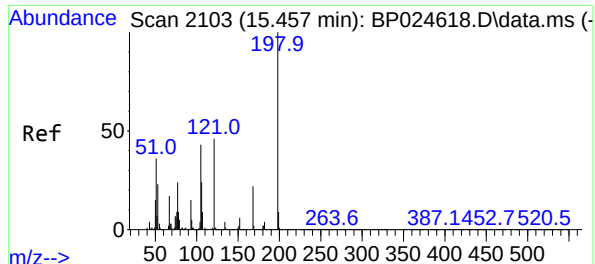
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

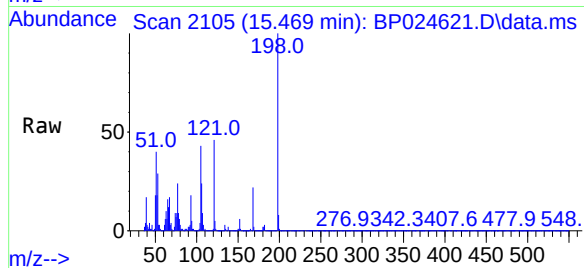
Tgt Ion:188 Resp: 713479
Ion Ratio Lower Upper
188 100
94 8.5 6.5 9.7
80 9.0 7.3 10.9





#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

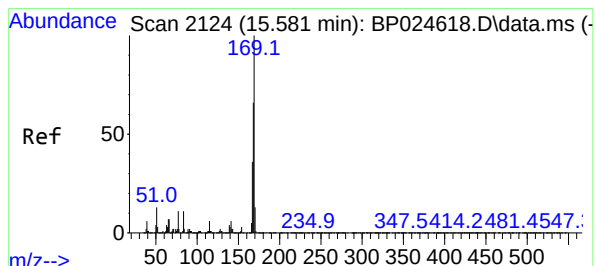
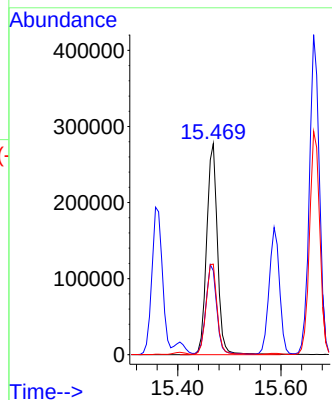
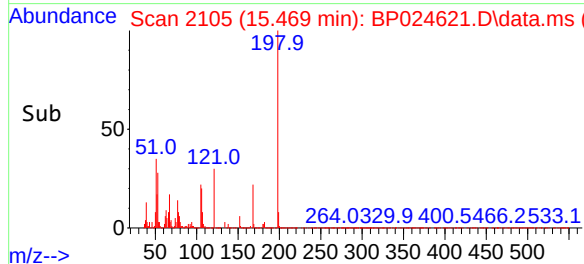
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



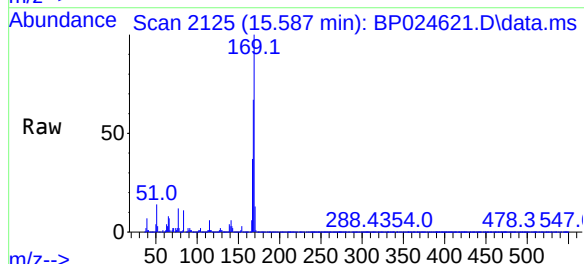
Tgt Ion:198 Resp: 40101
Ion Ratio Lower Upper
198 100
51 39.8 21.1 61.1
105 42.9 23.6 63.6

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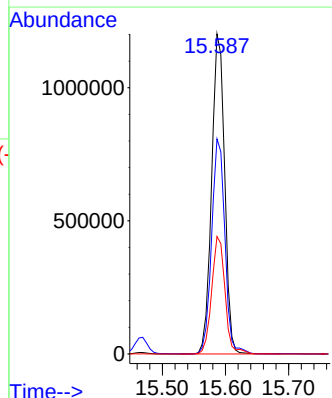
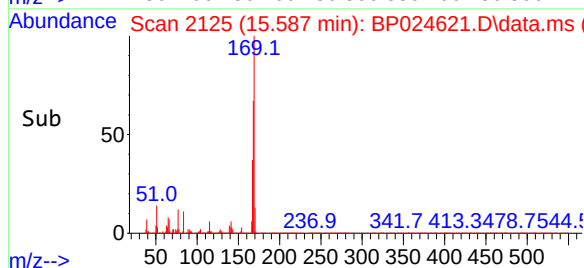
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

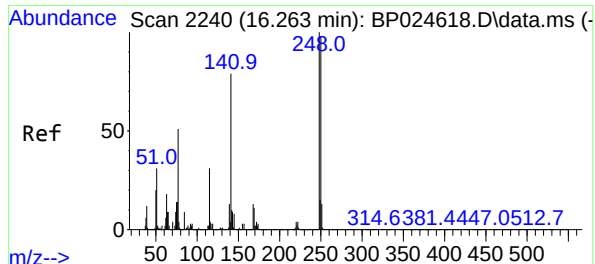


#66
n-Nitrosodiphenylamine
Concen: 78.10 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



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





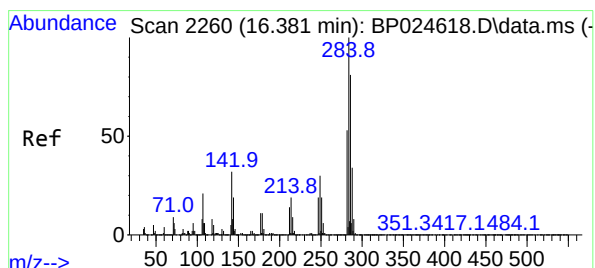
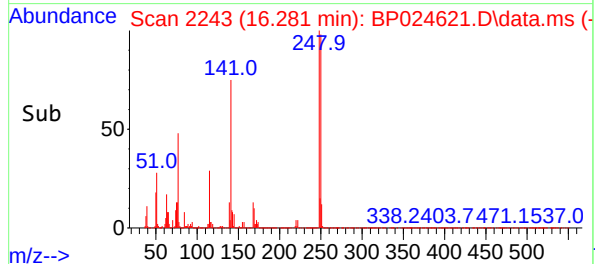
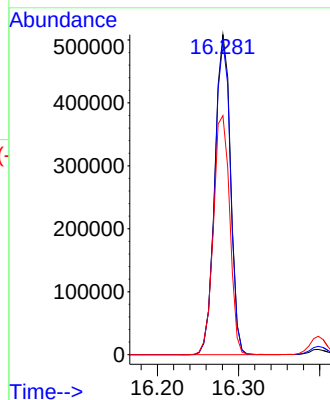
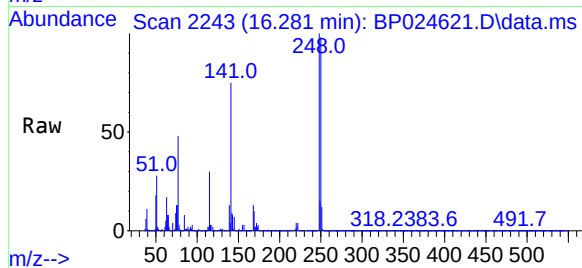
#67
4-Bromophenyl-phenylether
Concen: 81.43 ng
RT: 16.281 min Scan# 2243
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

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

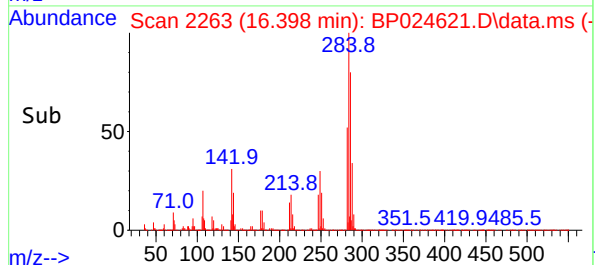
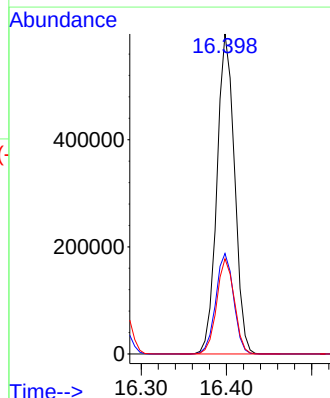
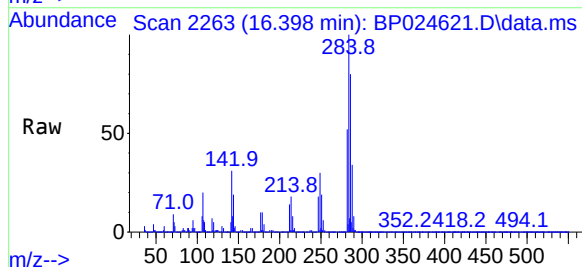
Manual Integrations
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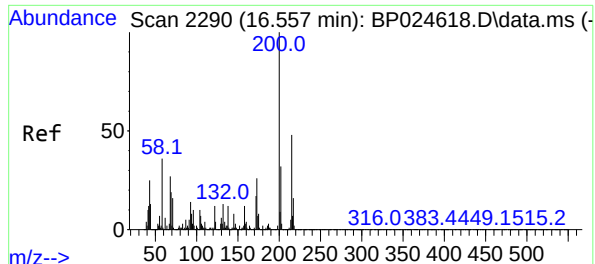
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

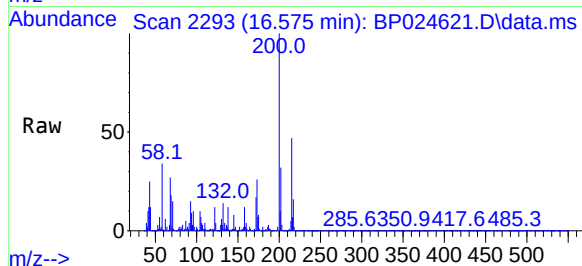
Tgt Ion:284 Resp: 856547
Ion Ratio Lower Upper
284 100
142 31.4 25.9 38.9
249 29.7 24.1 36.1





#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

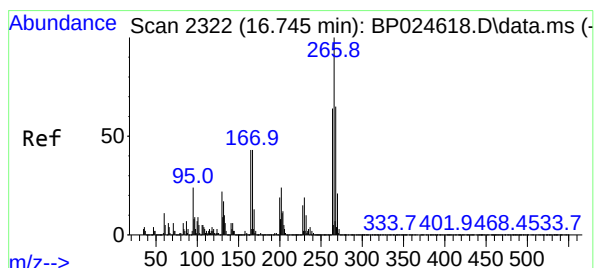
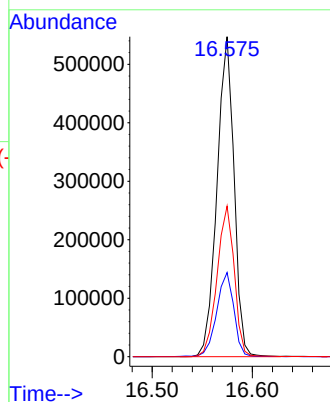
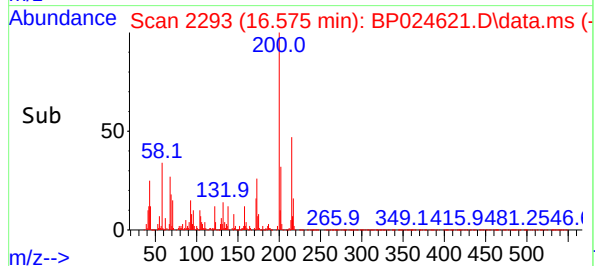
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

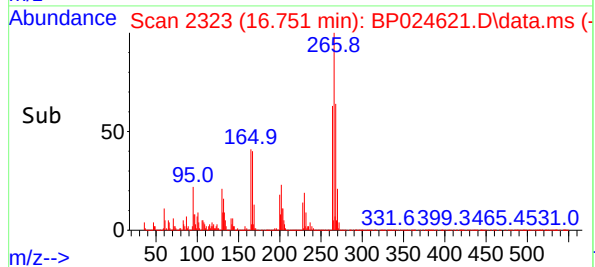
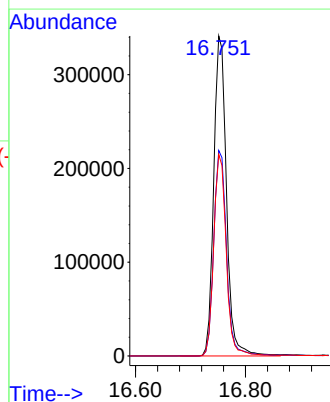
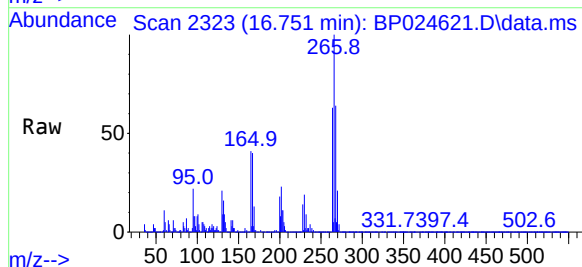
Manual Integrations
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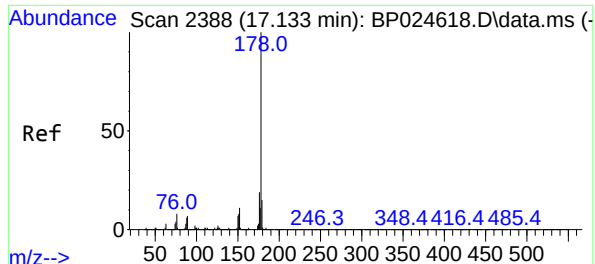
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

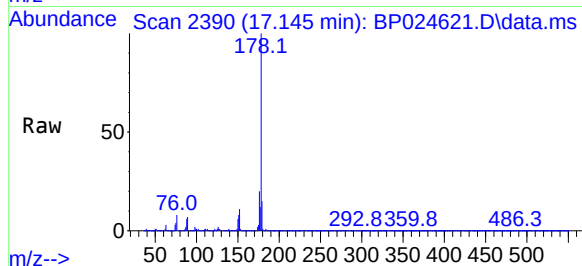
Tgt Ion:266 Resp: 548492
Ion Ratio Lower Upper
266 100
268 64.2 52.2 78.4
264 62.9 51.1 76.7





#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

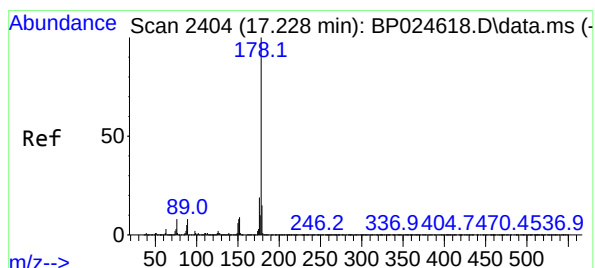
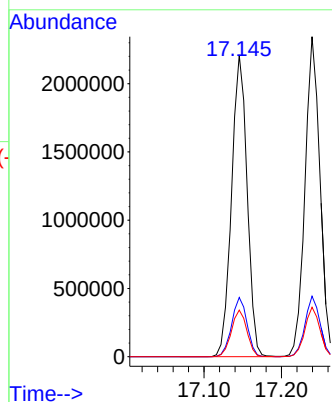
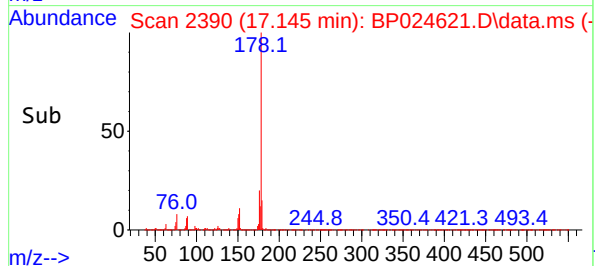
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

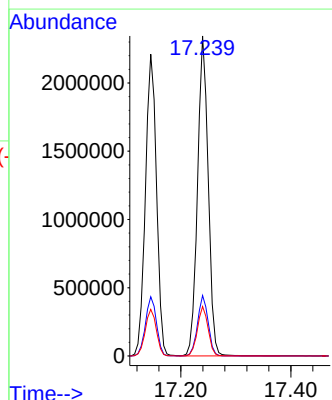
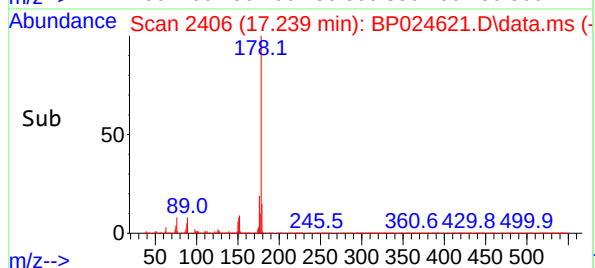
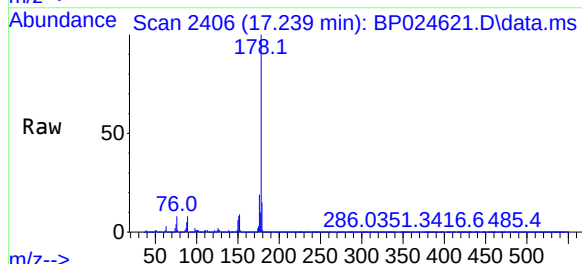
Manual Integrations
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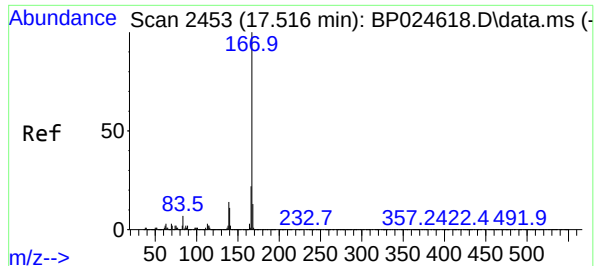
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

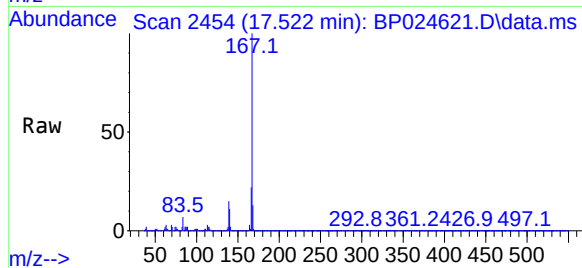
Tgt Ion:178 Resp: 3161669
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.2





#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

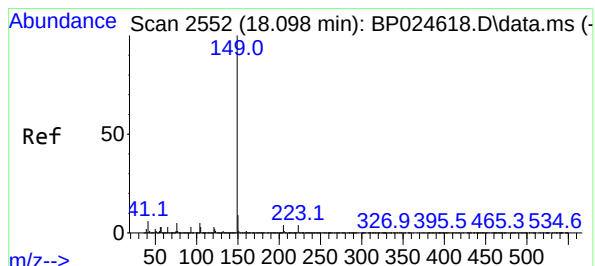
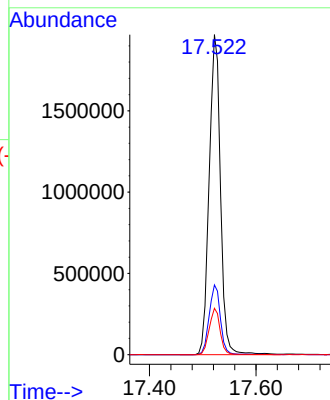
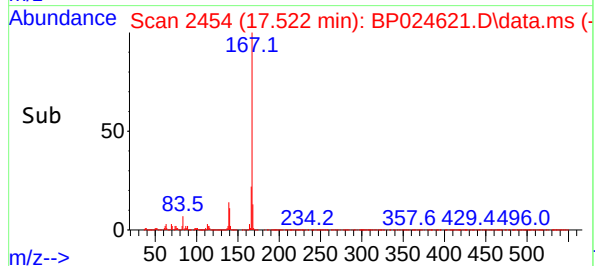
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

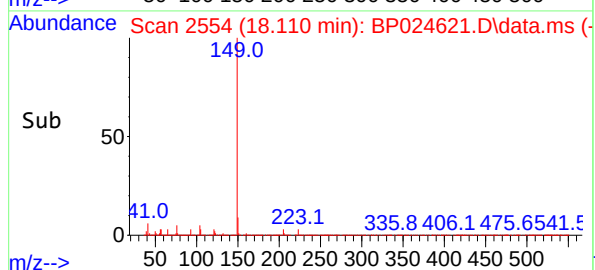
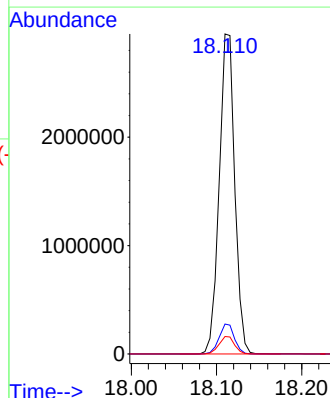
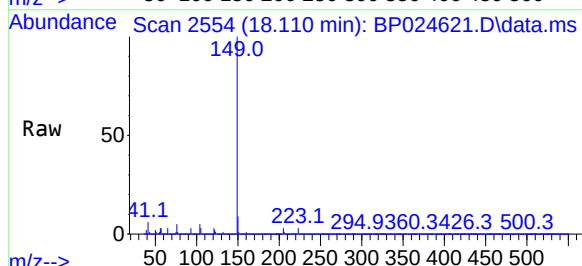
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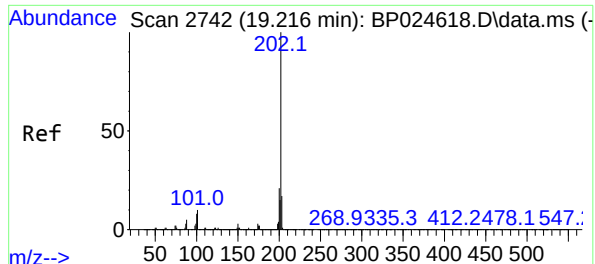
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

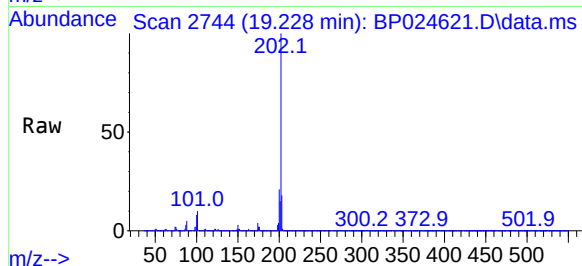
Tgt Ion:149 Resp: 3747927
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.5 4.3 6.5





#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

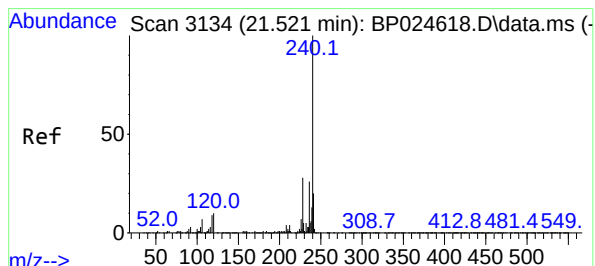
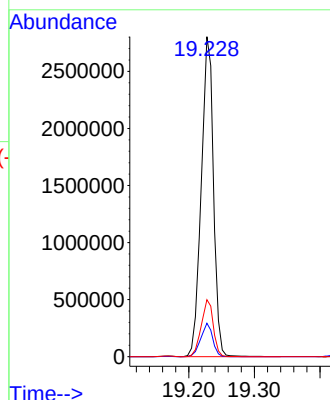
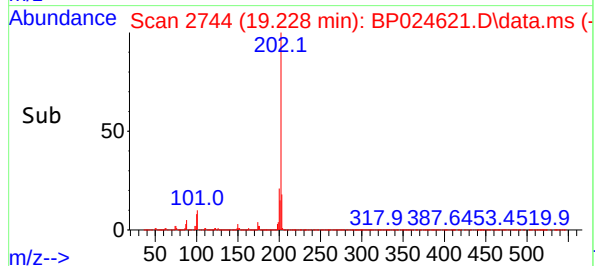
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

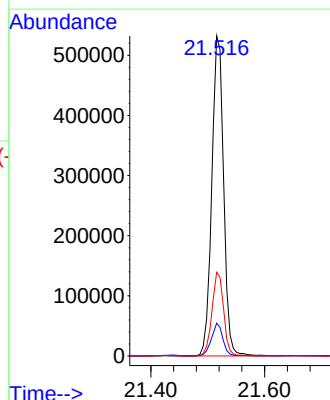
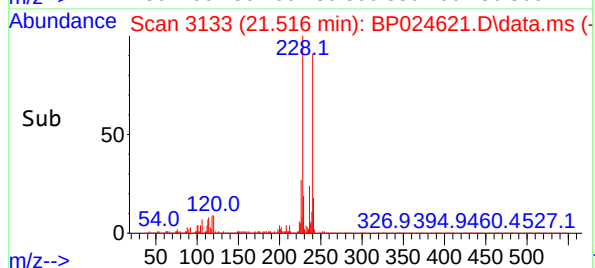
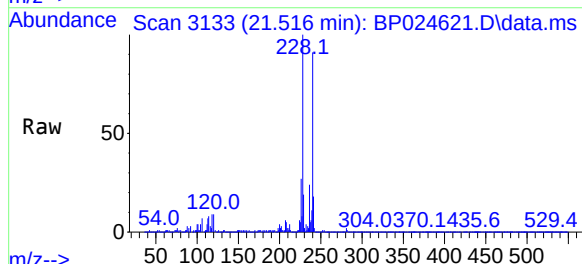
Manual Integrations
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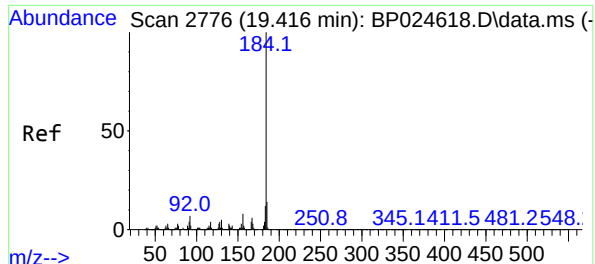
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

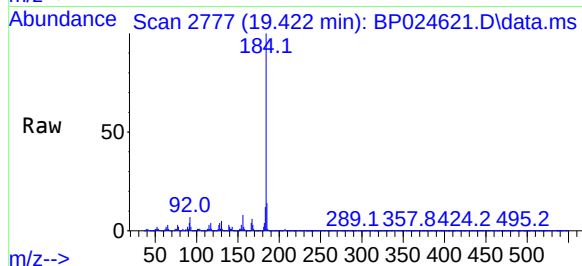
Tgt Ion:240 Resp: 765954
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 26.2 20.6 31.0





#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

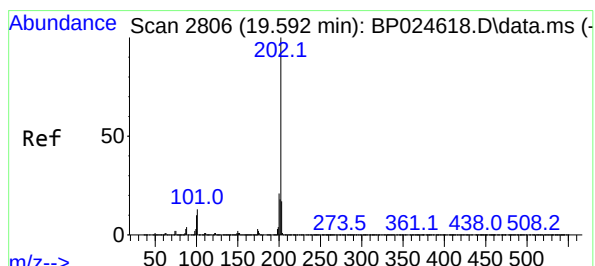
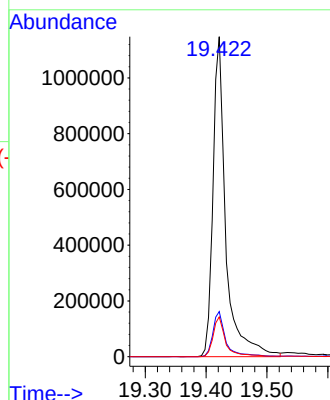
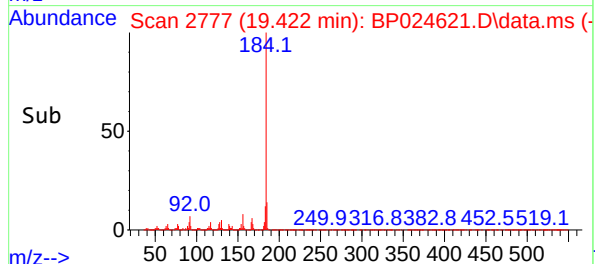
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

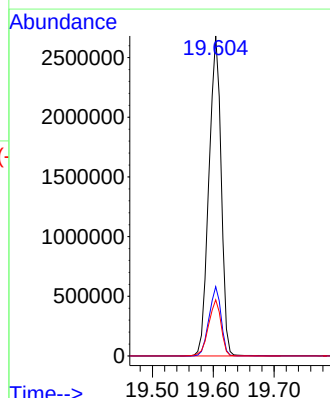
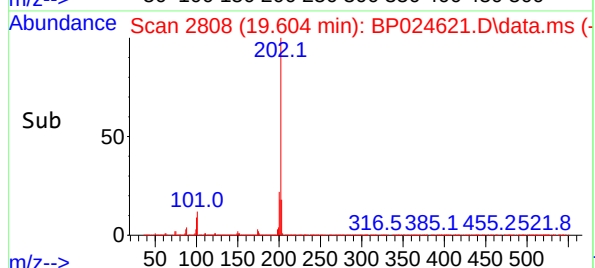
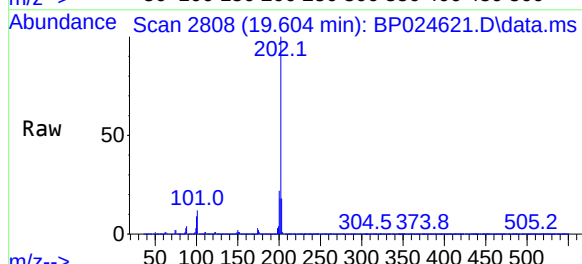
Manual Integrations
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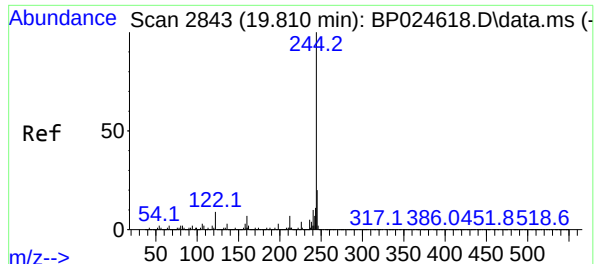
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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# 21

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

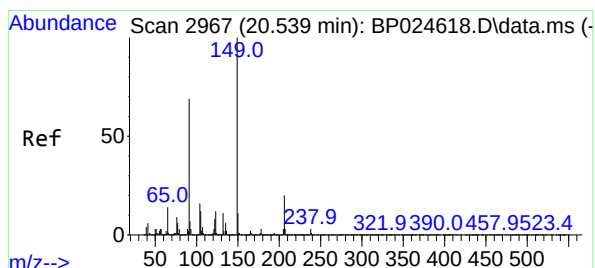
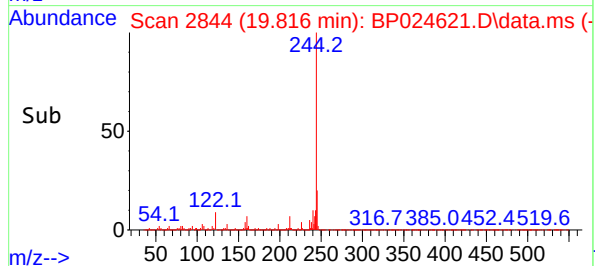
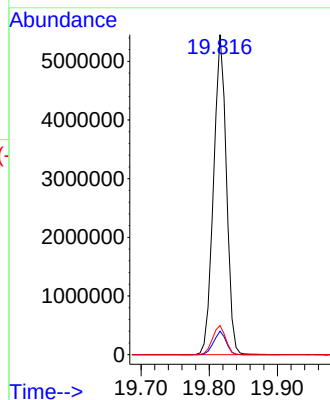
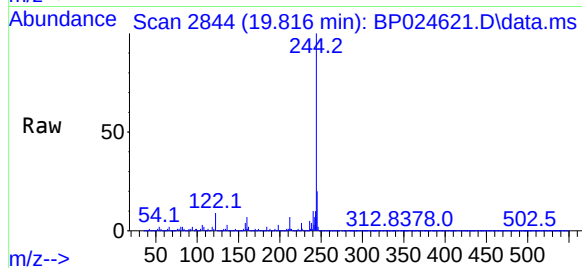
122 9.1 7.4 11.0

Manual Integrations

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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

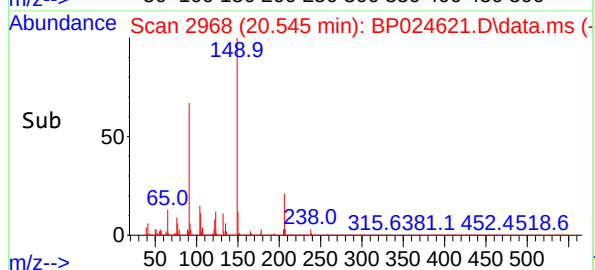
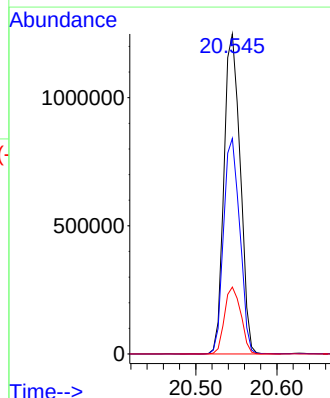
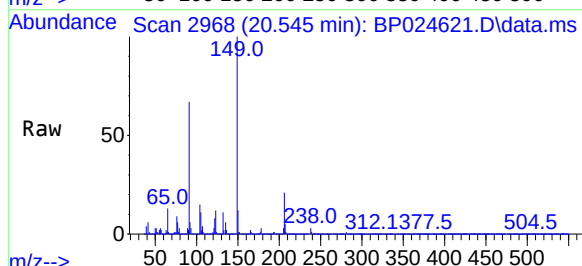
Tgt Ion:149 Resp: 1741954

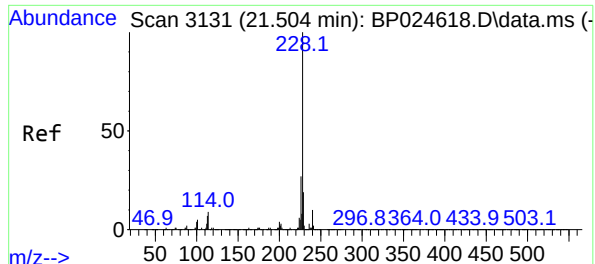
Ion Ratio Lower Upper

149 100

91 67.3 55.4 83.0

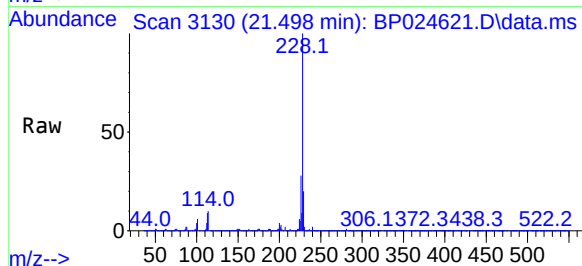
206 20.9 16.2 24.2





#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

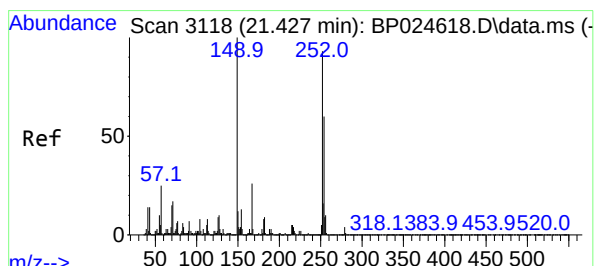
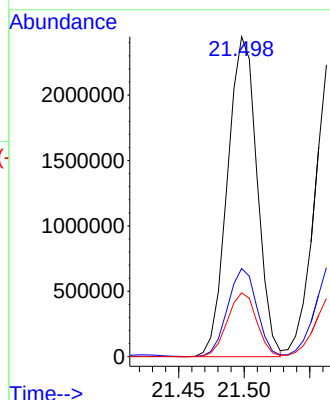
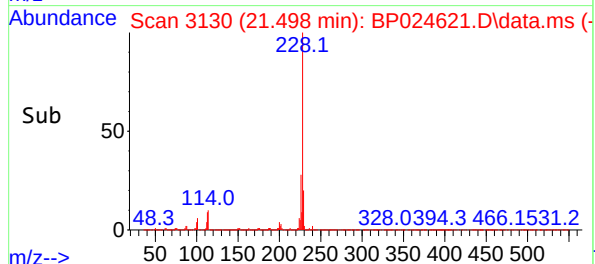
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

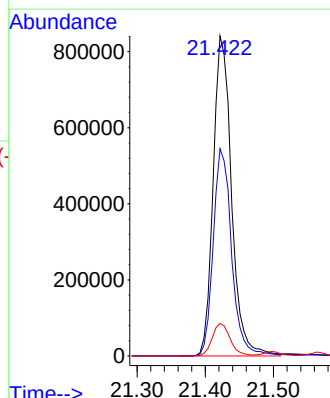
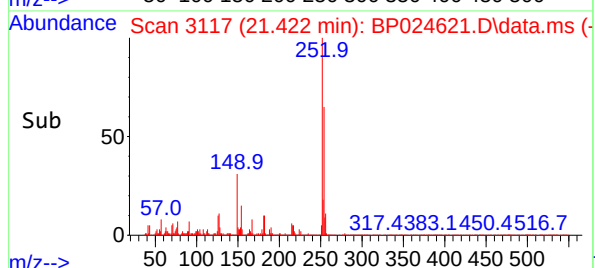
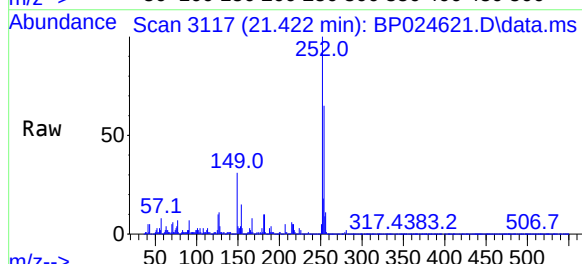
Manual Integrations
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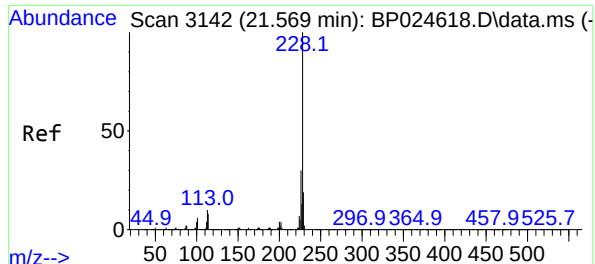
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

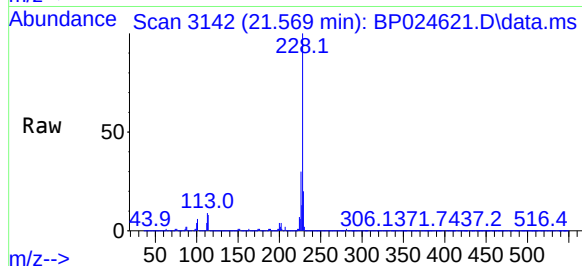
Tgt Ion:252 Resp: 1575691
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 10.2 7.7 11.5





#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

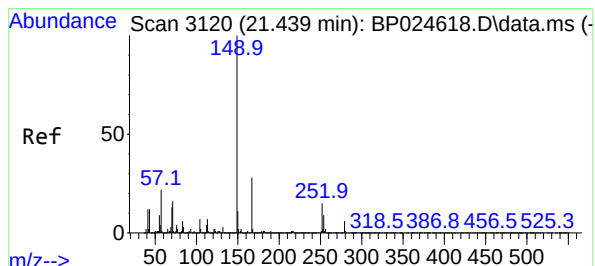
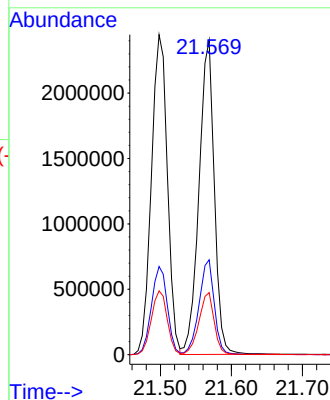
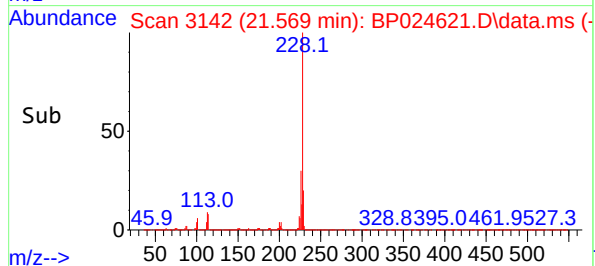
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

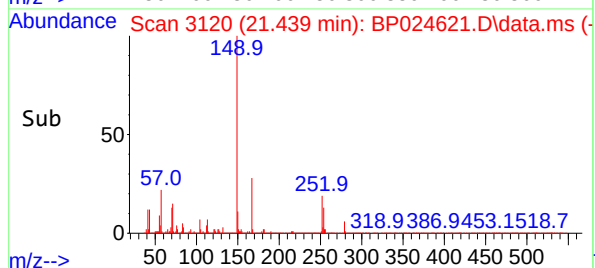
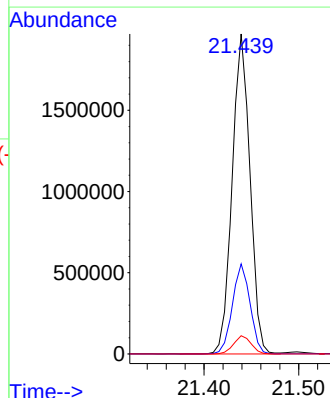
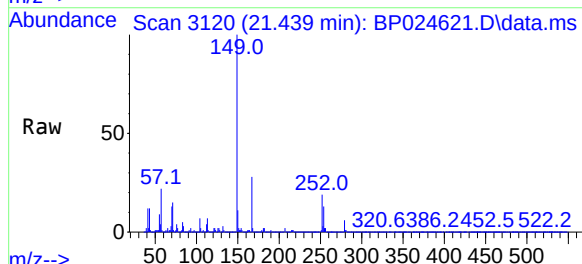
Manual Integrations
APPROVED

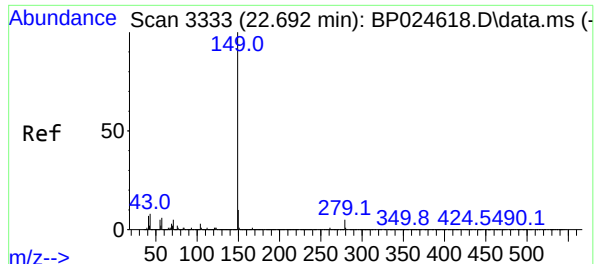
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

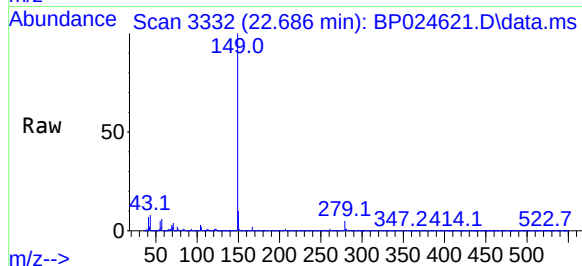
Tgt Ion:149 Resp: 2577445
Ion Ratio Lower Upper
149 100
167 28.2 22.1 33.1
279 5.7 4.6 6.8





#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

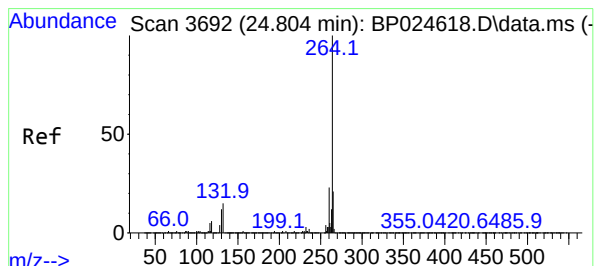
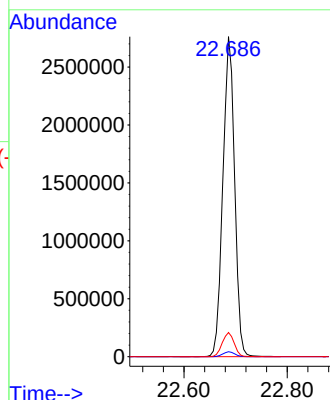
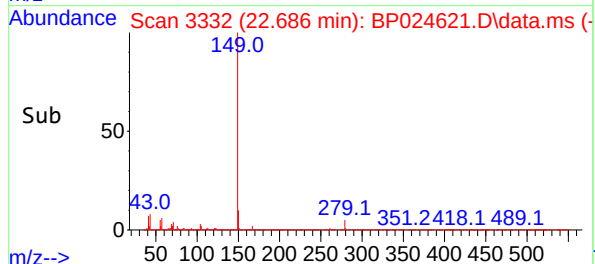
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



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

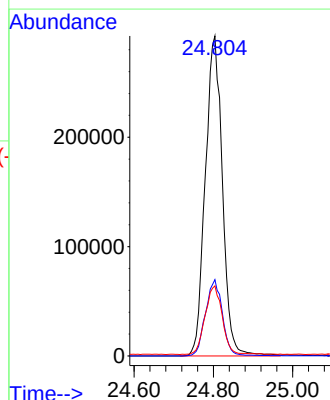
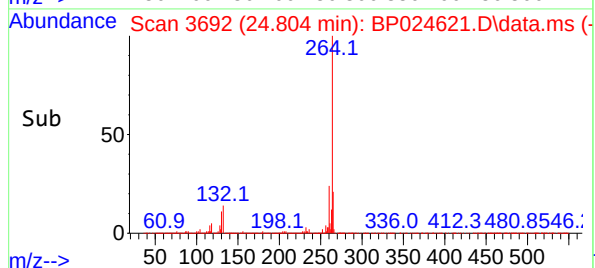
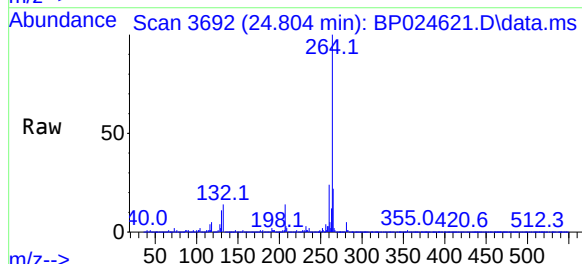
Manual Integrations
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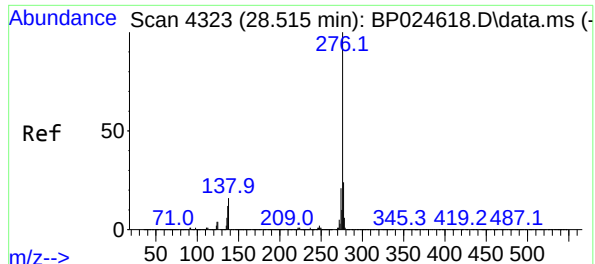
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 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

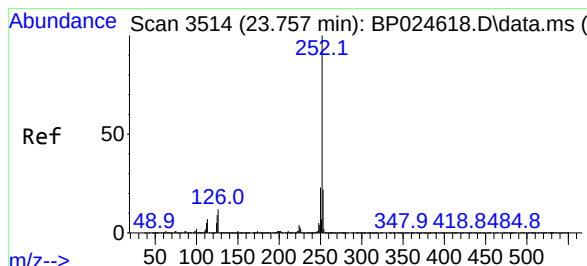
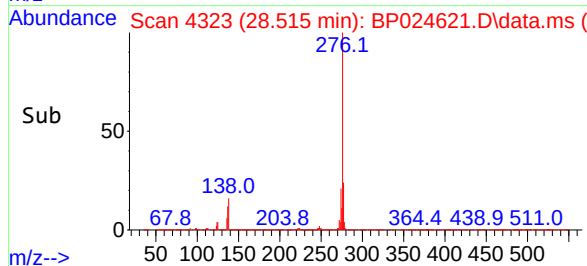
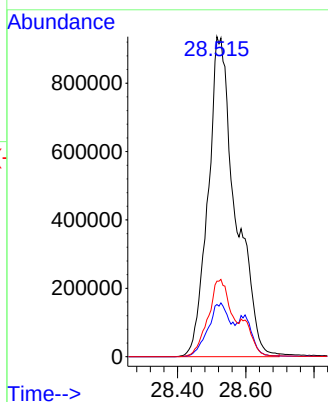
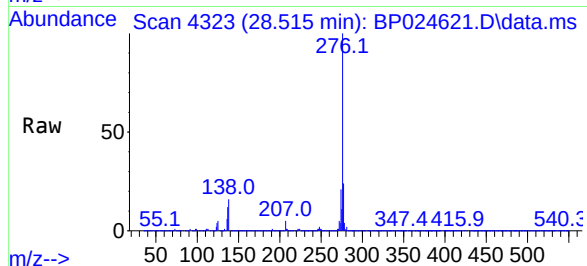
277 20.5 15.7 23.5

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

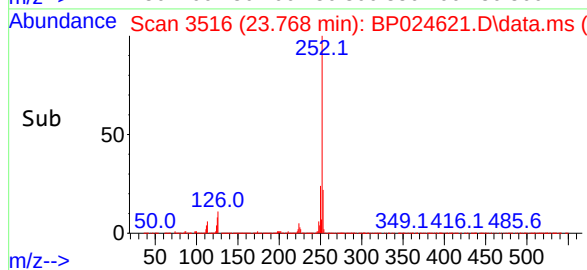
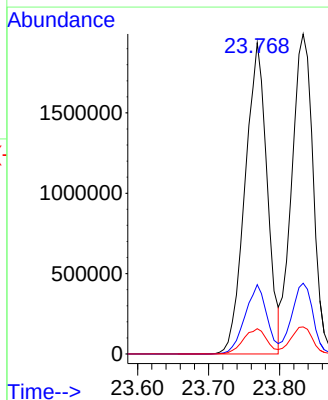
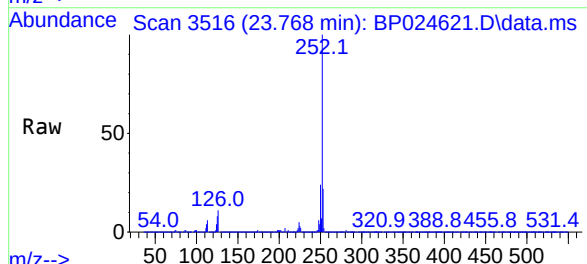
Tgt Ion:252 Resp: 4173798

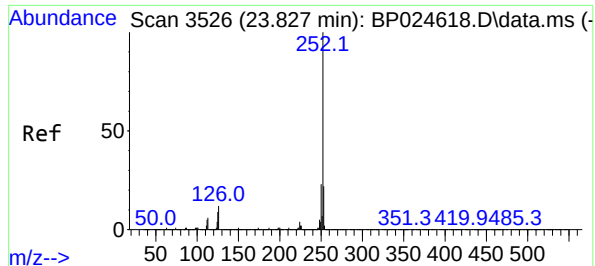
Ion Ratio Lower Upper

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# 3526

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

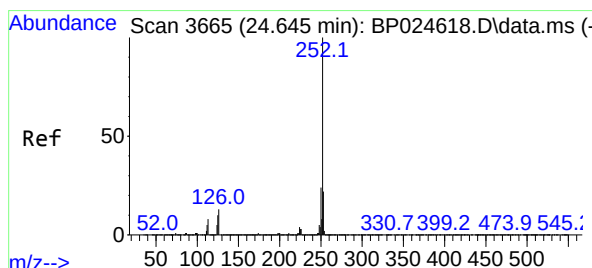
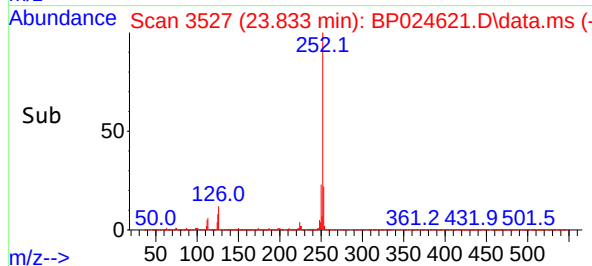
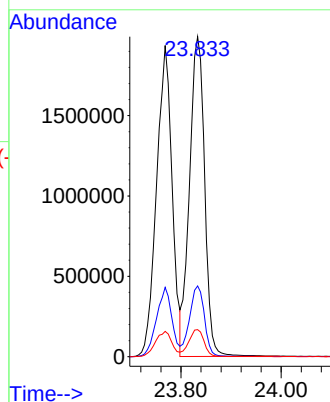
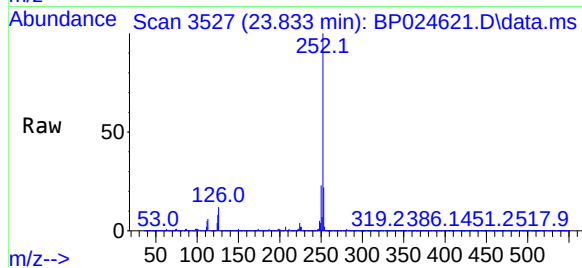
125 8.5 7.0 10.4

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

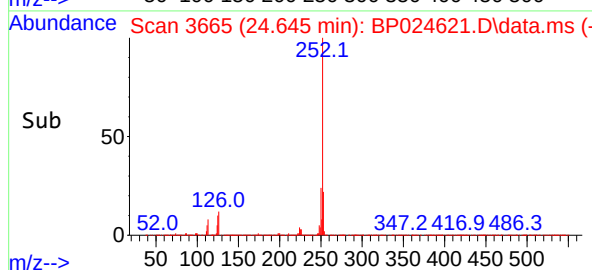
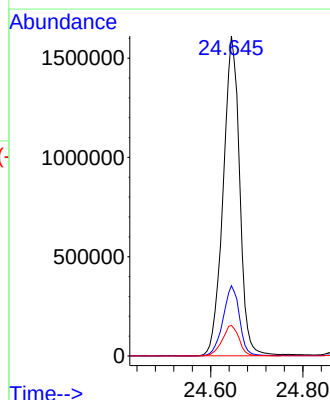
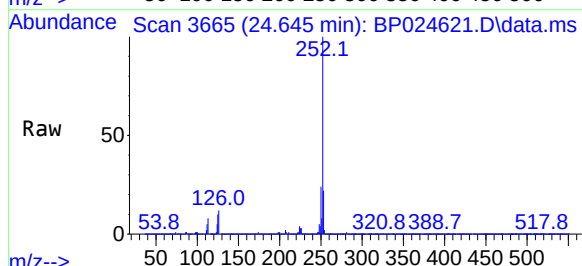
Tgt Ion:252 Resp: 3988360

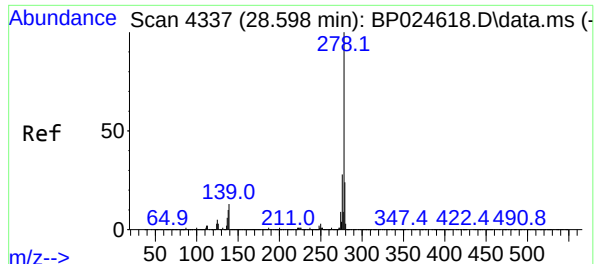
Ion Ratio Lower Upper

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

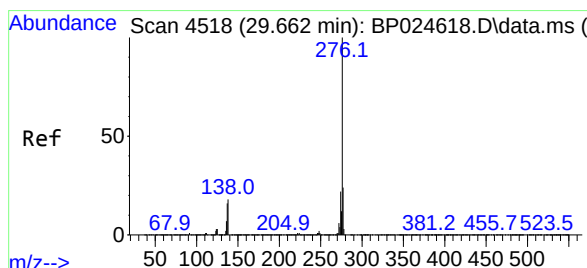
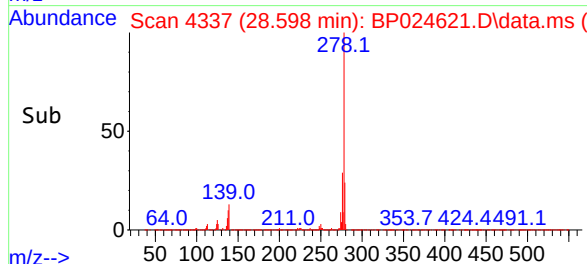
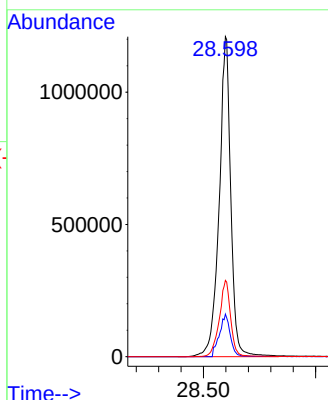
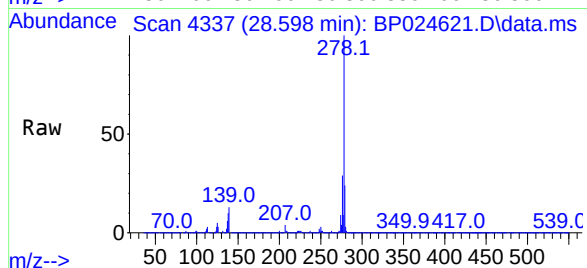
279 23.9 19.0 28.4

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

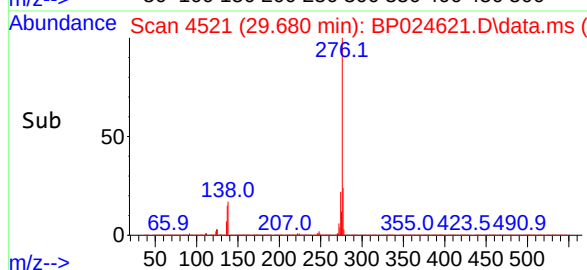
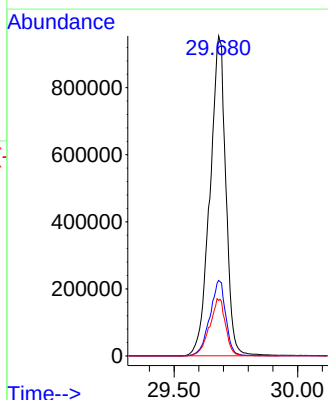
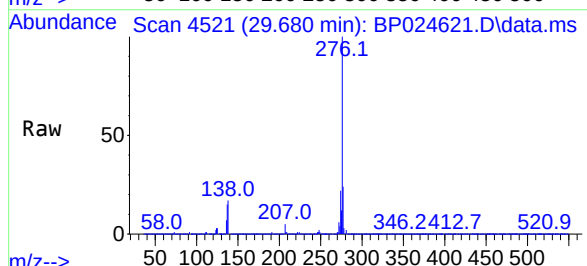
Tgt Ion:276 Resp: 4253459

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

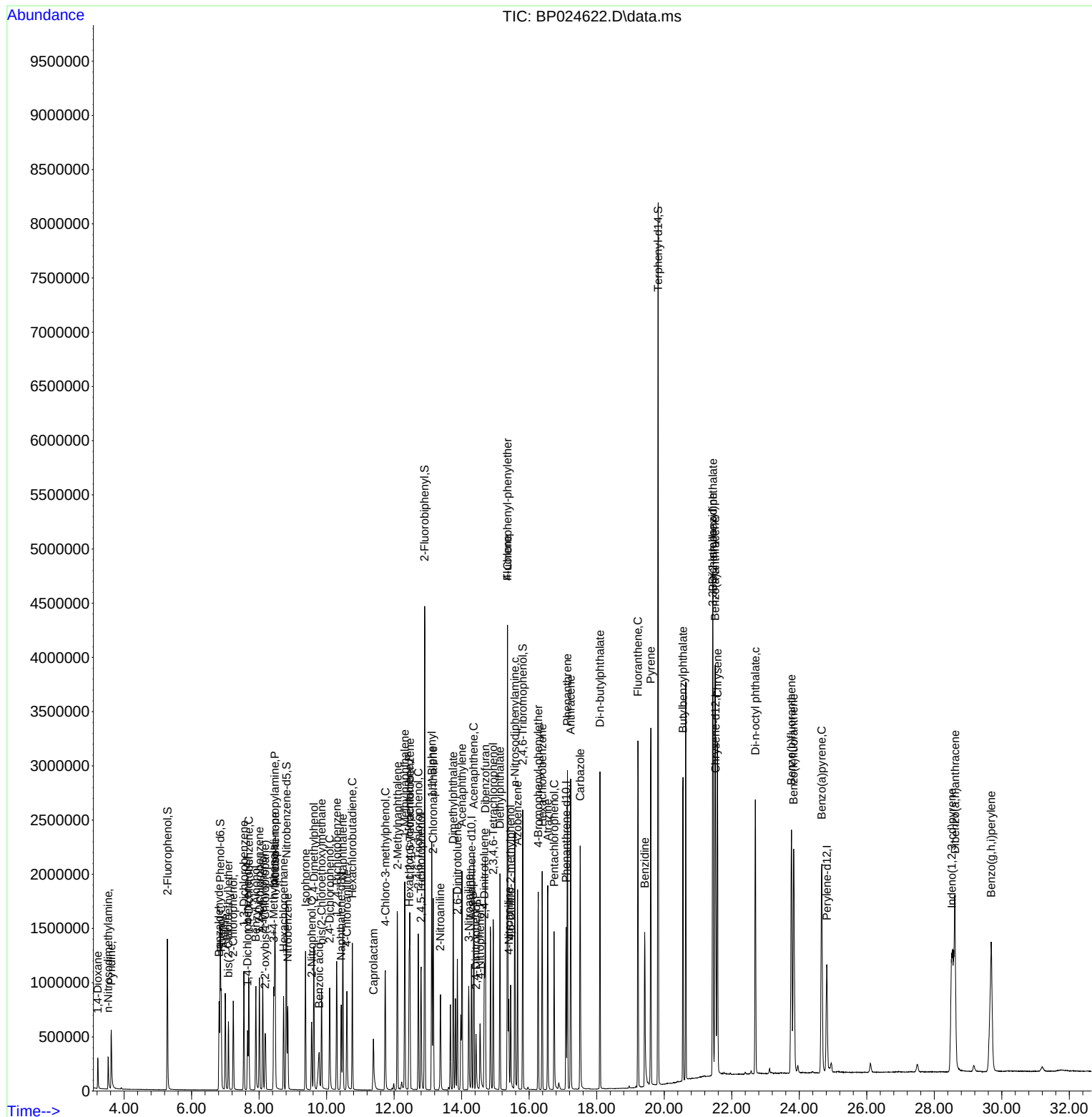
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Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

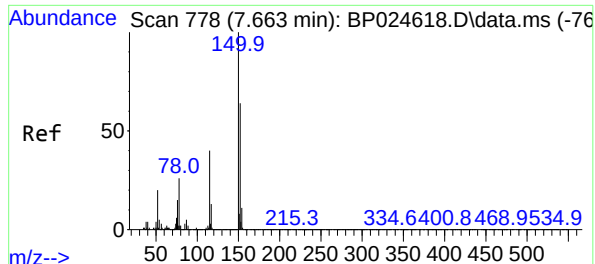
Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jaagrut Upadhyay 05/14/2025

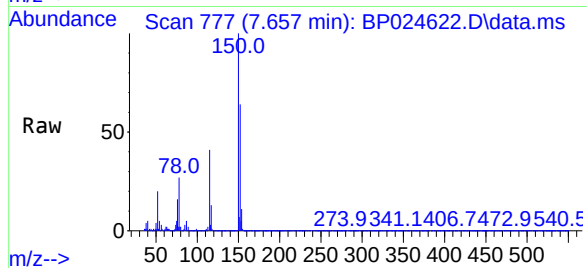
Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration





#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

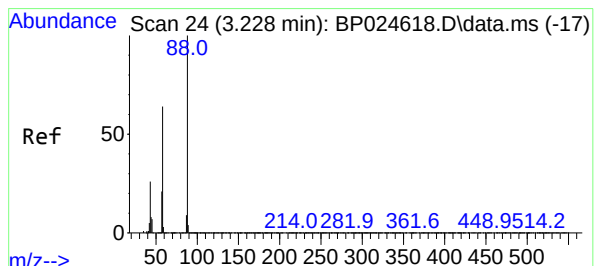
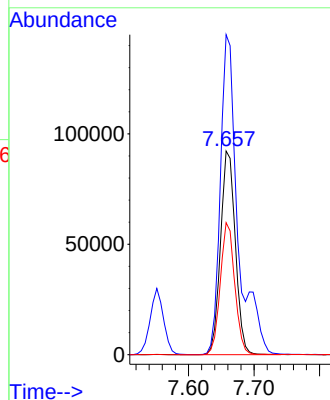
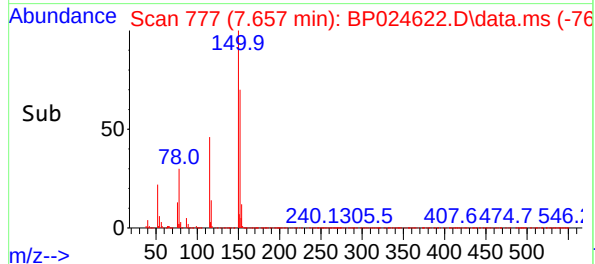
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

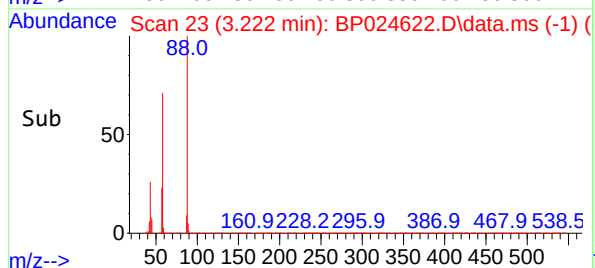
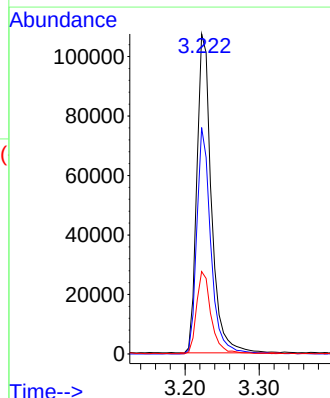
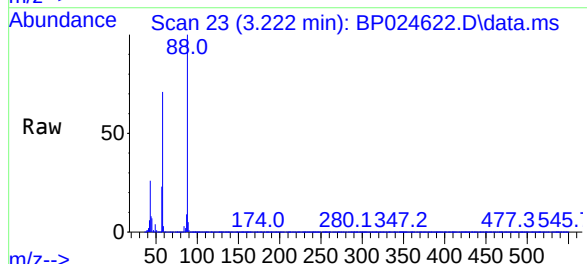
Manual Integrations
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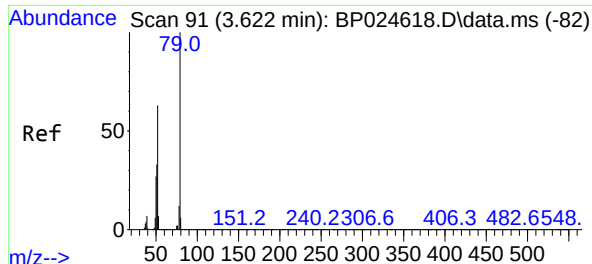
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

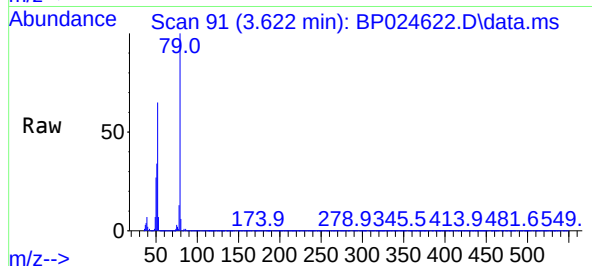
Tgt Ion: 88 Resp: 145871
Ion Ratio Lower Upper
88 100
58 68.6 54.0 81.0
43 25.9 21.4 32.0





#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

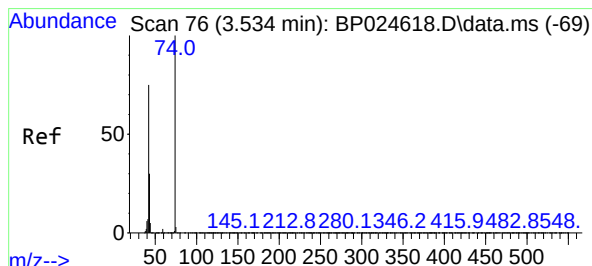
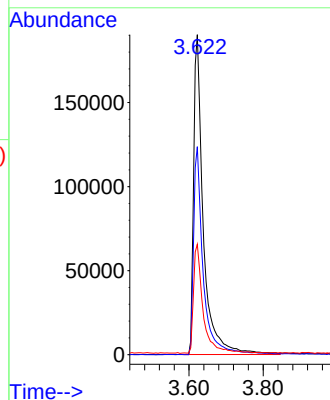
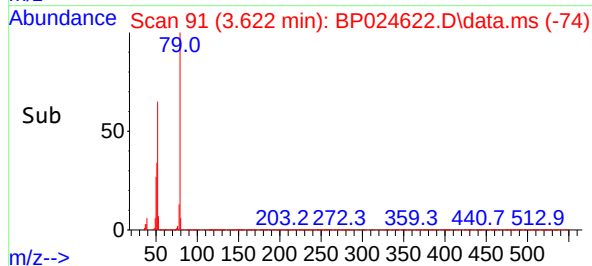
Instrument :
BNA_P
Client Sample Id :
ICVBP051325



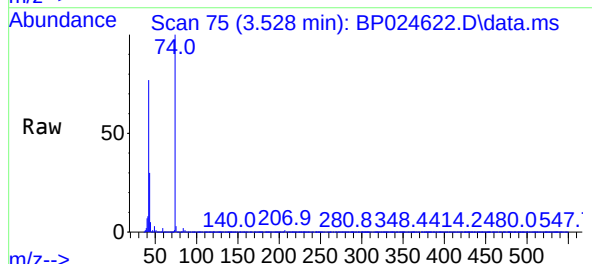
Tgt Ion: 79 Resp: 34751
Ion Ratio Lower Upper
79 100
52 65.0 50.2 75.2
51 34.5 26.8 40.2

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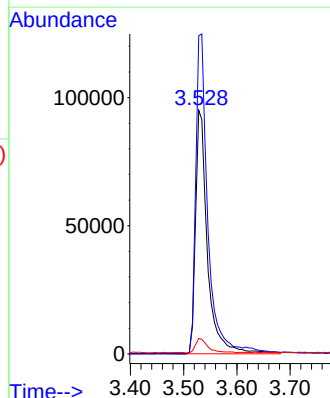
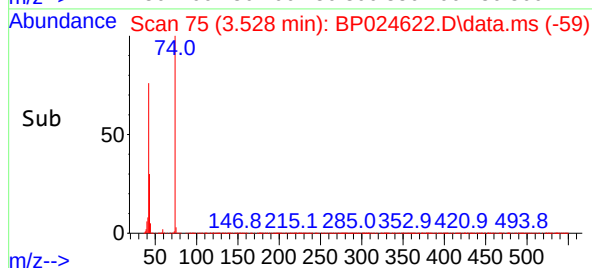
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

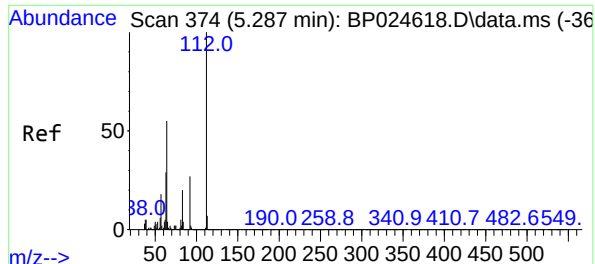


#4
n-Nitrosodimethylamine
Concen: 37.98 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



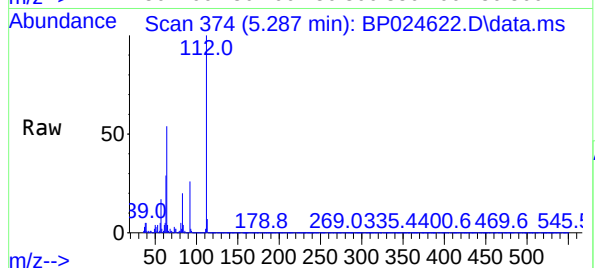
Tgt Ion: 42 Resp: 147412
Ion Ratio Lower Upper
42 100
74 130.6 106.2 159.2
44 6.4 5.4 8.2





#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

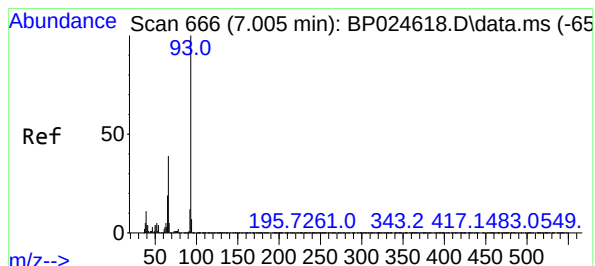
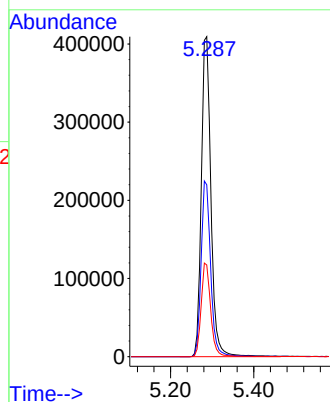
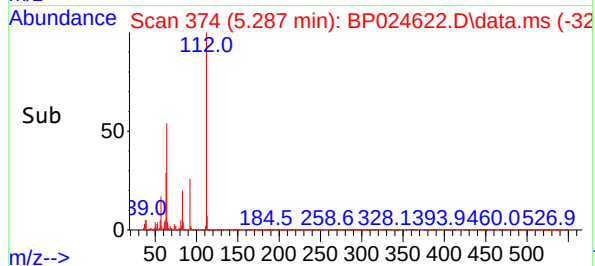
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

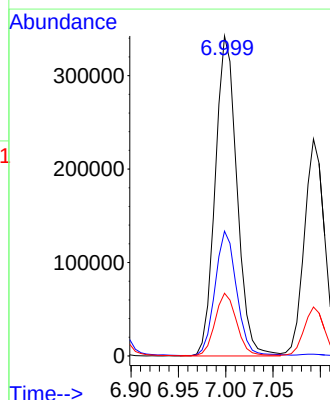
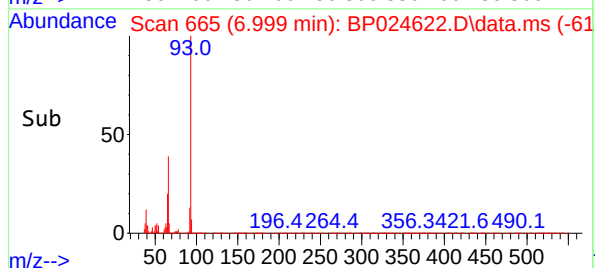
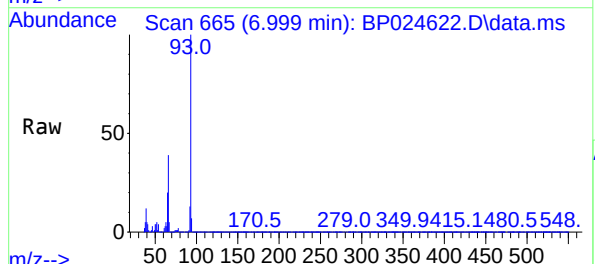
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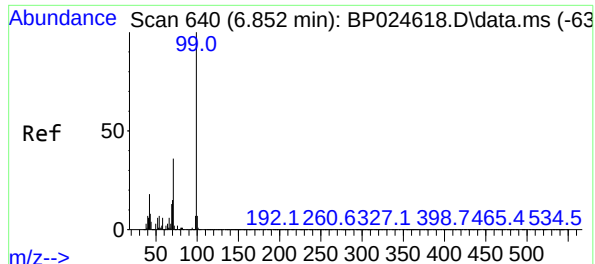
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

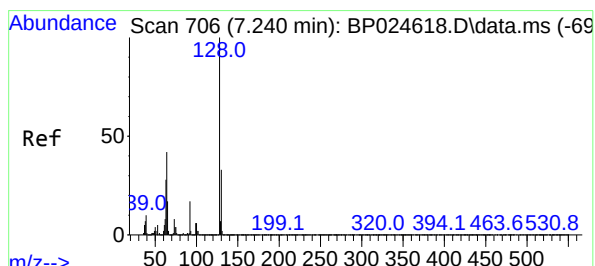
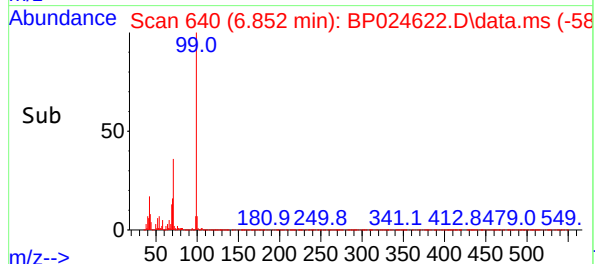
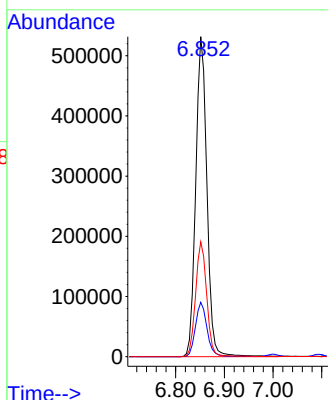
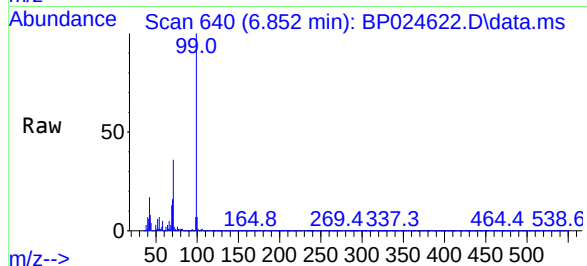
71 35.9 29.2 43.8

Manual Integrations

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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

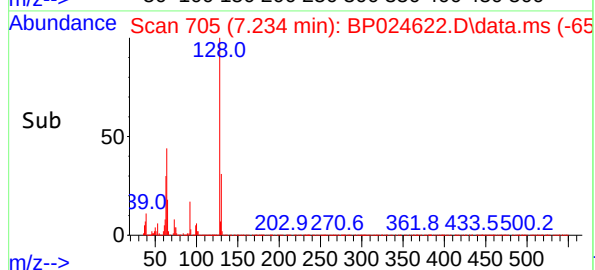
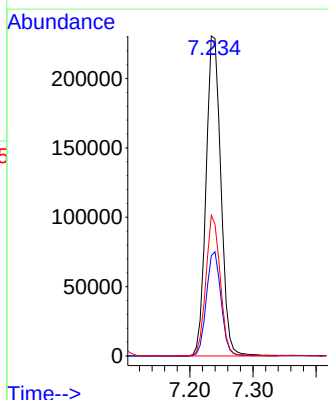
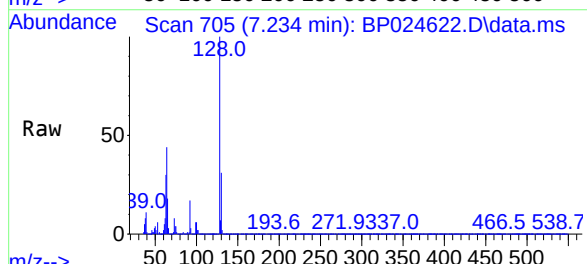
Tgt Ion:128 Resp: 377358

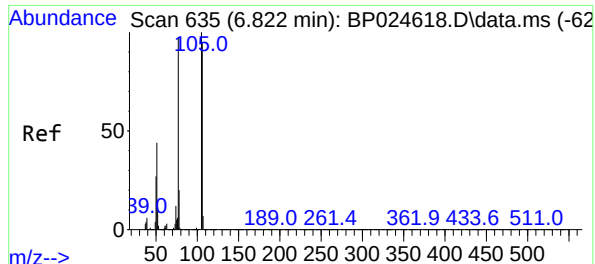
Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

64 43.9 22.3 62.3





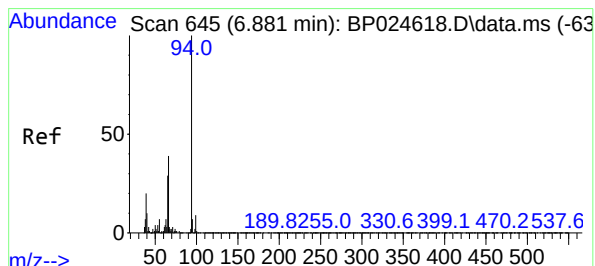
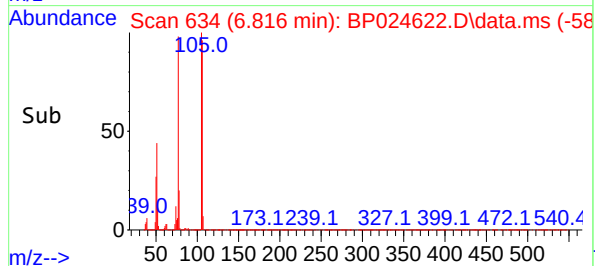
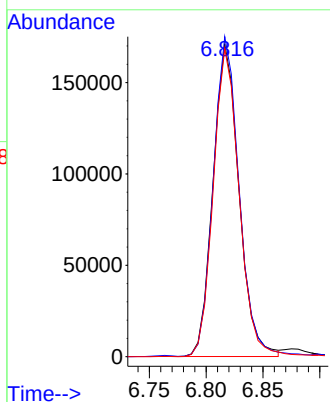
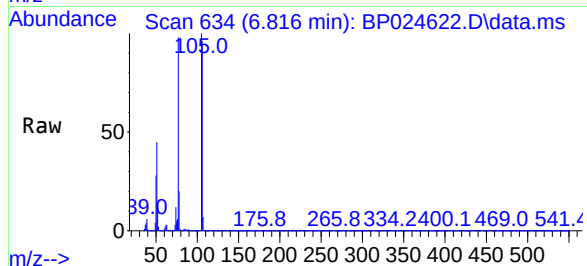
#9
Benzaldehyde
Concen: 39.03 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

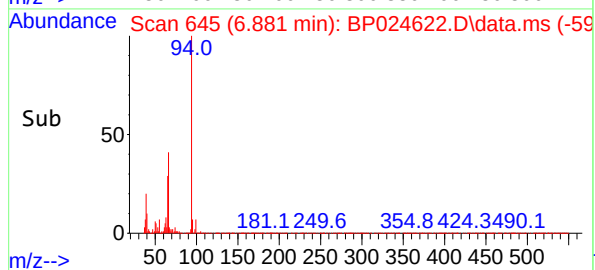
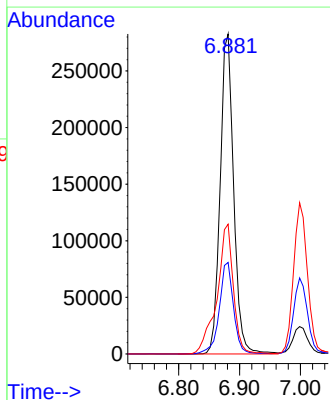
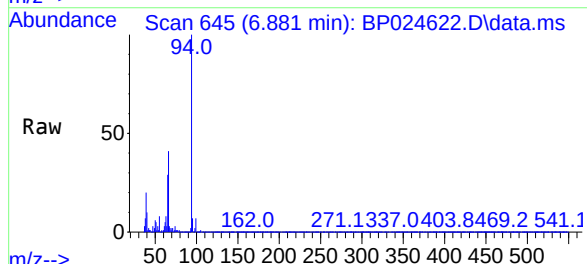
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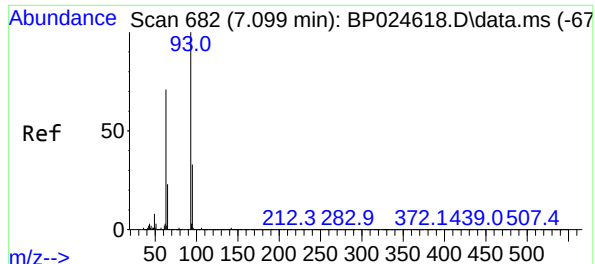
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

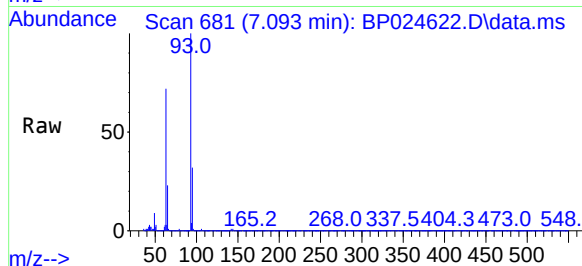
Tgt Ion: 94 Resp: 434788
Ion Ratio Lower Upper
94 100
65 28.6 8.7 48.7
66 40.5 19.4 59.4





#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng
RT: 7.093 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

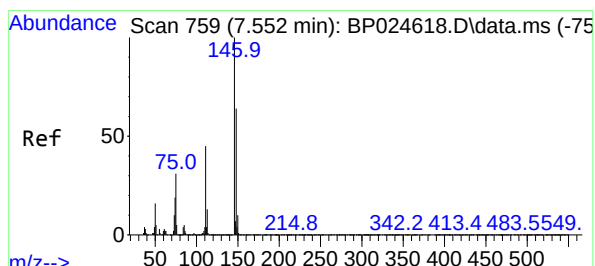
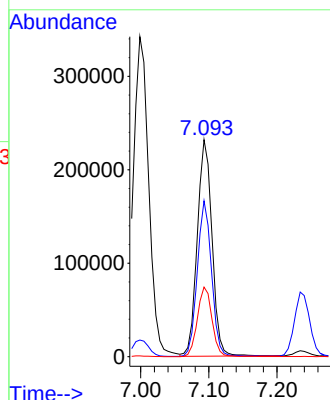
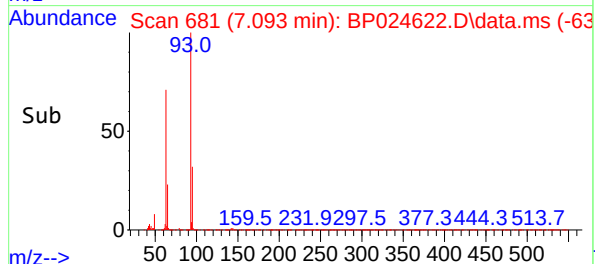
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

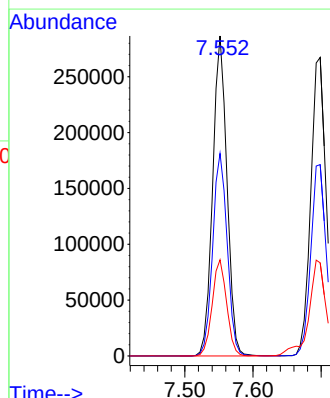
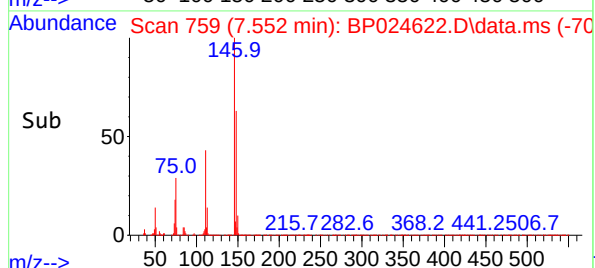
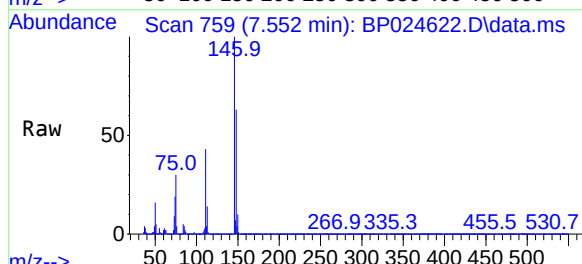
Manual Integrations
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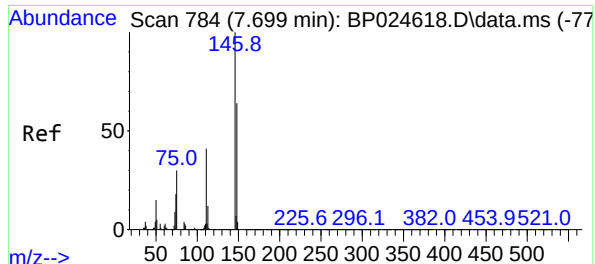
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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: 420432

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

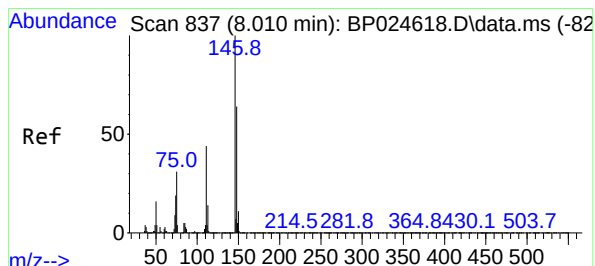
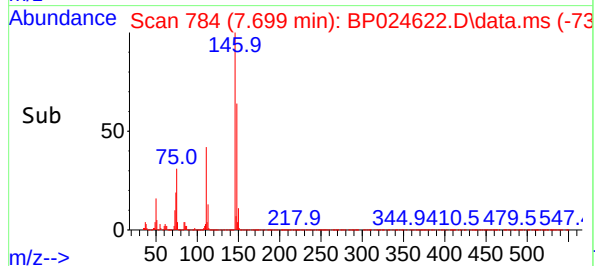
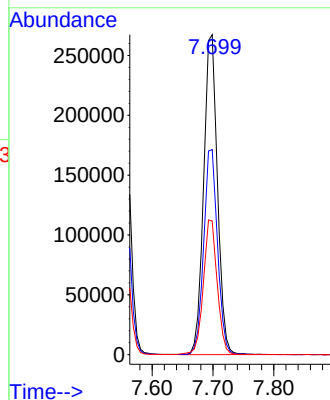
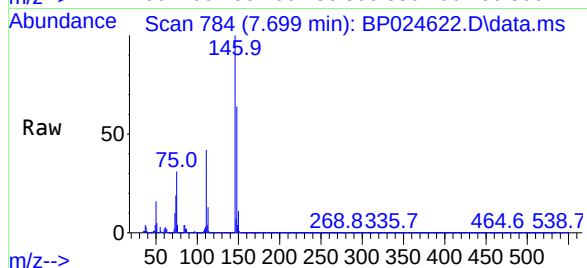
111 41.8 33.0 49.6

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

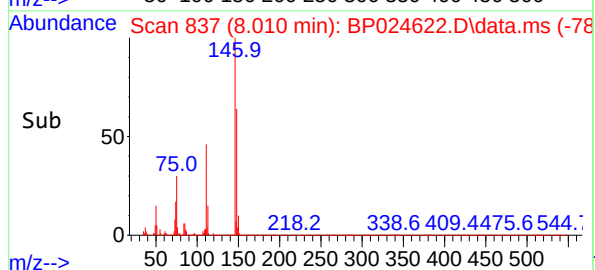
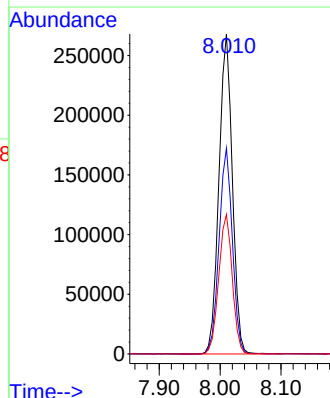
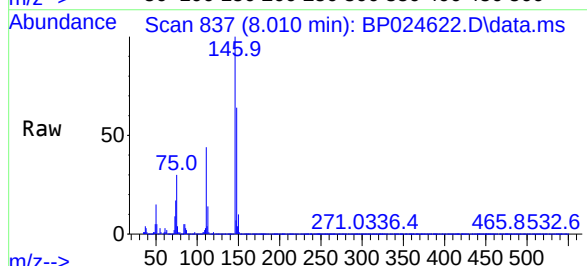
Tgt Ion:146 Resp: 409587

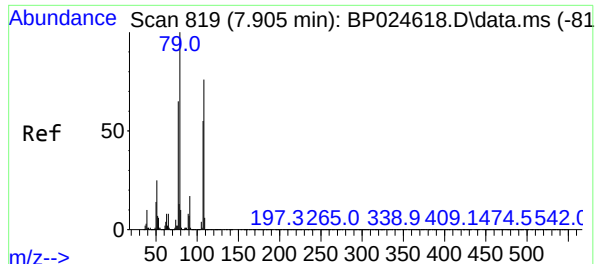
Ion Ratio Lower Upper

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# 81

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

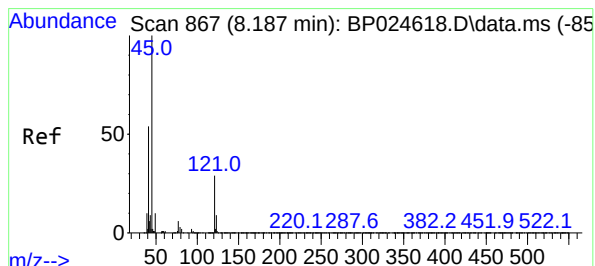
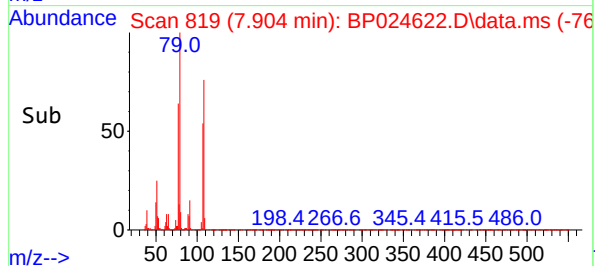
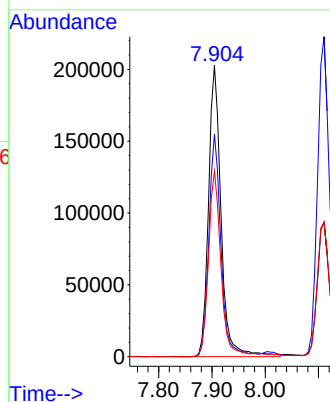
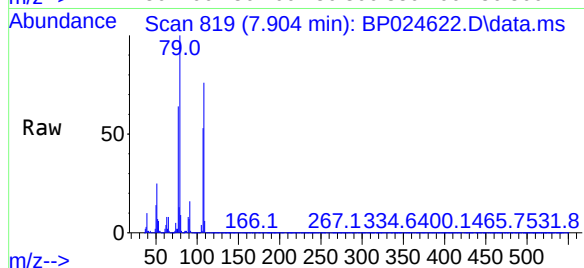
77 63.7 51.9 77.9

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

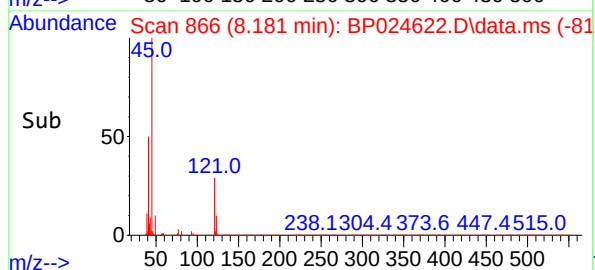
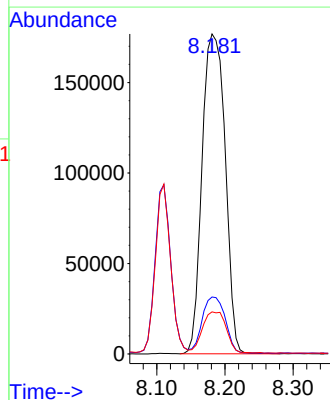
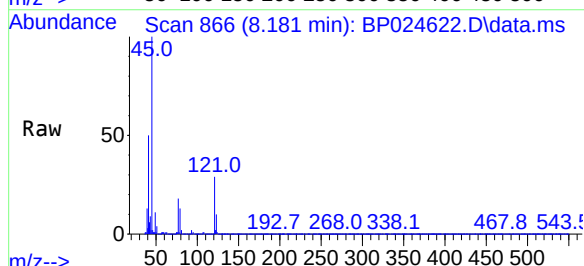
Tgt Ion: 45 Resp: 416339

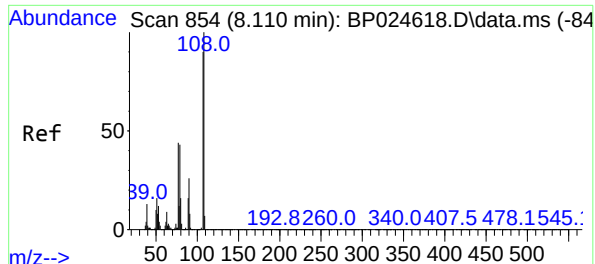
Ion Ratio Lower Upper

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

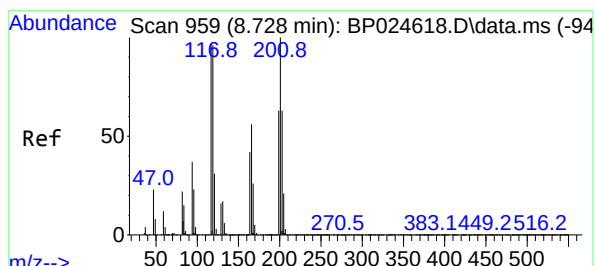
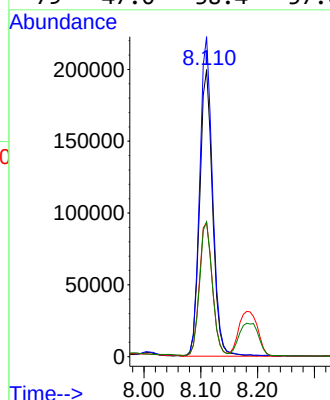
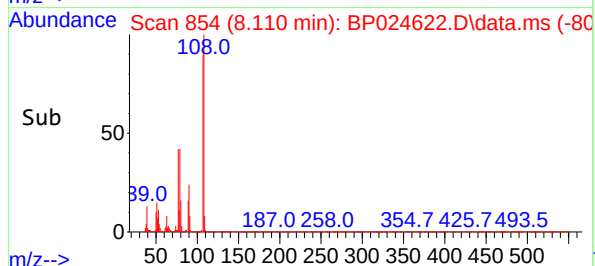
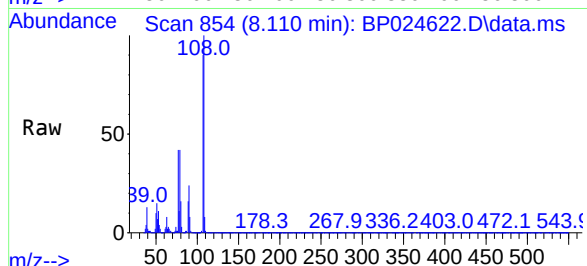
79 47.0 38.4 57.6

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

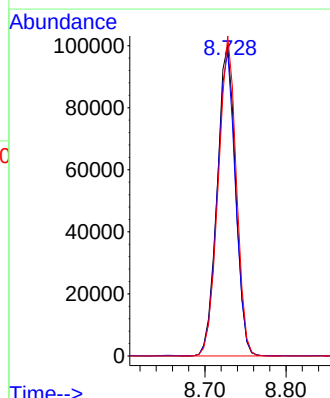
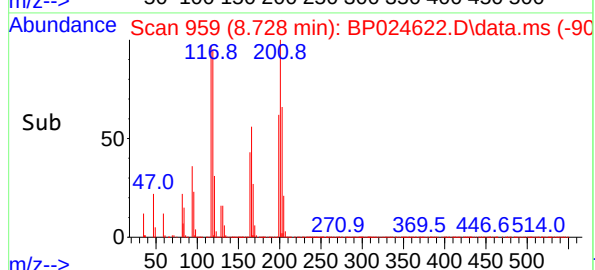
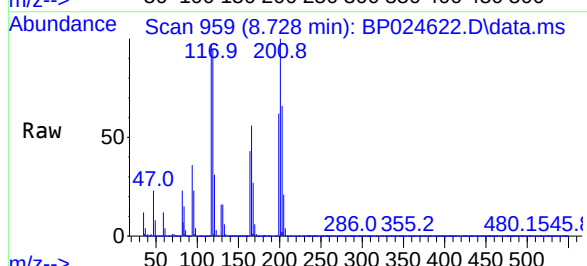
Tgt Ion:117 Resp: 158167

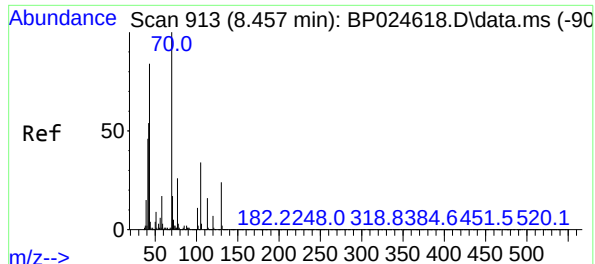
Ion Ratio Lower Upper

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

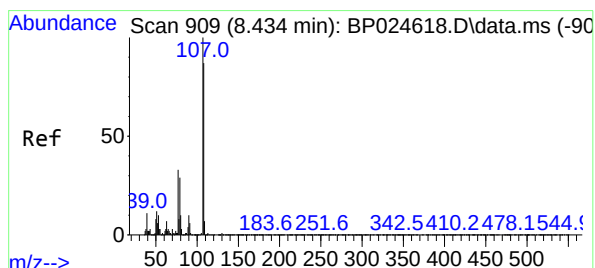
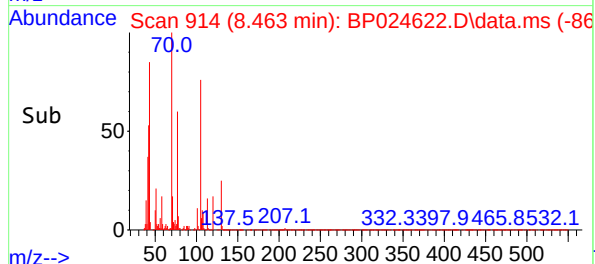
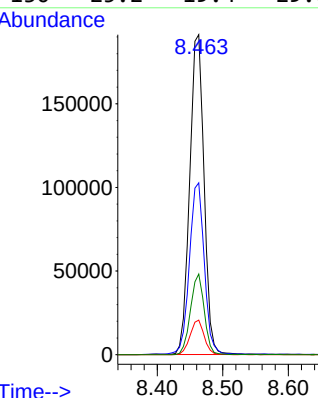
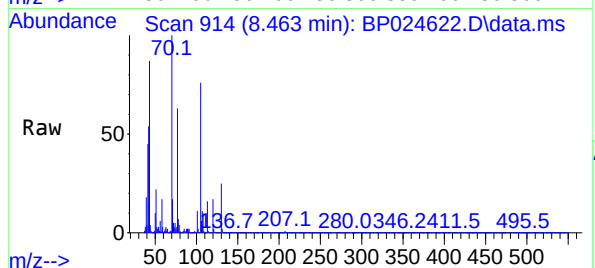
130 25.2 19.4 29.0

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

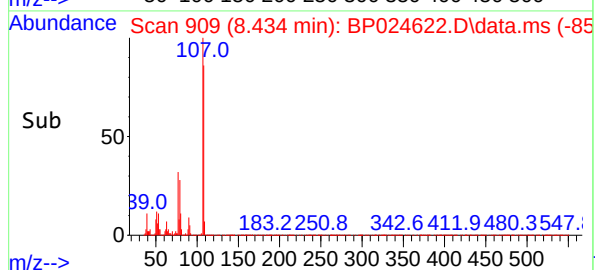
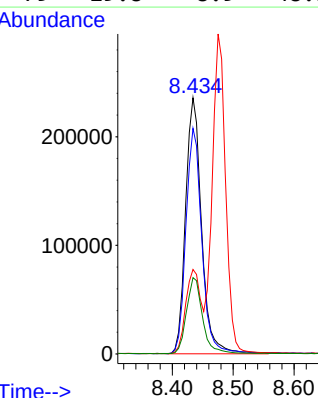
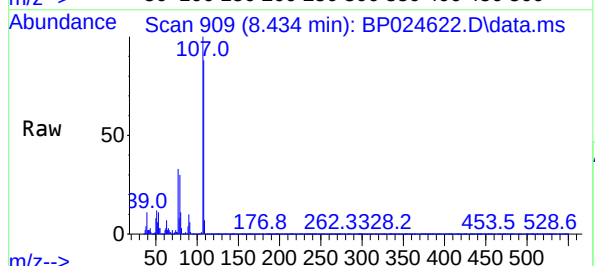
Ion Ratio Lower Upper

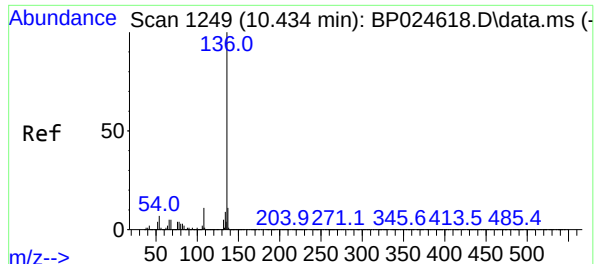
107 100

108 88.1 66.7 106.7

77 33.0 13.1 53.1

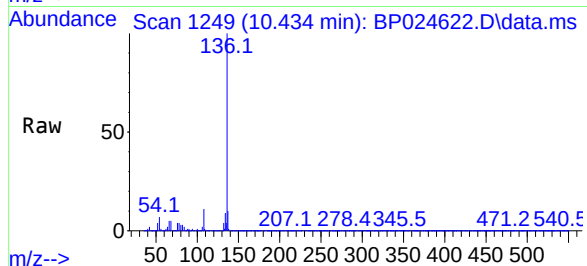
79 29.8 8.9 48.9





#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

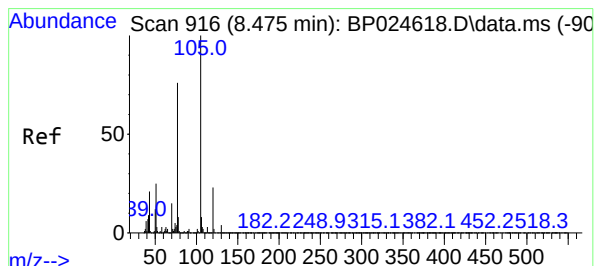
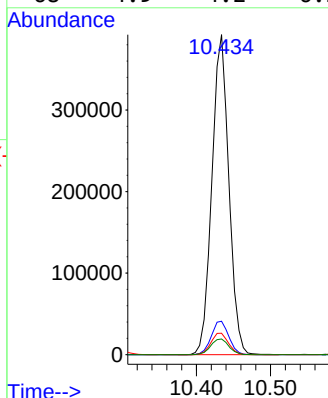
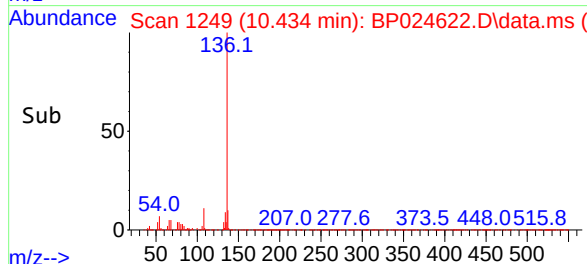
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

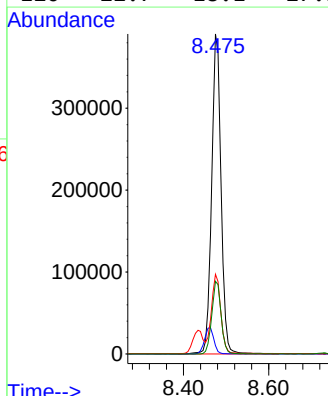
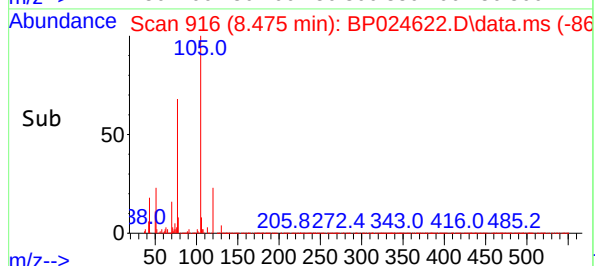
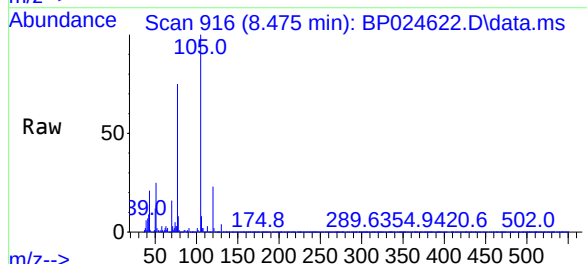
Manual Integrations
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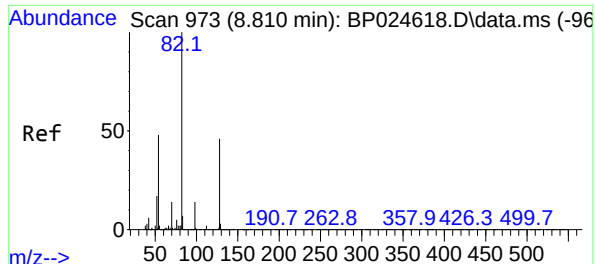
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





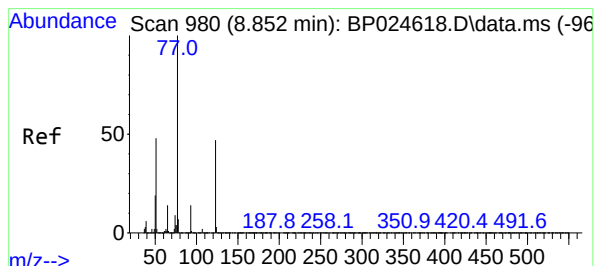
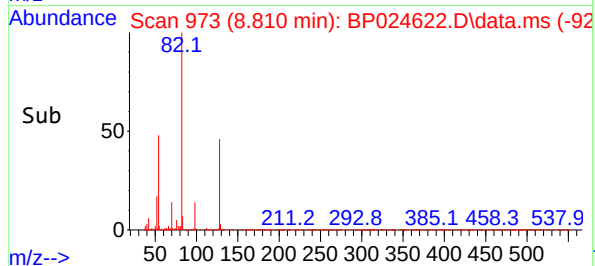
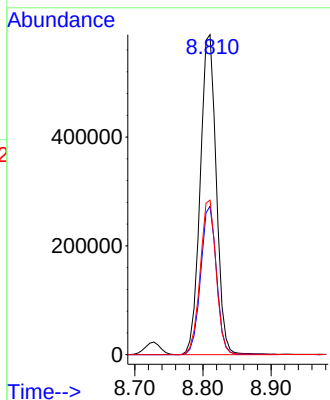
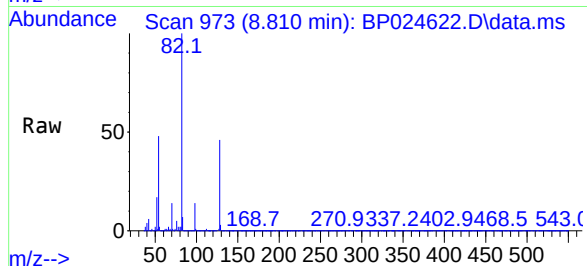
#23
Nitrobenzene-d5
Concen: 78.23 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

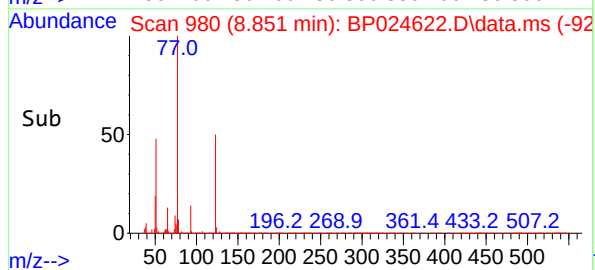
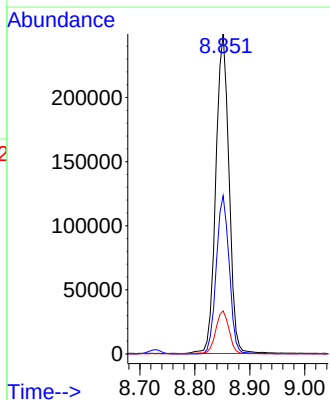
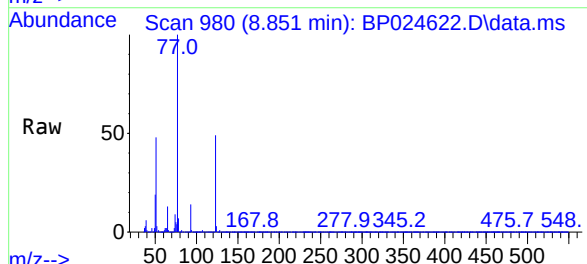
Manual Integrations
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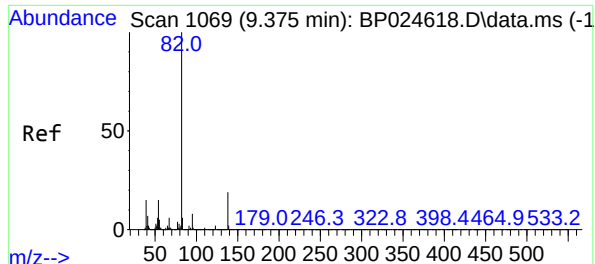
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

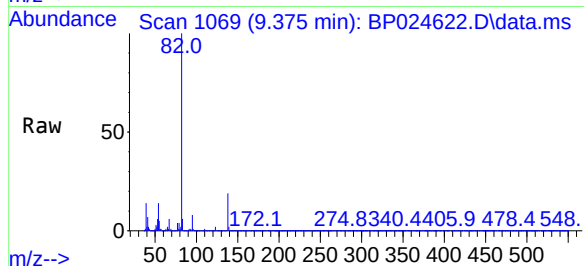
Tgt Ion: 77 Resp: 416985
Ion Ratio Lower Upper
77 100
123 49.5 37.4 56.0
65 13.5 11.3 16.9





#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

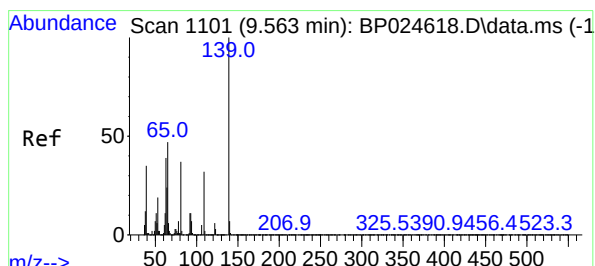
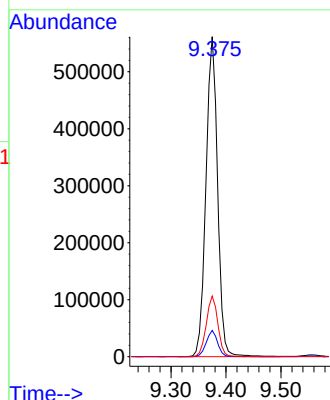
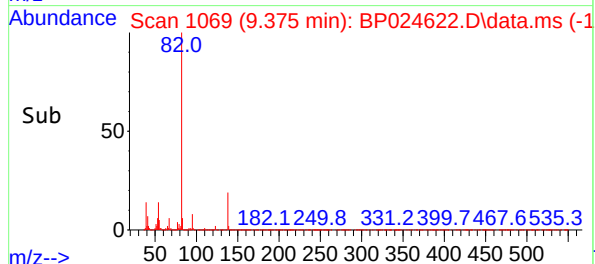
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

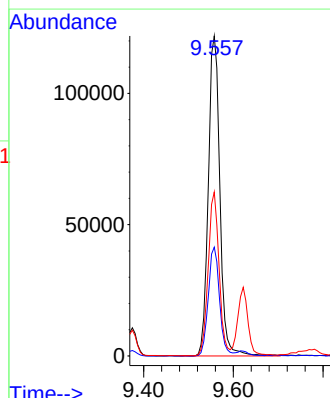
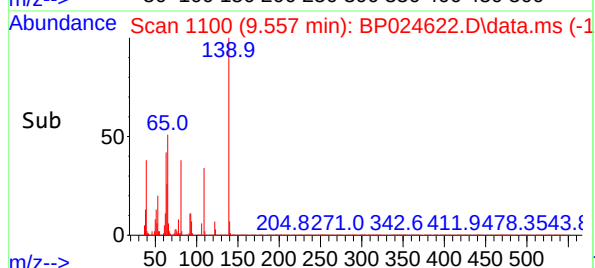
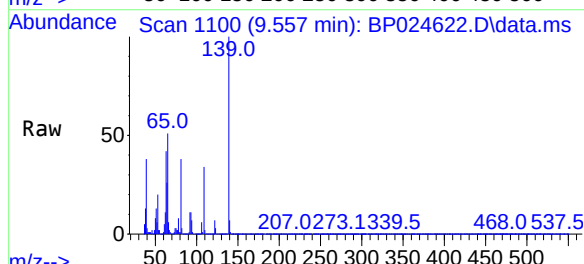
Manual Integrations
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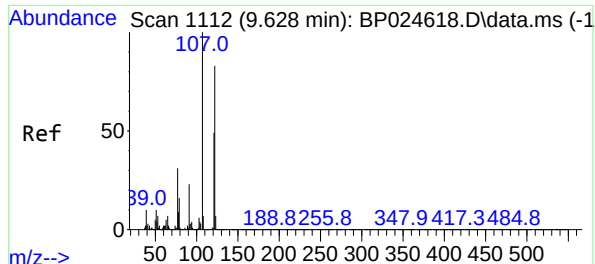
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

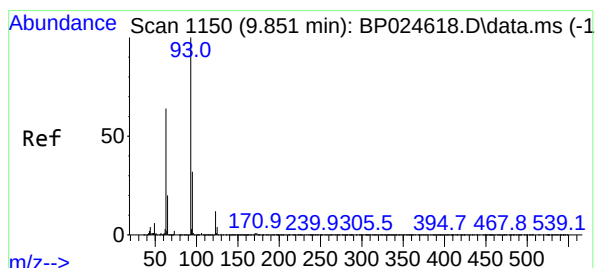
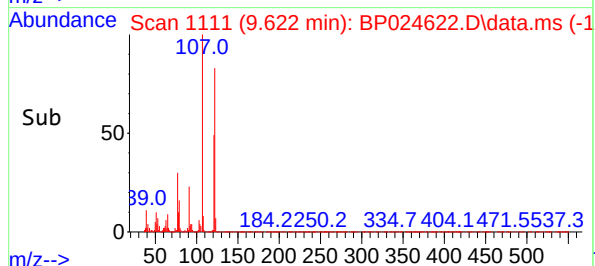
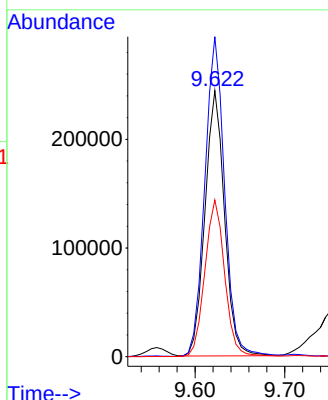
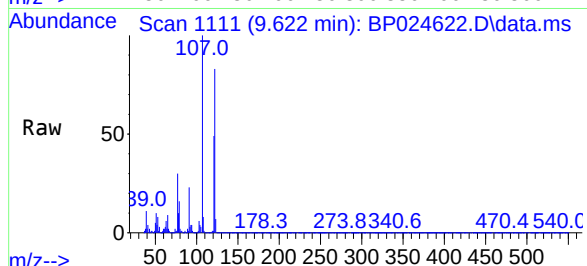
121 58.9 47.6 71.4

Manual Integrations

APPROVED

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

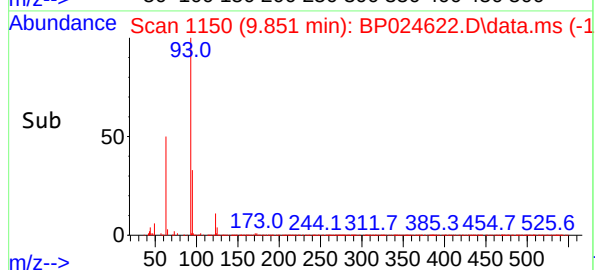
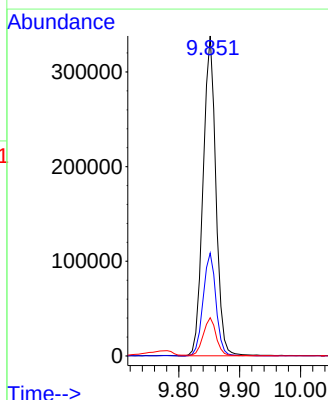
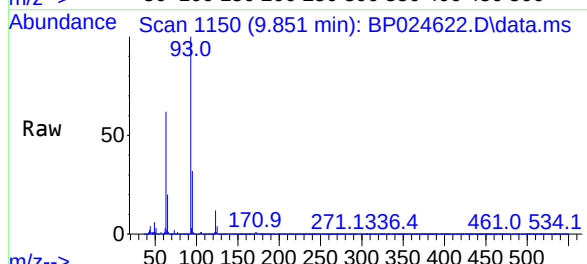
Tgt Ion: 93 Resp: 493722

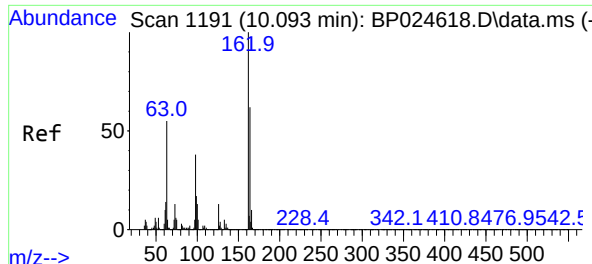
Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

123 12.0 9.7 14.5





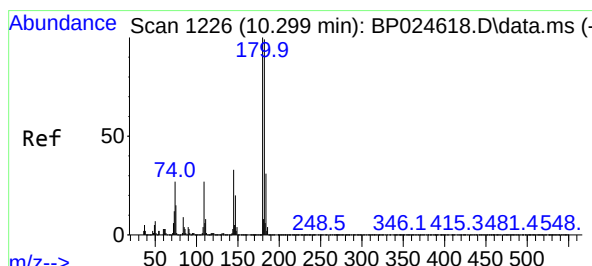
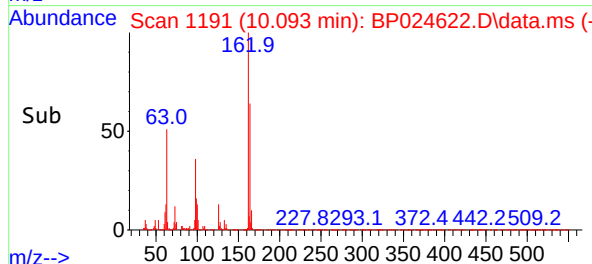
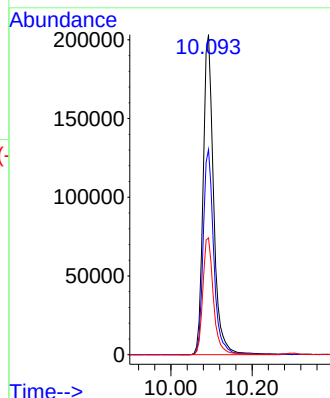
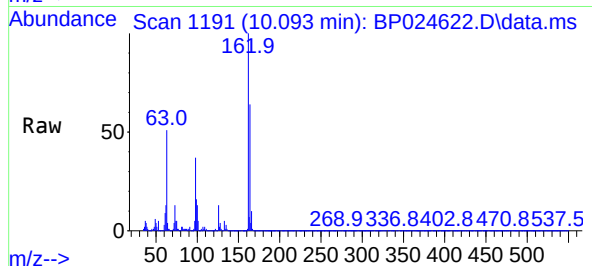
#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 10.093 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

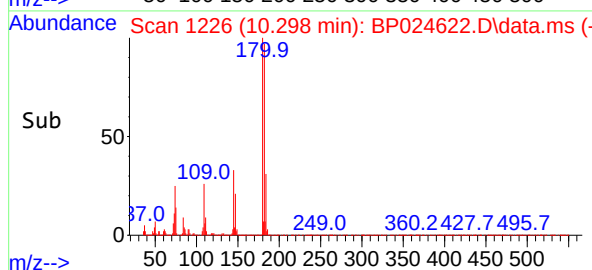
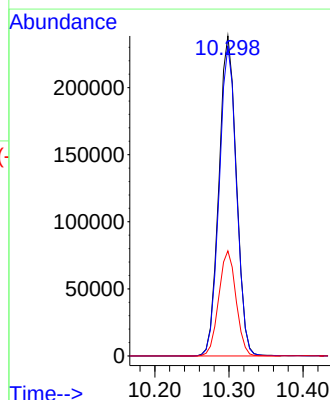
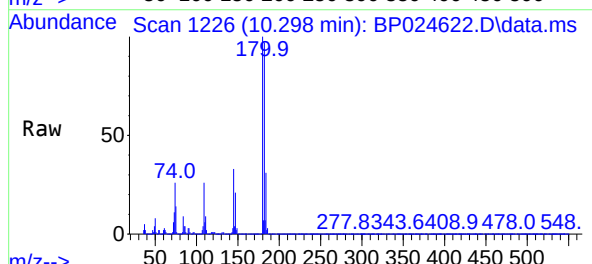
Manual Integrations
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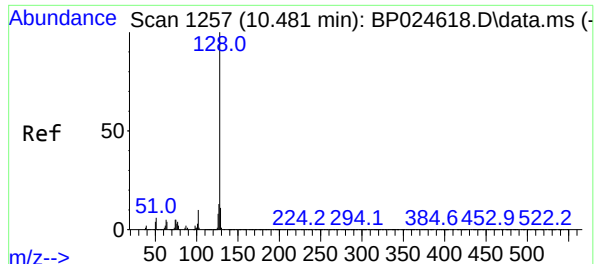
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#30
1,2,4-Trichlorobenzene
Concen: 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





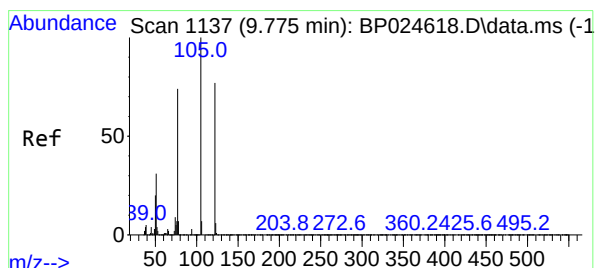
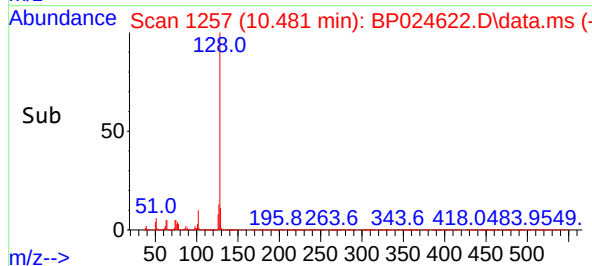
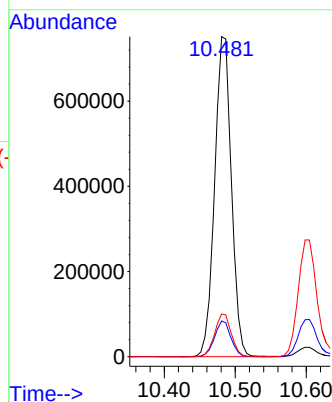
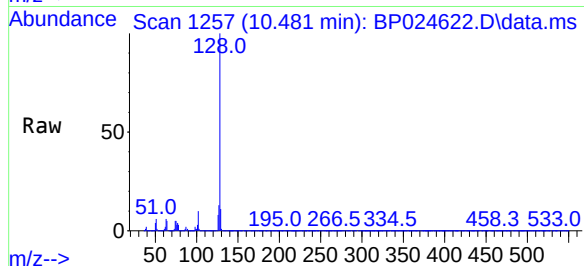
#31
Naphthalene
Concen: 38.07 ng
RT: 10.481 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

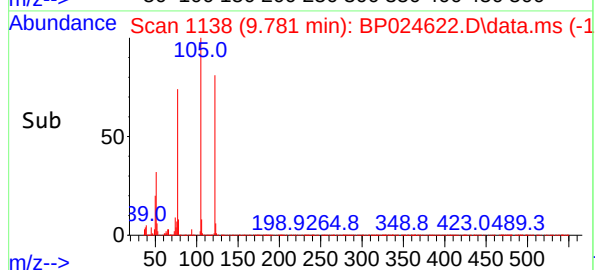
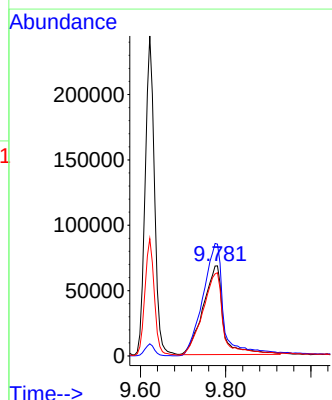
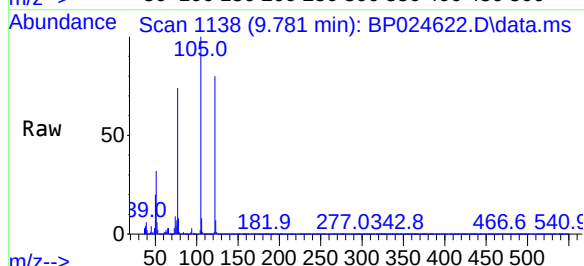
Manual Integrations
APPROVED

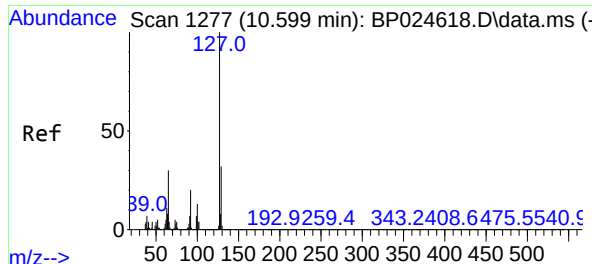
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





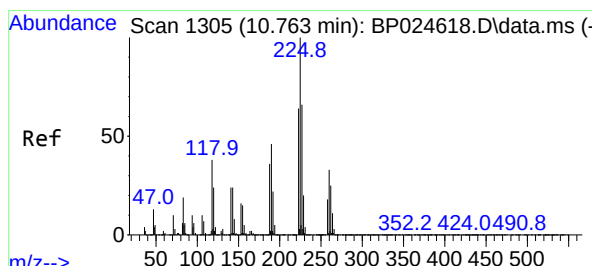
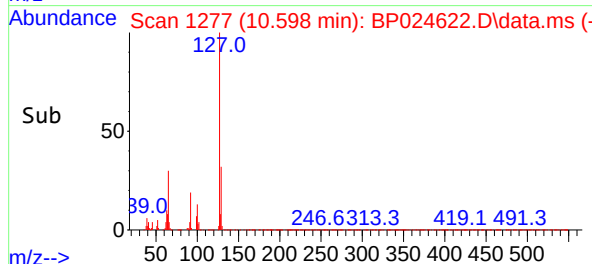
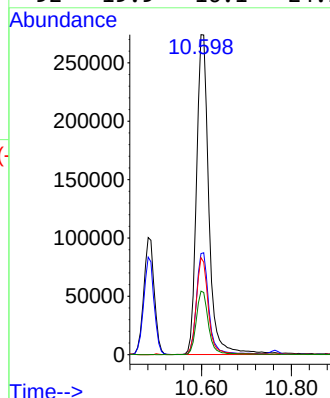
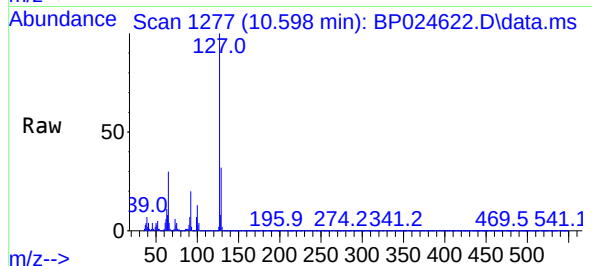
#33
4-Chloroaniline
Concen: 40.37 ng
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

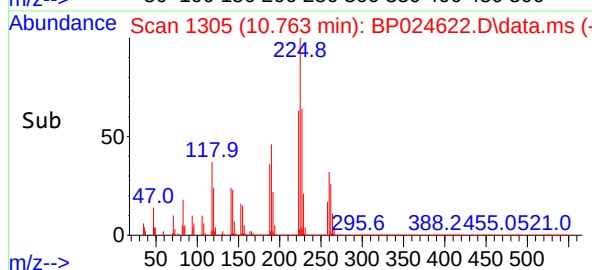
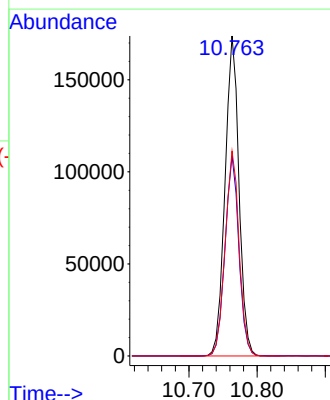
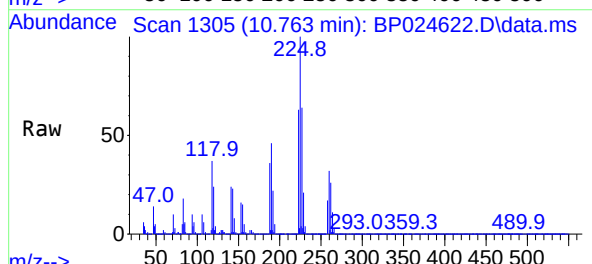
Manual Integrations
APPROVED

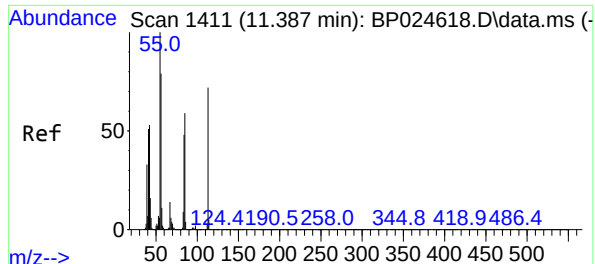
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

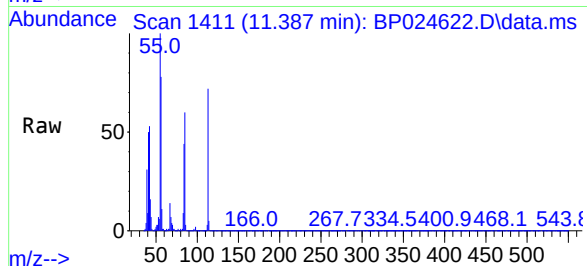
Tgt Ion:	225	Resp:	246776
Ion Ratio	Lower	Upper	
225	100		
223	62.5	51.0	76.6
227	64.0	53.1	79.7





#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

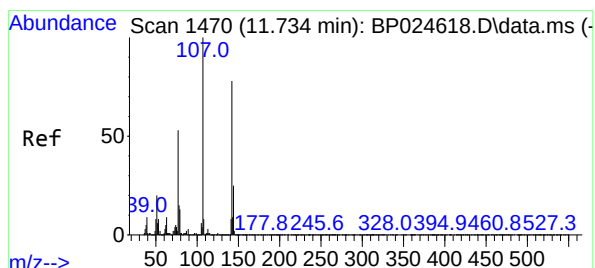
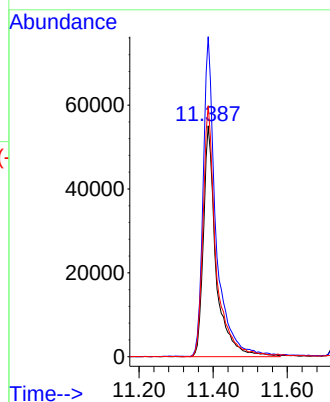
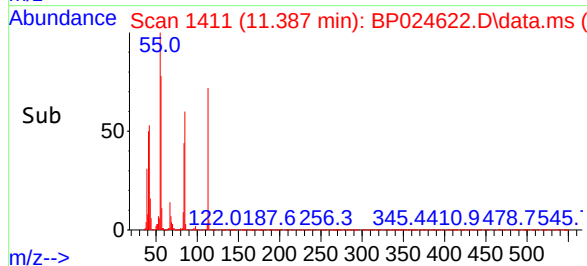
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



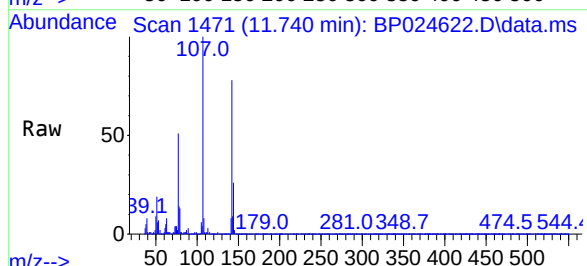
Tgt Ion:113 Resp: 130399
Ion Ratio Lower Upper
113 100
55 138.6 119.0 159.0
56 108.8 90.3 130.3

Manual Integrations
APPROVED

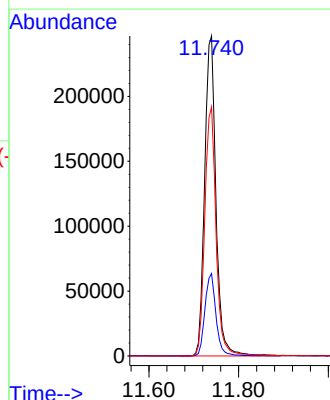
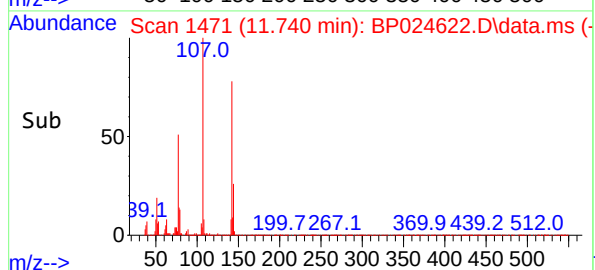
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

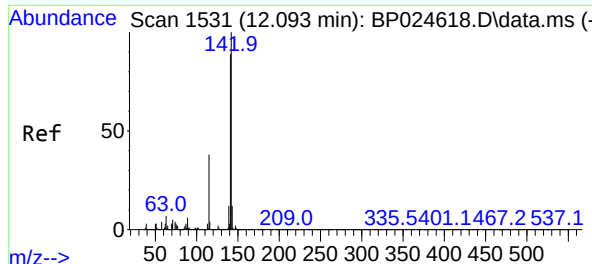


#36
4-Chloro-3-methylphenol
Concen: 39.01 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



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





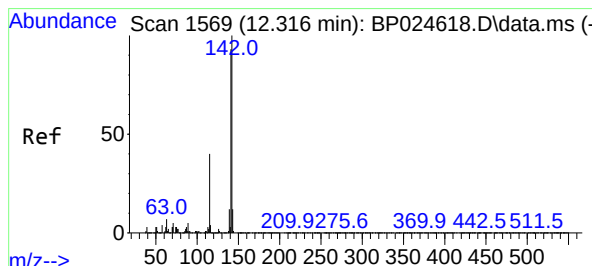
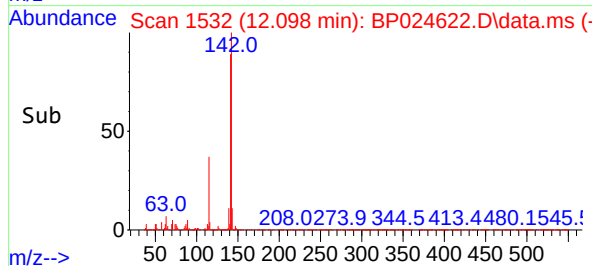
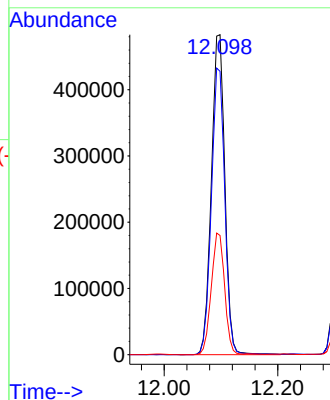
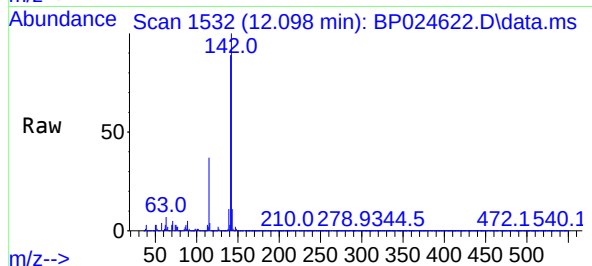
#37
2-Methylnaphthalene
Concen: 37.85 ng
RT: 12.098 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

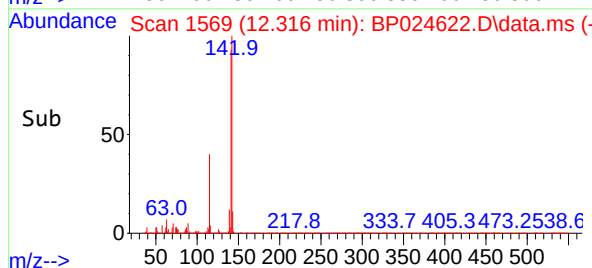
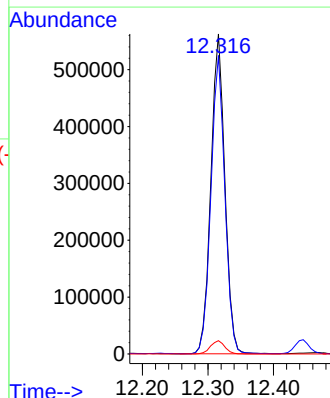
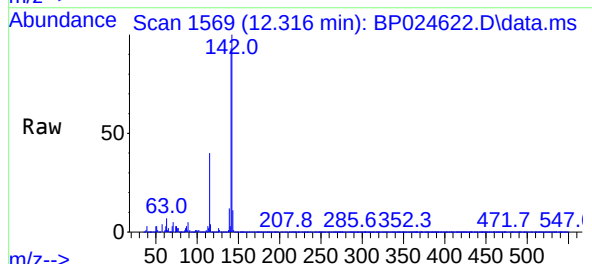
Manual Integrations
APPROVED

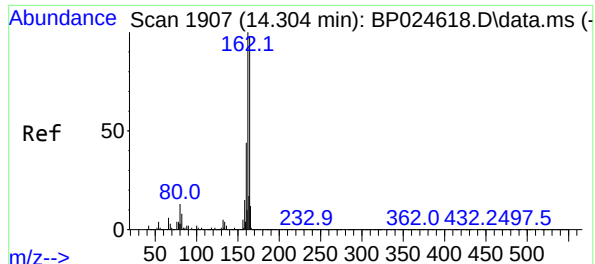
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

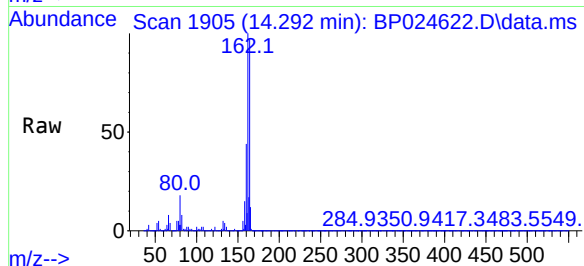
Tgt Ion:142 Resp: 833521
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1
116 4.2 3.4 5.2





#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

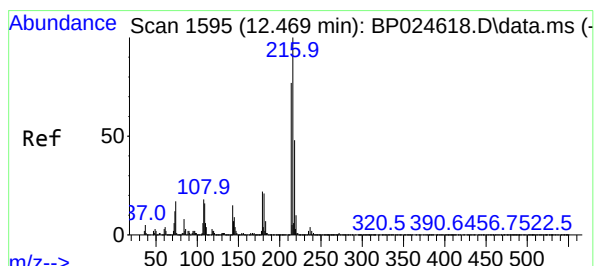
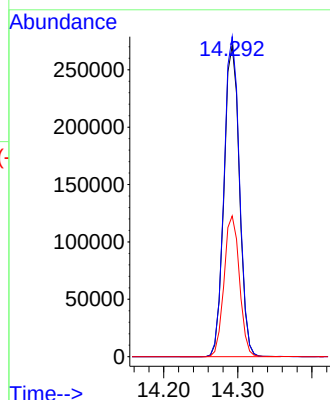
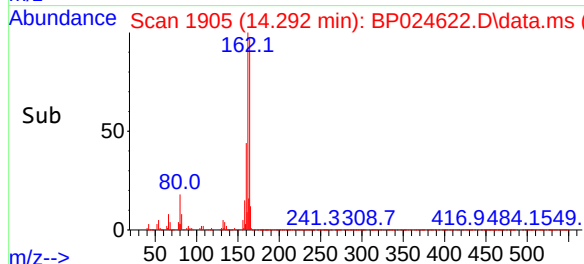
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:164 Resp: 391111
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 45.2 36.3 54.5

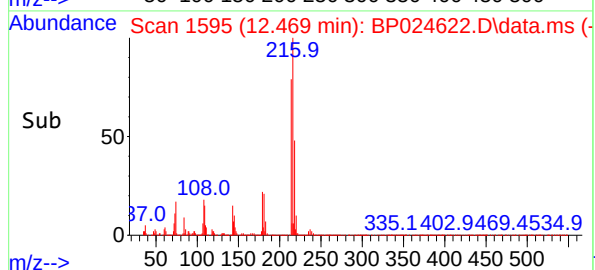
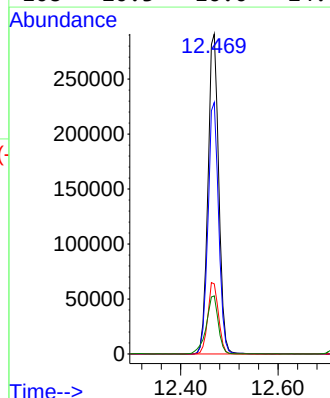
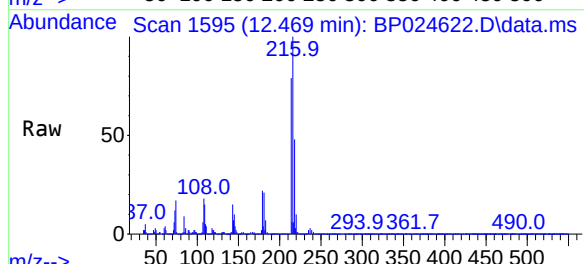
Manual Integrations
APPROVED

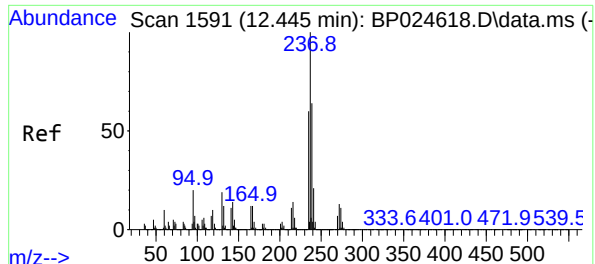
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 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

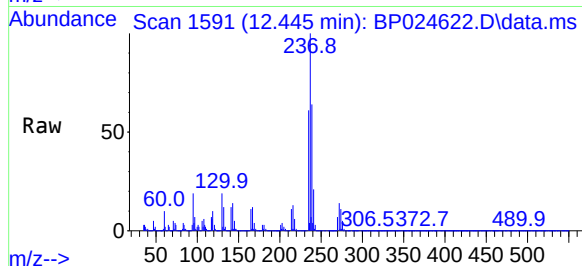
Tgt Ion:216 Resp: 444420
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 22.2 17.7 26.5
108 20.3 16.0 24.0





#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

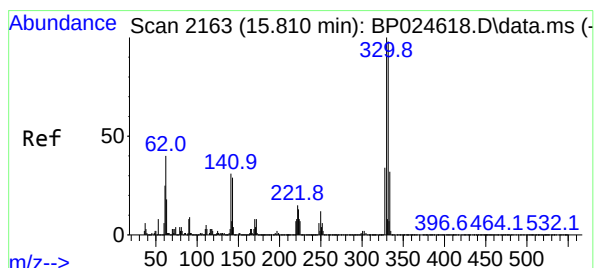
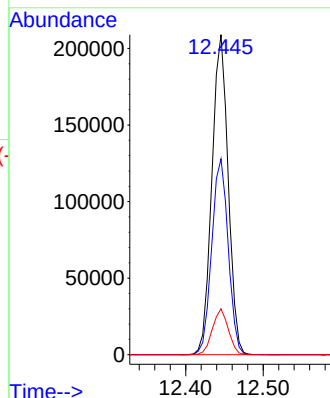
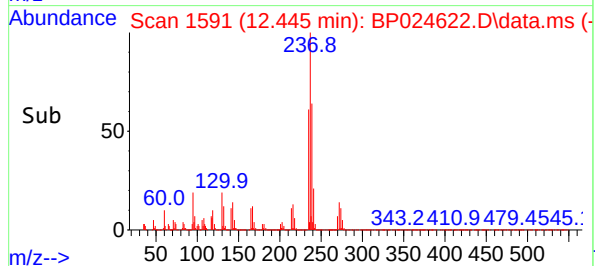
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

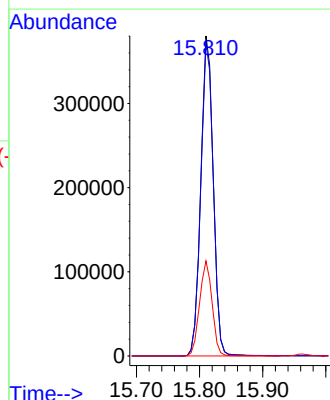
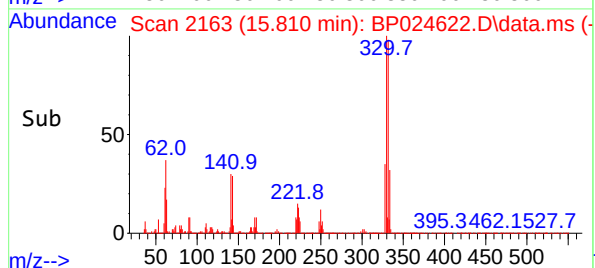
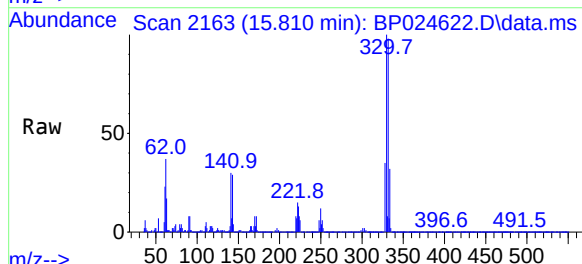
Manual Integrations
APPROVED

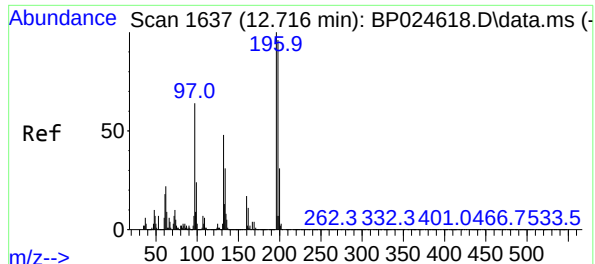
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

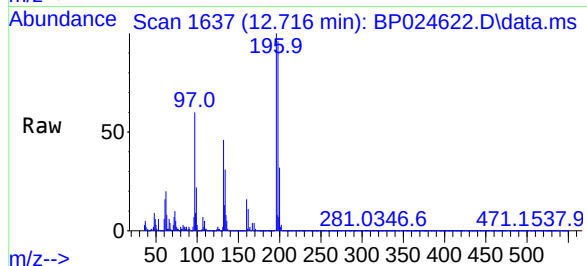
Tgt Ion: 330 Resp: 520660
Ion Ratio Lower Upper
330 100
332 98.2 78.2 117.4
141 29.8 24.3 36.5





#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

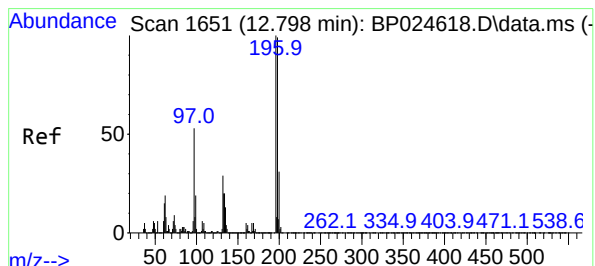
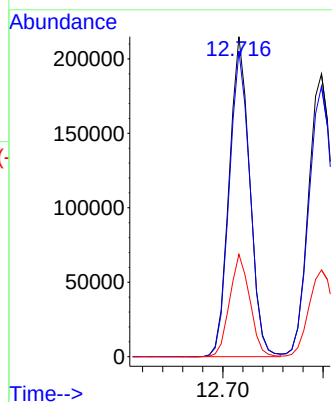
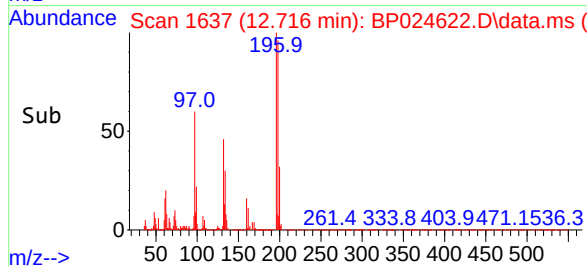
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



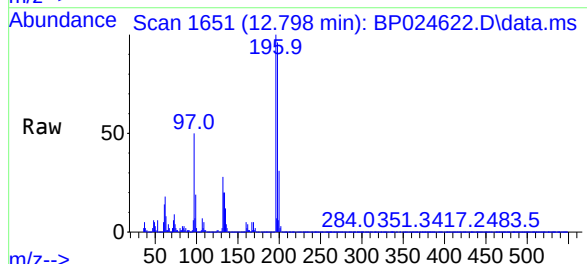
Tgt Ion:196 Resp: 305652
Ion Ratio Lower Upper
196 100
198 95.5 76.9 115.3
200 32.0 25.2 37.8

Manual Integrations
APPROVED

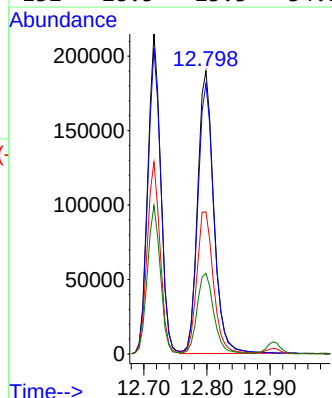
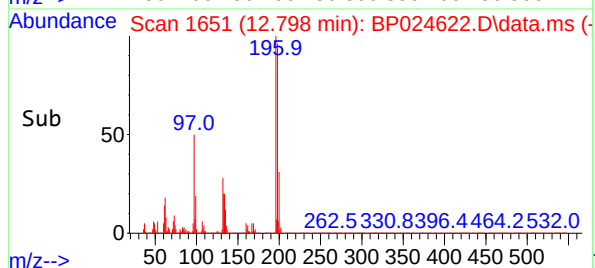
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

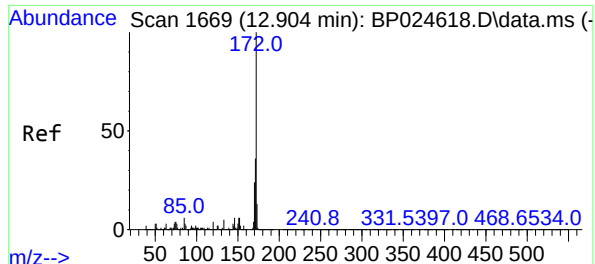


#44
2,4,5-Trichlorophenol
Concen: 41.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



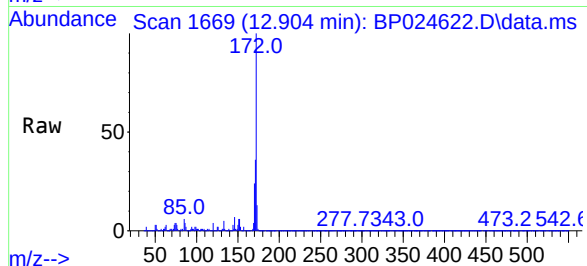
Tgt Ion:196 Resp: 336252
Ion Ratio Lower Upper
196 100
198 95.6 79.2 118.8
97 50.2 42.3 63.5
132 28.5 23.3 34.9





#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

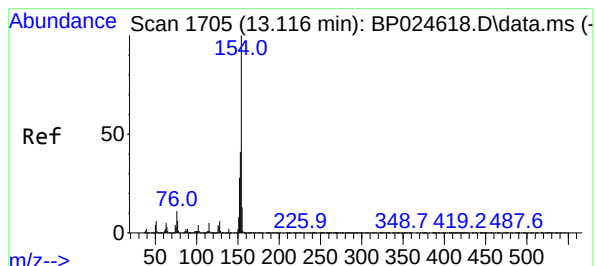
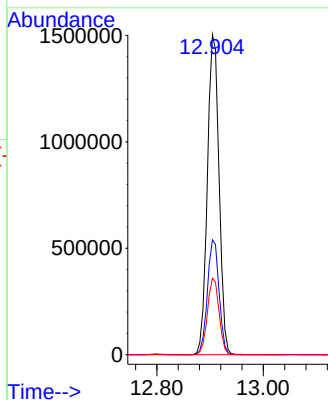
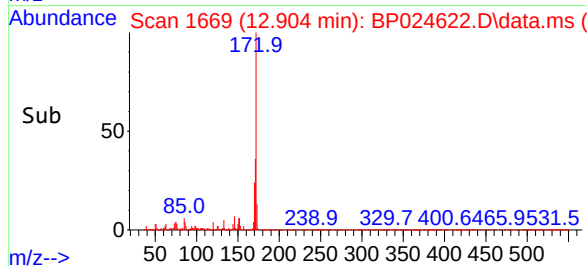
Instrument :
BNA_P
Client Sample Id :
ICVBP051325



Tgt Ion:172 Resp: 2290711
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 18.8 28.2

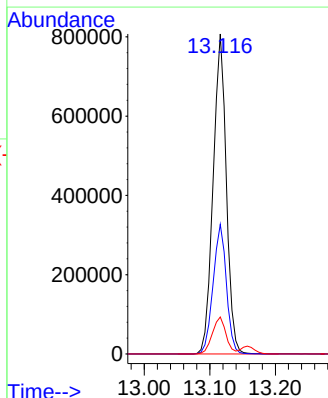
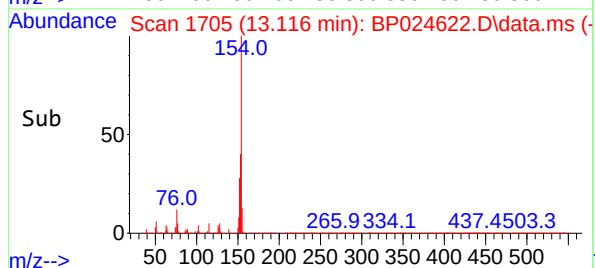
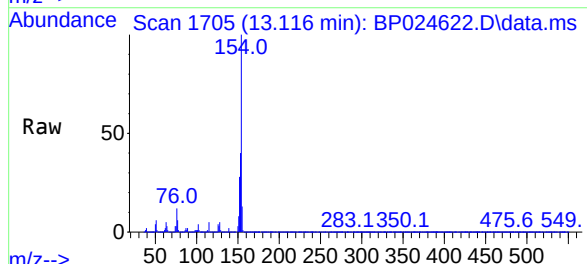
Manual Integrations
APPROVED

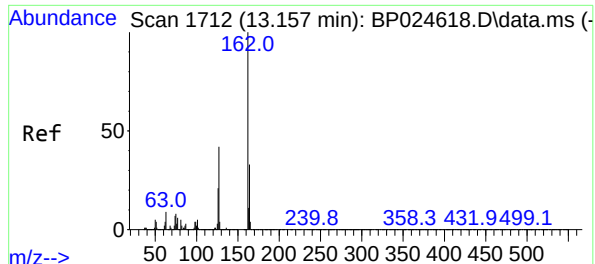
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 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

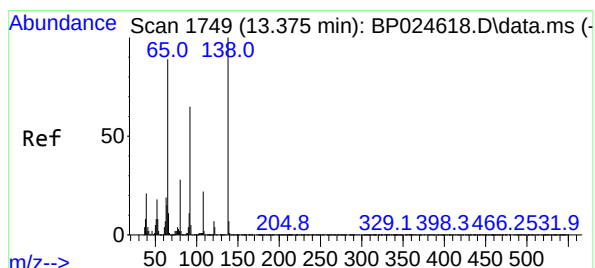
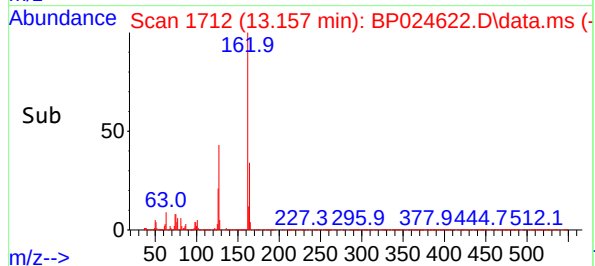
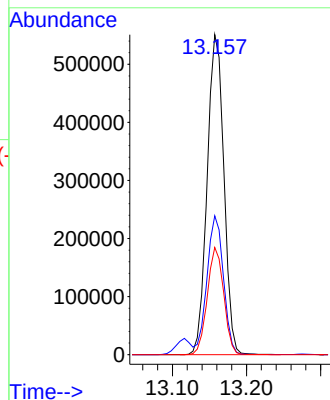
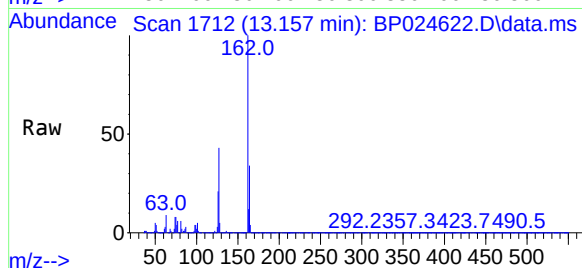
164 33.5 26.0 39.0

Manual Integrations

APPROVED

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

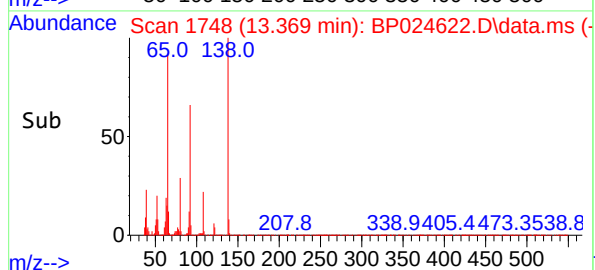
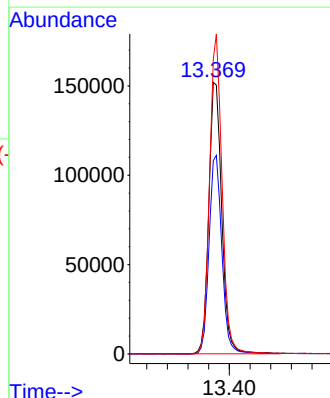
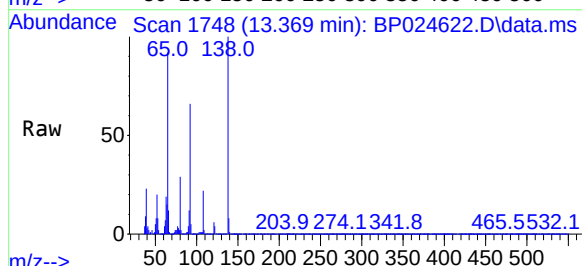
Tgt Ion: 65 Resp: 264965

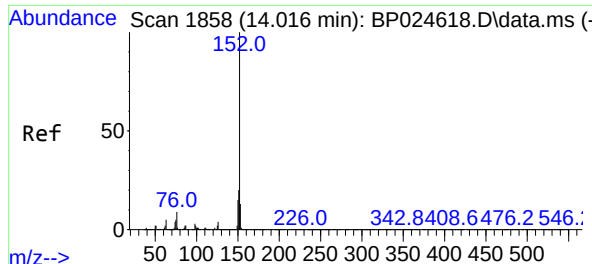
Ion Ratio Lower Upper

65 100

92 71.2 58.7 88.1

138 108.5 90.2 135.2





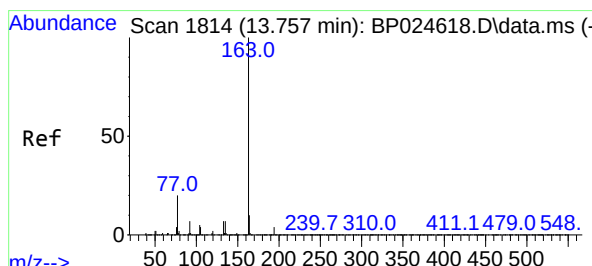
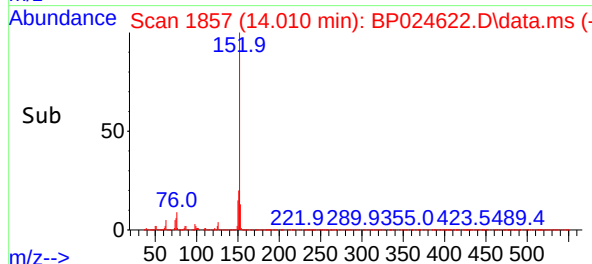
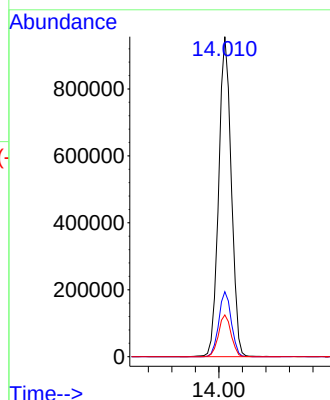
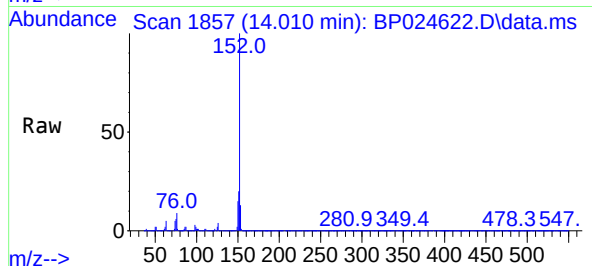
#49
Acenaphthylene
Concen: 38.49 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

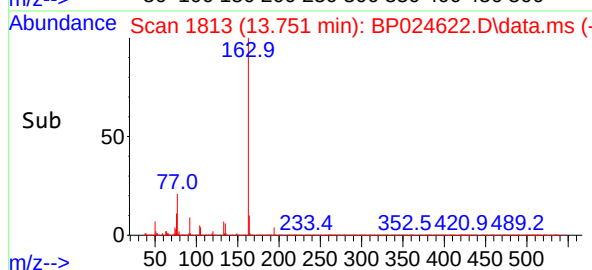
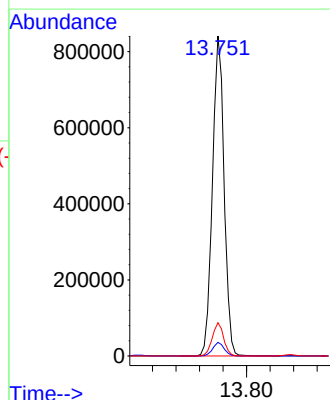
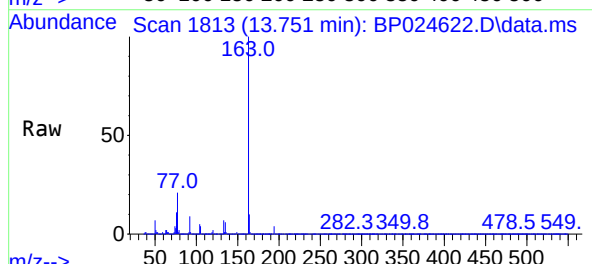
Manual Integrations
APPROVED

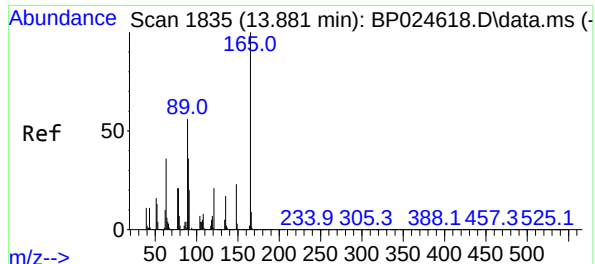
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

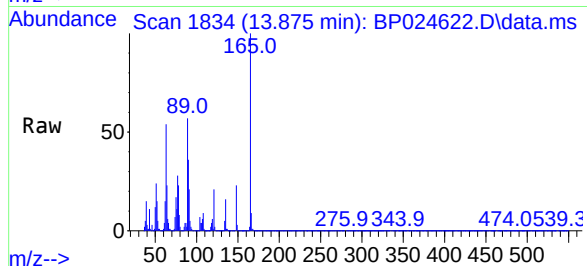
Tgt Ion:163 Resp: 1155211
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.1 12.1





#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

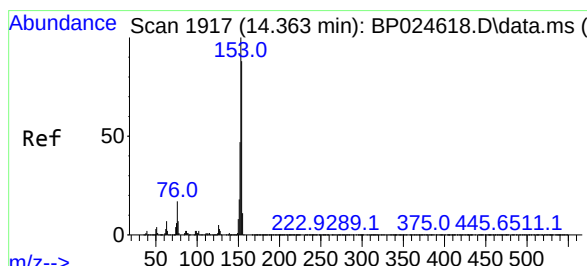
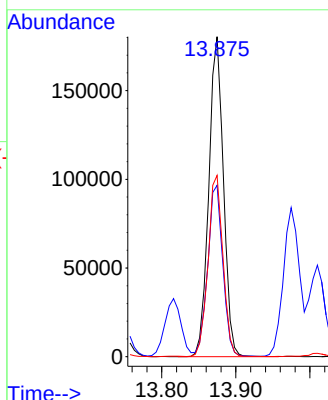
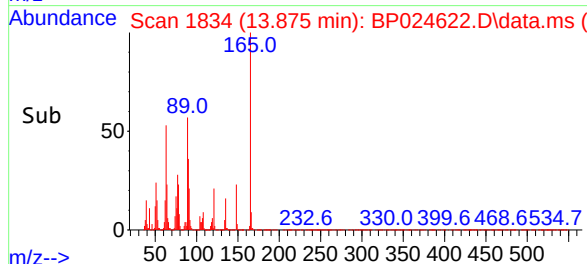
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



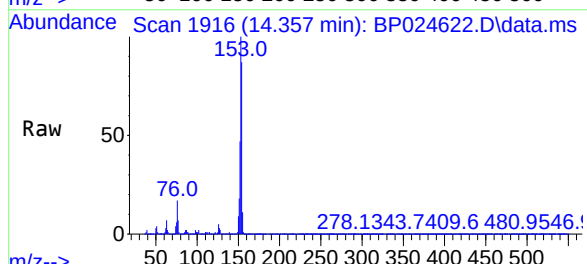
Tgt Ion:165 Resp: 24753
Ion Ratio Lower Upper
165 100
63 53.5 42.4 63.6
89 56.6 44.8 67.2

Manual Integrations
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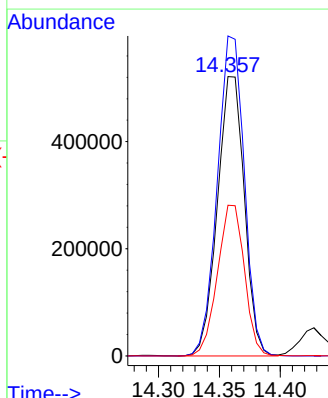
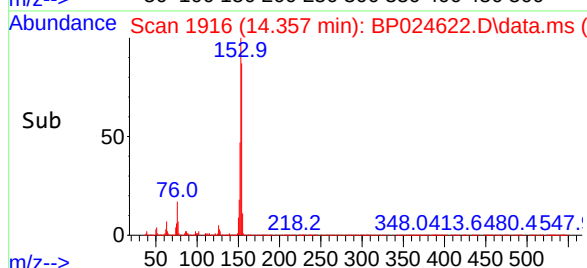
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

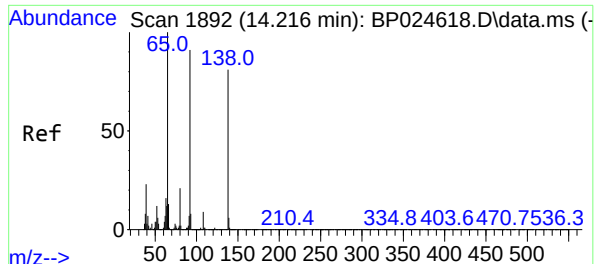


#52
Acenaphthene
Concen: 37.90 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



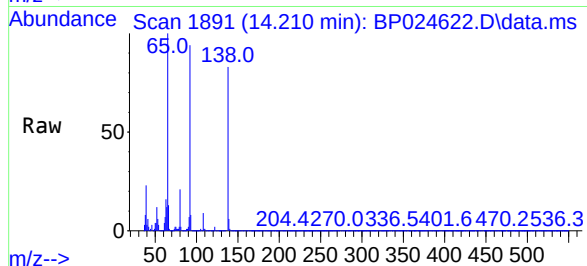
Tgt Ion:154 Resp: 803755
Ion Ratio Lower Upper
154 100
153 114.5 91.0 136.4
152 54.0 42.9 64.3





#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

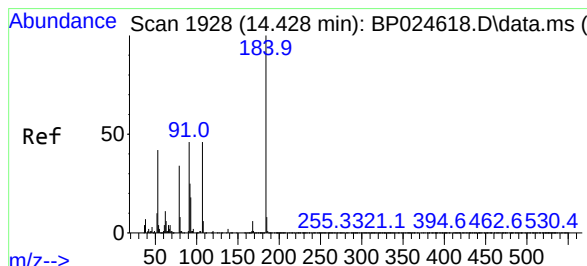
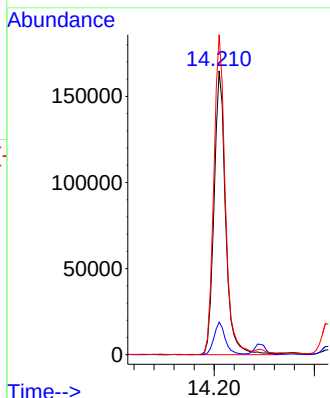
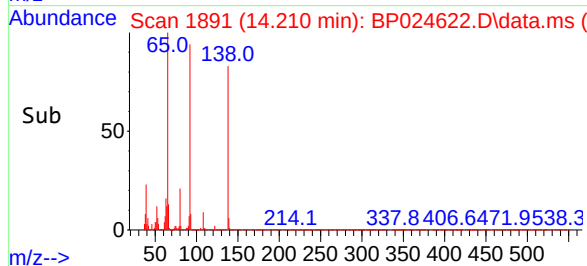
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

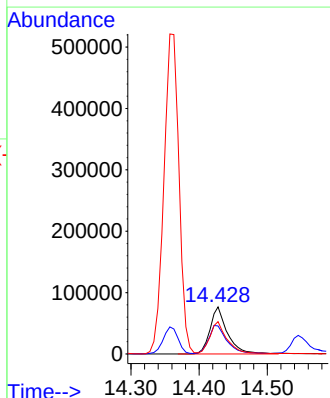
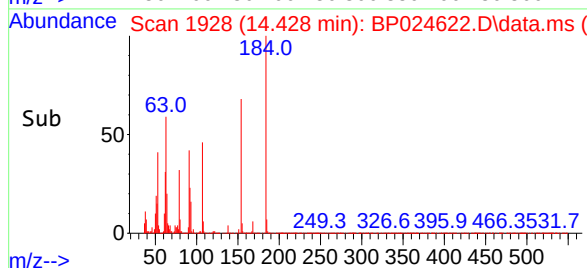
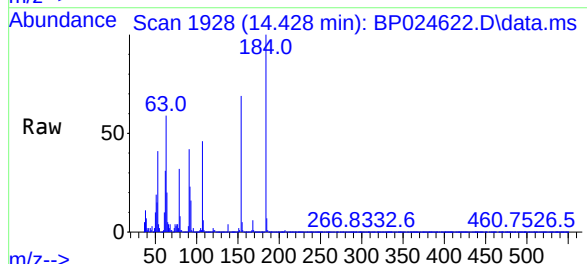
Manual Integrations
APPROVED

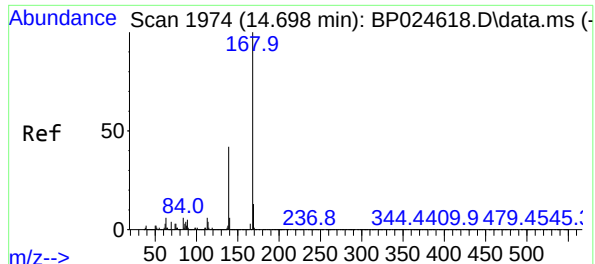
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

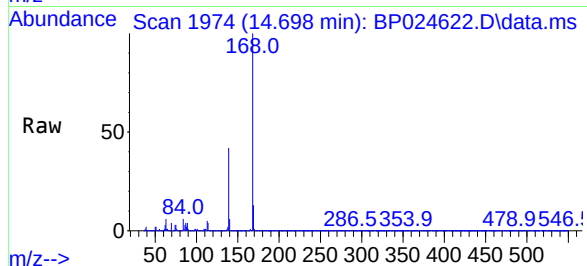
Tgt Ion:184 Resp: 135624
Ion Ratio Lower Upper
184 100
63 59.3 51.3 76.9
154 68.5 53.5 80.3





#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

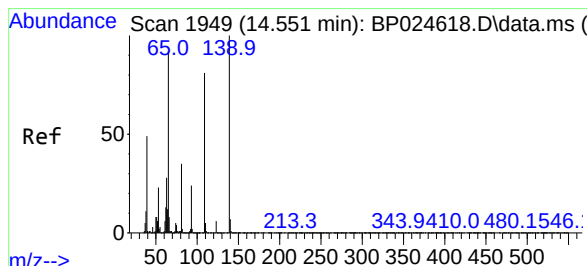
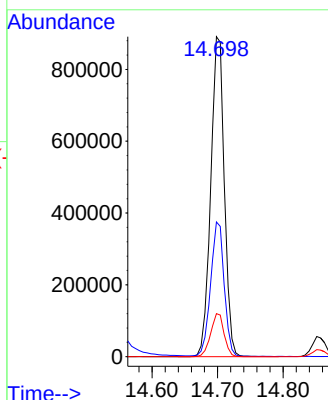
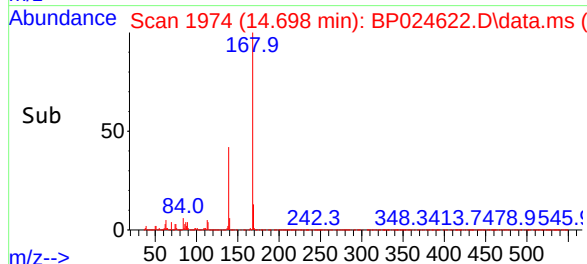
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



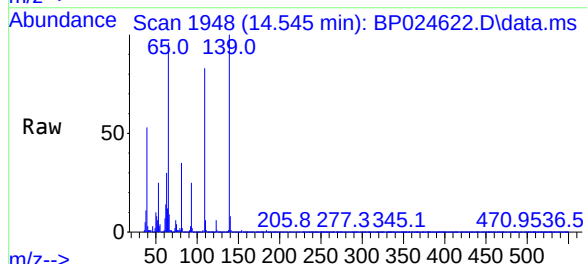
Tgt Ion:168 Resp: 1282228
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.5 10.8 16.2

Manual Integrations
APPROVED

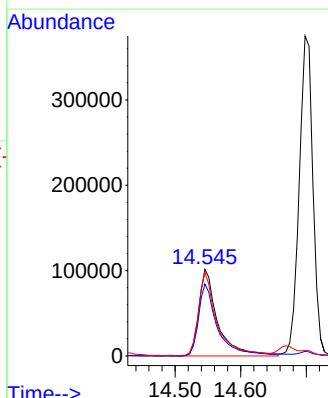
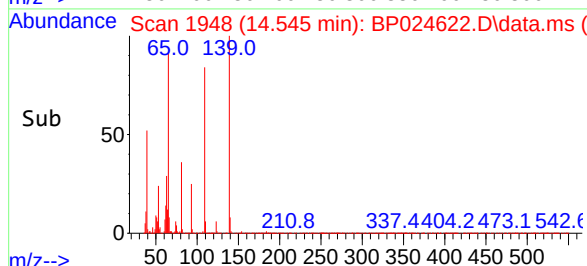
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

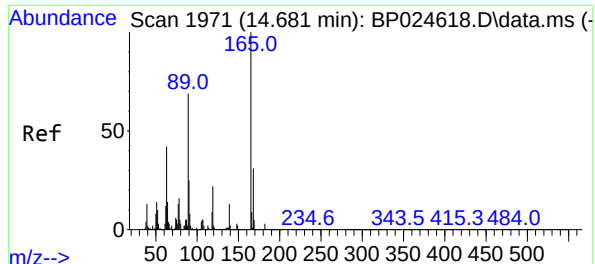


#56
4-Nitrophenol
Concen: 38.70 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



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 :

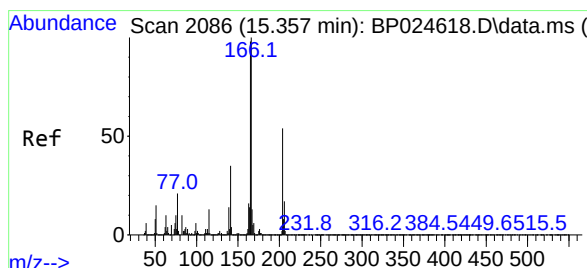
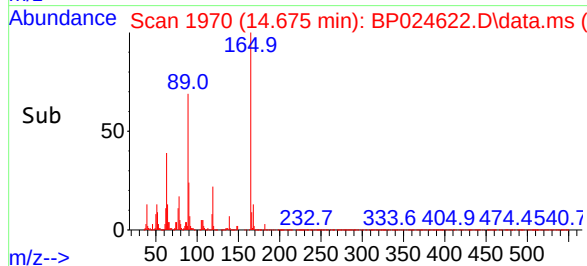
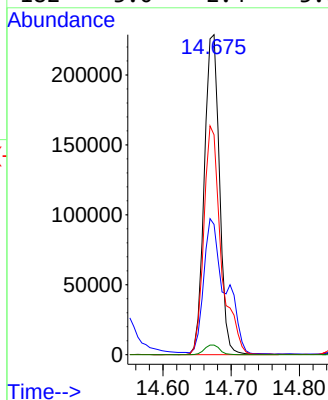
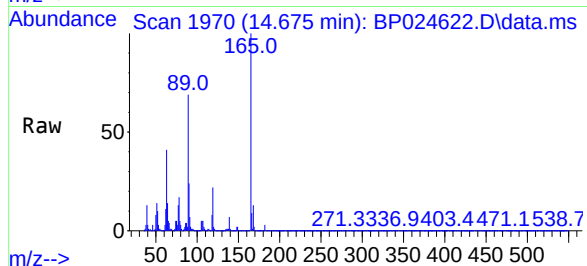
ICVBP051325

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

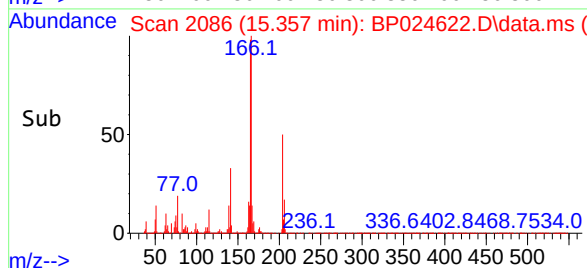
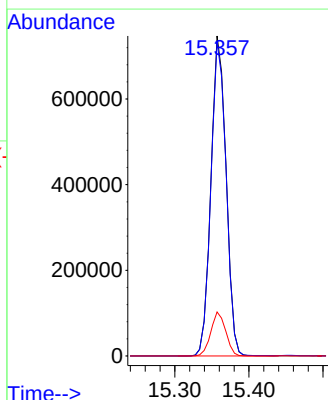
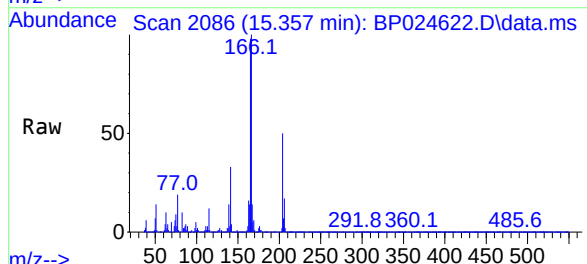
APPROVED

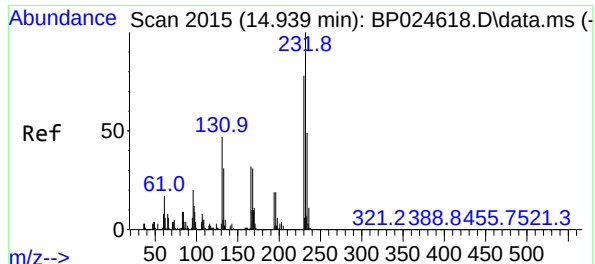
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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: 29832

Ion Ratio Lower Upper

232 100

131 48.9 39.5 59.3

130 2.8 2.2 3.4

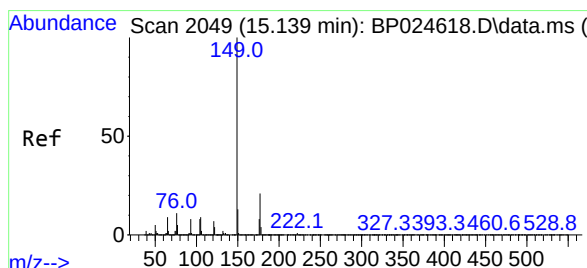
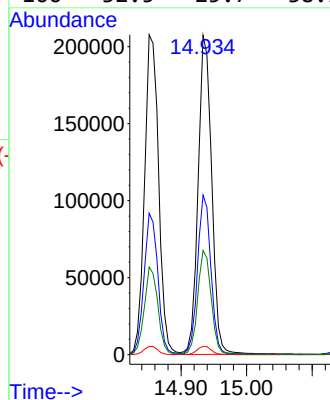
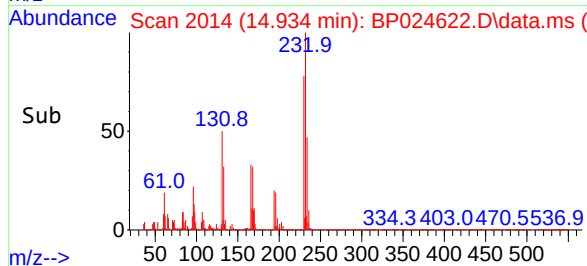
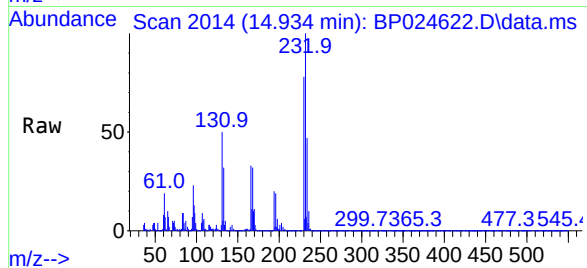
166 32.5 25.7 38.5

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

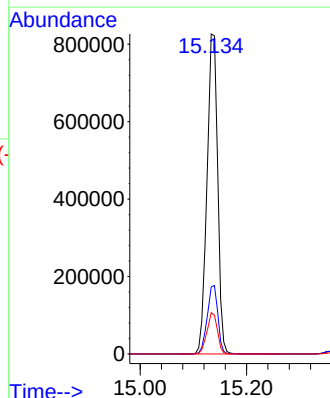
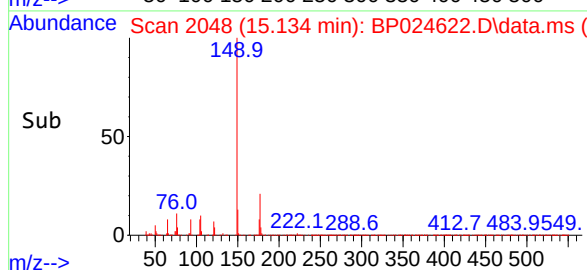
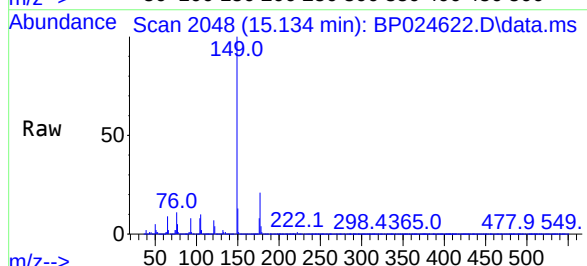
Tgt Ion:149 Resp: 1150091

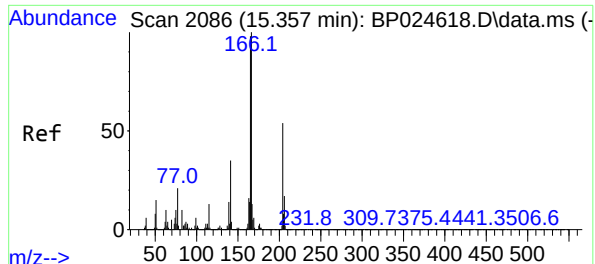
Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

150 12.9 10.2 15.2





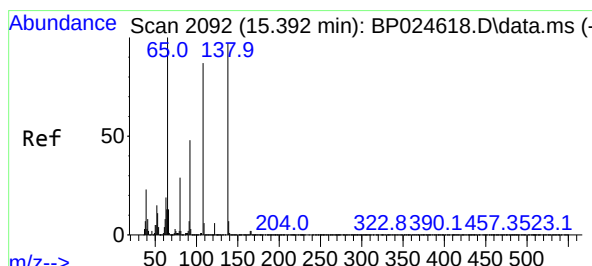
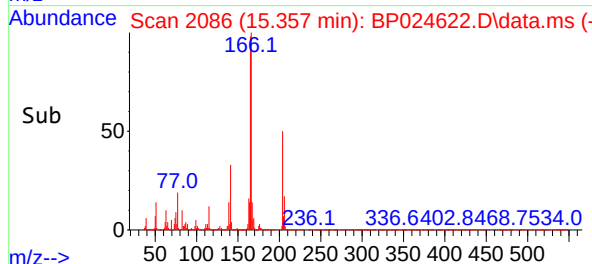
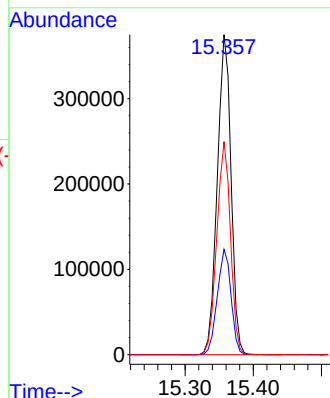
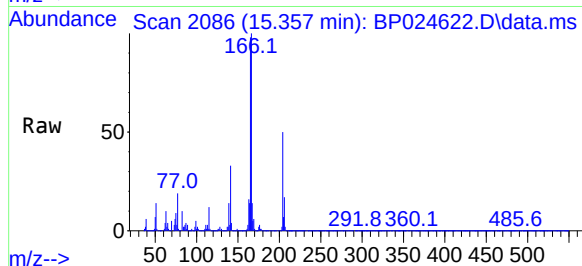
#61
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

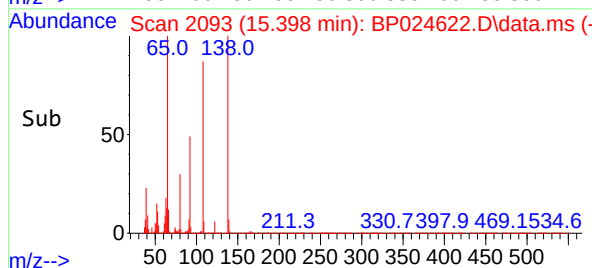
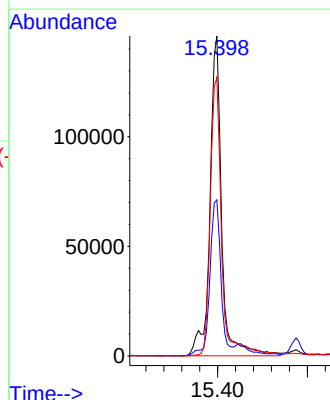
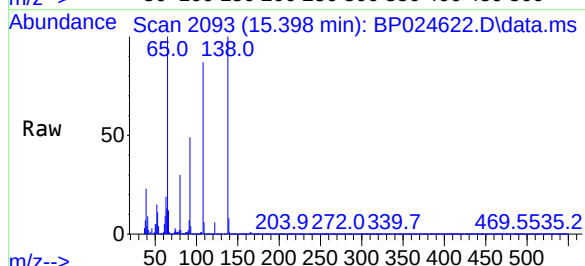
Manual Integrations
APPROVED

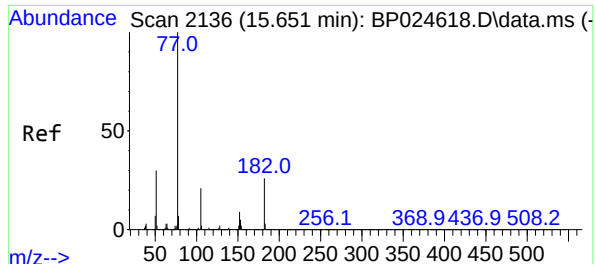
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

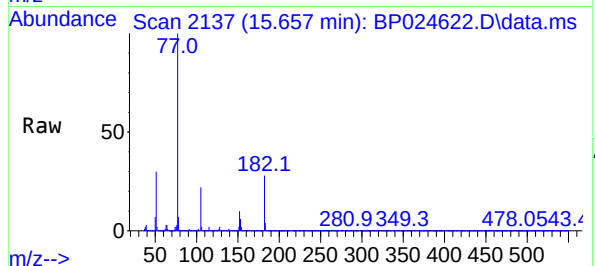
Tgt Ion:138 Resp: 265185
Ion Ratio Lower Upper
138 100
92 48.8 29.2 69.2
108 87.1 69.0 109.0





#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

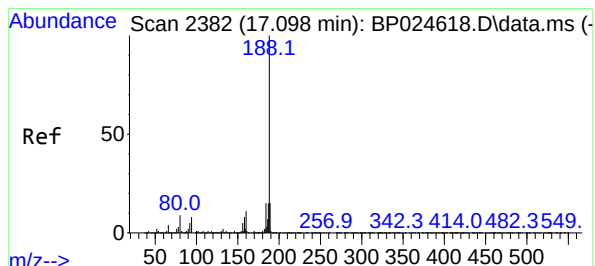
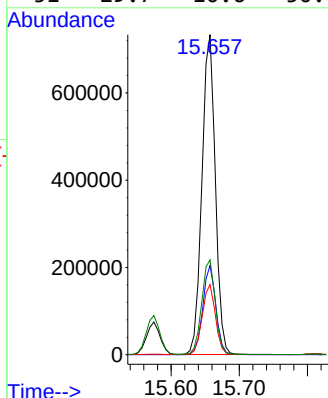
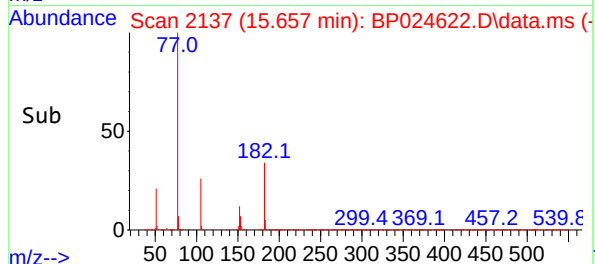
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

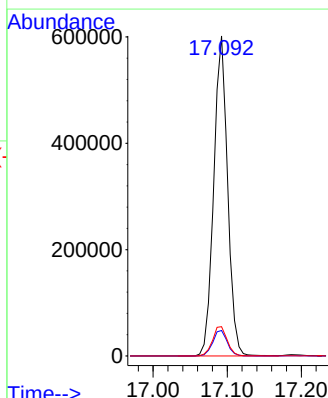
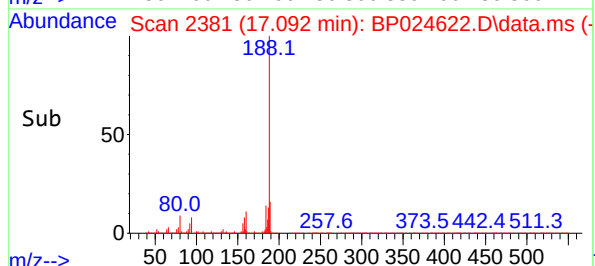
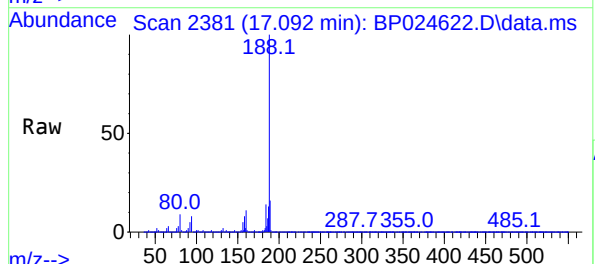
Manual Integrations
APPROVED

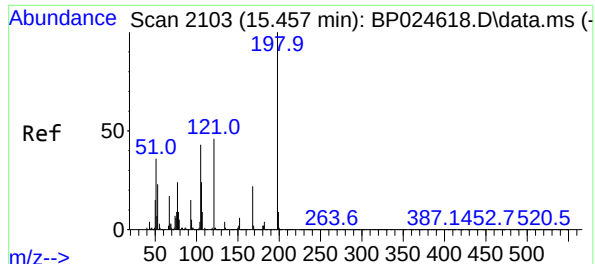
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

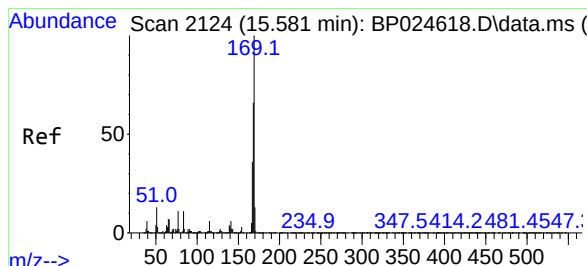
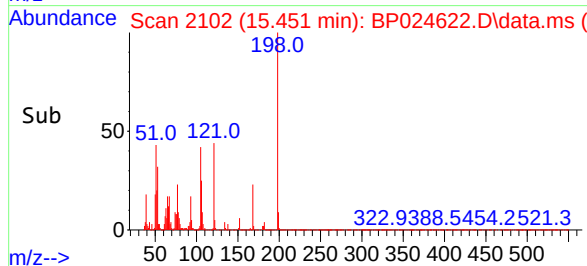
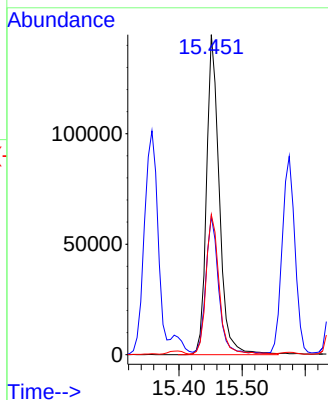
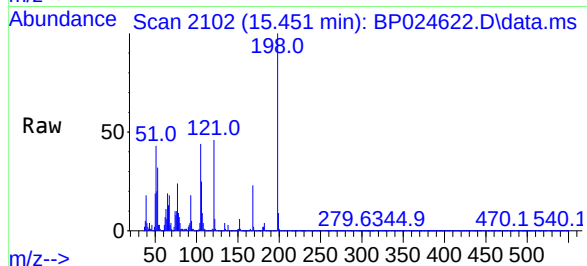
105 43.8 23.6 63.6

Manual Integrations

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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

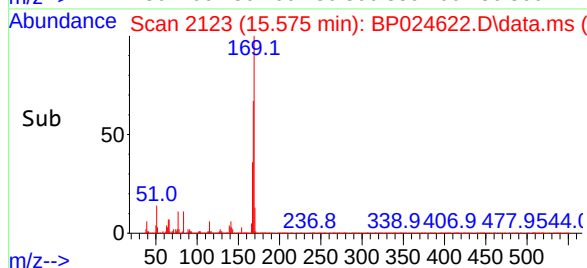
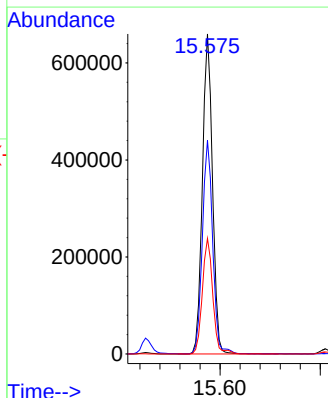
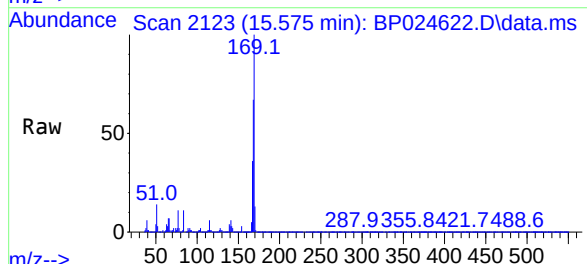
Tgt Ion:169 Resp: 920187

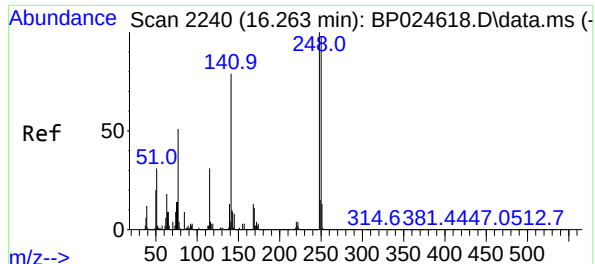
Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

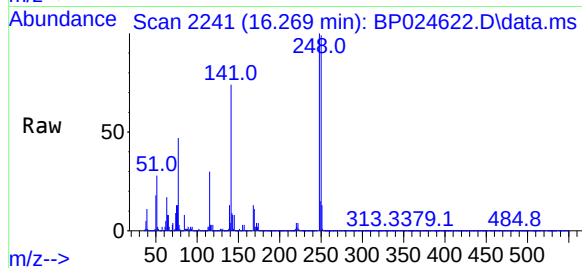
167 36.1 28.6 43.0





#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

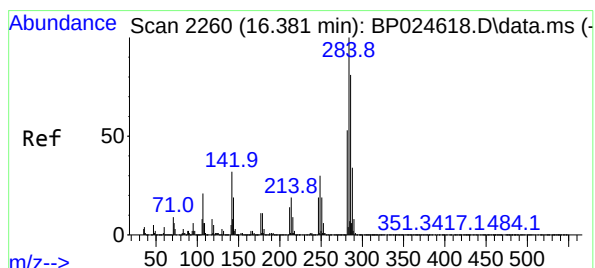
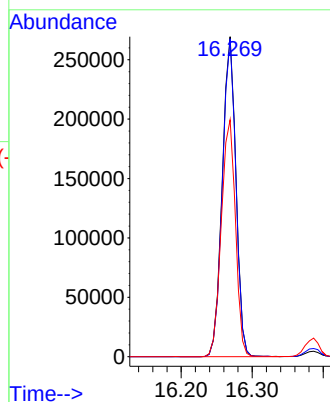
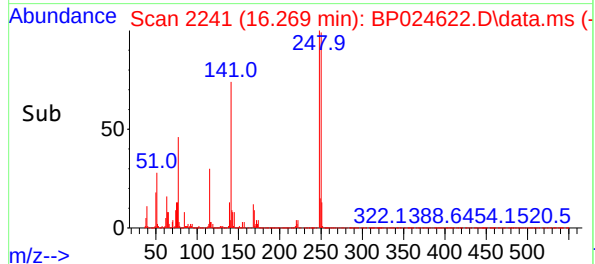
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



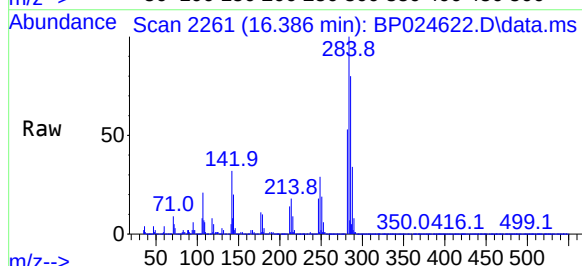
Tgt Ion:248 Resp: 357840
Ion Ratio Lower Upper
248 100
250 99.3 78.2 117.4
141 74.1 63.0 94.6

Manual Integrations
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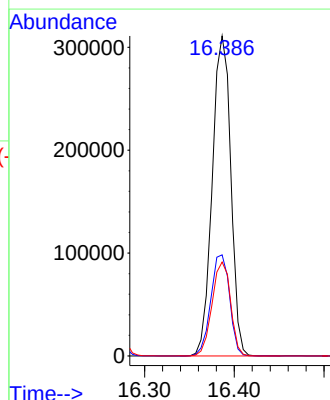
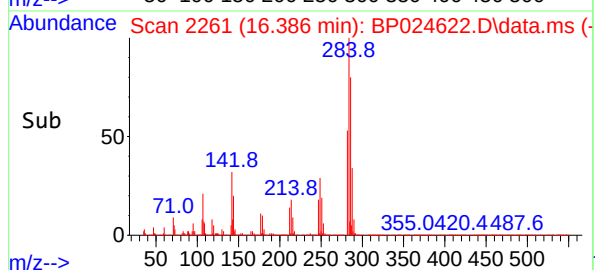
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

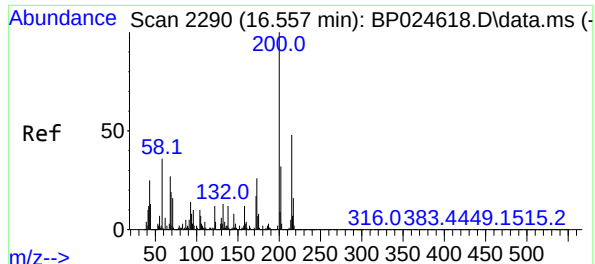


#68
Hexachlorobenzene
Concen: 38.18 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



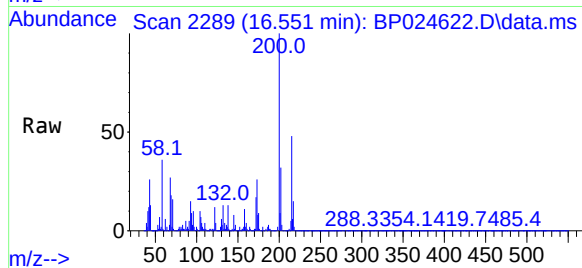
Tgt Ion:284 Resp: 446142
Ion Ratio Lower Upper
284 100
142 31.6 25.9 38.9
249 29.3 24.1 36.1





#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

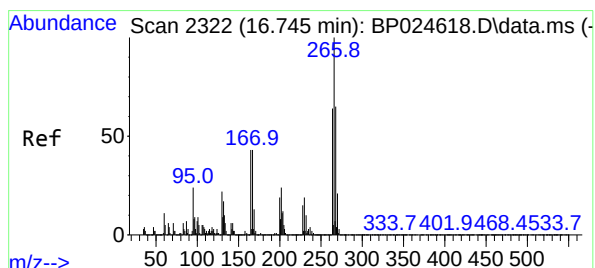
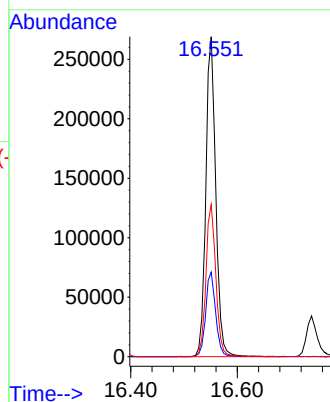
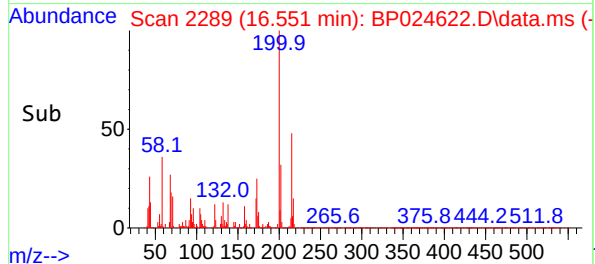
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

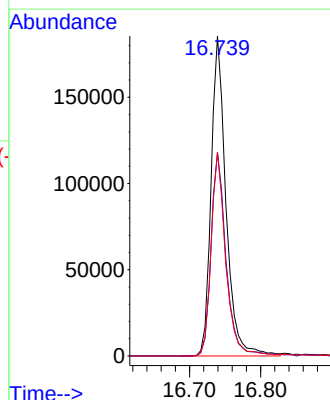
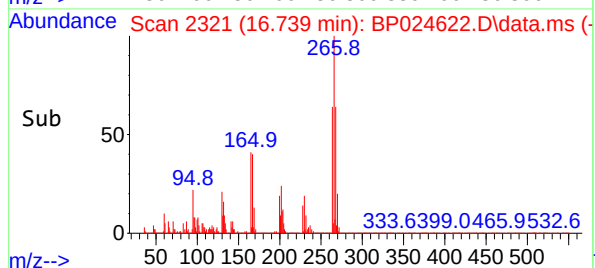
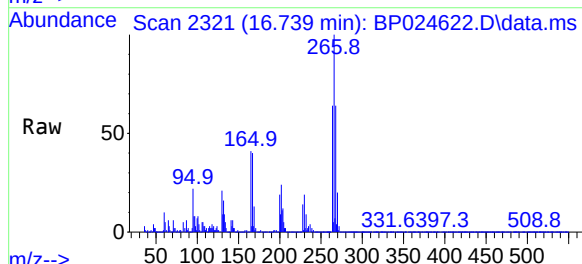
Manual Integrations
APPROVED

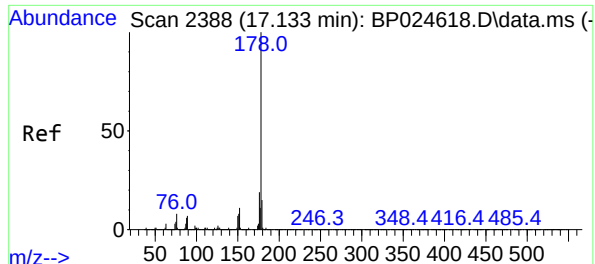
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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 :

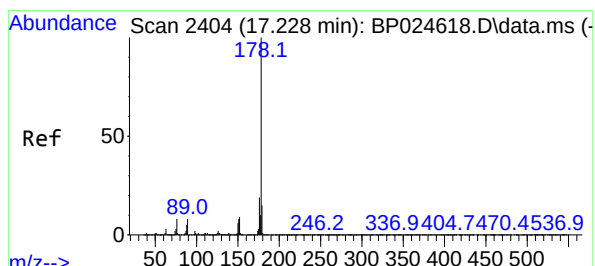
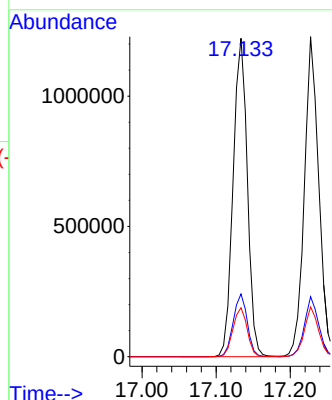
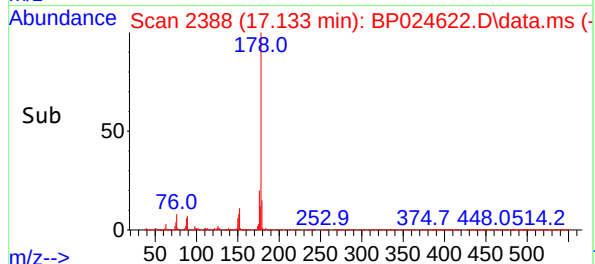
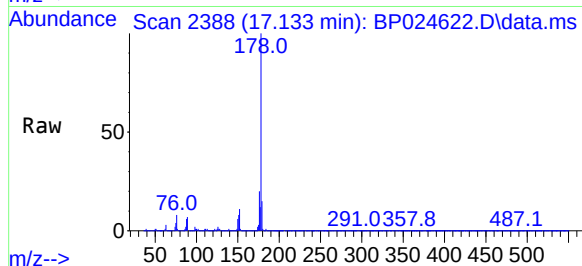
ICVBP051325

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

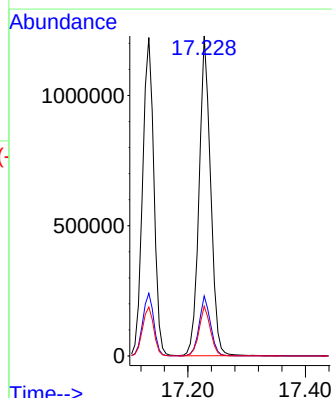
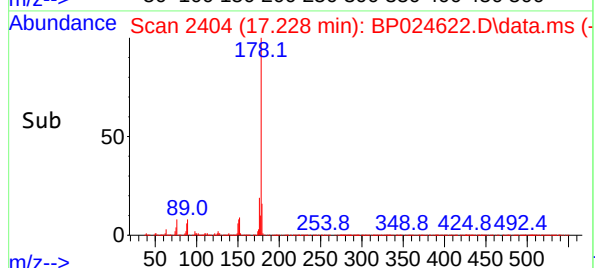
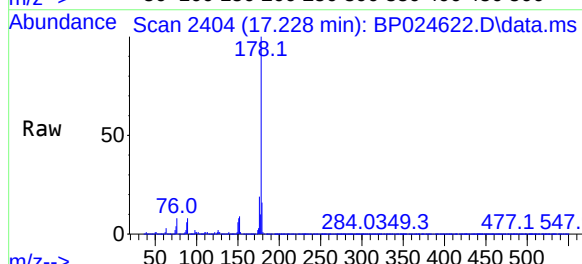
APPROVED

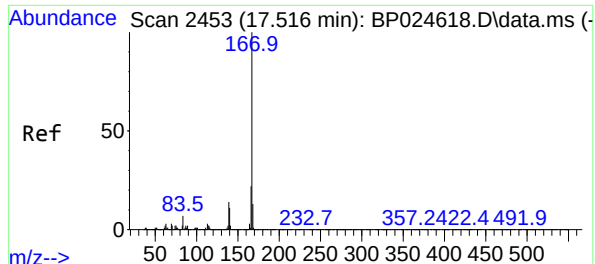
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

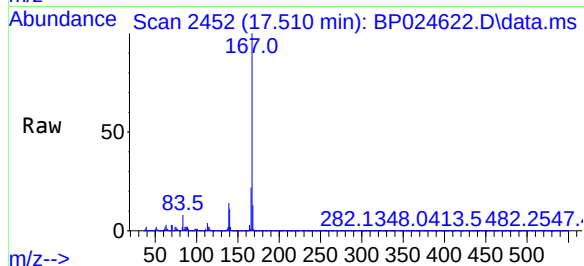
Tgt Ion:178 Resp: 1669395
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.2 18.2





#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

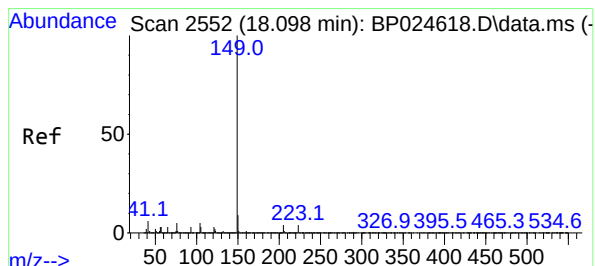
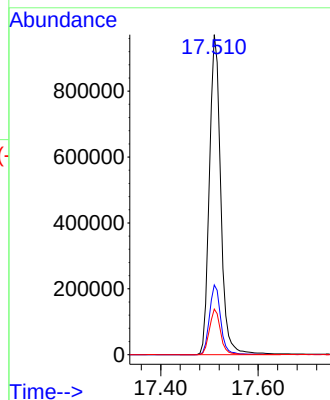
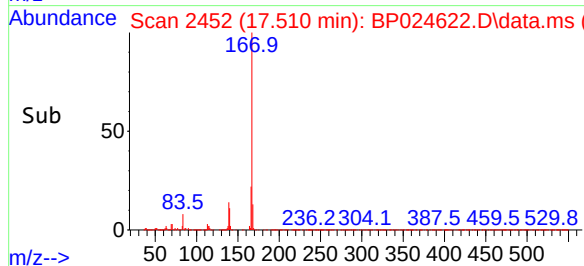
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

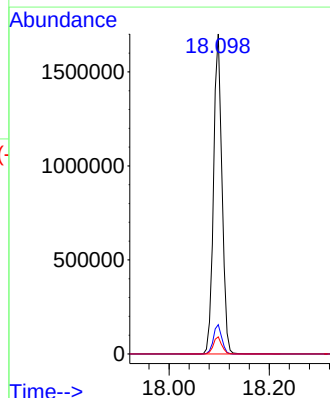
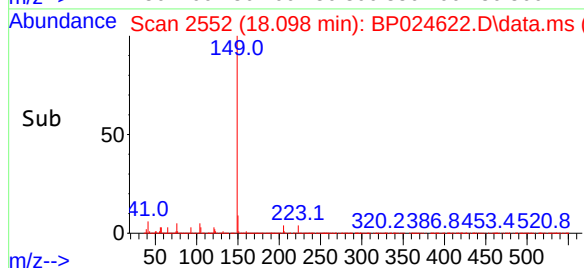
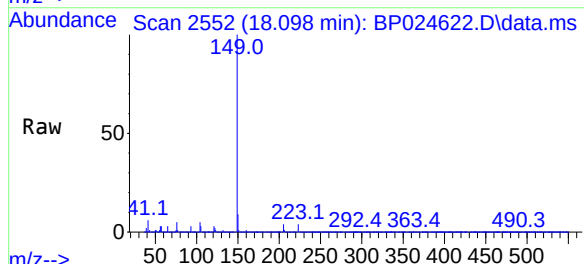
Manual Integrations
APPROVED

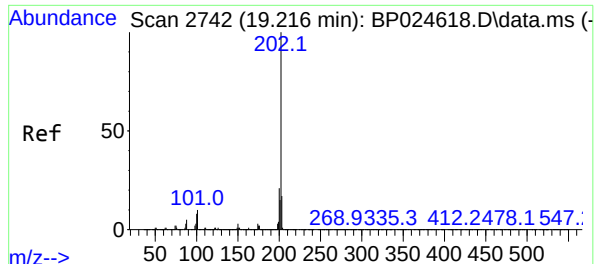
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

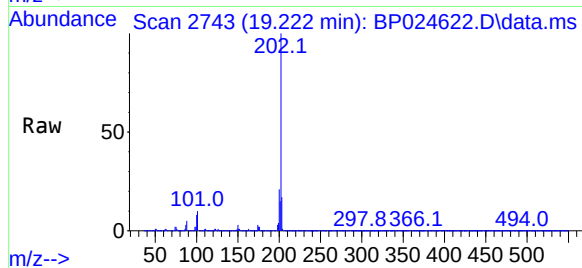
Tgt Ion:149 Resp: 1978741
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.4 4.3 6.5





#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

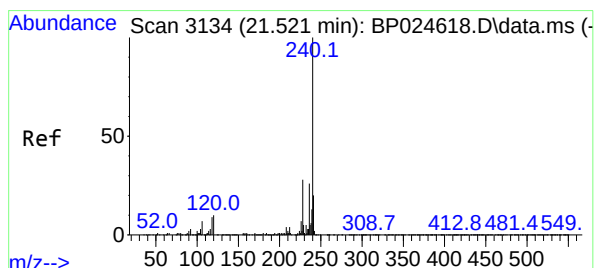
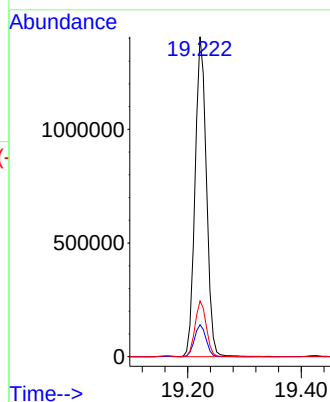
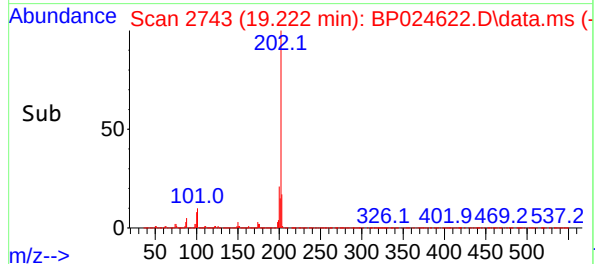
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

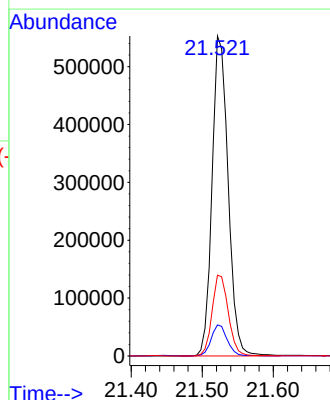
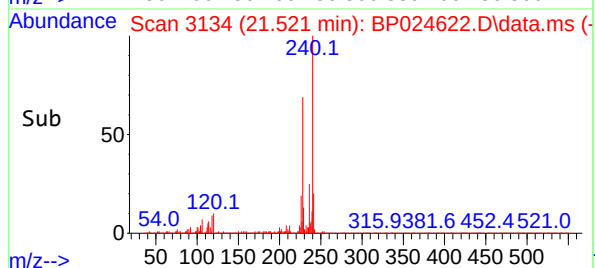
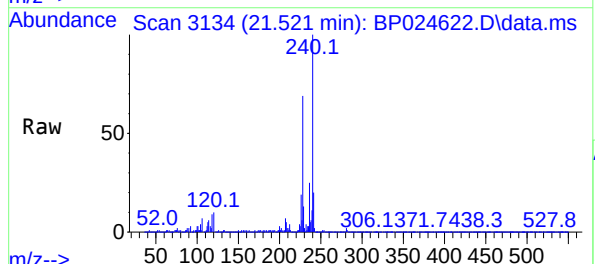
Manual Integrations
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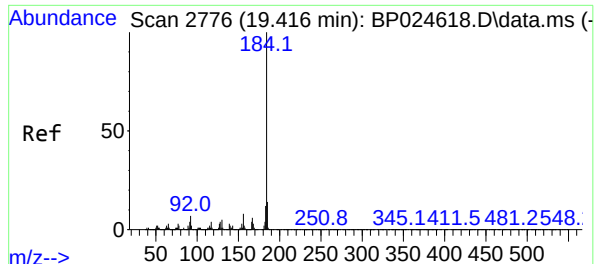
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





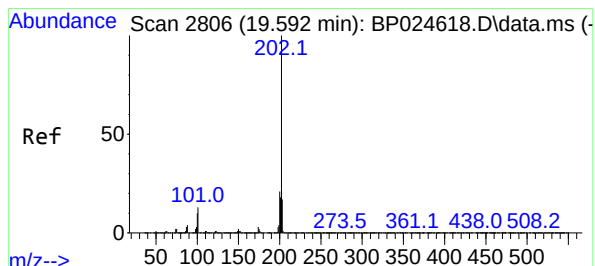
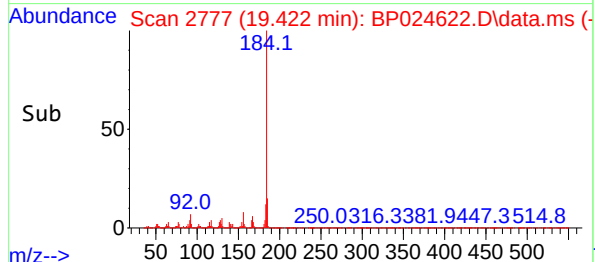
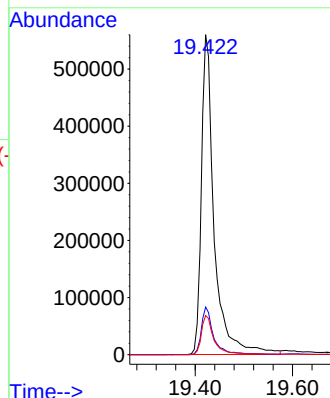
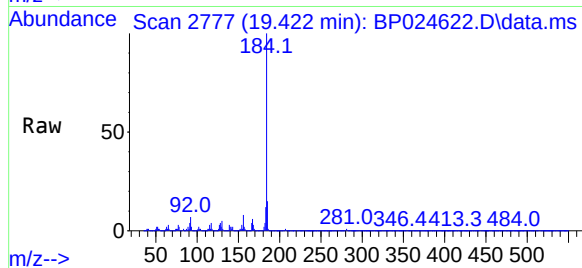
#77
Benzidine
Concen: 43.25 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

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

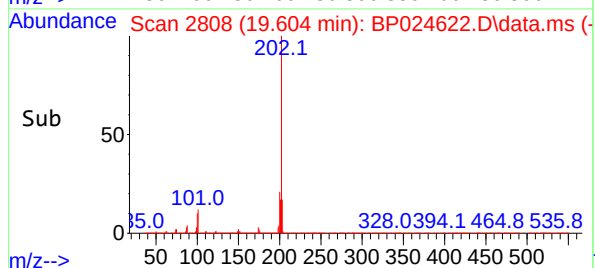
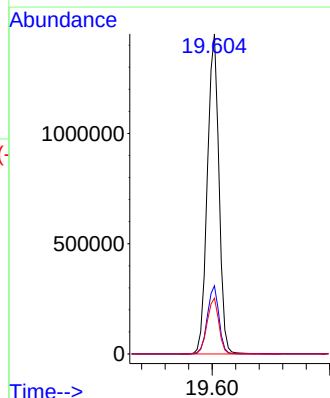
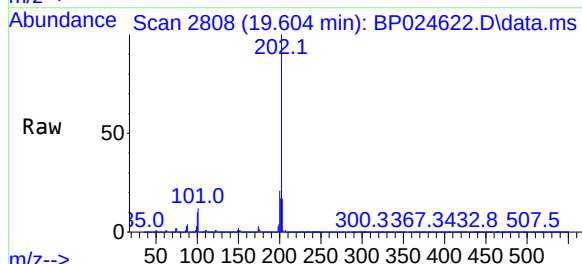
Manual Integrations
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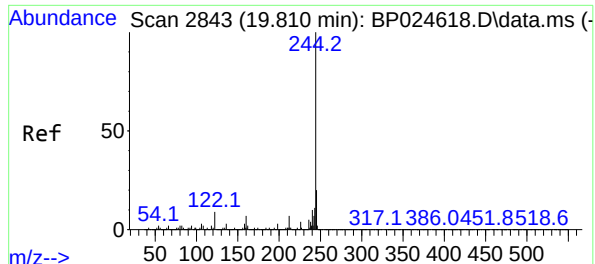
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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





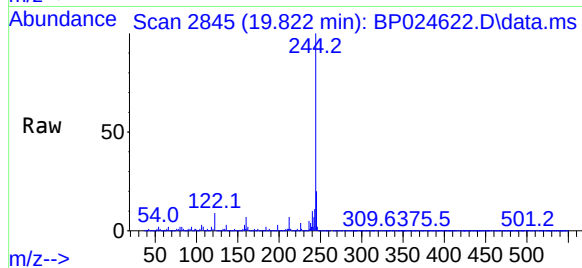
#79
Terphenyl-d14
Concen: 76.75 ng
RT: 19.822 min Scan# 2843
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

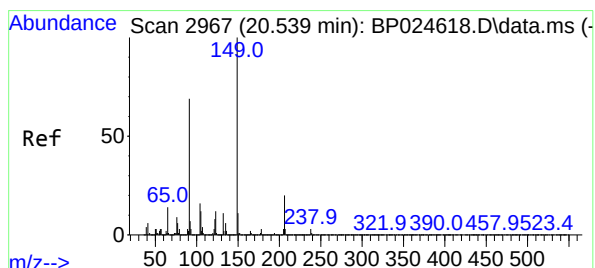
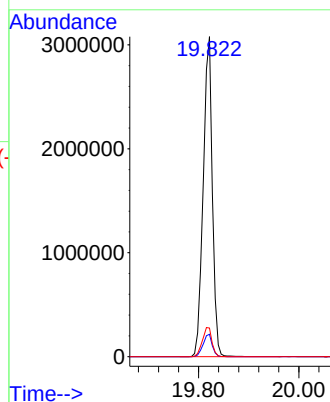
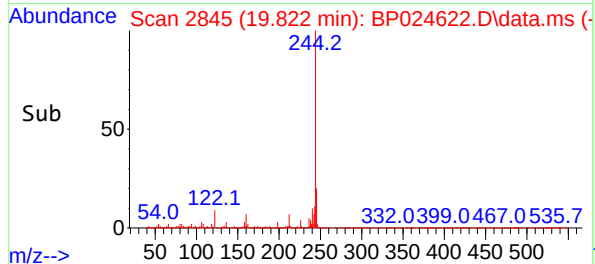


Tgt Ion:244 Resp: 388900
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.0 7.4 11.0

Manual Integrations

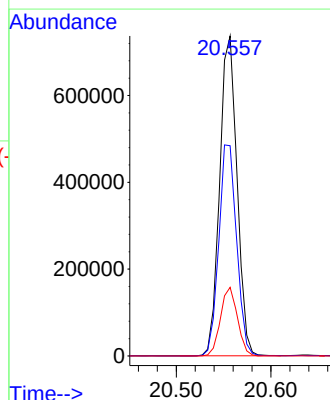
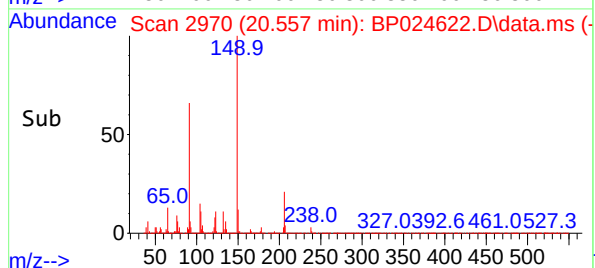
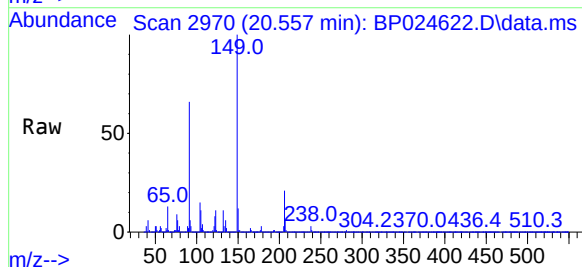
APPROVED

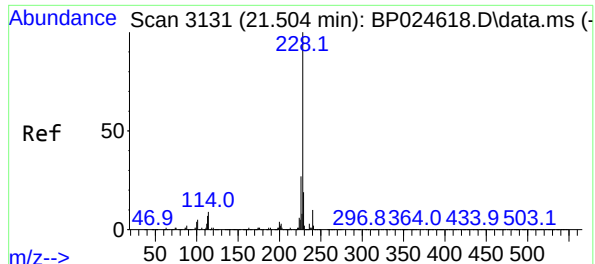
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

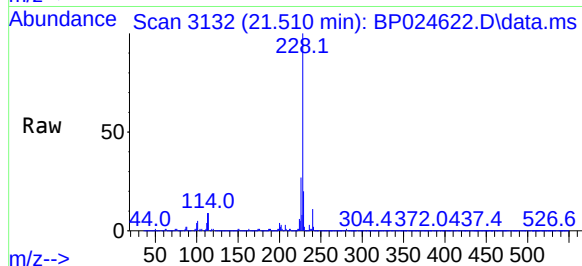
Tgt Ion:149 Resp: 938210
Ion Ratio Lower Upper
149 100
91 65.7 55.4 83.0
206 21.5 16.2 24.2





#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

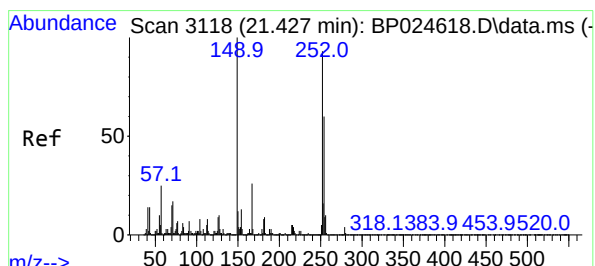
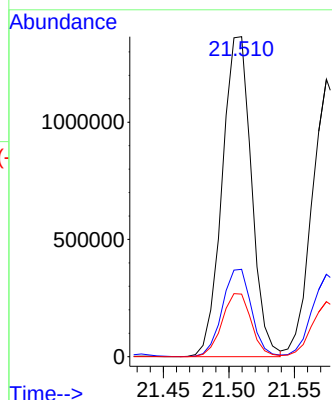
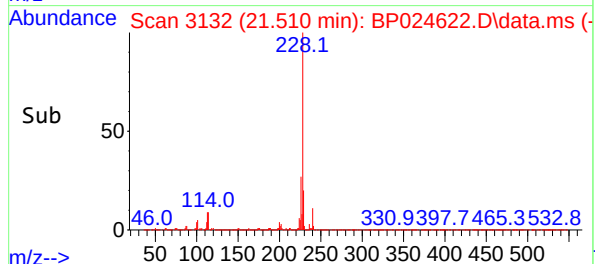
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

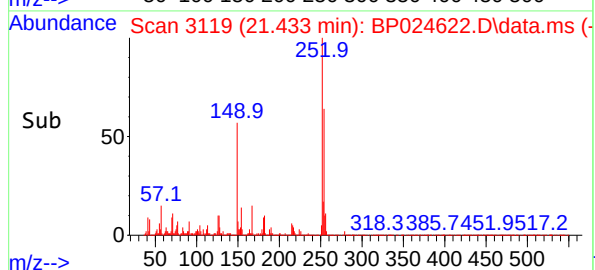
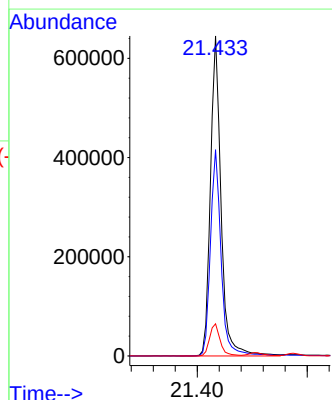
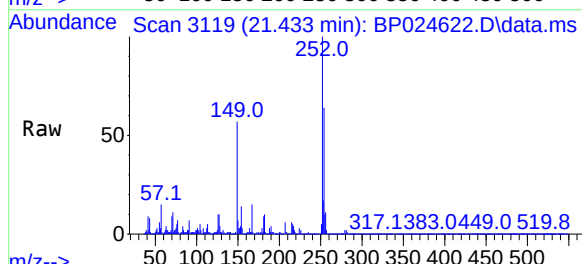
Manual Integrations
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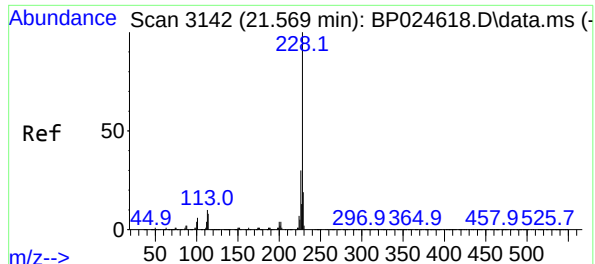
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

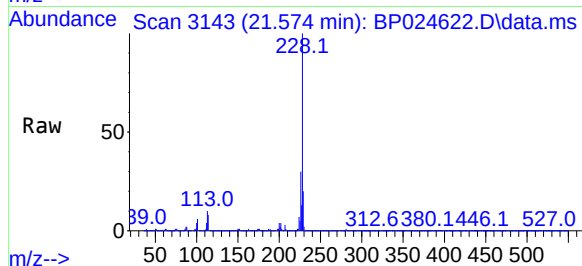
Tgt Ion:252 Resp: 861323
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 10.1 7.7 11.5





#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

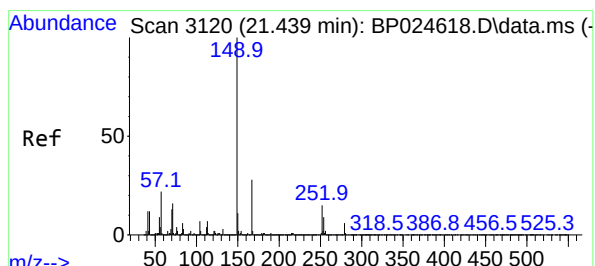
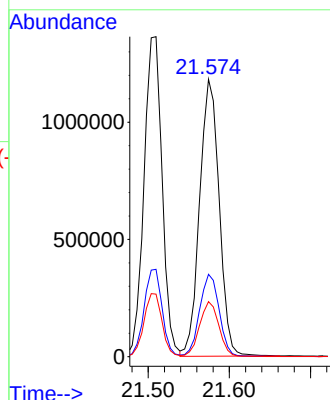
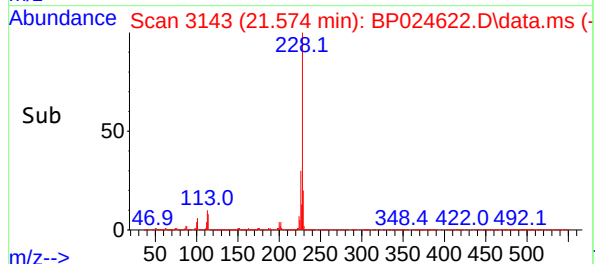
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

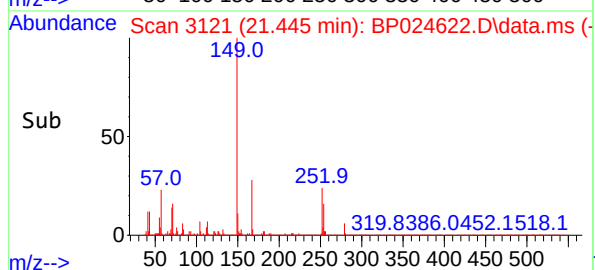
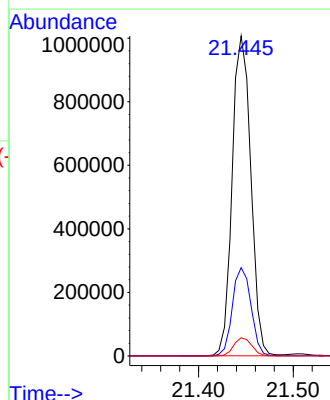
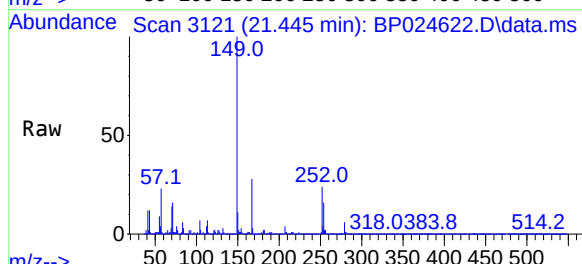
Manual Integrations
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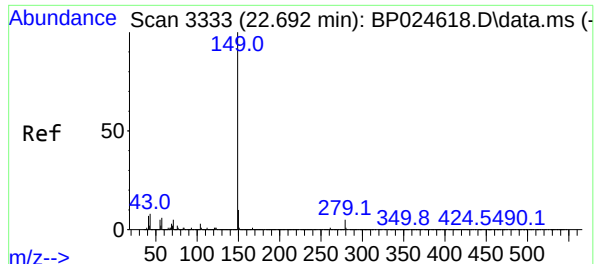
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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

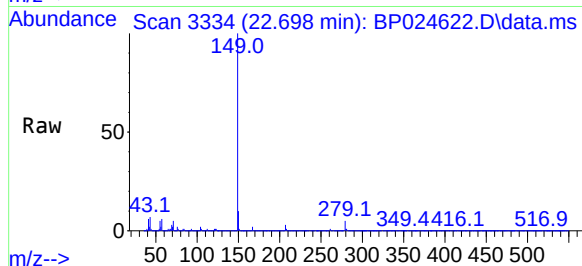
Tgt Ion:149 Resp: 1375919
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.7 4.6 6.8





#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

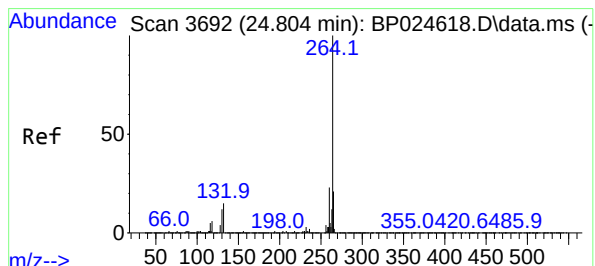
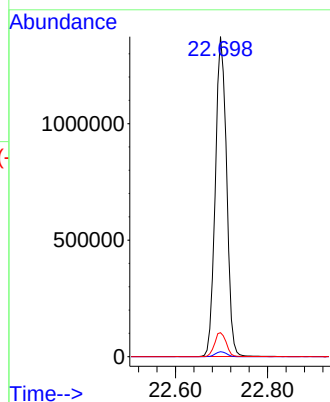
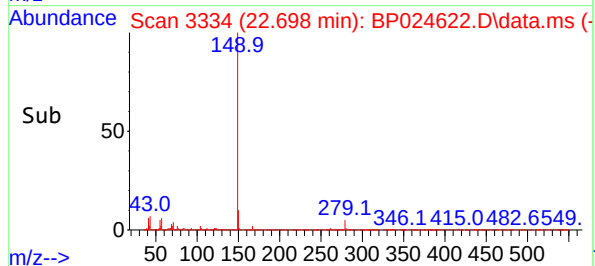
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

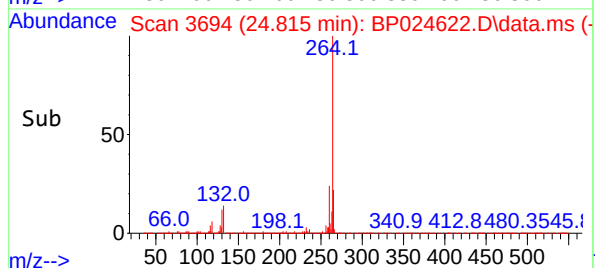
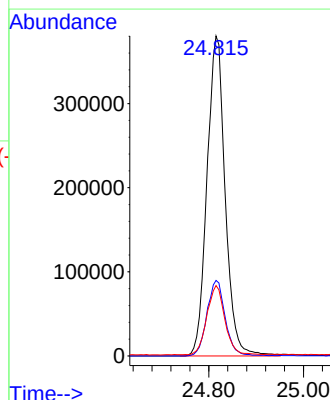
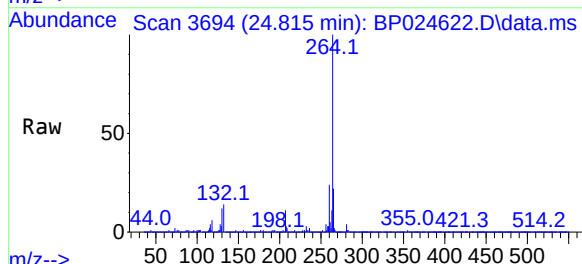
Manual Integrations
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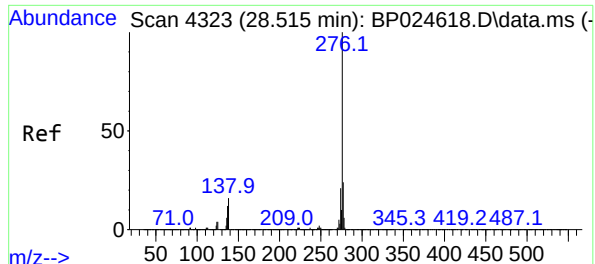
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.815 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

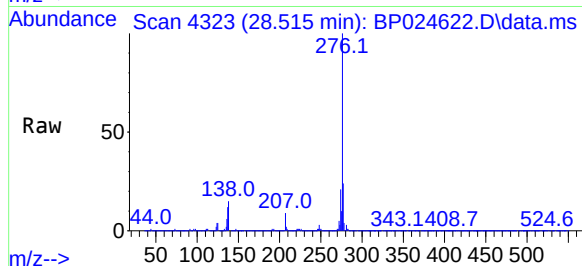
Tgt Ion:264 Resp: 1015341
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.0 17.0 25.6





#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

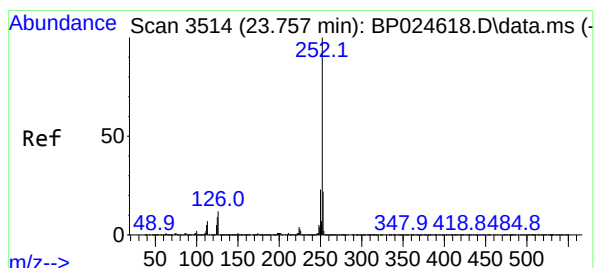
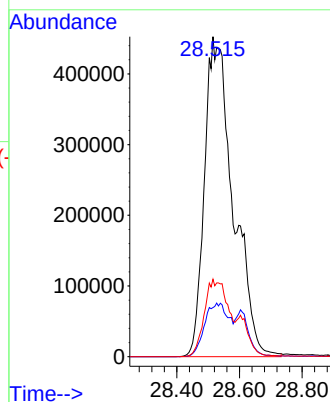
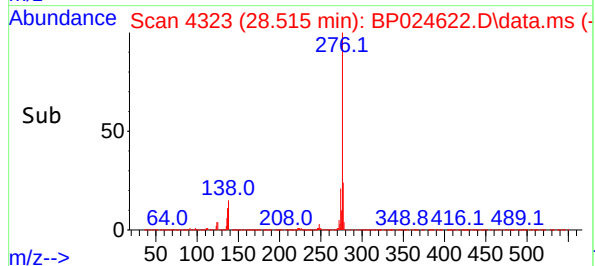
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



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

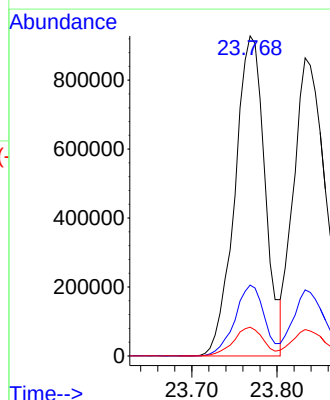
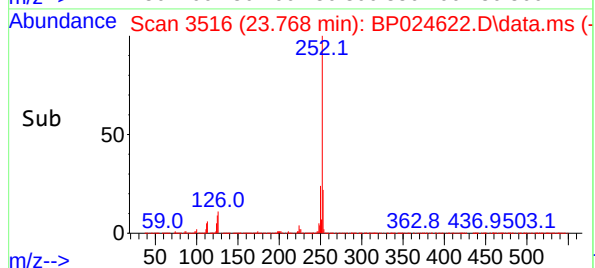
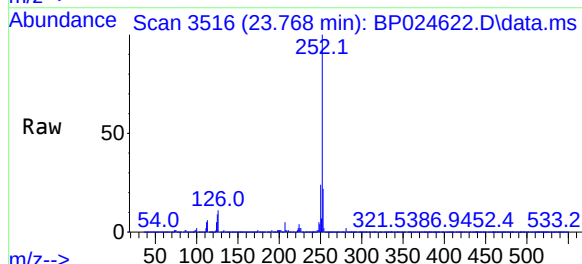
Manual Integrations
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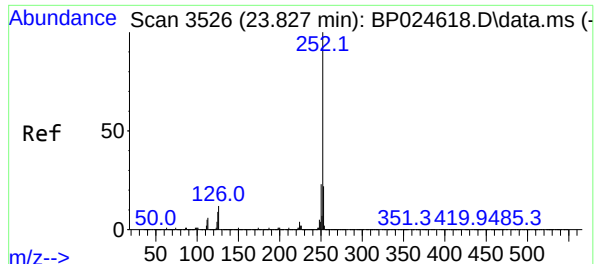
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#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# 3526

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

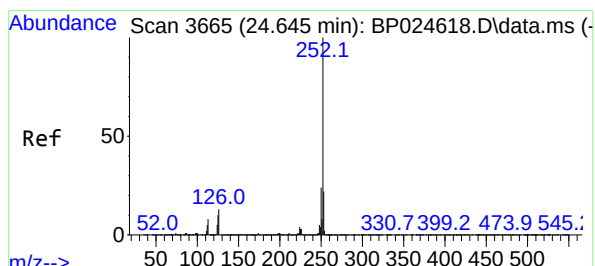
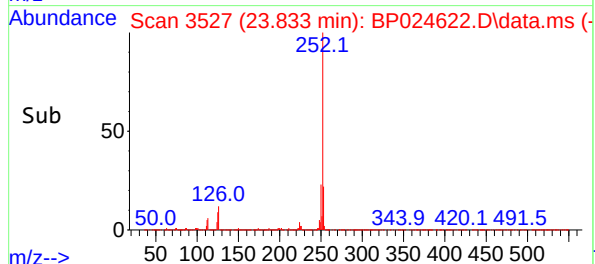
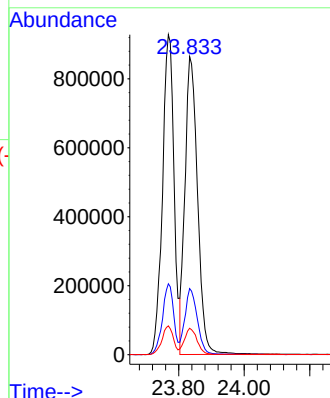
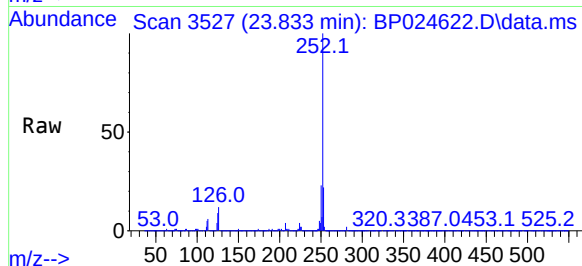
125 8.9 7.0 10.4

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

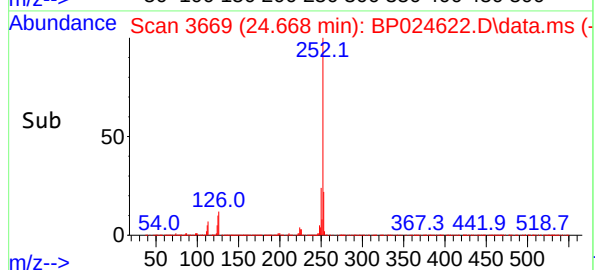
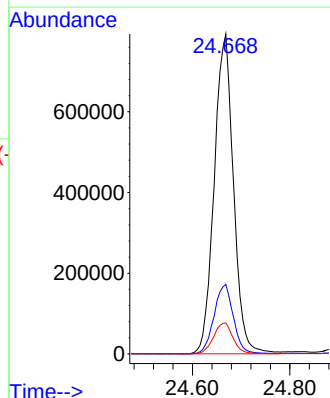
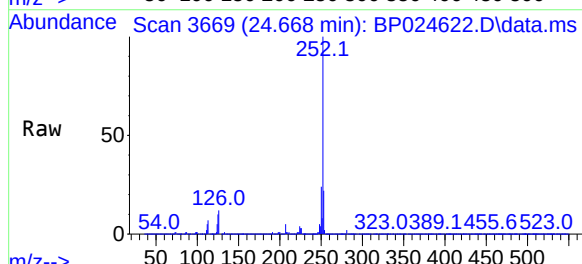
Tgt Ion:252 Resp: 2177020

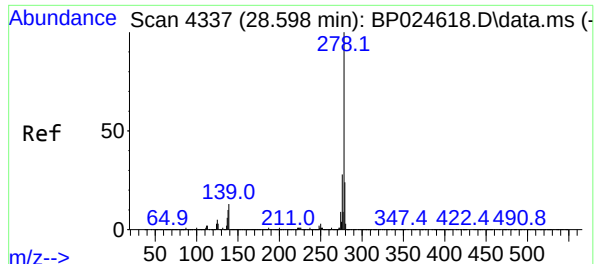
Ion Ratio Lower Upper

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

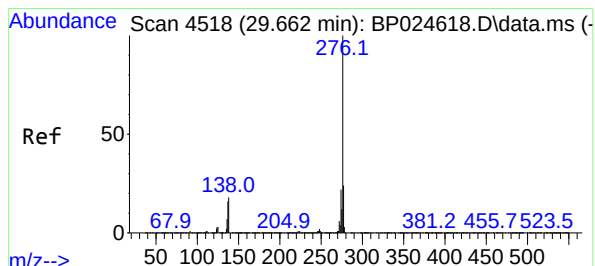
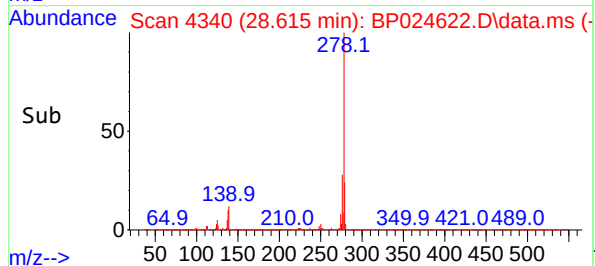
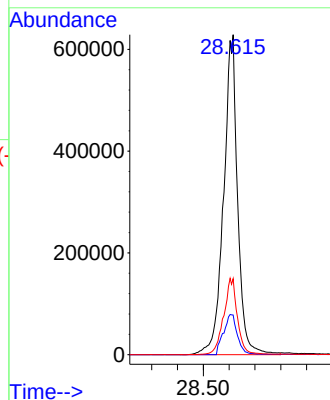
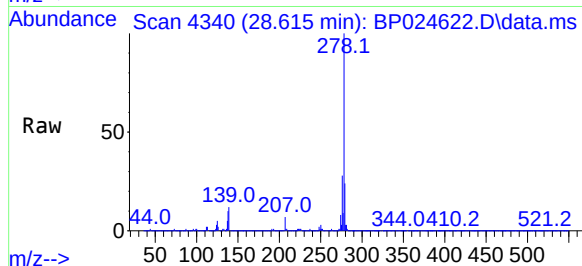
279 23.8 19.0 28.4

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

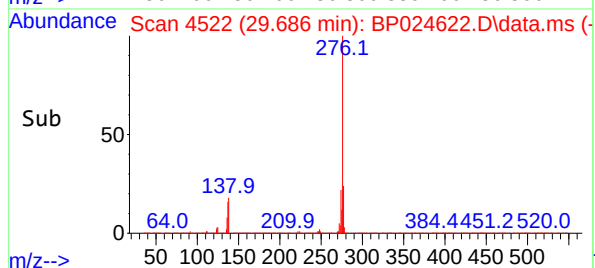
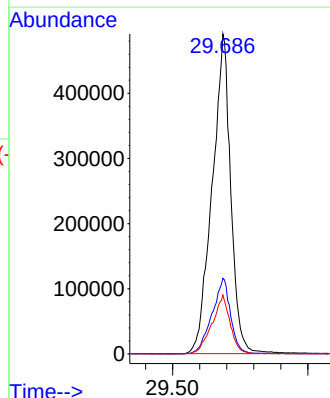
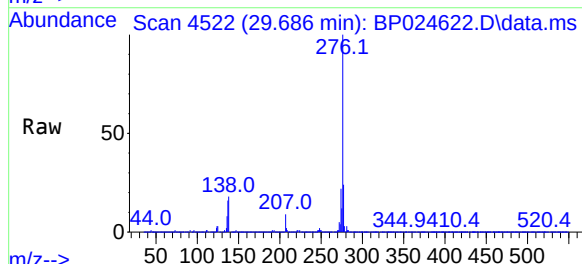
Tgt Ion:276 Resp: 2333151

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	Benzidine	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 :
 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)
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.: Q2033 SAS No.: Q2033 SDG No.: Q2033

Instrument ID: BNA_P Calibration Date/Time: 05/19/2025 12:48

Lab File ID: BP024686.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	1.150		-1.6	
Phenol-d6	1.492	1.492		0.0	
Phenol	1.540	1.515		-1.6	20.0
1,4-Dichlorobenzene	1.536	1.497		-2.5	20.0
Nitrobenzene-d5	0.396	0.371		-6.3	
1,2,4-Trichlorobenzene	0.329	0.317		-3.6	
Naphthalene	1.036	0.989		-4.5	
2-Fluorobiphenyl	1.527	1.471		-3.7	
2,4,6-Tribromophenol	0.339	0.350		3.2	
Terphenyl-d14	1.166	1.259		8.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024686.D
 Acq On : 19 May 2025 12:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 19 14:38:00 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	7.658	152	148955	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	651543	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	426043	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	875686	20.000	ng	0.00
76) Chrysene-d12	21.527	240	872281	20.000	ng	0.00
86) Perylene-d12	24.810	264	779874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	685452	78.707	ng	0.00
7) Phenol-d6	6.863	99	889072	79.989	ng	0.01
23) Nitrobenzene-d5	8.805	82	966184	74.927	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	596739	82.620	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	2507287	77.102	ng	0.00
79) Terphenyl-d14	19.816	244	4391709	86.330	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	145677	35.623	ng	98
3) Pyridine	3.617	79	350313	38.632	ng	96
4) n-Nitrosodimethylamine	3.534	42	148599	37.120	ng	99
6) Aniline	6.999	93	555852	38.734	ng	99
8) 2-Chlorophenol	7.240	128	396752	40.131	ng	98
9) Benzaldehyde	6.811	77	276033	38.364	ng	99
10) Phenol	6.887	94	451200	39.330	ng	98
11) bis(2-Chloroethyl)ether	7.093	93	353209	37.469	ng	97
12) 1,3-Dichlorobenzene	7.546	146	435566	38.293	ng	99
13) 1,4-Dichlorobenzene	7.687	146	445903	38.977	ng	99
14) 1,2-Dichlorobenzene	8.005	146	427894	38.385	ng	100
15) Benzyl Alcohol	7.905	79	339203	40.159	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	421083	37.300	ng	98
17) 2-Methylphenol	8.116	107	329222	40.012	ng	98
18) Hexachloroethane	8.722	117	162073	36.970	ng	97
19) n-Nitroso-di-n-propyla...	8.457	70	296114	38.513	ng	99
20) 3+4-Methylphenols	8.446	107	446406	39.884	ng	99
22) Acetophenone	8.475	105	618238	37.987	ng	# 98
24) Nitrobenzene	8.846	77	425179	37.468	ng	96
25) Isophorone	9.369	82	842538	37.667	ng	99
26) 2-Nitrophenol	9.552	139	235757	42.398	ng	99
27) 2,4-Dimethylphenol	9.628	122	395068	40.297	ng	99
28) bis(2-Chloroethoxy)met...	9.846	93	497670	37.241	ng	99
29) 2,4-Dichlorophenol	10.104	162	383741	40.391	ng	97
30) 1,2,4-Trichlorobenzene	10.293	180	412457	38.526	ng	97
31) Naphthalene	10.475	128	1289180	38.183	ng	100
32) Benzoic acid	9.799	122	238678	36.998	ng	94
33) 4-Chloroaniline	10.599	127	554976	40.734	ng	99
34) Hexachlorobutadiene	10.757	225	264931	38.199	ng	97
35) Caprolactam	11.399	113	141941	41.294	ng	96
36) 4-Chloro-3-methylphenol	11.751	107	458991	39.617	ng	99
37) 2-Methylnaphthalene	12.087	142	844620	38.634	ng	98
38) 1-Methylnaphthalene	12.310	142	897341	38.361	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	483050	39.044	ng	100
41) Hexachlorocyclopentadiene	12.446	237	446152	59.472	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	331738	41.398	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024686.D
 Acq On : 19 May 2025 12:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 19 14:38:00 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

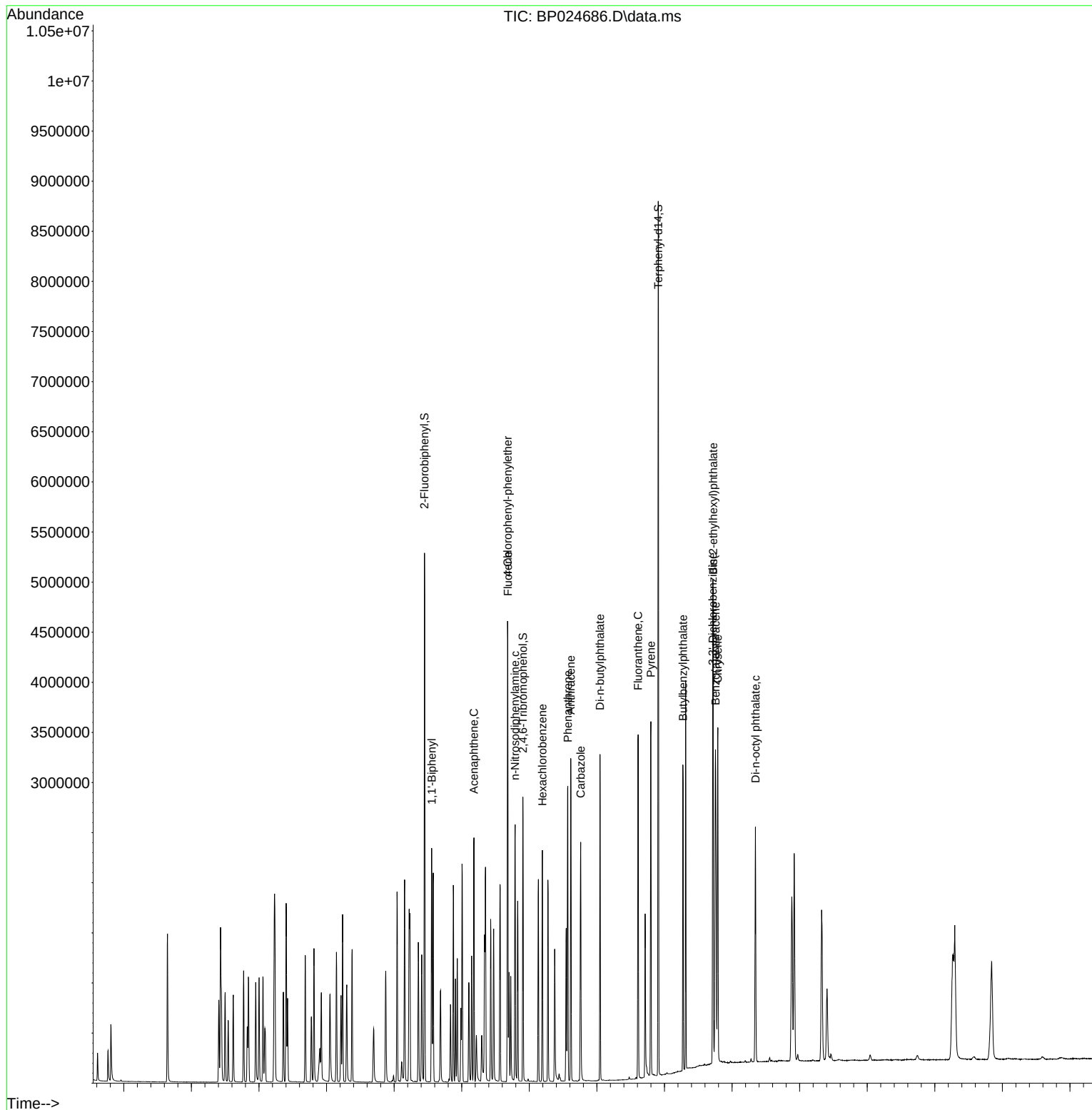
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	358296	40.168	ng	97
46) 1,1'-Biphenyl	13.110	154	1212140	38.494	ng	99
47) 2-Chloronaphthalene	13.157	162	936591	39.009	ng	100
48) 2-Nitroaniline	13.369	65	281236	39.564	ng	96
49) Acenaphthylene	14.010	152	1546043	38.478	ng	99
50) Dimethylphthalate	13.751	163	1219478	37.553	ng	100
51) 2,6-Dinitrotoluene	13.869	165	267422	38.993	ng	100
52) Acenaphthene	14.363	154	880942	38.138	ng	99
53) 3-Nitroaniline	14.210	138	284551	40.635	ng	99
54) 2,4-Dinitrophenol	14.434	184	147319	37.740	ng	96
55) Dibenzofuran	14.704	168	1412131	38.328	ng	98
56) 4-Nitrophenol	14.592	139	186704	33.400	ng	98
57) 2,4-Dinitrotoluene	14.675	165	396402	40.998	ng	95
58) Fluorene	15.363	166	1192750	39.702	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	330705	39.967	ng	97
60) Diethylphthalate	15.134	149	1273676	38.807	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	589348	39.337	ng	98
62) 4-Nitroaniline	15.398	138	291885	43.168	ng	99
63) Azobenzene	15.657	77	1043623	37.169	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	231347	40.900	ng	99
66) n-Nitrosodiphenylamine	15.581	169	1025110	38.112	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	404396	39.191	ng	98
68) Hexachlorobenzene	16.386	284	516422	39.386	ng	96
69) Atrazine	16.551	200	390518	39.617	ng	99
70) Pentachlorophenol	16.751	266	287810	39.104	ng	98
71) Phenanthrene	17.139	178	1834222	37.679	ng	100
72) Anthracene	17.228	178	1898802	38.768	ng	100
73) Carbazole	17.522	167	1742661	39.311	ng	99
74) Di-n-butylphthalate	18.092	149	2200144	38.591	ng	99
75) Fluoranthene	19.222	202	2164114	38.031	ng	99
77) Benzidine	19.427	184	1039374	43.749	ng	100
78) Pyrene	19.598	202	2200729	42.107	ng	100
80) Butylbenzylphthalate	20.545	149	994991	42.806	ng	97
81) Benzo(a)anthracene	21.510	228	2152203	39.294	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	793072	38.984	ng	100
83) Chrysene	21.580	228	2005387	38.624	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1380988	40.421	ng	100
85) Di-n-octyl phthalate	22.692	149	2024055	36.228	ng	99
87) Indeno(1,2,3-cd)pyrene	28.527	276	2231204	39.188	ng	# 92
88) Benzo(b)fluoranthene	23.768	252	1819580	40.762	ng	99
89) Benzo(k)fluoranthene	23.839	252	1877708	40.822	ng	100
90) Benzo(a)pyrene	24.651	252	1703325	39.731	ng	99
91) Dibenzo(a,h)anthracene	28.592	278	1814035	39.164	ng	99
92) Benzo(g,h,i)perylene	29.680	276	1801944	39.120	ng	99

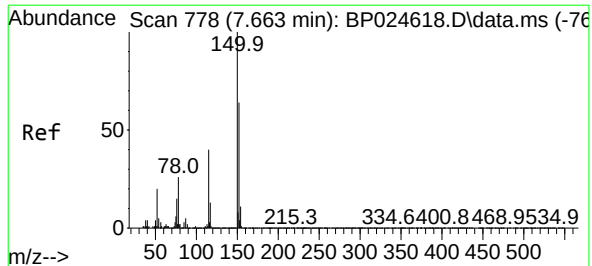
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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

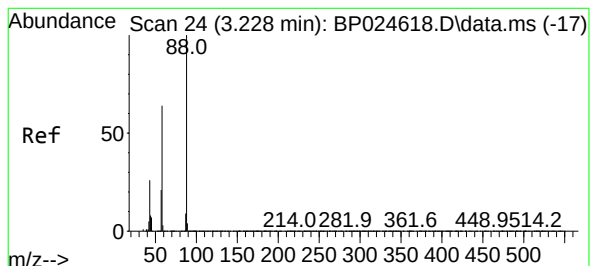
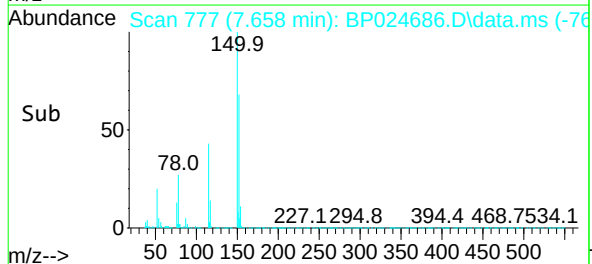
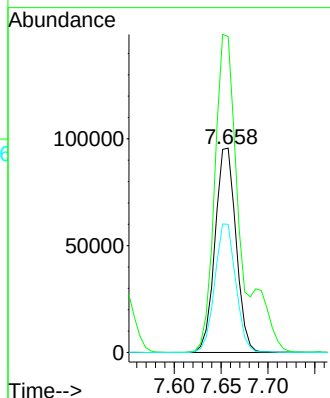
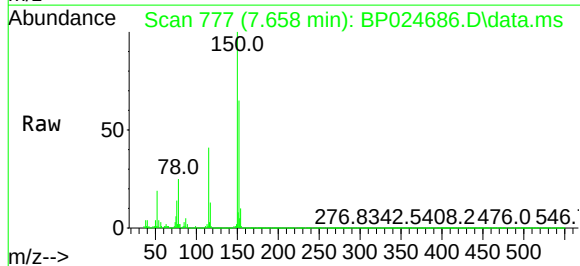




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 77
Delta R.T. -0.005 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

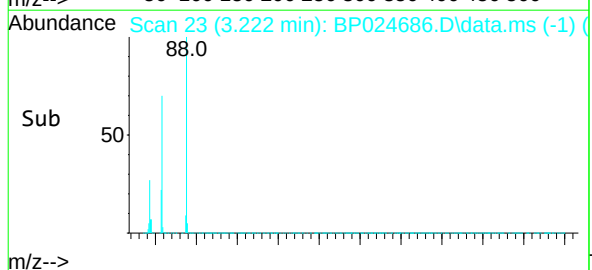
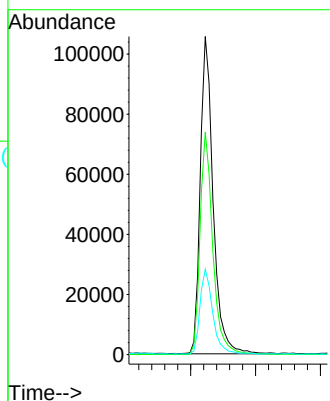
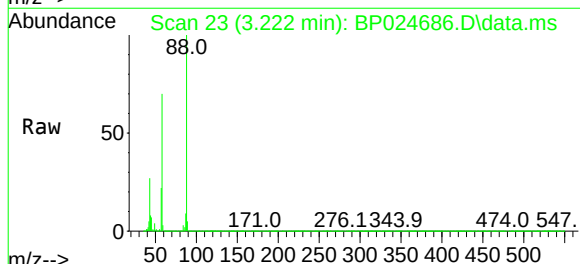
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

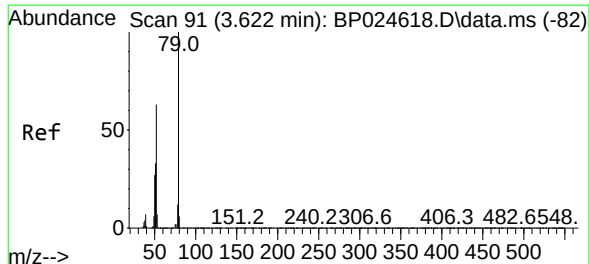
Tgt Ion: 152 Resp: 148955
Ion Ratio Lower Upper
152 100
150 154.6 125.9 188.9
115 62.7 50.1 75.1



#2
1,4-Dioxane
Concen: 35.623 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 88 Resp: 145677
Ion Ratio Lower Upper
88 100
58 69.3 54.0 81.0
43 26.2 21.4 32.0





#3

Pyridine

Concen: 38.632 ng

RT: 3.617 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

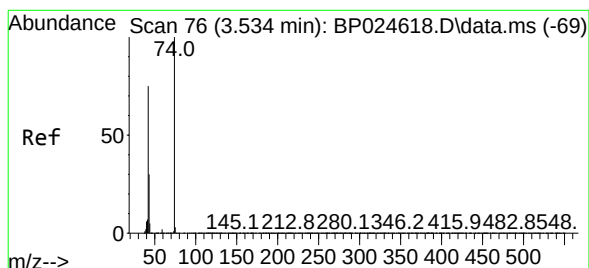
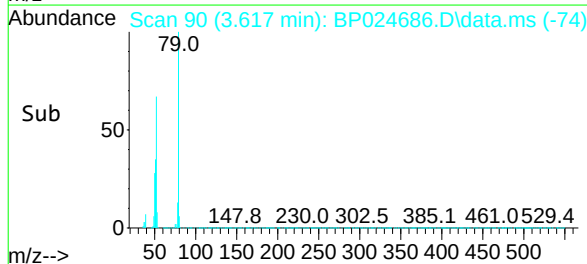
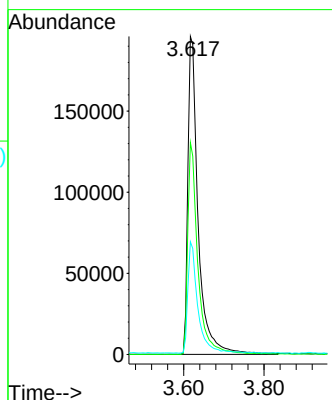
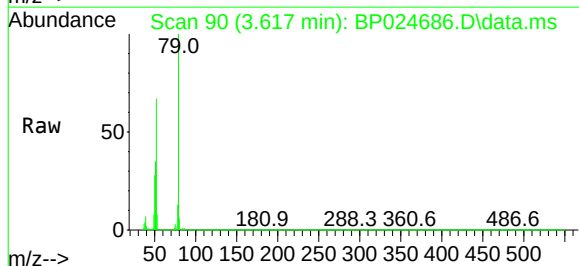
BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 350313

Ion	Ratio	Lower	Upper
79	100		
52	66.6	50.2	75.2
51	35.4	26.8	40.2



#4

n-Nitrosodimethylamine

Concen: 37.120 ng

RT: 3.534 min Scan# 76

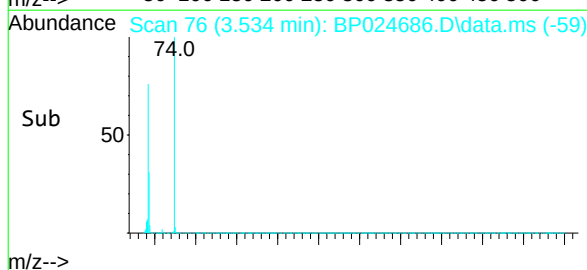
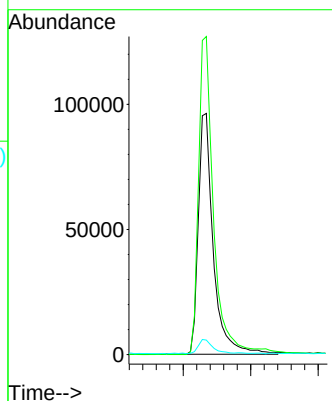
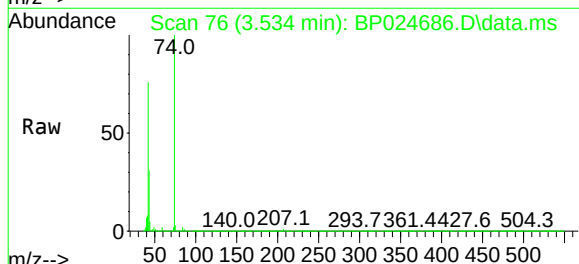
Delta R.T. 0.000 min

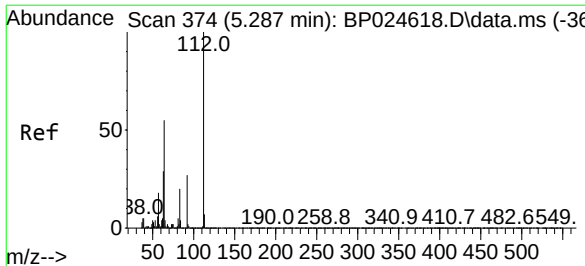
Lab File: BP024686.D

Acq: 19 May 2025 12:48

Tgt Ion: 42 Resp: 148599

Ion	Ratio	Lower	Upper
42	100		
74	131.9	106.2	159.2
44	6.0	5.4	8.2

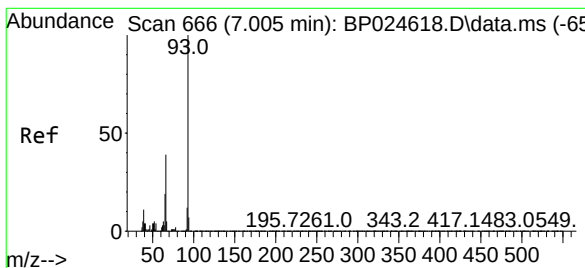
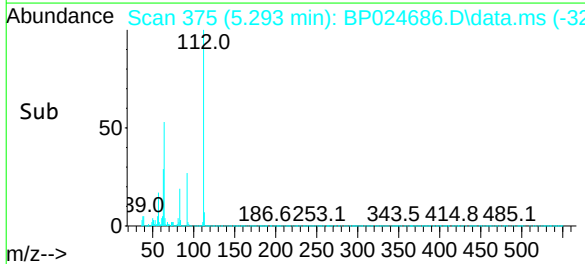
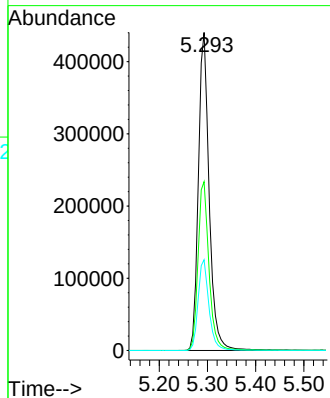
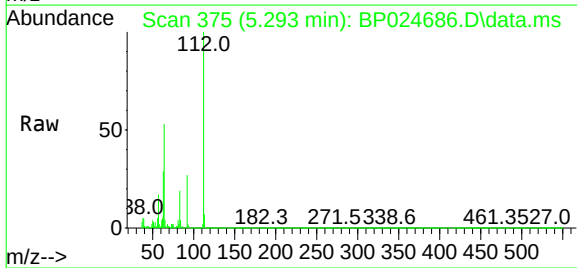




#5
2-Fluorophenol
Concen: 78.707 ng
RT: 5.293 min Scan# 37
Delta R.T. 0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

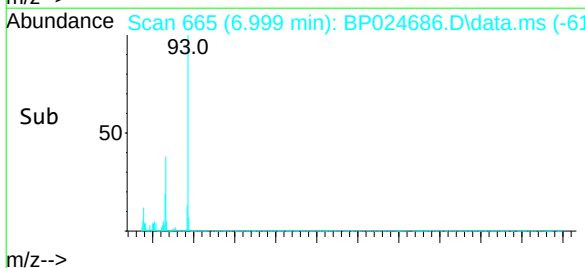
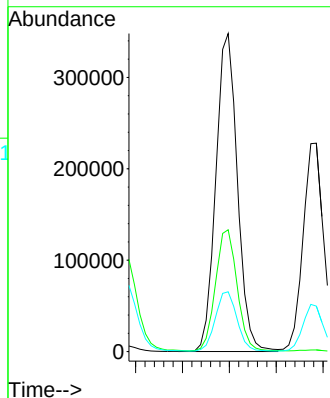
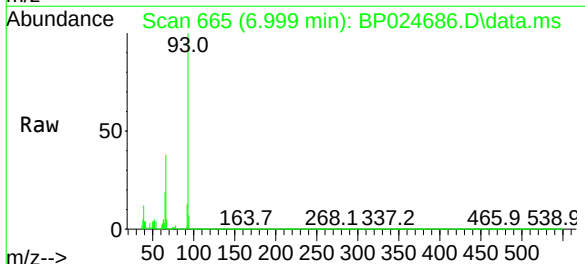
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

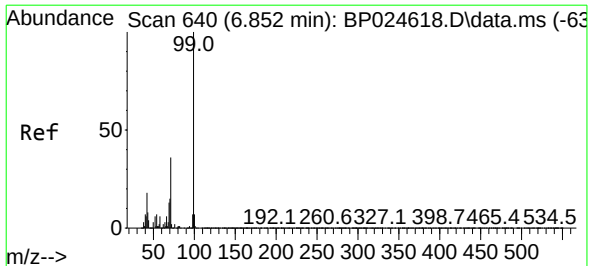
Tgt Ion: 112 Resp: 685452
Ion Ratio Lower Upper
112 100
64 53.1 44.1 66.1
63 28.5 23.5 35.3



#6
Aniline
Concen: 38.734 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 93 Resp: 555852
Ion Ratio Lower Upper
93 100
66 38.3 31.0 46.6
65 18.8 15.5 23.3





#7

Phenol-d6

Concen: 79.989 ng

RT: 6.863 min Scan# 64

Delta R.T. 0.012 min

Lab File: BP024686.D

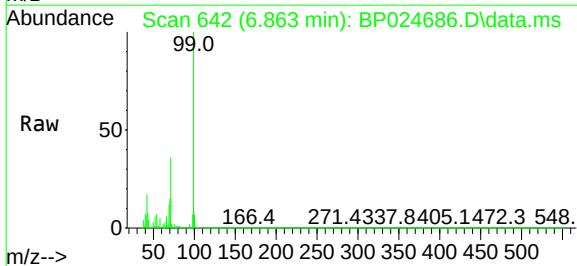
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



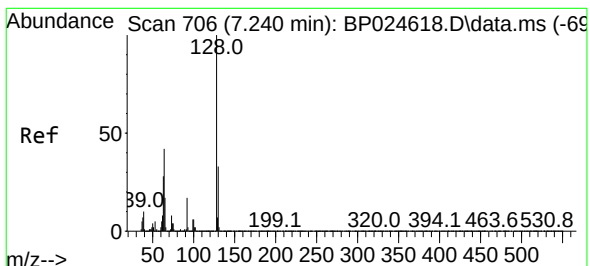
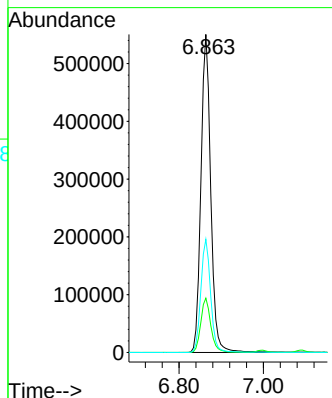
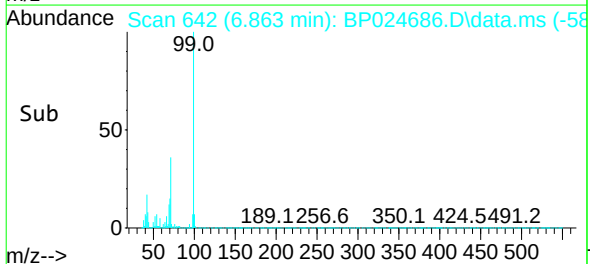
Tgt Ion: 99 Resp: 889072

Ion Ratio Lower Upper

99 100

42 17.1 14.4 21.6

71 35.6 29.2 43.8



#8

2-Chlorophenol

Concen: 40.131 ng

RT: 7.240 min Scan# 706

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

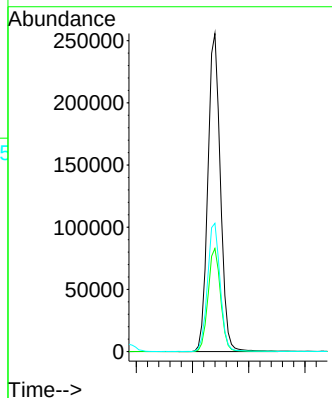
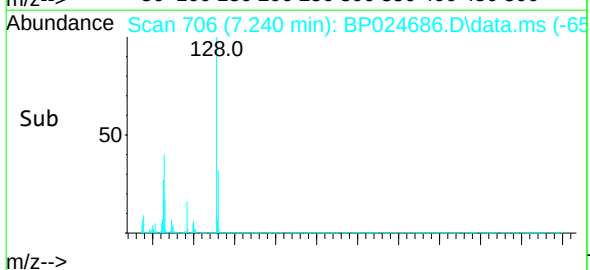
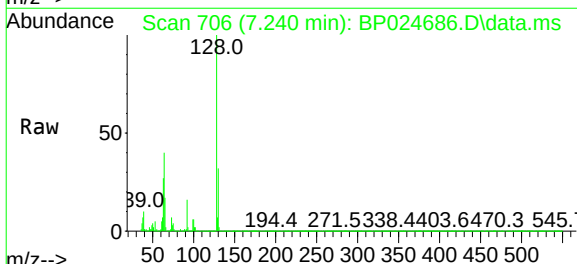
Tgt Ion: 128 Resp: 396752

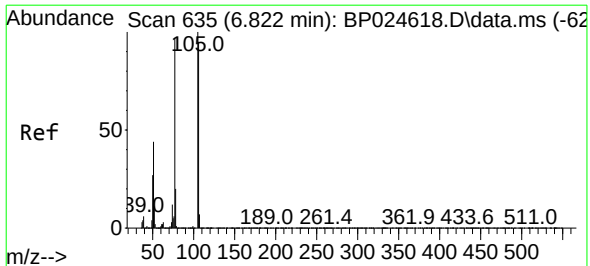
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 40.3 22.3 62.3





#9

Benzaldehyde

Concen: 38.364 ng

RT: 6.811 min Scan# 63

Delta R.T. -0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

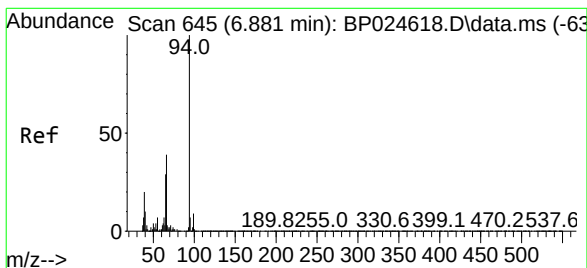
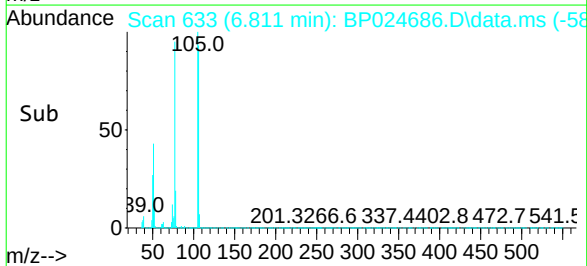
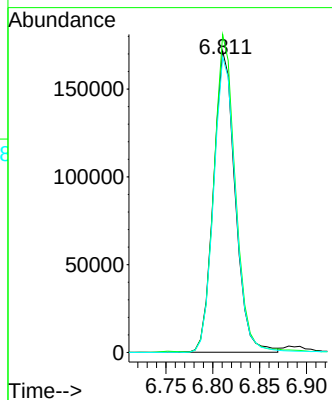
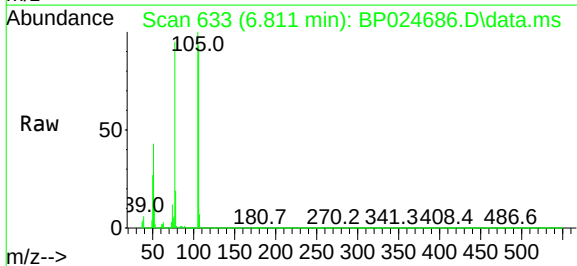
Tgt Ion: 77 Resp: 276033

Ion Ratio Lower Upper

77 100

105 105.5 83.3 123.3

106 98.1 78.0 118.0



#10

Phenol

Concen: 39.330 ng

RT: 6.887 min Scan# 646

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

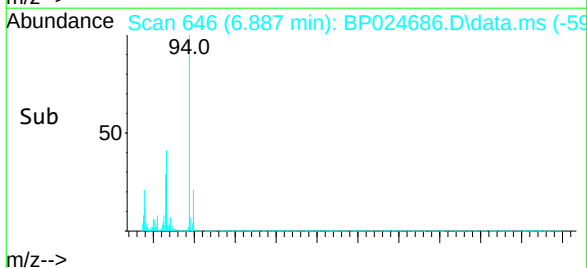
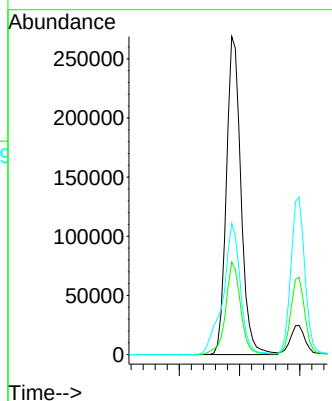
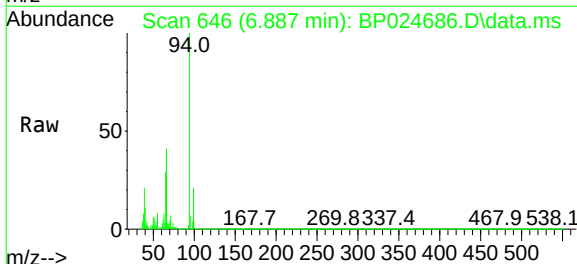
Tgt Ion: 94 Resp: 451200

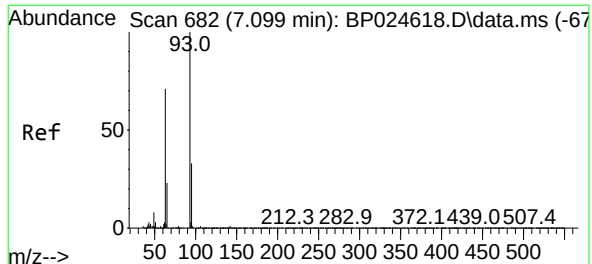
Ion Ratio Lower Upper

94 100

65 29.1 8.7 48.7

66 41.2 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 37.469 ng

RT: 7.093 min Scan# 68

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

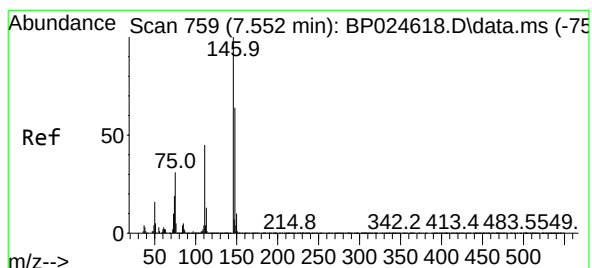
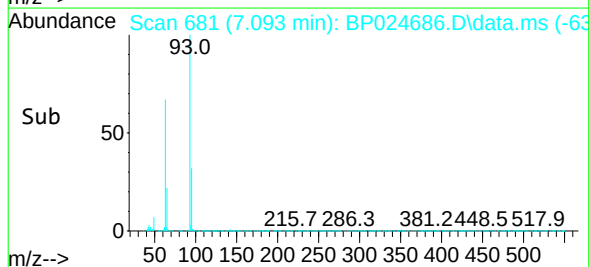
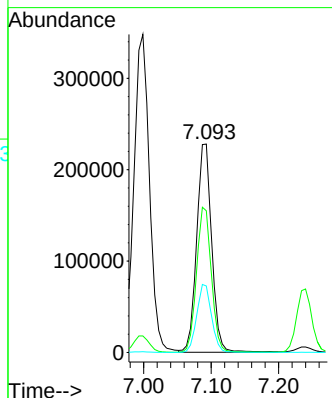
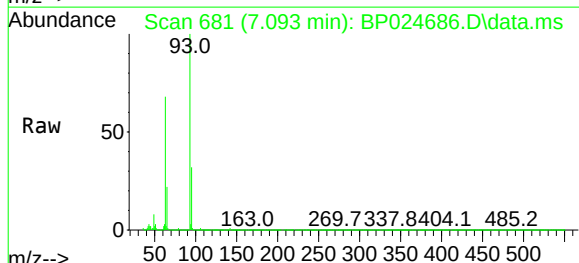
Tgt Ion: 93 Resp: 353209

Ion Ratio Lower Upper

93 100

63 68.0 50.6 90.6

95 31.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 38.293 ng

RT: 7.546 min Scan# 758

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

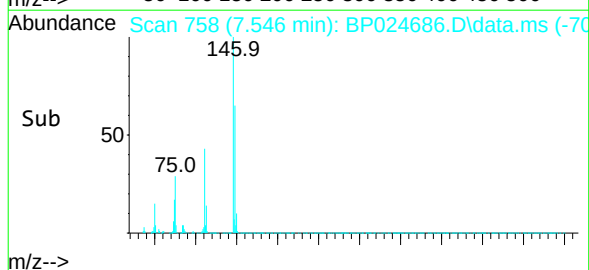
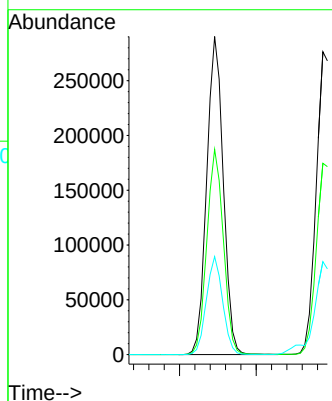
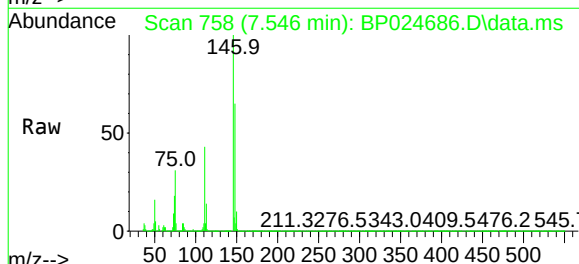
Tgt Ion: 146 Resp: 435566

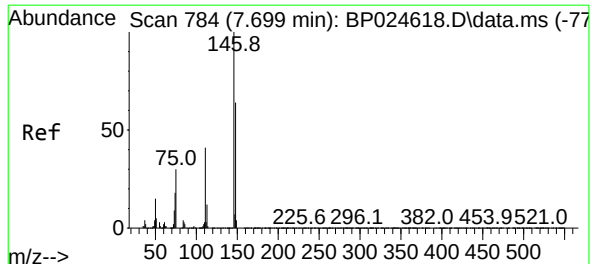
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

75 30.8 25.2 37.8

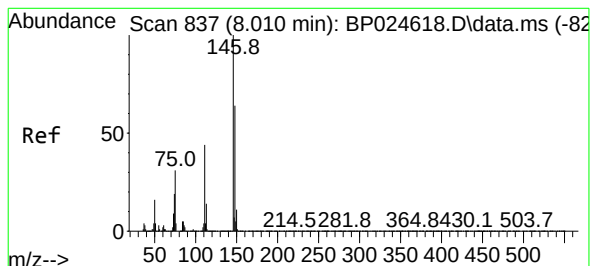
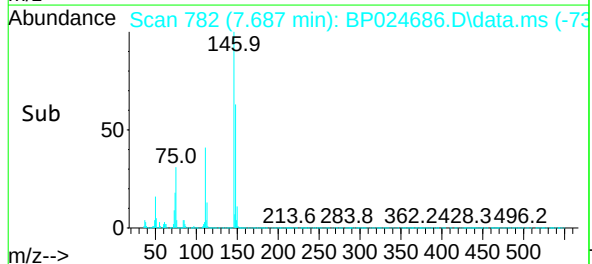
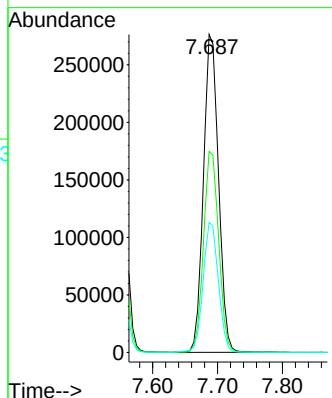
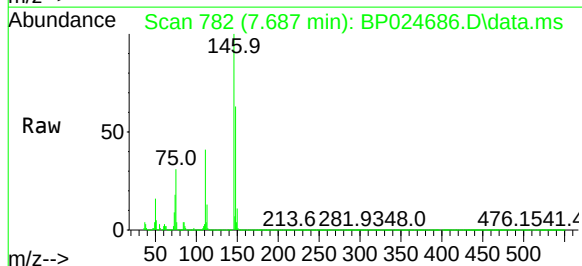




#13
1,4-Dichlorobenzene
Concen: 38.977 ng
RT: 7.687 min Scan# 784
Delta R.T. -0.012 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

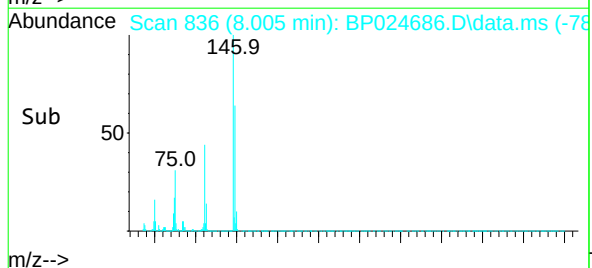
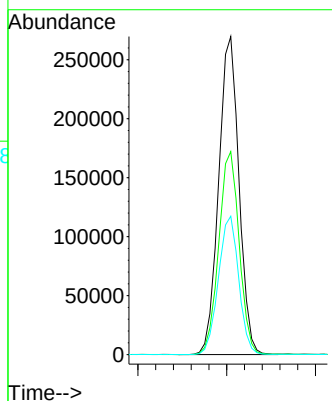
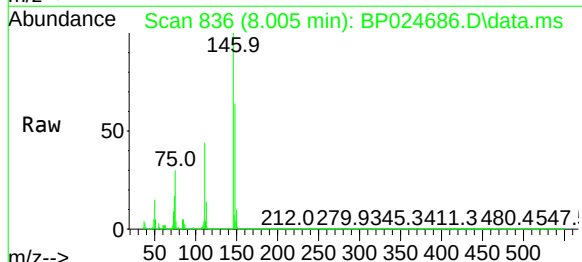
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

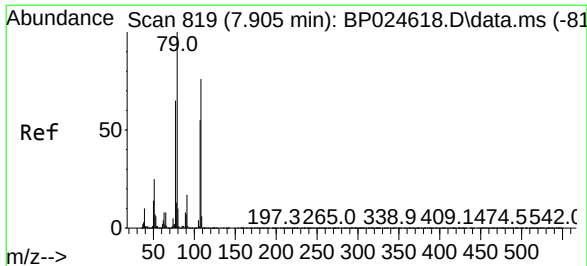
Tgt Ion:146 Resp: 445903
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 40.9 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 38.385 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:146 Resp: 427894
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
111 43.5 35.2 52.8





#15

Benzyl Alcohol

Concen: 40.159 ng

RT: 7.905 min Scan# 819

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

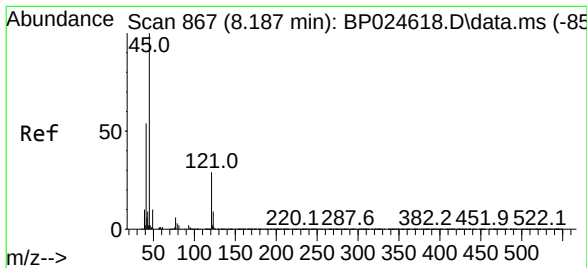
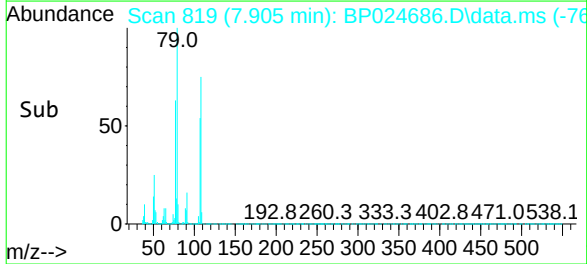
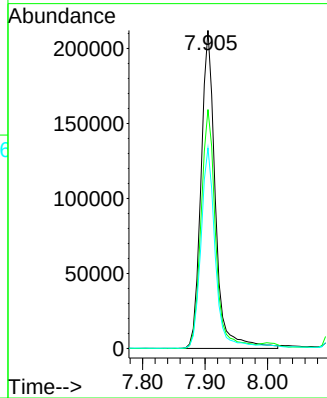
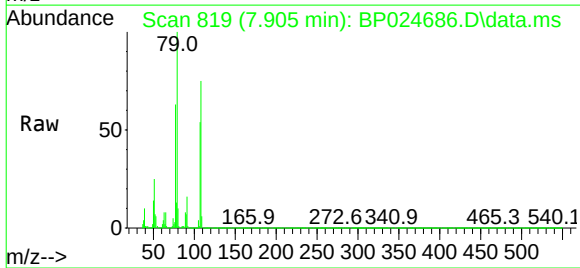
Tgt Ion: 79 Resp: 339203

Ion Ratio Lower Upper

79 100

108 75.1 60.8 91.2

77 63.0 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.300 ng

RT: 8.175 min Scan# 865

Delta R.T. -0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

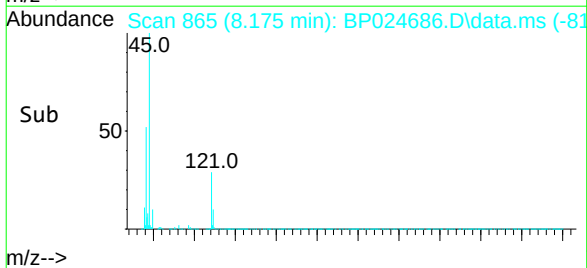
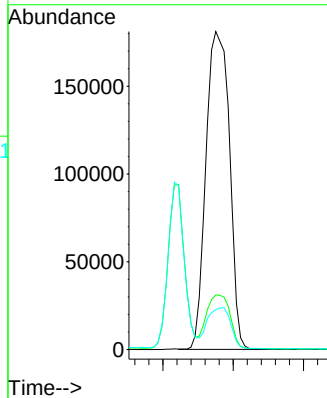
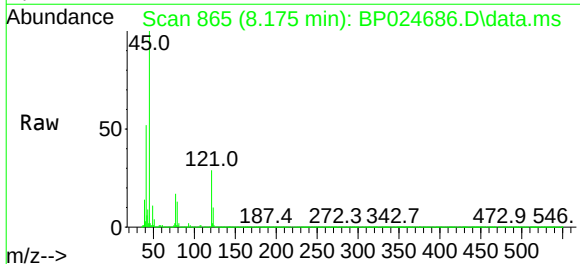
Tgt Ion: 45 Resp: 421083

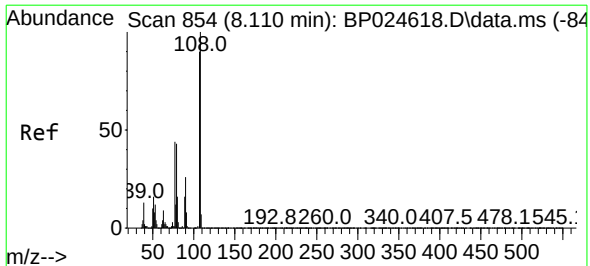
Ion Ratio Lower Upper

45 100

77 17.2 0.0 37.7

79 12.6 0.0 34.0





#17

2-Methylphenol

Concen: 40.012 ng

RT: 8.116 min Scan# 85

Delta R.T. 0.006 min

Lab File: BP024686.D

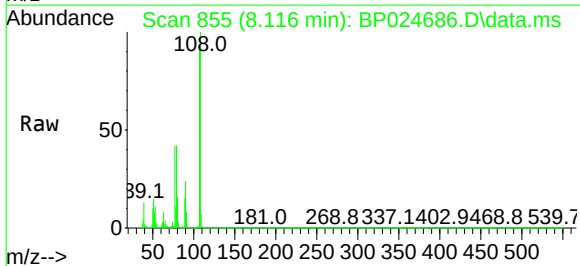
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 329222

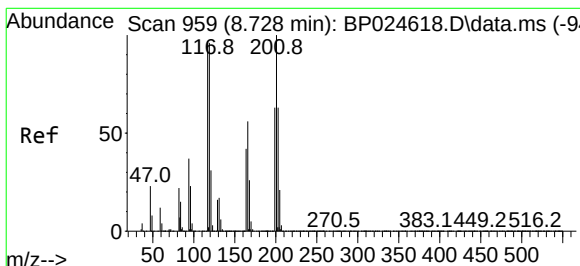
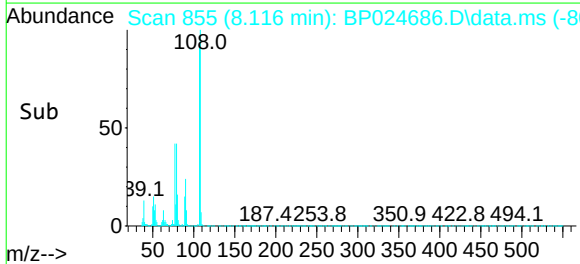
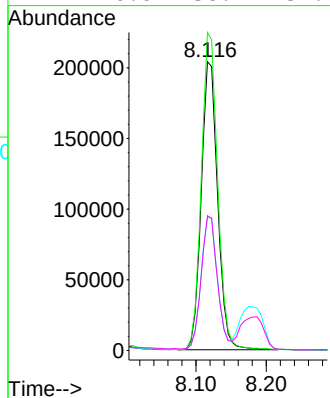
Ion Ratio Lower Upper

107 100

108 110.1 88.9 133.3

77 45.9 39.0 58.6

79 46.6 38.4 57.6



#18

Hexachloroethane

Concen: 36.970 ng

RT: 8.722 min Scan# 958

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

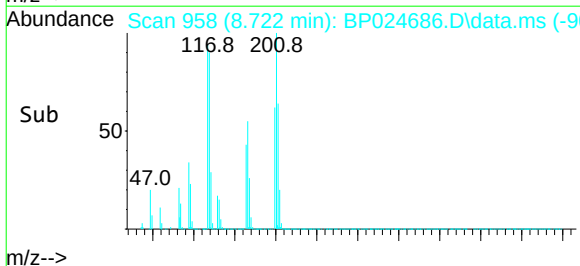
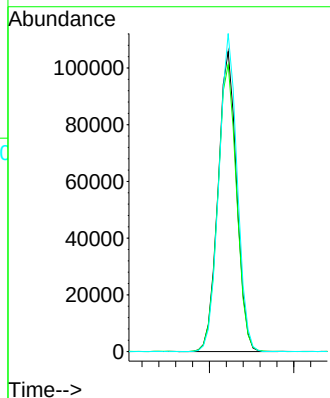
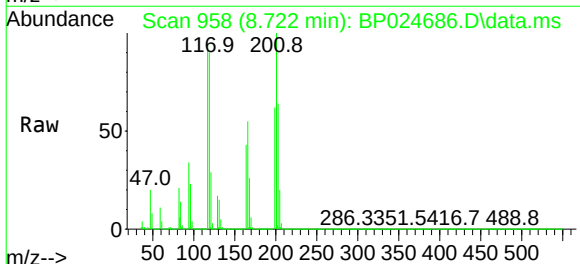
Tgt Ion:117 Resp: 162073

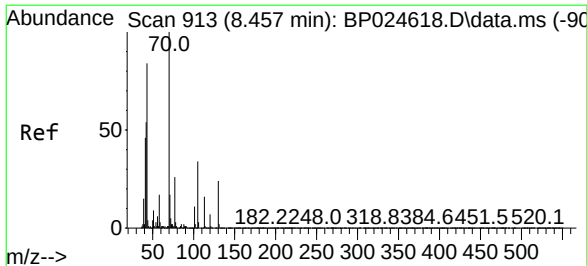
Ion Ratio Lower Upper

117 100

119 95.7 79.4 119.0

201 106.0 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.513 ng

RT: 8.457 min Scan# 911

Delta R.T. 0.000 min

Lab File: BP024686.D

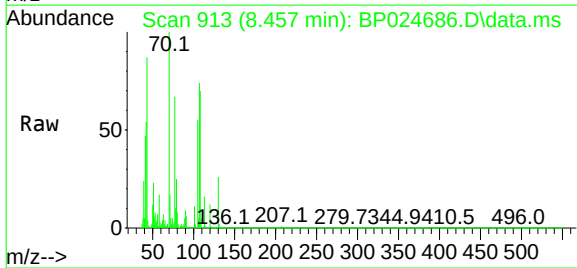
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 296114

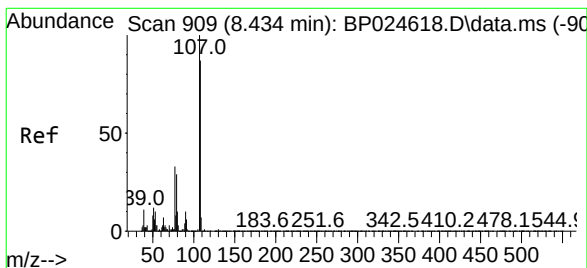
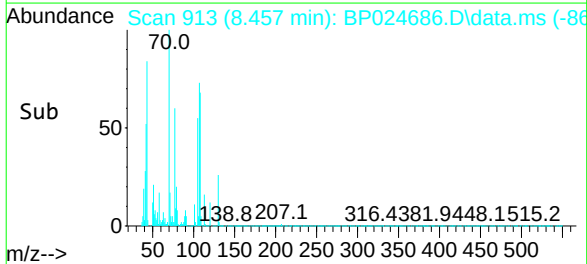
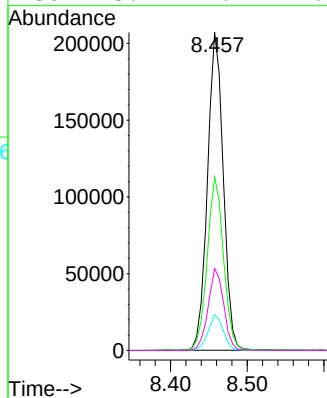
Ion Ratio Lower Upper

70 100

42 54.4 43.0 64.6

101 11.2 8.7 13.1

130 25.7 19.4 29.0



#20

3+4-Methylphenols

Concen: 39.884 ng

RT: 8.446 min Scan# 911

Delta R.T. 0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Tgt Ion: 107 Resp: 446406

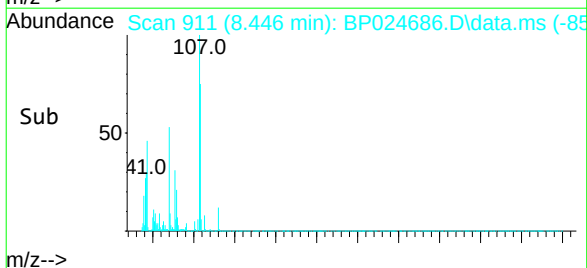
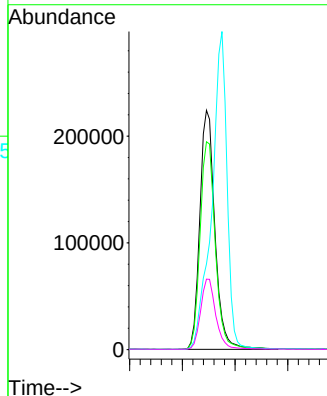
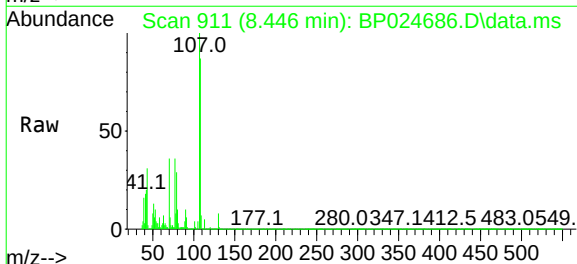
Ion Ratio Lower Upper

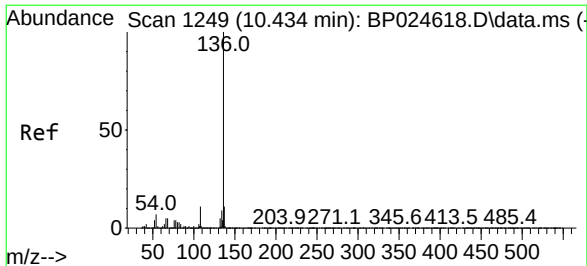
107 100

108 86.8 66.7 106.7

77 35.8 13.1 53.1

79 29.4 8.9 48.9

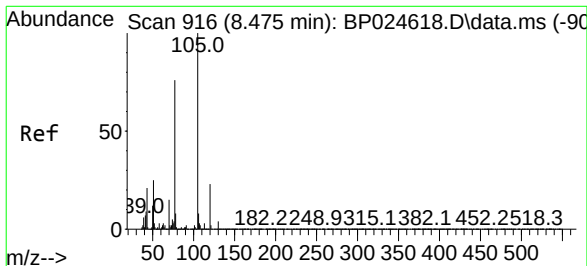
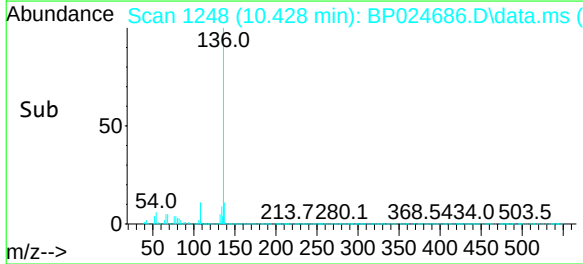
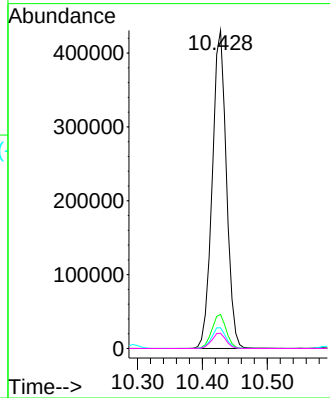
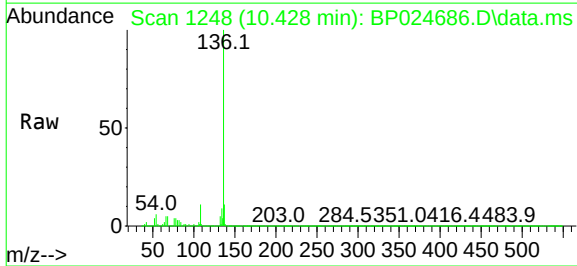




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

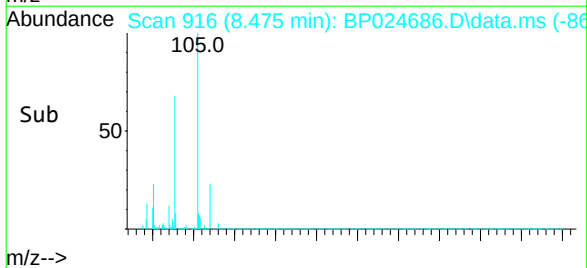
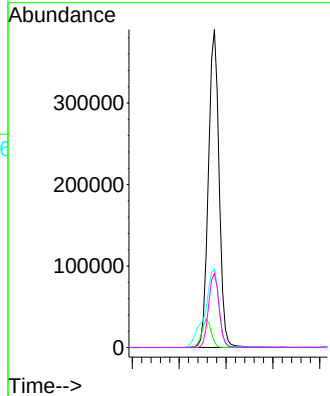
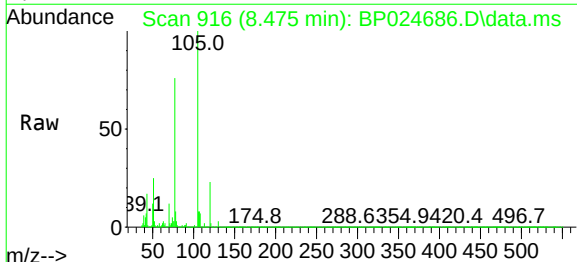
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

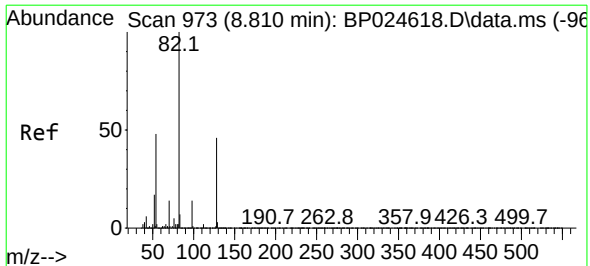
Tgt Ion:	136	Resp:	651543
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.5	8.3
68	4.8	4.2	6.2



#22
Acetophenone
Concen: 37.987 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion:	105	Resp:	618238
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.0	3.0
51	24.6	20.4	30.6
120	23.3	18.1	27.1





#23

Nitrobenzene-d5

Concen: 74.927 ng

RT: 8.805 min Scan# 97

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

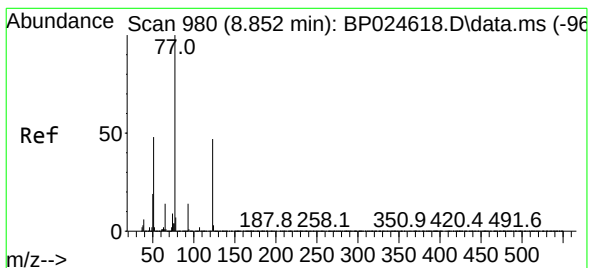
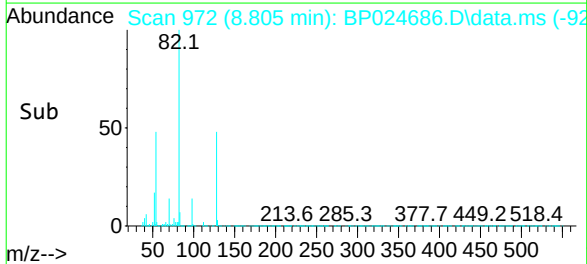
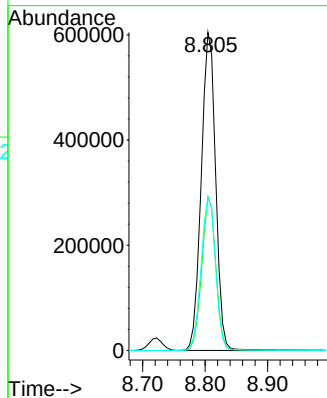
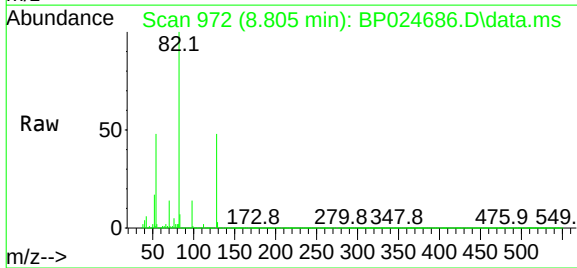
Tgt Ion: 82 Resp: 966184

Ion Ratio Lower Upper

82 100

128 48.4 37.0 55.4

54 48.2 38.7 58.1



#24

Nitrobenzene

Concen: 37.468 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

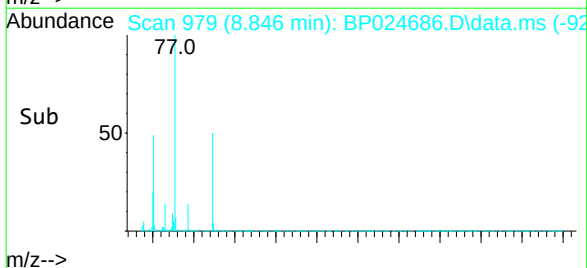
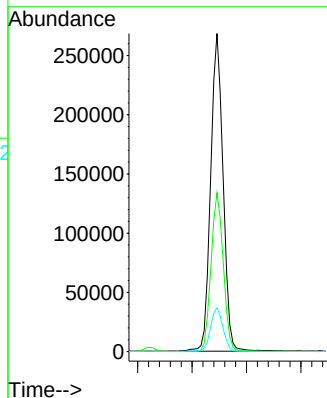
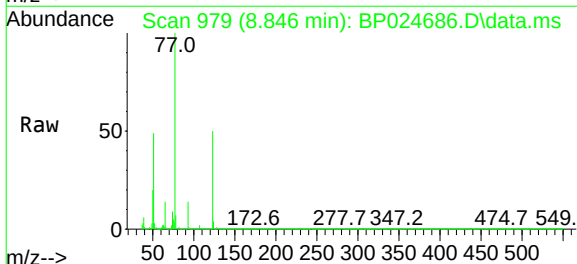
Tgt Ion: 77 Resp: 425179

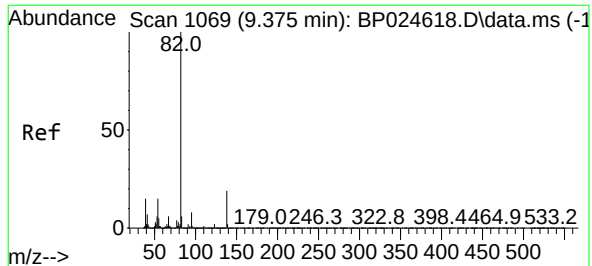
Ion Ratio Lower Upper

77 100

123 49.9 37.4 56.0

65 13.8 11.3 16.9





#25

Isophorone

Concen: 37.667 ng

RT: 9.369 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP024686.D

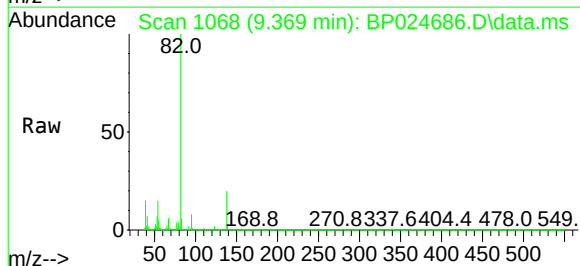
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



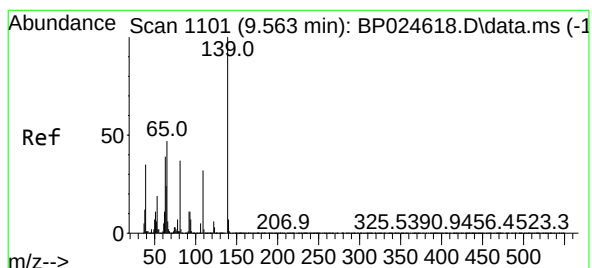
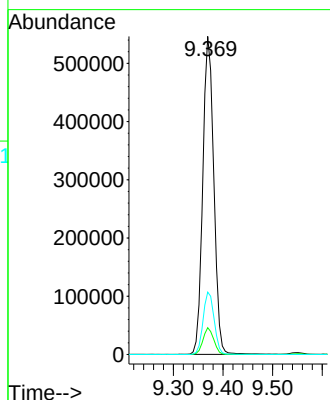
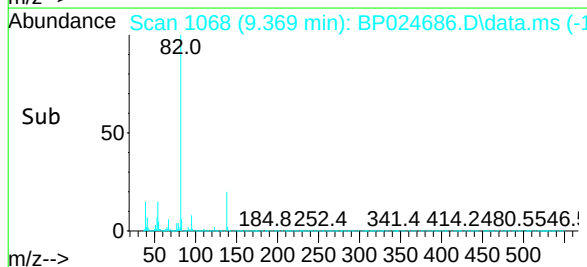
Tgt Ion: 82 Resp: 842538

Ion Ratio Lower Upper

82 100

95 8.4 6.3 9.5

138 19.6 15.3 22.9



#26

2-Nitrophenol

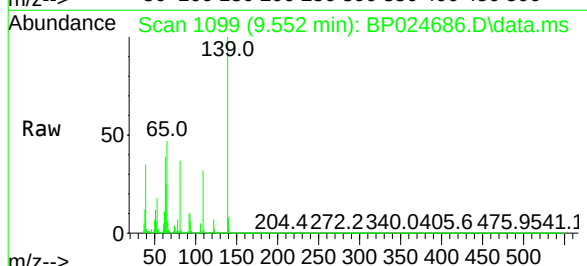
Concen: 42.398 ng

RT: 9.552 min Scan# 1099

Delta R.T. -0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48



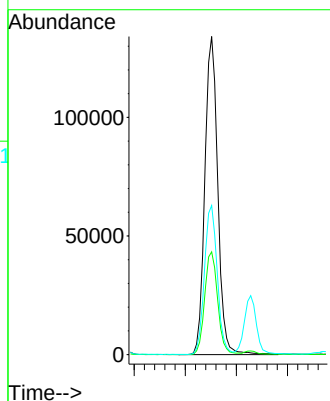
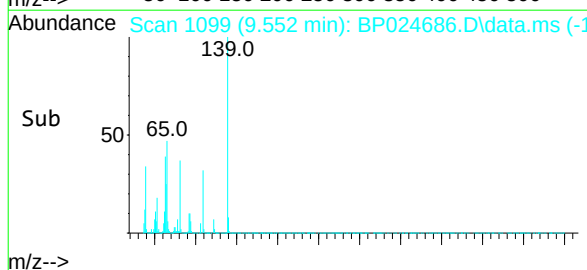
Tgt Ion: 139 Resp: 235757

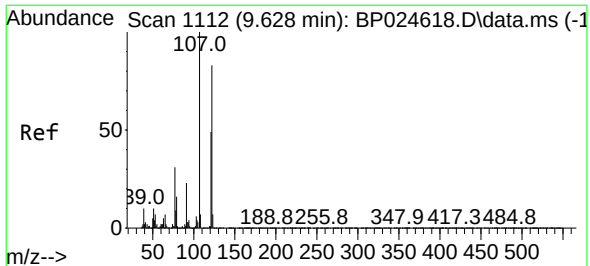
Ion Ratio Lower Upper

139 100

109 32.3 25.9 38.9

65 46.9 37.9 56.9

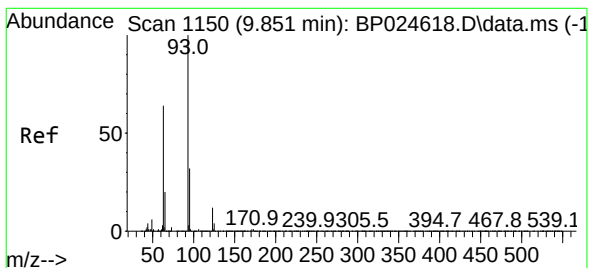
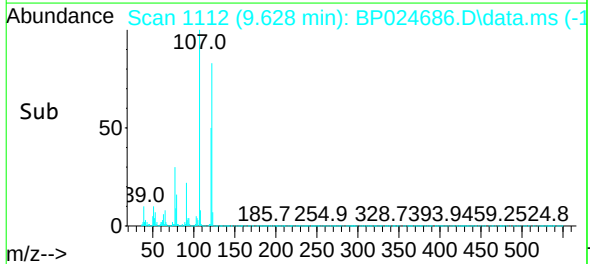
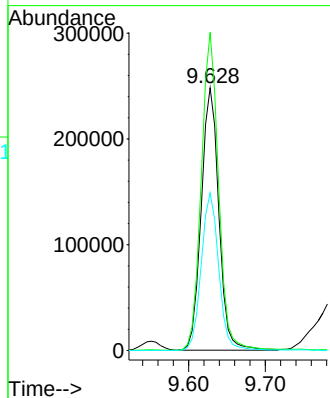
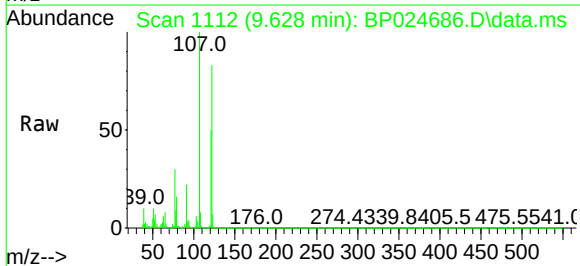




#27
2,4-Dimethylphenol
Concen: 40.297 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

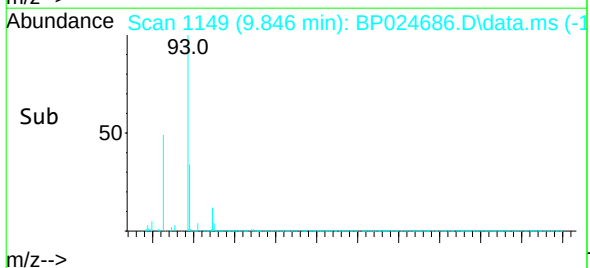
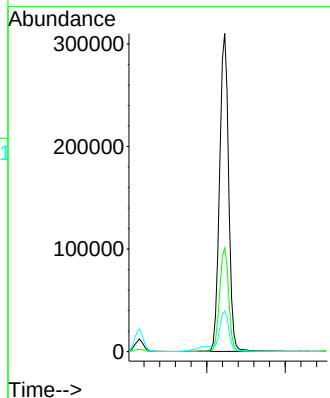
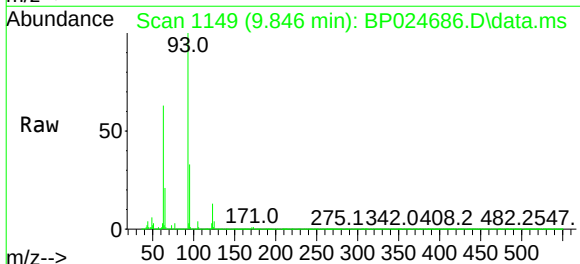
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

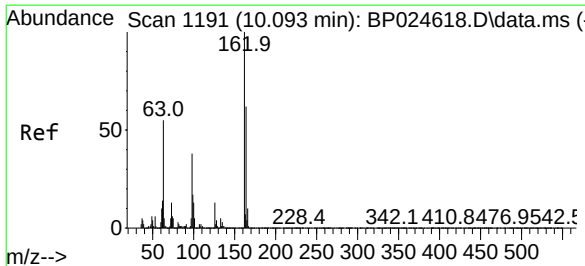
Tgt Ion: 122 Resp: 395068
Ion Ratio Lower Upper
122 100
107 121.1 96.2 144.2
121 60.0 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.241 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024686.D
Acq: 19 May 2025 12:48

Tgt Ion: 93 Resp: 497670
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 12.9 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.391 ng

RT: 10.104 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

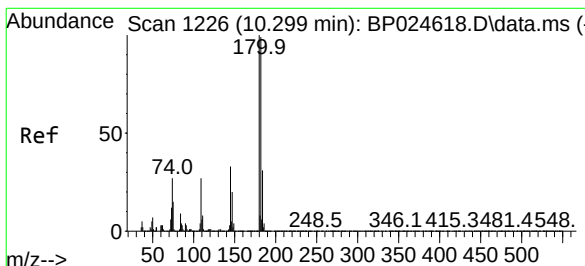
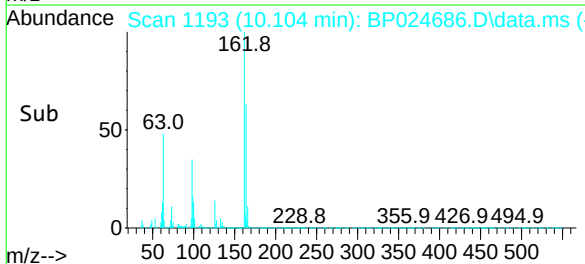
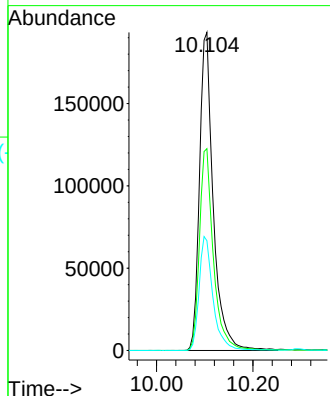
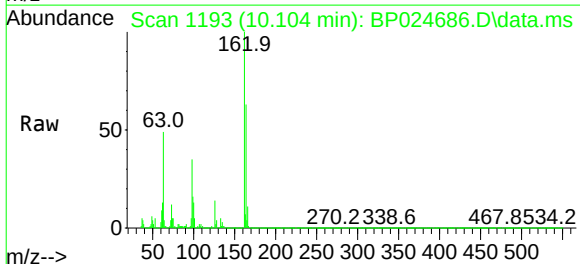
Tgt Ion:162 Resp: 383741

Ion Ratio Lower Upper

162 100

164 63.4 42.3 82.3

98 34.5 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 38.526 ng

RT: 10.293 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

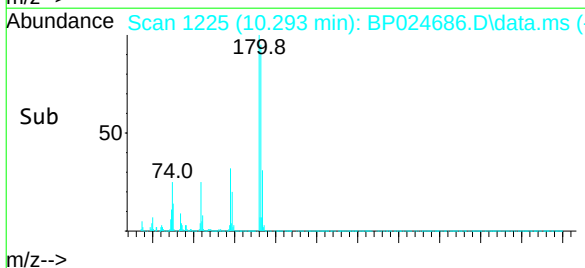
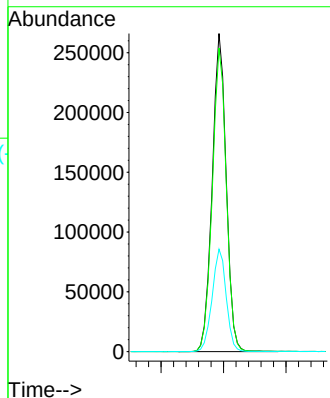
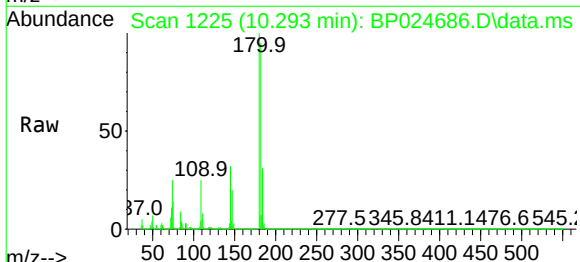
Tgt Ion:180 Resp: 412457

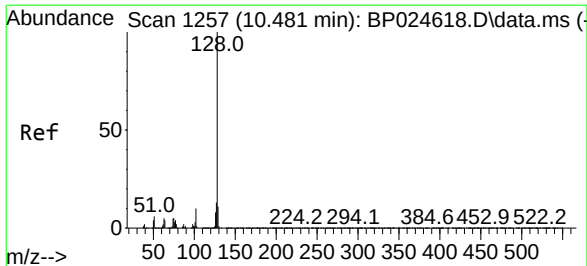
Ion Ratio Lower Upper

180 100

182 95.5 79.0 118.4

145 32.2 26.6 39.8





#31

Naphthalene

Concen: 38.183 ng

RT: 10.475 min Scan# 1257

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

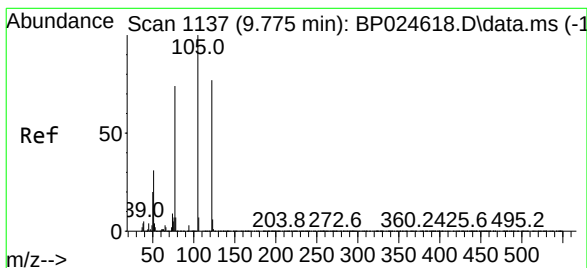
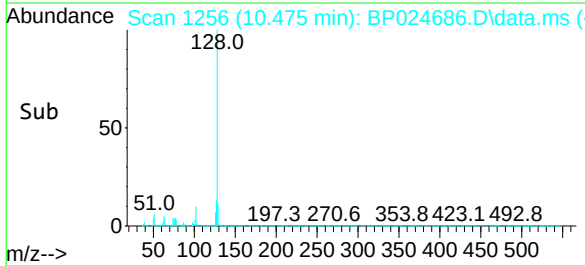
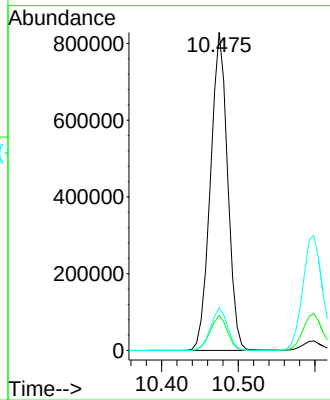
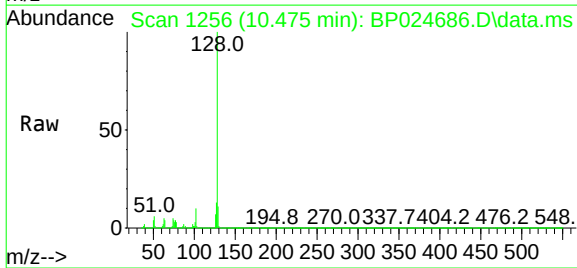
Tgt Ion:128 Resp: 1289180

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 36.998 ng

RT: 9.799 min Scan# 1141

Delta R.T. 0.024 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

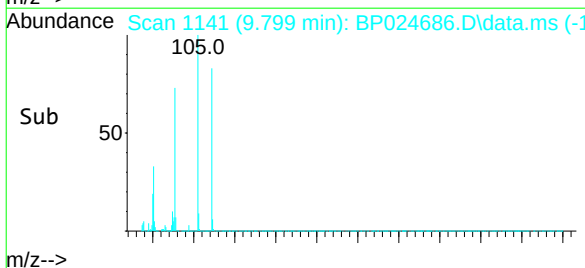
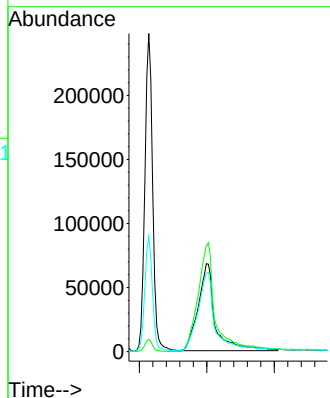
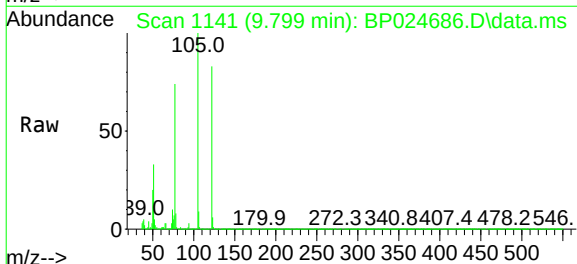
Tgt Ion:122 Resp: 238678

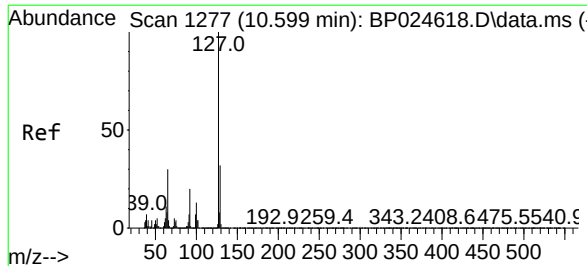
Ion Ratio Lower Upper

122 100

105 120.5 106.9 146.9

77 88.8 75.1 115.1





#33

4-Chloroaniline

Concen: 40.734 ng

RT: 10.599 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BP024686.D

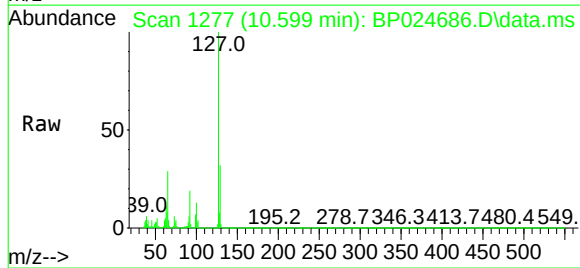
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:127 Resp: 554976

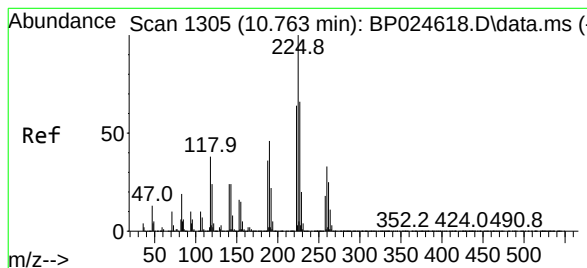
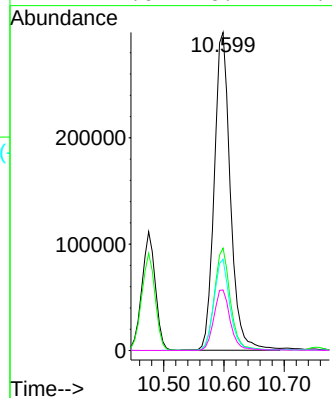
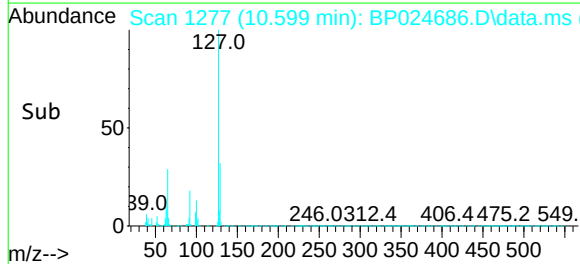
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.6

65 28.7 23.9 35.9

92 19.0 16.1 24.1



#34

Hexachlorobutadiene

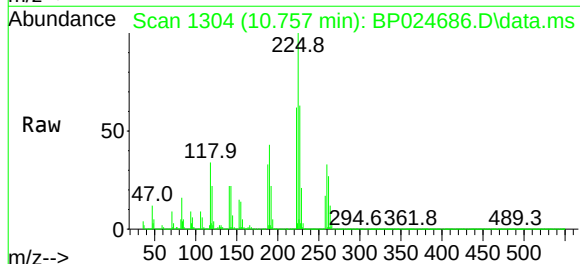
Concen: 38.199 ng

RT: 10.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48



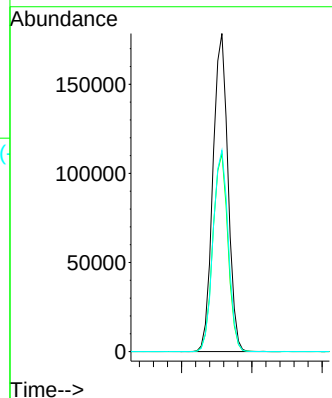
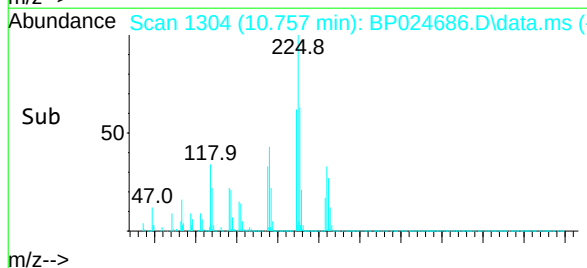
Tgt Ion:225 Resp: 264931

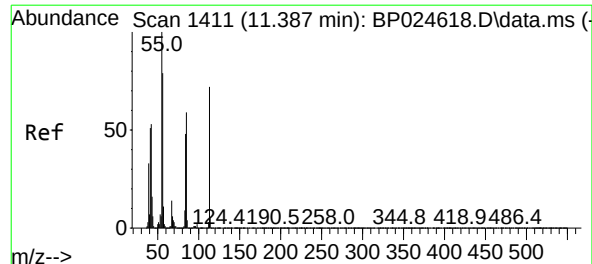
Ion Ratio Lower Upper

225 100

223 62.2 51.0 76.6

227 63.3 53.1 79.7





#35

Caprolactam

Concen: 41.294 ng

RT: 11.399 min Scan# 1411

Delta R.T. 0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

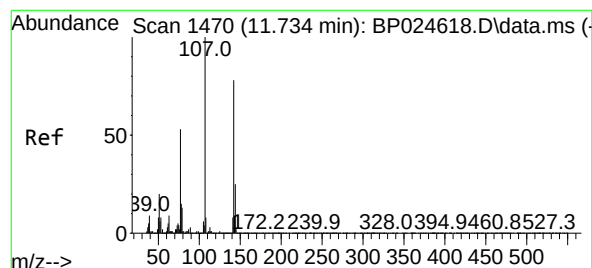
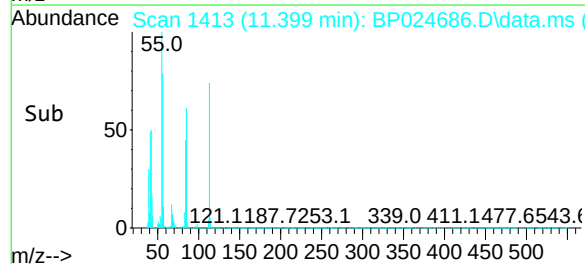
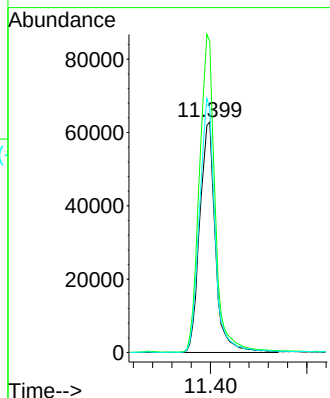
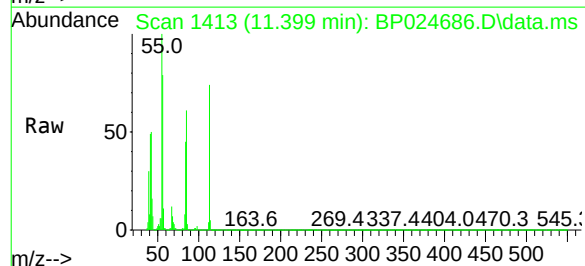
Tgt Ion:113 Resp: 141941

Ion Ratio Lower Upper

113 100

55 135.0 119.0 159.0

56 106.1 90.3 130.3



#36

4-Chloro-3-methylphenol

Concen: 39.617 ng

RT: 11.751 min Scan# 1473

Delta R.T. 0.018 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

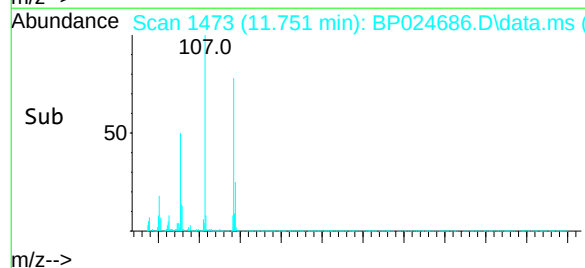
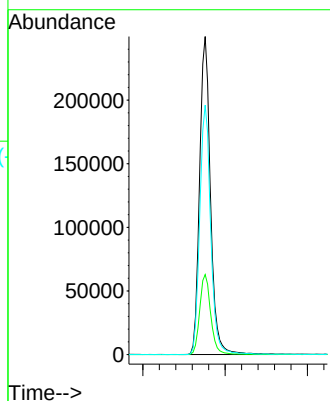
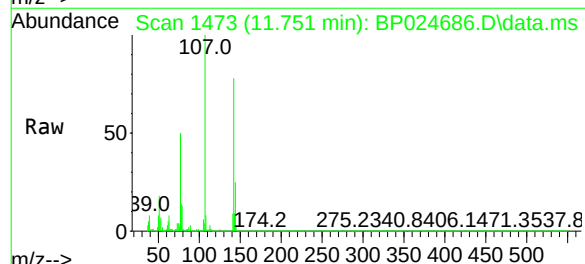
Tgt Ion:107 Resp: 458991

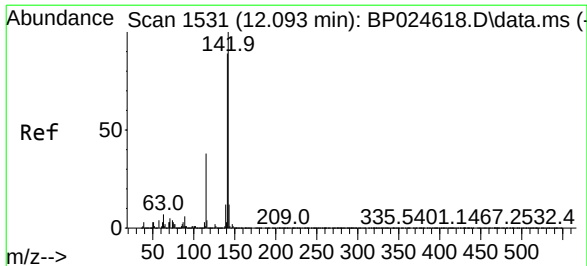
Ion Ratio Lower Upper

107 100

144 25.2 20.1 30.1

142 78.4 62.1 93.1





#37

2-Methylnaphthalene

Concen: 38.634 ng

RT: 12.087 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

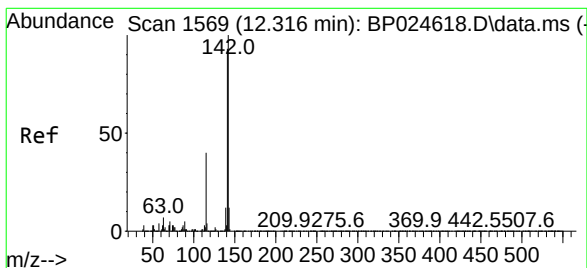
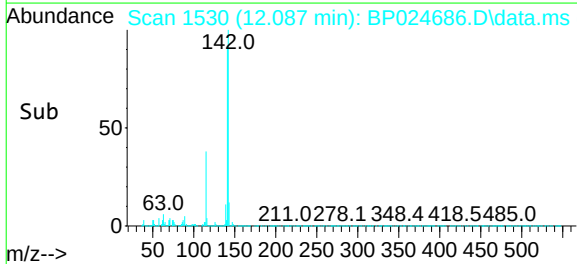
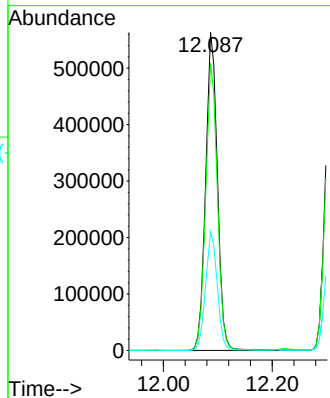
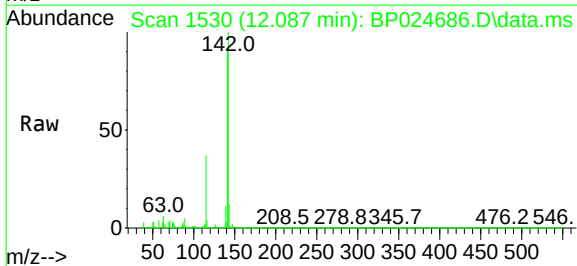
Tgt Ion:142 Resp: 844620

Ion Ratio Lower Upper

142 100

141 90.4 71.2 106.8

115 37.3 30.6 46.0



#38

1-Methylnaphthalene

Concen: 38.361 ng

RT: 12.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

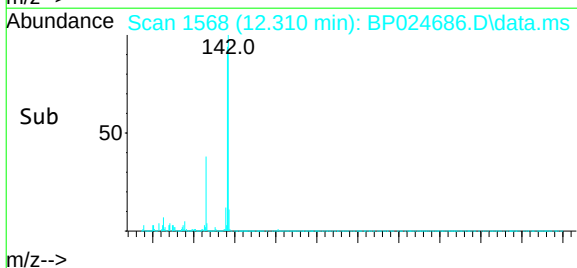
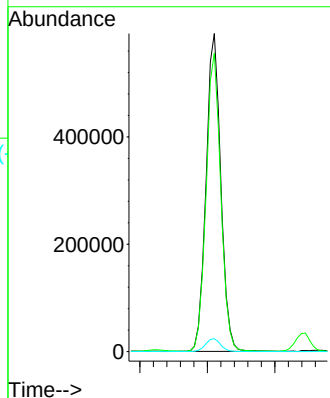
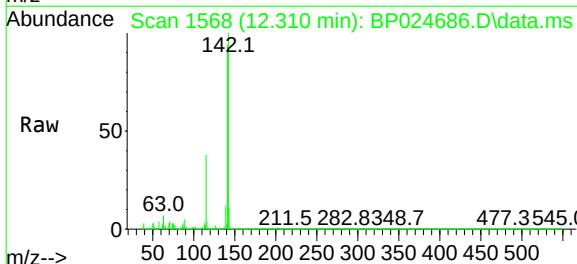
Tgt Ion:142 Resp: 897341

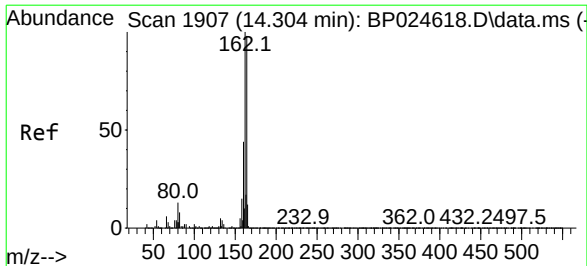
Ion Ratio Lower Upper

142 100

141 93.8 74.7 112.1

116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

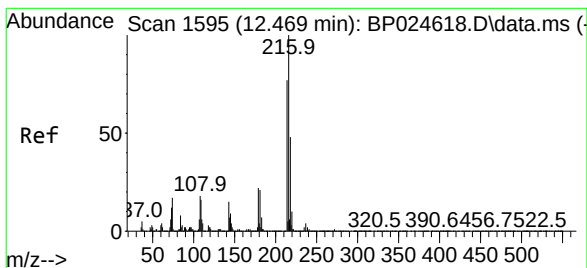
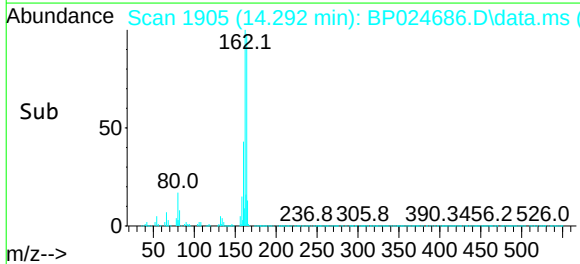
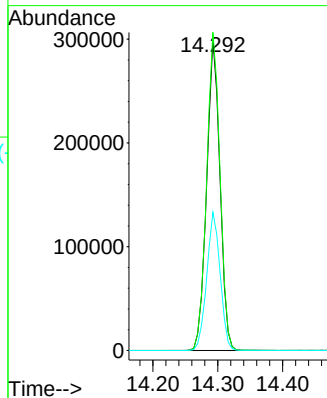
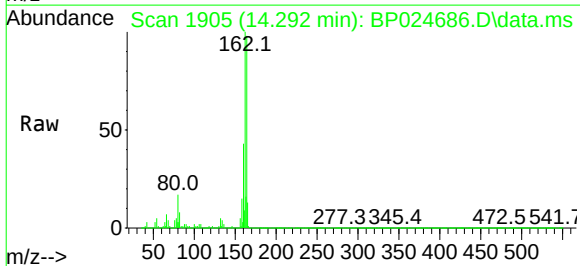
Tgt Ion:164 Resp: 426043

Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

160 44.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.044 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Tgt Ion:216 Resp: 483050

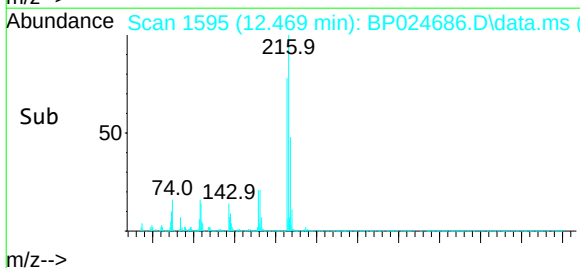
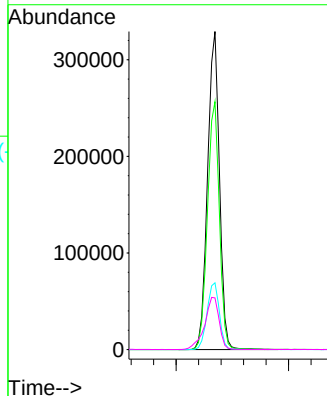
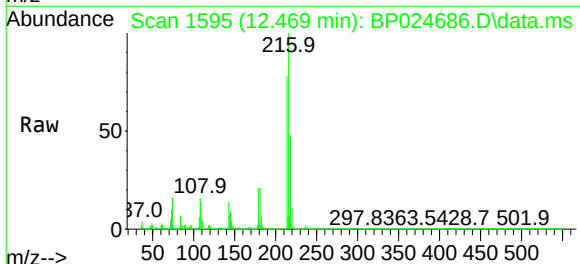
Ion Ratio Lower Upper

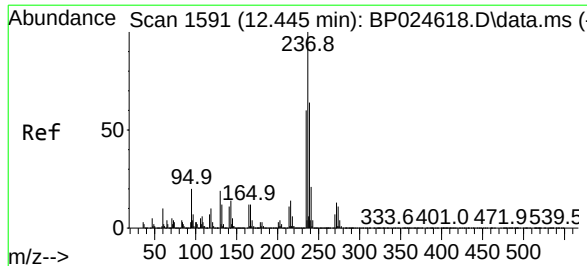
216 100

214 78.3 62.3 93.5

179 21.8 17.7 26.5

108 20.0 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 59.472 ng

RT: 12.446 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

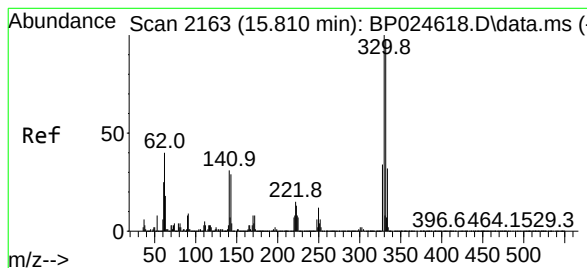
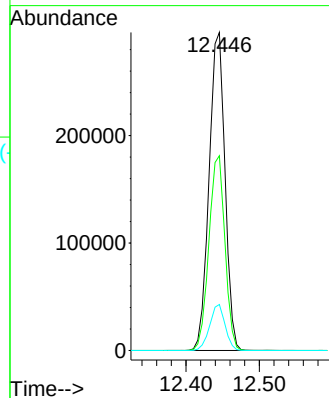
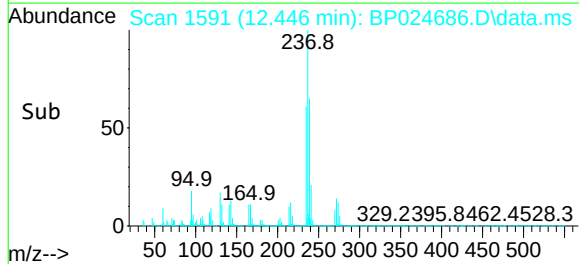
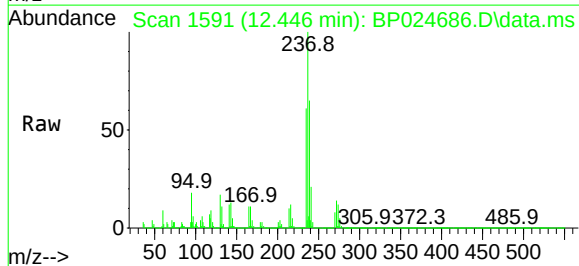
Tgt Ion:237 Resp: 446152

Ion Ratio Lower Upper

237 100

235 61.2 39.9 79.9

272 14.5 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 82.620 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

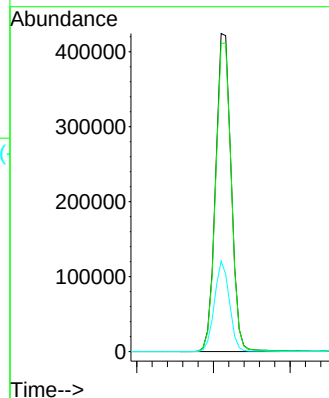
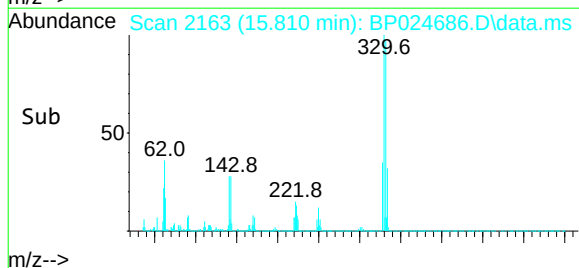
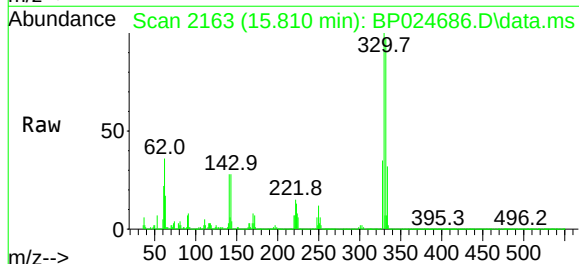
Tgt Ion:330 Resp: 596739

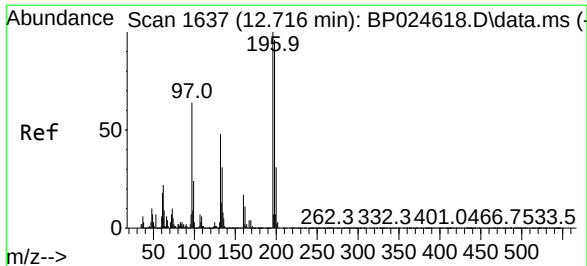
Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

141 27.4 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 41.398 ng

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP024686.D

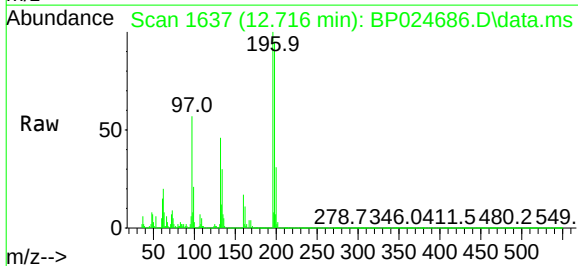
Acq: 19 May 2025 12:48

Instrument :

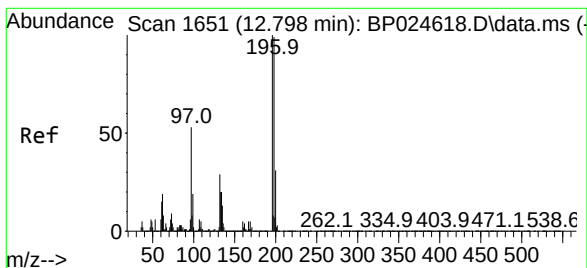
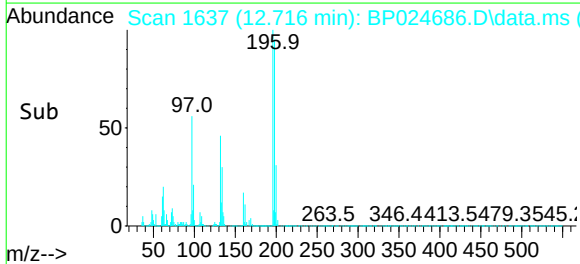
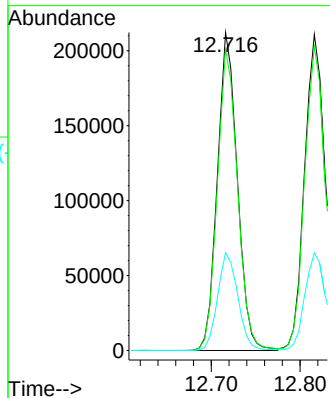
BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:	196	Resp:	331738
Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.9	115.3
200	30.7	25.2	37.8



#44

2,4,5-Trichlorophenol

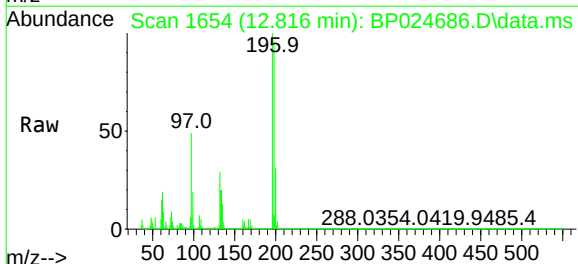
Concen: 40.168 ng

RT: 12.816 min Scan# 1654

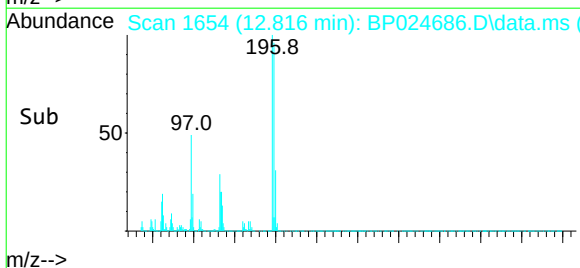
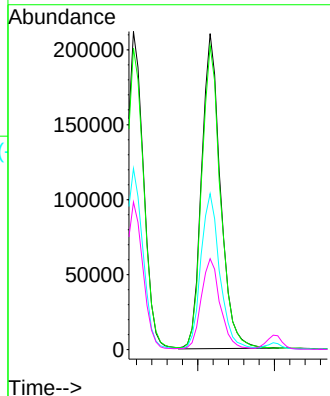
Delta R.T. 0.018 min

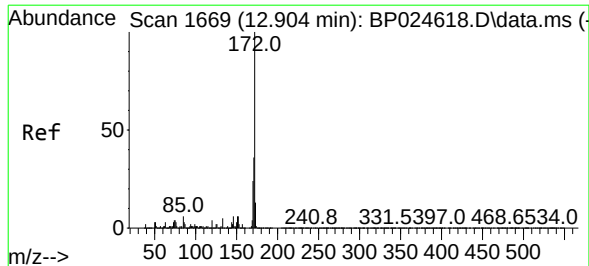
Lab File: BP024686.D

Acq: 19 May 2025 12:48



Tgt Ion:	196	Resp:	358296
Ion	Ratio	Lower	Upper
196	100		
198	96.1	79.2	118.8
97	49.3	42.3	63.5
132	28.8	23.3	34.9





#45

2-Fluorobiphenyl

Concen: 77.102 ng

RT: 12.898 min Scan# 16

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

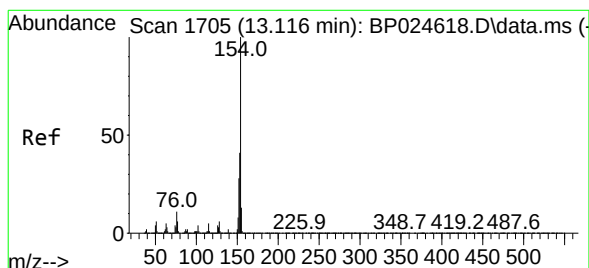
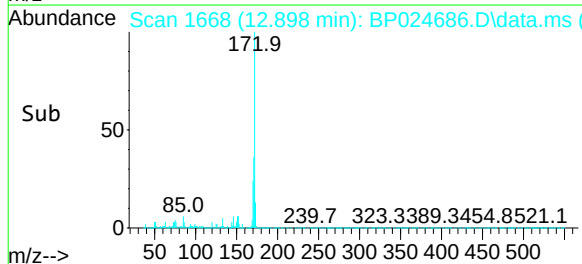
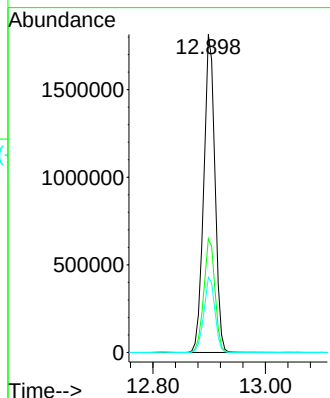
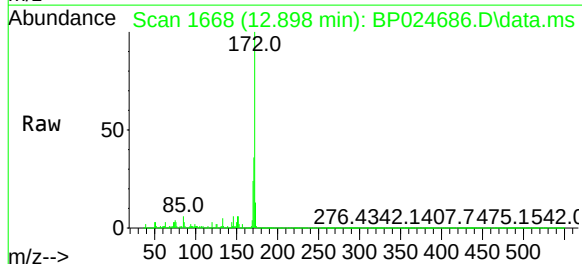
Tgt Ion:172 Resp: 2507287

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: 38.494 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

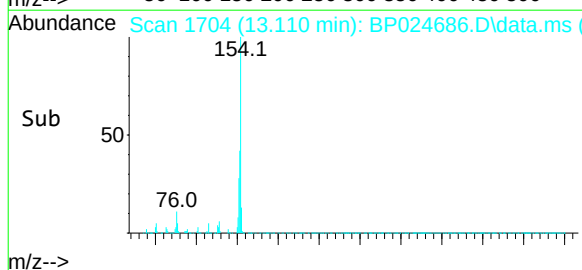
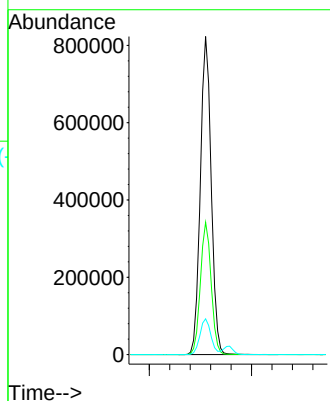
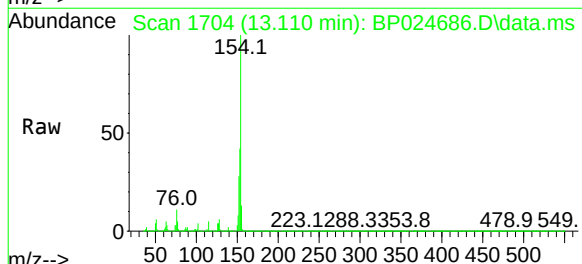
Tgt Ion:154 Resp: 1212140

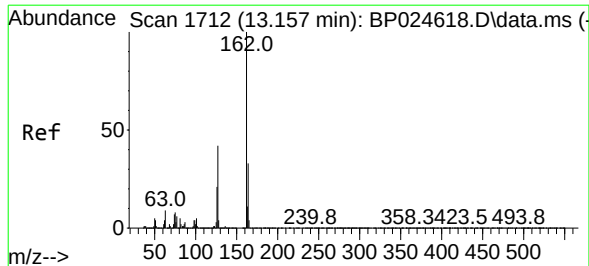
Ion Ratio Lower Upper

154 100

153 41.6 21.0 61.0

76 11.3 0.0 31.5





#47

2-Chloronaphthalene

Concen: 39.009 ng

RT: 13.157 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

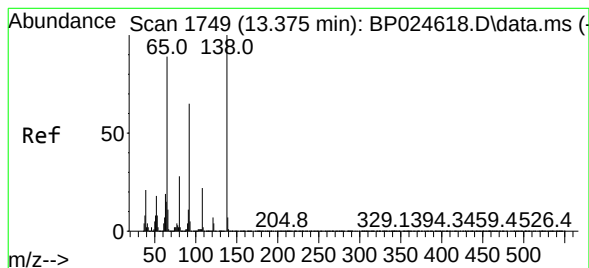
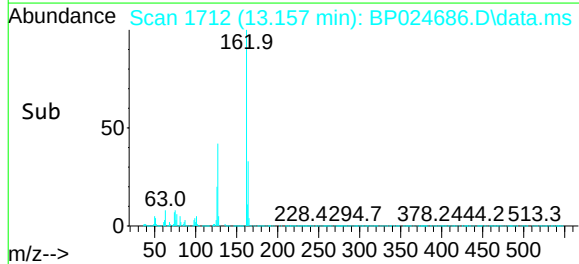
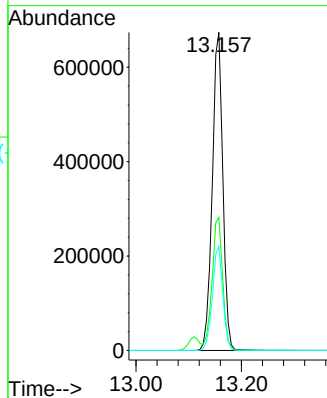
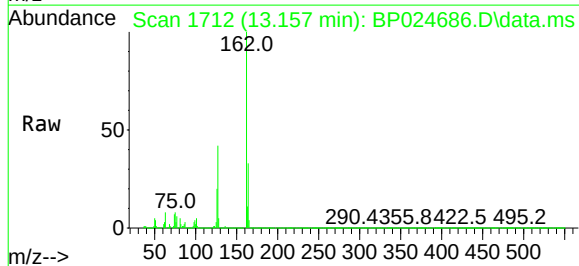
Tgt Ion:162 Resp: 936591

Ion Ratio Lower Upper

162 100

127 41.9 33.8 50.6

164 32.7 26.0 39.0



#48

2-Nitroaniline

Concen: 39.564 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

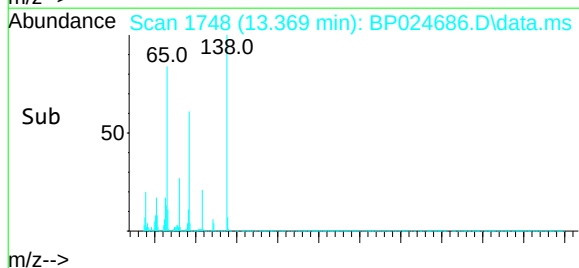
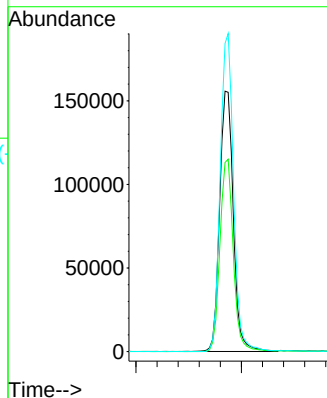
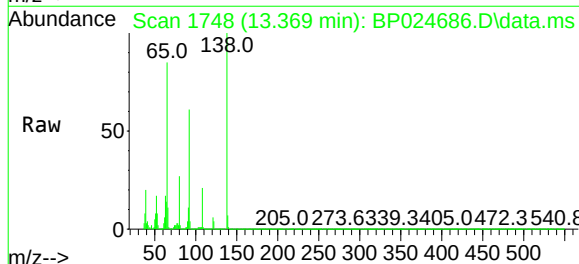
Tgt Ion: 65 Resp: 281236

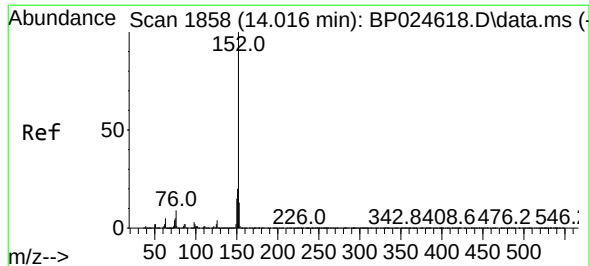
Ion Ratio Lower Upper

65 100

92 72.6 58.7 88.1

138 118.3 90.2 135.2





#49

Acenaphthylene

Concen: 38.478 ng

RT: 14.010 min Scan# 18

Delta R.T. -0.006 min

Lab File: BP024686.D

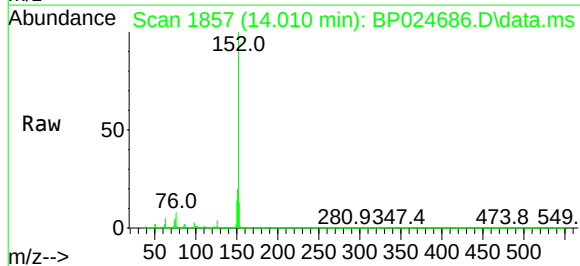
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



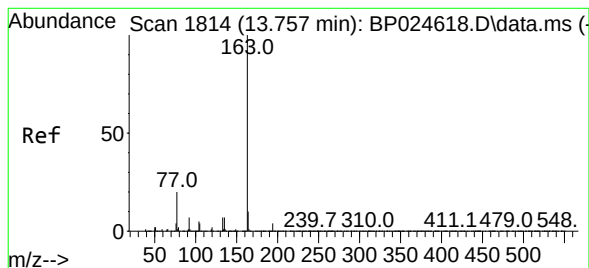
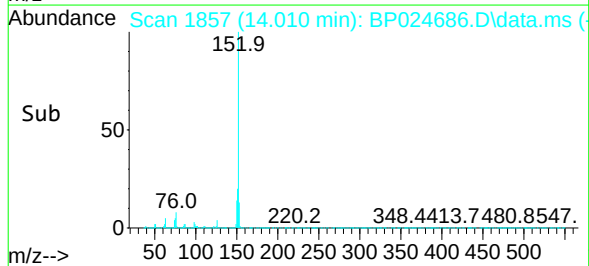
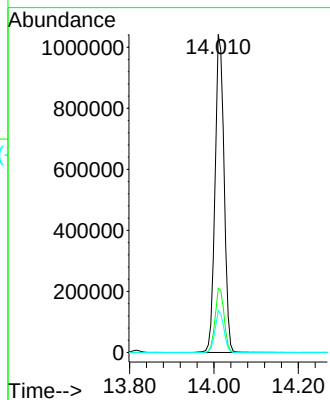
Tgt Ion:152 Resp: 1546043

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 37.553 ng

RT: 13.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

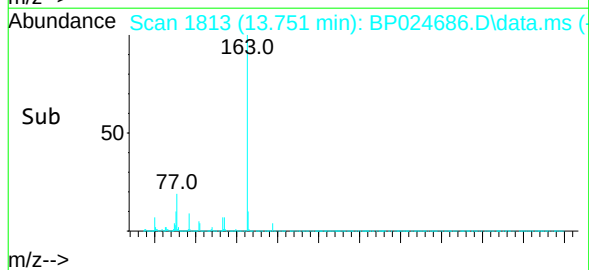
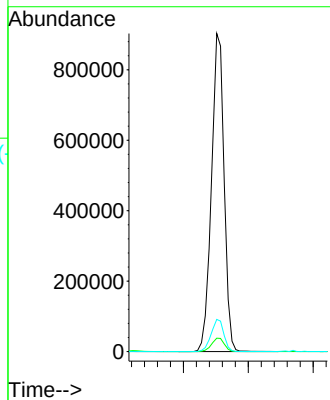
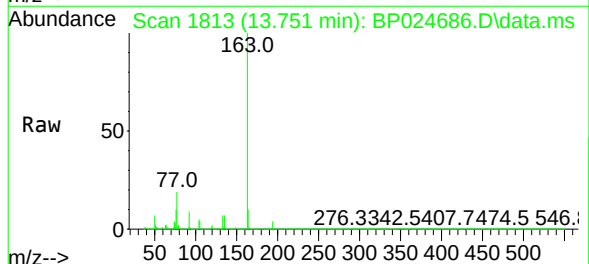
Tgt Ion:163 Resp: 1219478

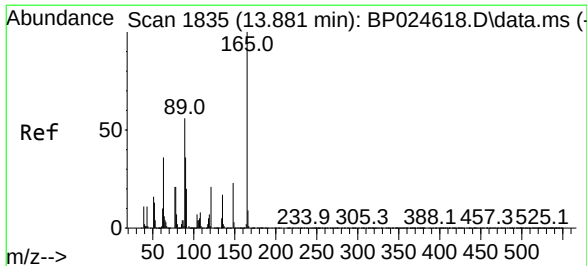
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 38.993 ng

RT: 13.869 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

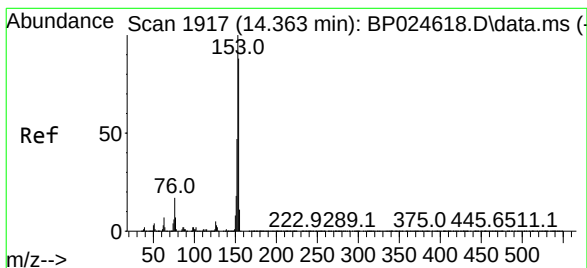
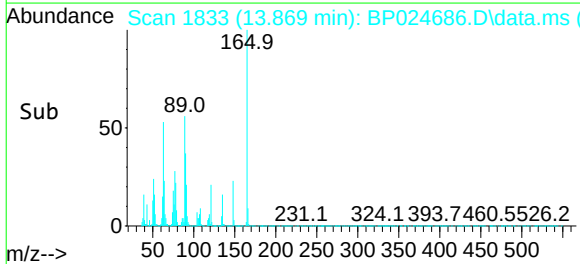
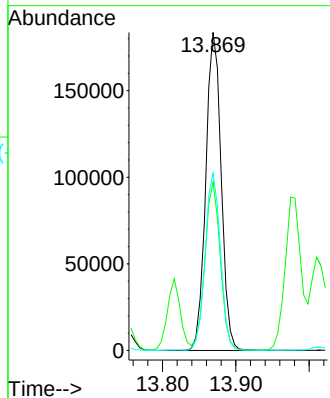
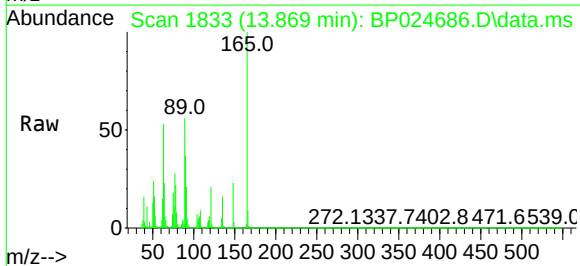
Tgt Ion:165 Resp: 267422

Ion Ratio Lower Upper

165 100

63 52.9 42.4 63.6

89 55.7 44.8 67.2



#52

Acenaphthene

Concen: 38.138 ng

RT: 14.363 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

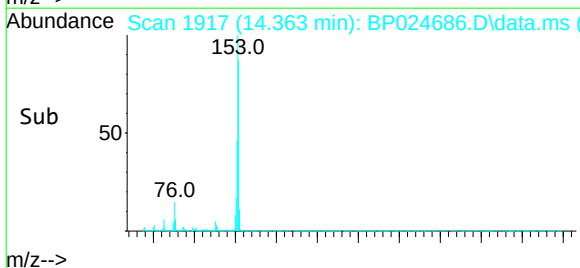
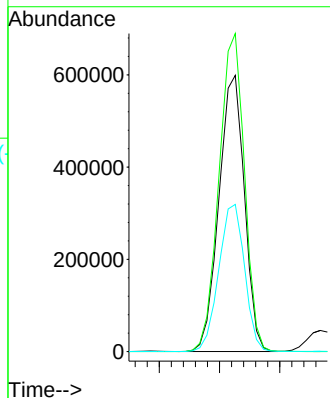
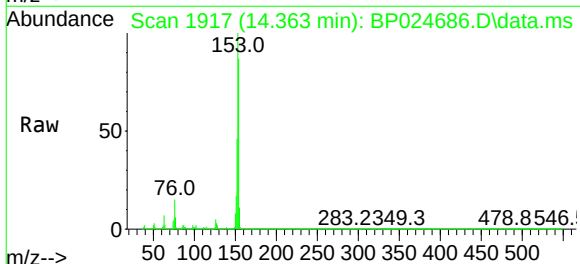
Tgt Ion:154 Resp: 880942

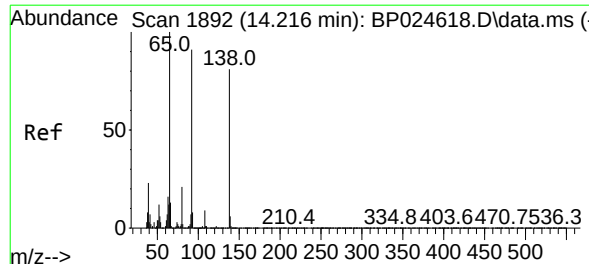
Ion Ratio Lower Upper

154 100

153 115.1 91.0 136.4

152 53.3 42.9 64.3





#53

3-Nitroaniline

Concen: 40.635 ng

RT: 14.210 min Scan# 1892

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

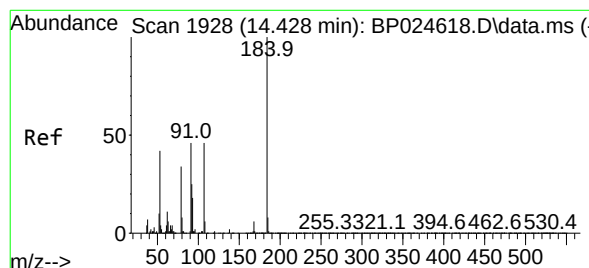
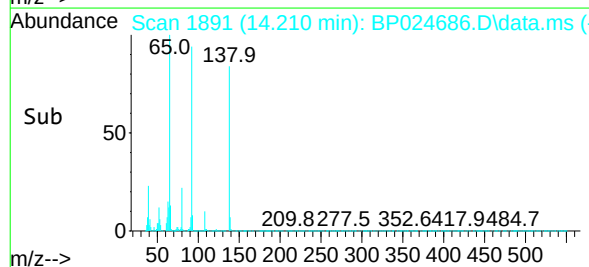
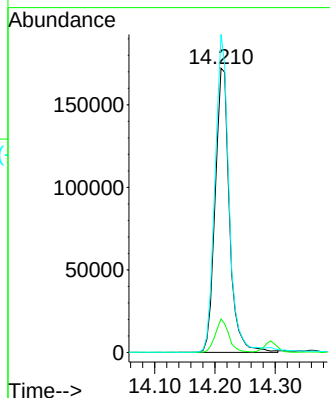
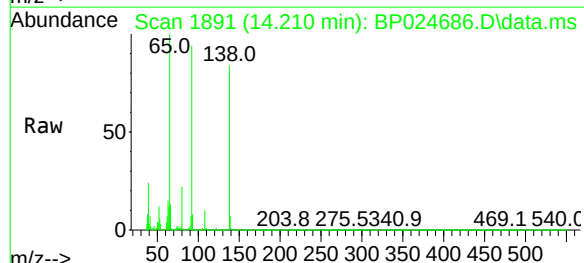
Tgt Ion:138 Resp: 284551

Ion Ratio Lower Upper

138 100

108 11.8 9.0 13.4

92 111.9 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 37.740 ng

RT: 14.434 min Scan# 1929

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

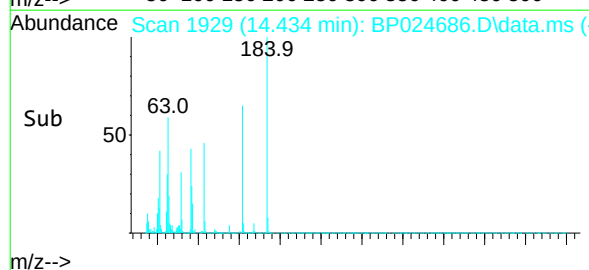
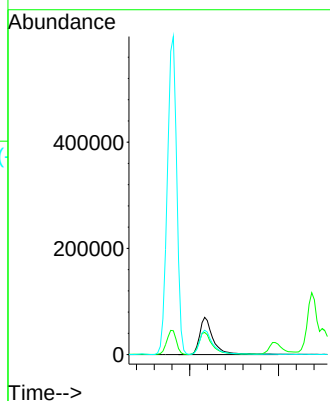
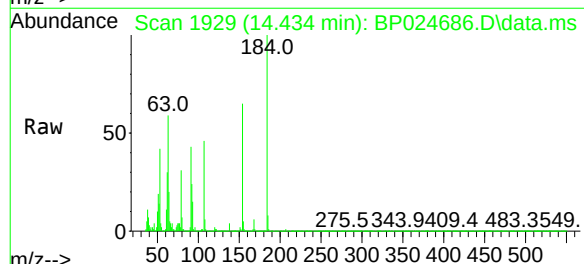
Tgt Ion:184 Resp: 147319

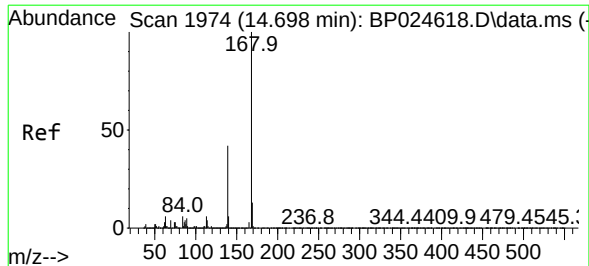
Ion Ratio Lower Upper

184 100

63 59.3 51.3 76.9

154 65.3 53.5 80.3





#55

Dibenzenofuran

Concen: 38.328 ng

RT: 14.704 min Scan# 19

Delta R.T. 0.006 min

Lab File: BP024686.D

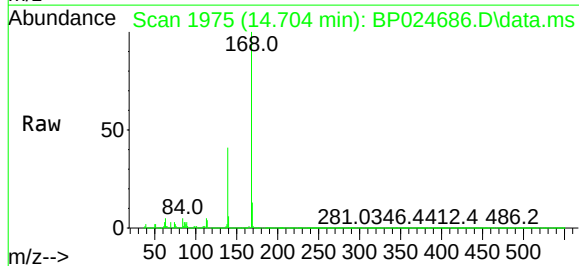
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



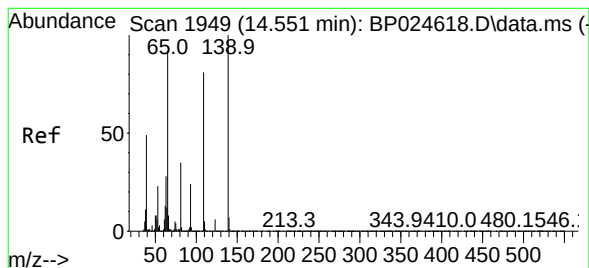
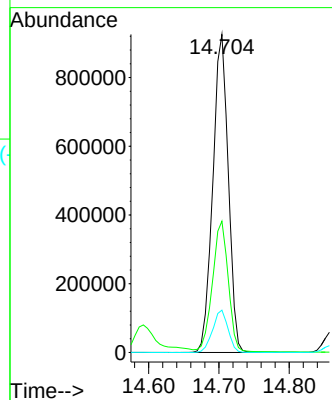
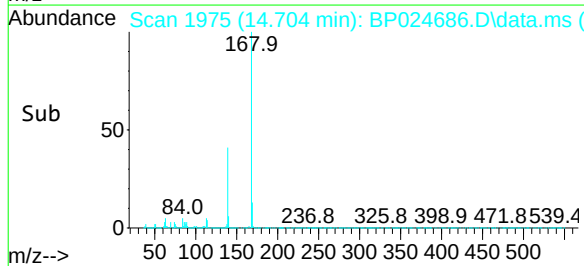
Tgt Ion:168 Resp: 1412131

Ion Ratio Lower Upper

168 100

139 41.3 34.2 51.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

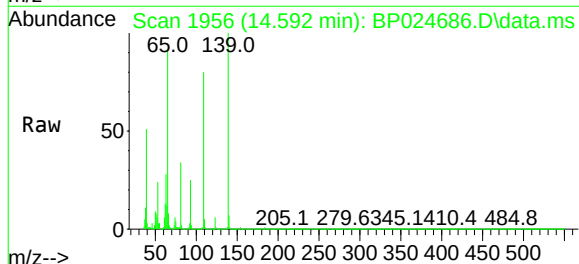
Concen: 33.400 ng

RT: 14.592 min Scan# 1956

Delta R.T. 0.041 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48



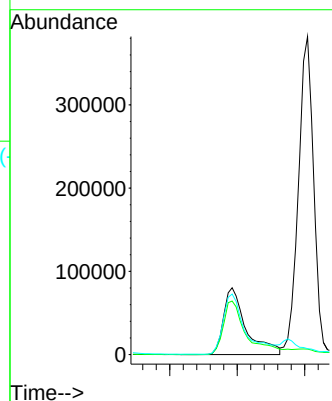
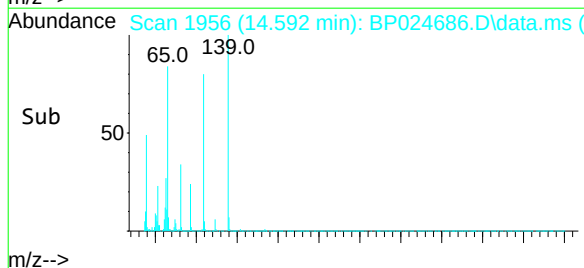
Tgt Ion:139 Resp: 186704

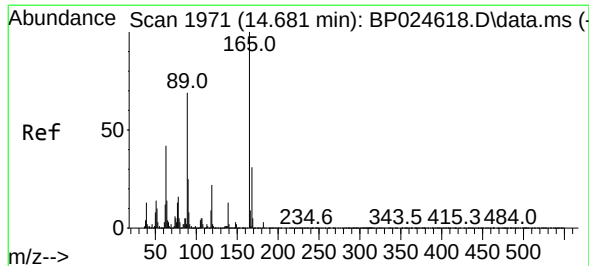
Ion Ratio Lower Upper

139 100

109 80.2 61.4 101.4

65 90.6 72.2 112.2





#57

2,4-Dinitrotoluene

Concen: 40.998 ng

RT: 14.675 min Scan# 19

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 396402

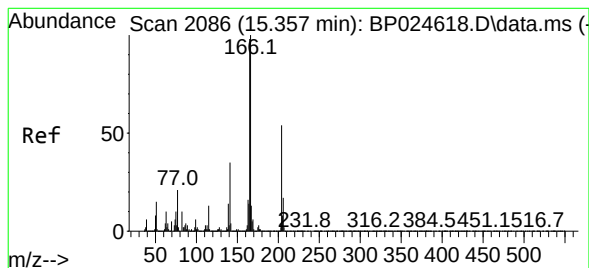
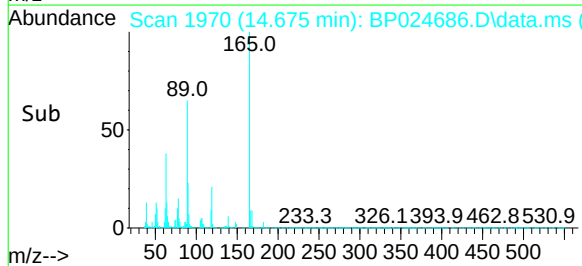
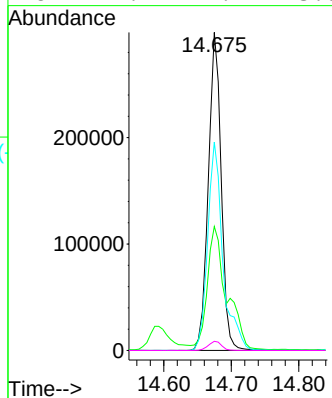
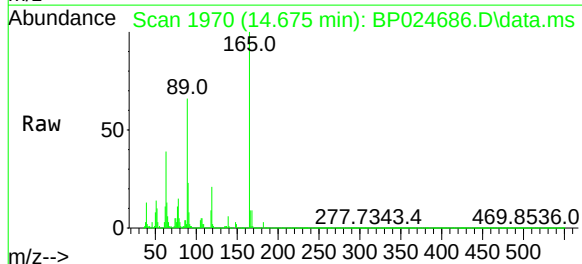
Ion Ratio Lower Upper

165 100

63 39.0 33.8 50.6

89 65.5 55.6 83.4

182 2.9 2.4 3.6



#58

Fluorene

Concen: 39.702 ng

RT: 15.363 min Scan# 2087

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

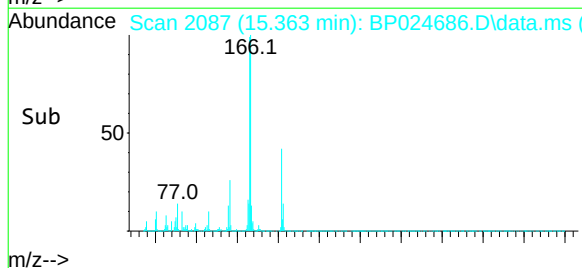
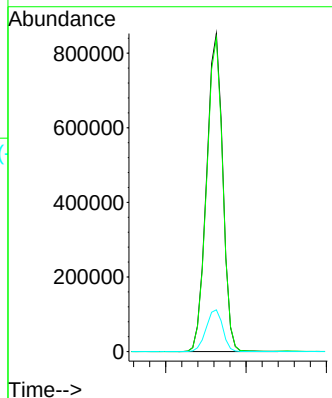
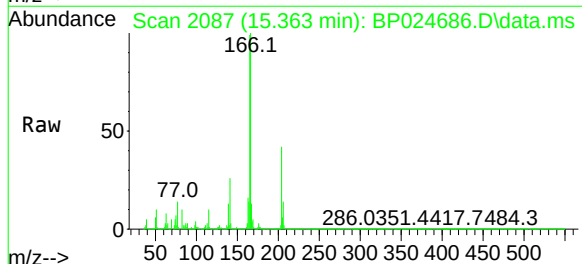
Tgt Ion:166 Resp: 1192750

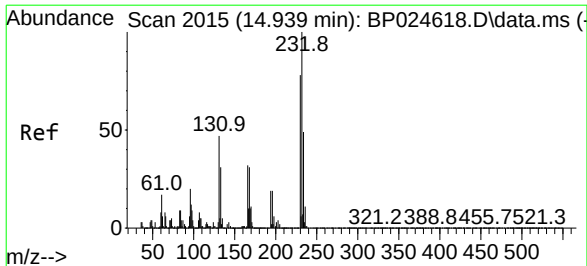
Ion Ratio Lower Upper

166 100

165 98.6 78.5 117.7

167 13.1 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.967 ng

RT: 14.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BP024686.D

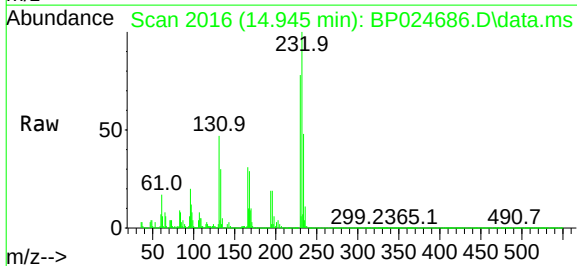
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:232 Resp: 330705

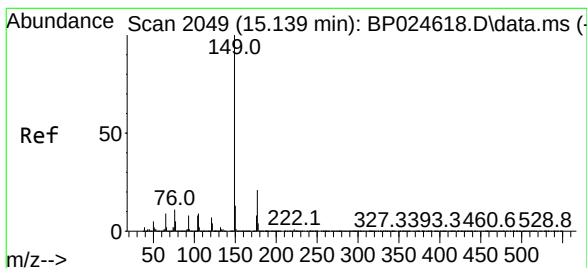
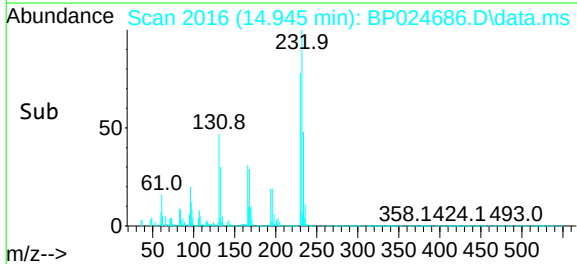
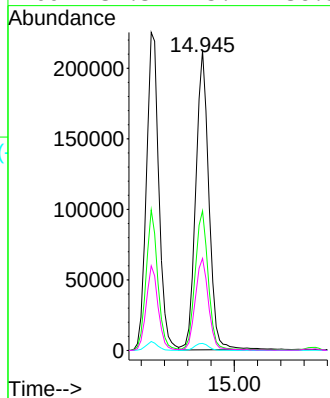
Ion Ratio Lower Upper

232 100

131 46.1 39.5 59.3

130 2.6 2.2 3.4

166 31.3 25.7 38.5



#60

Diethylphthalate

Concen: 38.807 ng

RT: 15.134 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

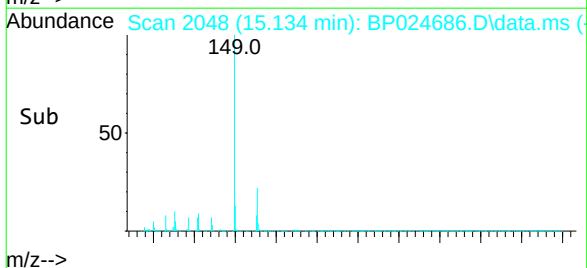
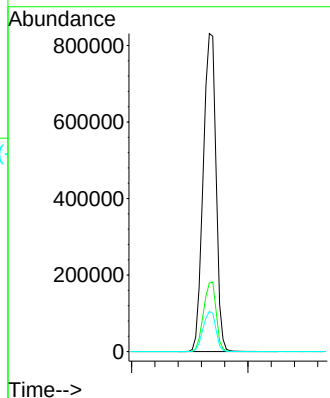
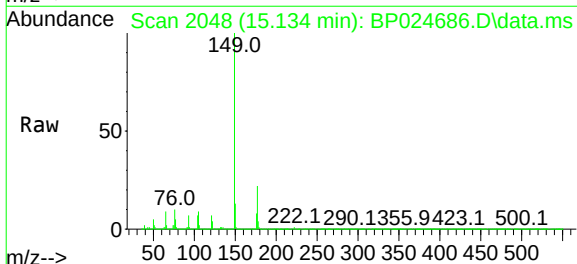
Tgt Ion:149 Resp: 1273676

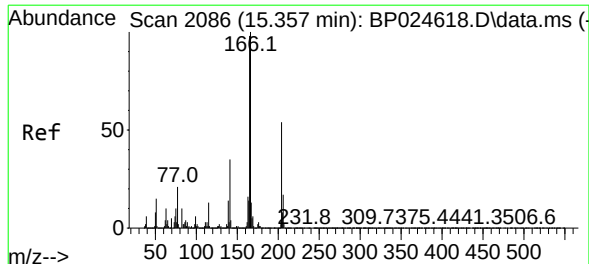
Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

150 12.6 10.2 15.2





#61

4-Chlorophenyl-phenylether

Concen: 39.337 ng

RT: 15.357 min Scan# 2086

Delta R.T. 0.000 min

Lab File: BP024686.D

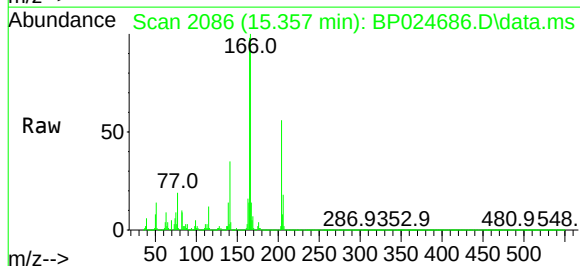
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



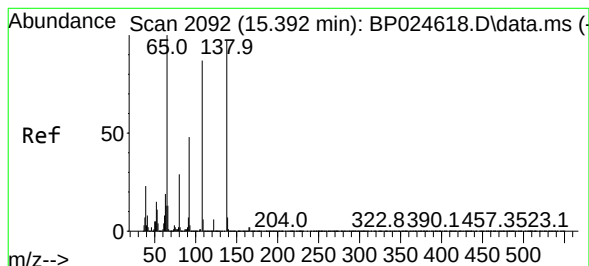
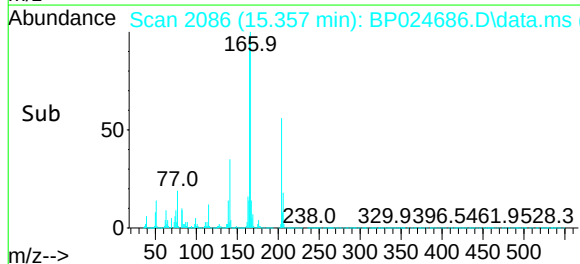
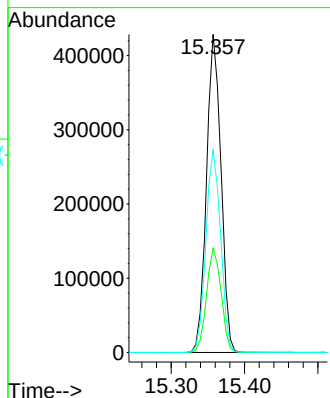
Tgt Ion:204 Resp: 589348

Ion Ratio Lower Upper

204 100

206 32.8 26.0 39.0

141 63.7 52.9 79.3



#62

4-Nitroaniline

Concen: 43.168 ng

RT: 15.398 min Scan# 2093

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

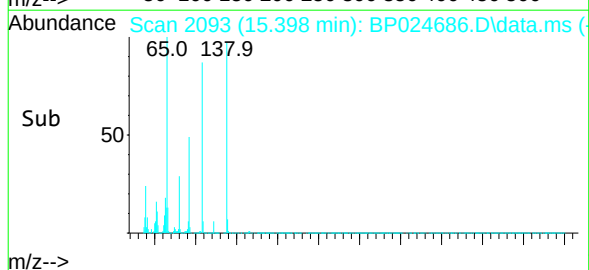
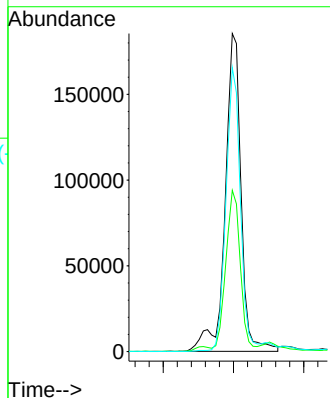
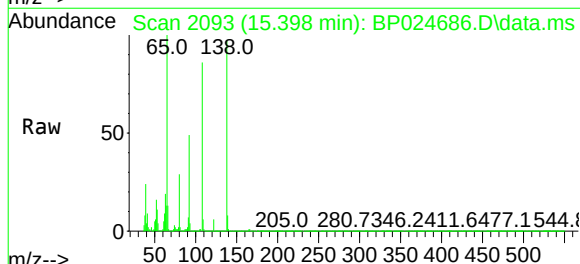
Tgt Ion:138 Resp: 291885

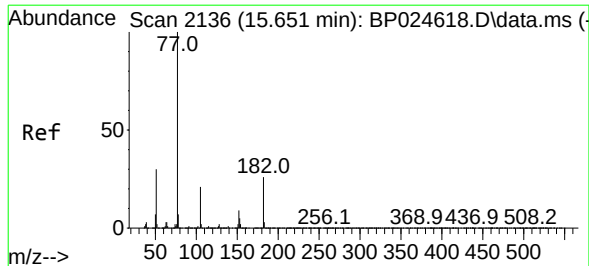
Ion Ratio Lower Upper

138 100

92 50.7 29.2 69.2

108 89.2 69.0 109.0





#63

Azobenzene

Concen: 37.169 ng

RT: 15.657 min Scan# 2136

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1043623

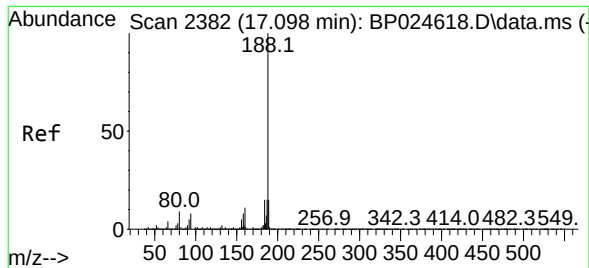
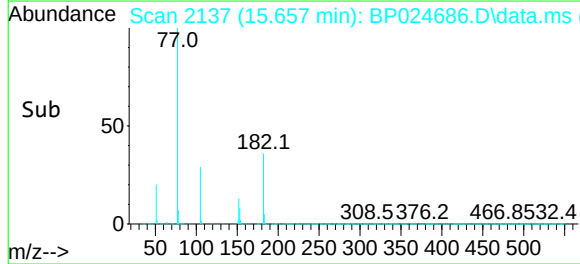
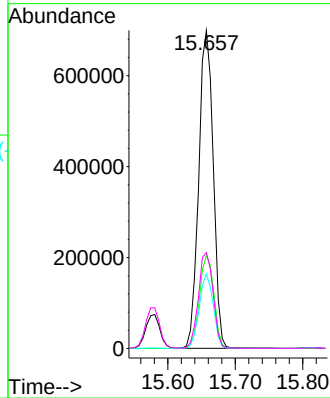
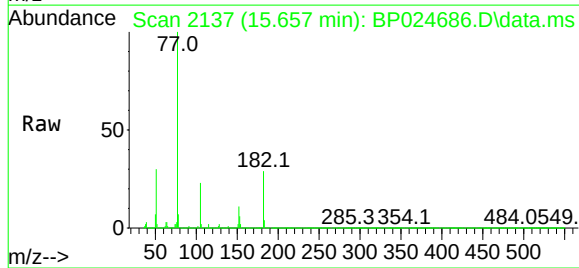
Ion Ratio Lower Upper

77 100

182 29.3 5.7 45.7

105 23.5 1.3 41.3

51 30.2 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 2381

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

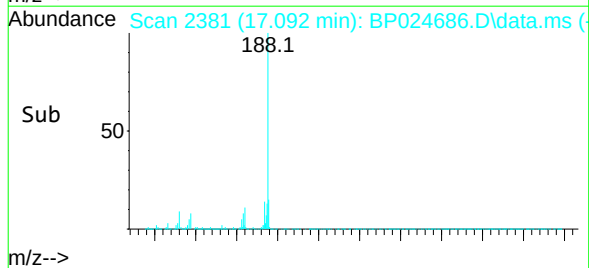
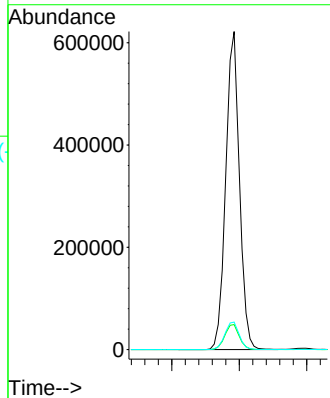
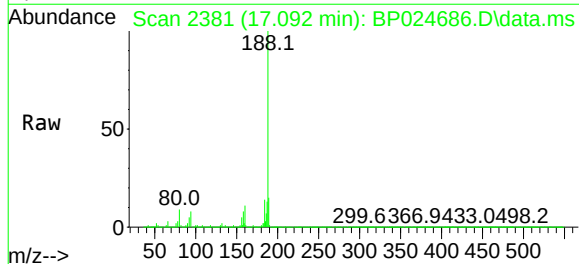
Tgt Ion: 188 Resp: 875686

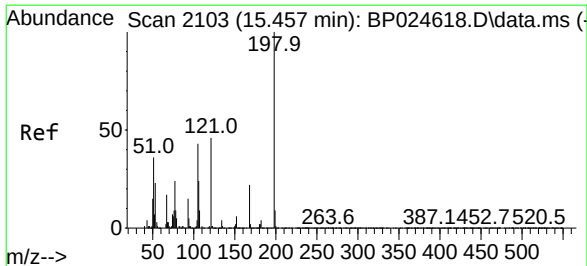
Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

80 8.6 7.3 10.9





#65

4,6-Dinitro-2-methylphenol

Concen: 40.900 ng

RT: 15.451 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BP024686.D

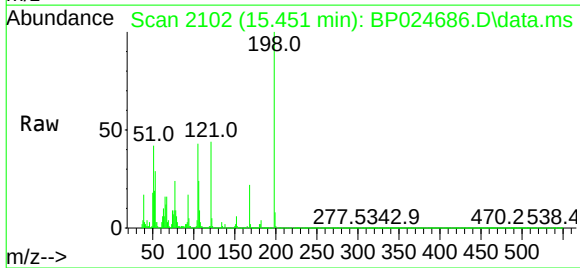
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



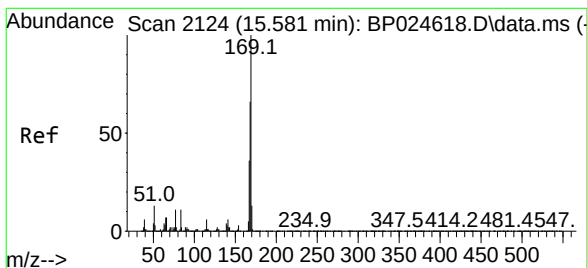
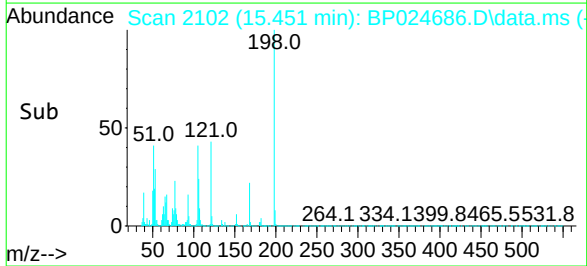
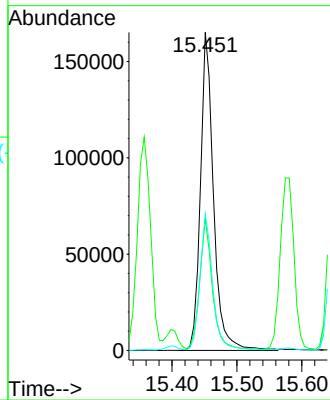
Tgt Ion:198 Resp: 231347

Ion Ratio Lower Upper

198 100

51 41.5 21.1 61.1

105 43.0 23.6 63.6



#66

n-Nitrosodiphenylamine

Concen: 38.112 ng

RT: 15.581 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

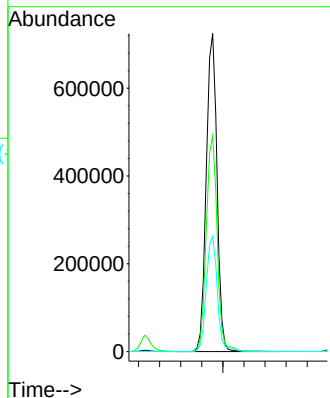
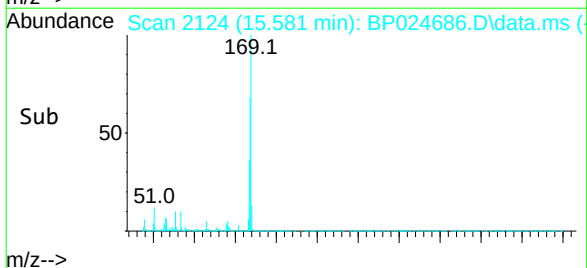
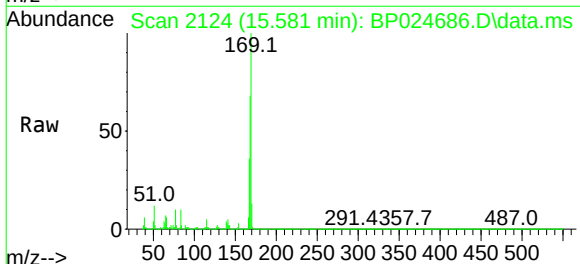
Tgt Ion:169 Resp: 1025110

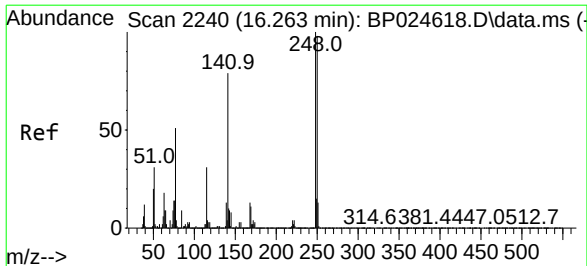
Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

167 36.3 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 39.191 ng

RT: 16.269 min Scan# 2240

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

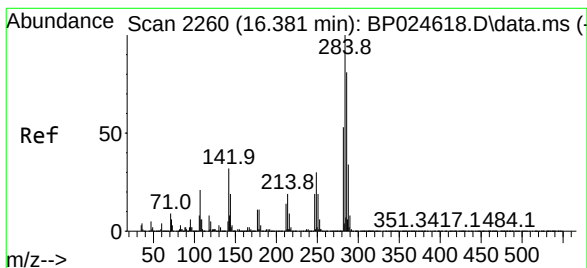
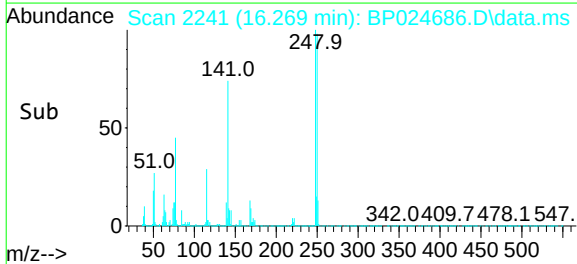
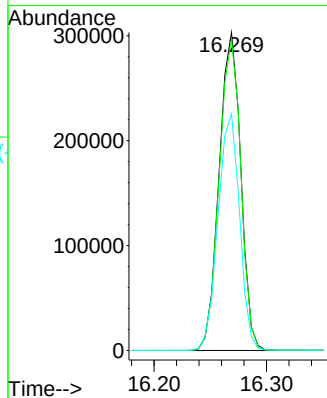
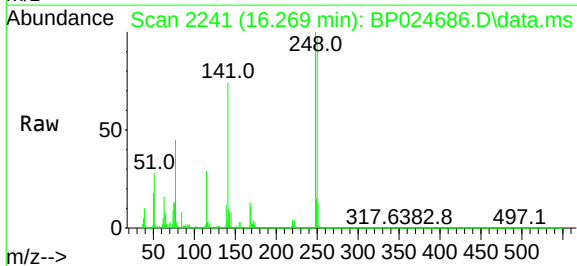
Tgt Ion:248 Resp: 404396

Ion Ratio Lower Upper

248 100

250 97.8 78.2 117.4

141 74.5 63.0 94.6



#68

Hexachlorobenzene

Concen: 39.386 ng

RT: 16.386 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

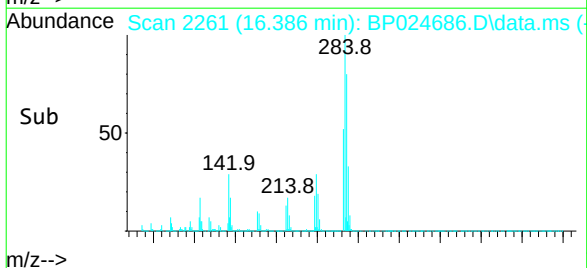
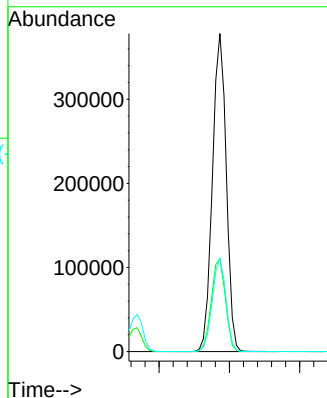
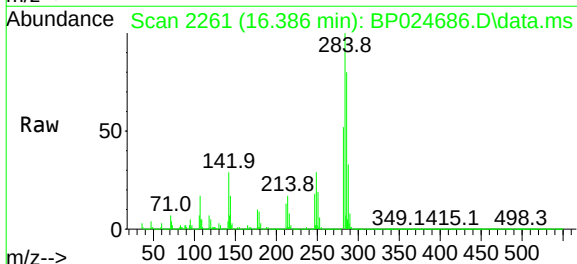
Tgt Ion:284 Resp: 516422

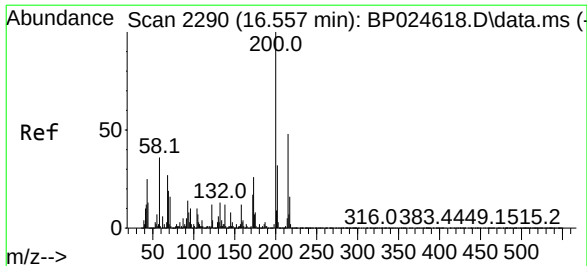
Ion Ratio Lower Upper

284 100

142 29.0 25.9 38.9

249 29.3 24.1 36.1





#69

Atrazine

Concen: 39.617 ng

RT: 16.551 min Scan# 22

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

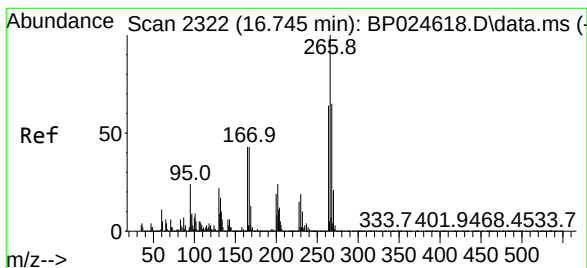
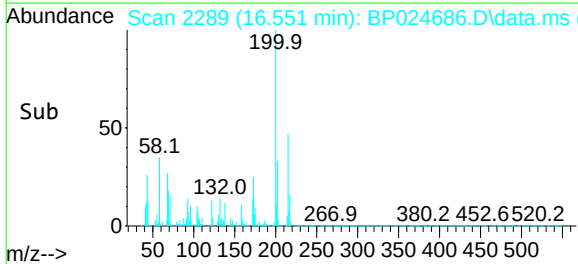
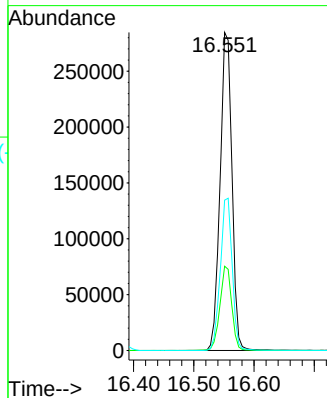
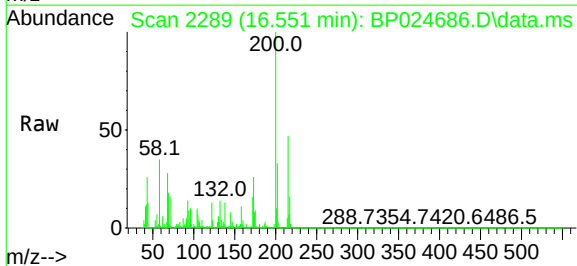
Tgt Ion:200 Resp: 390518

Ion Ratio Lower Upper

200 100

173 26.5 5.9 45.9

215 47.3 28.3 68.3



#70

Pentachlorophenol

Concen: 39.104 ng

RT: 16.751 min Scan# 2323

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

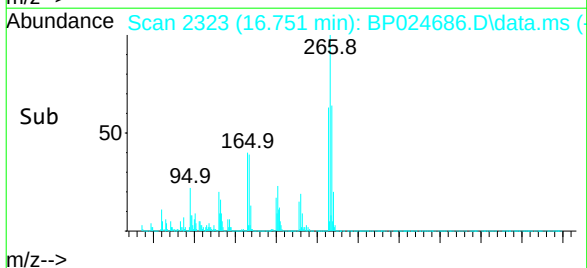
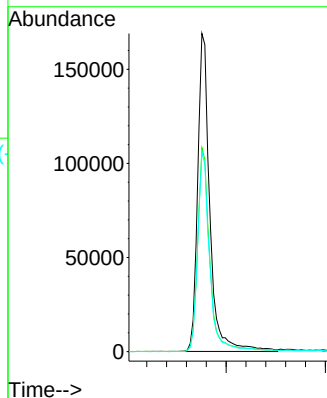
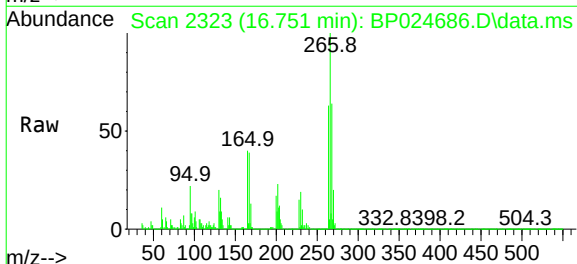
Tgt Ion:266 Resp: 287810

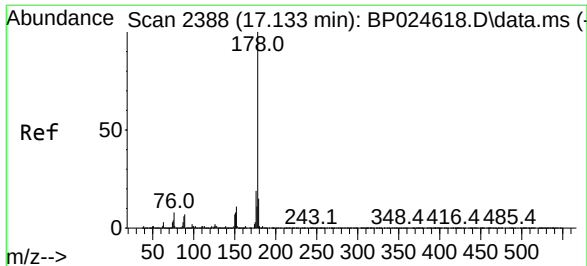
Ion Ratio Lower Upper

266 100

268 64.1 52.2 78.4

264 62.7 51.1 76.7





#71

Phenanthrene

Concen: 37.679 ng

RT: 17.139 min Scan# 2388

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

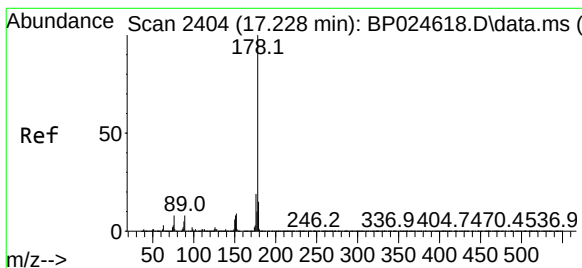
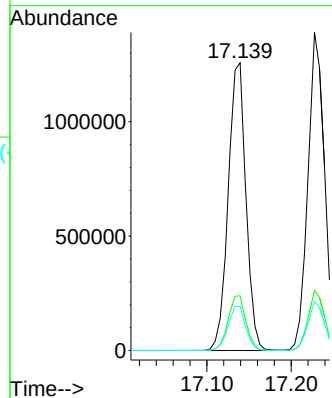
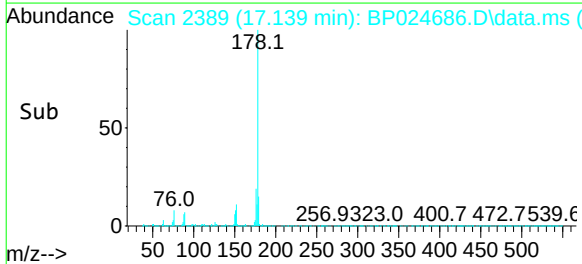
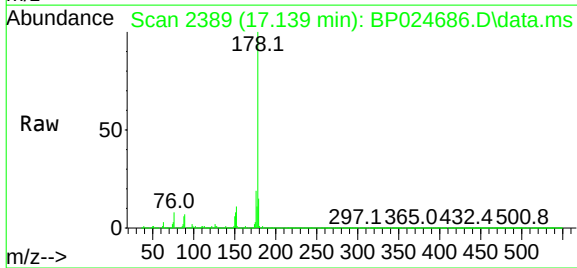
Tgt Ion:178 Resp: 1834222

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 38.768 ng

RT: 17.228 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

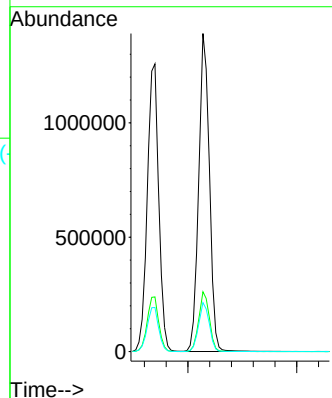
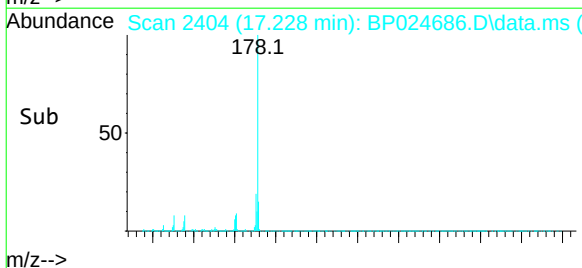
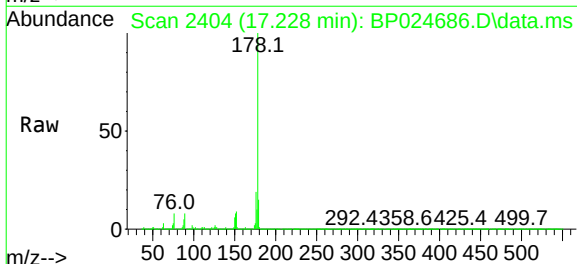
Tgt Ion:178 Resp: 1898802

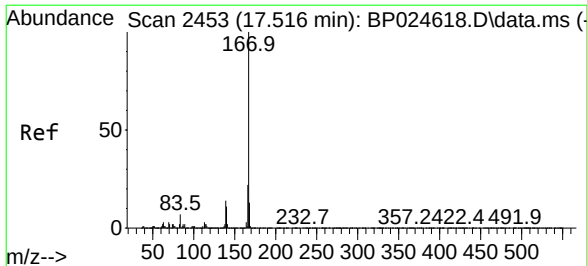
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.4 12.2 18.2





#73

Carbazole

Concen: 39.311 ng

RT: 17.522 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP024686.D

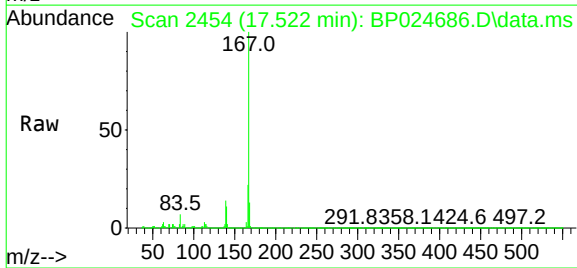
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



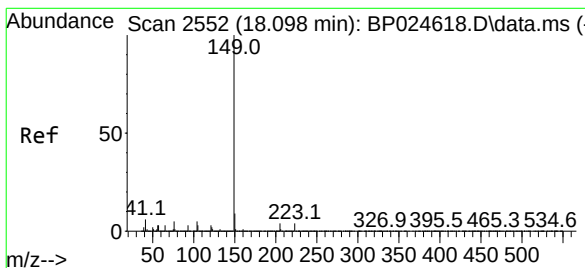
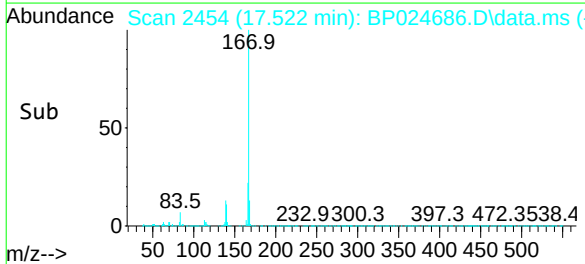
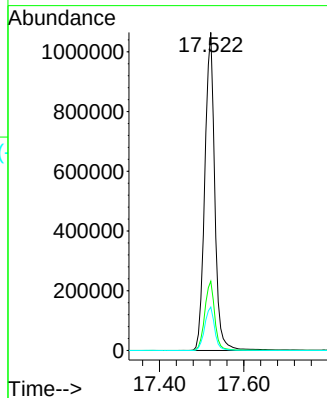
Tgt Ion:167 Resp: 1742661

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

139 13.7 11.3 16.9



#74

Di-n-butylphthalate

Concen: 38.591 ng

RT: 18.092 min Scan# 2551

Delta R.T. -0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

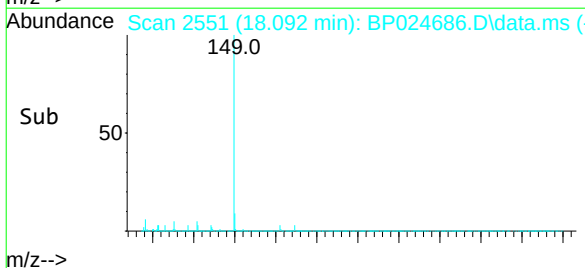
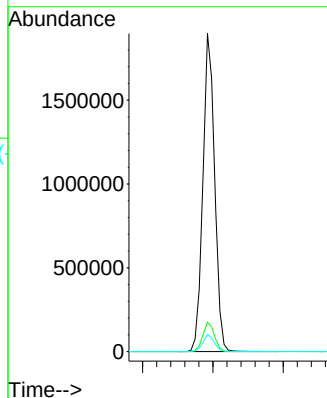
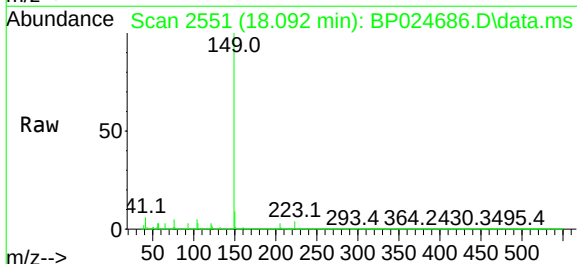
Tgt Ion:149 Resp: 2200144

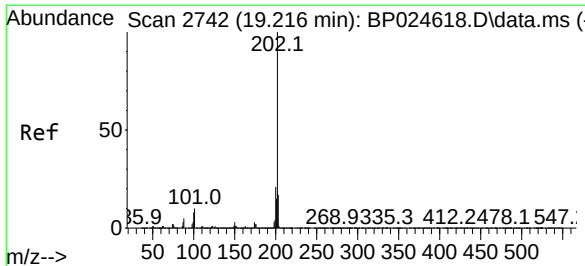
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 38.031 ng

RT: 19.222 min Scan# 2743

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

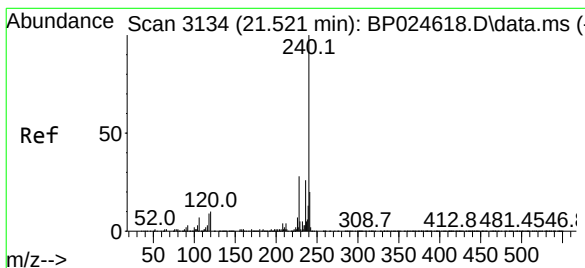
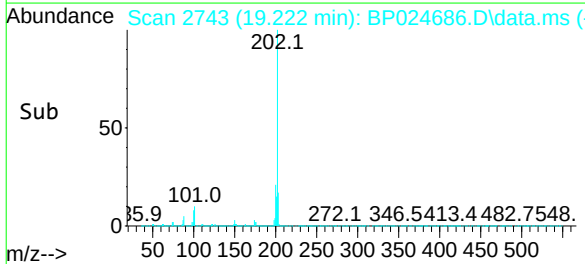
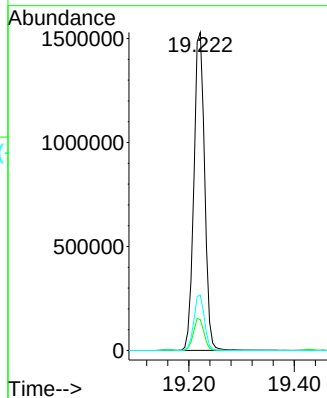
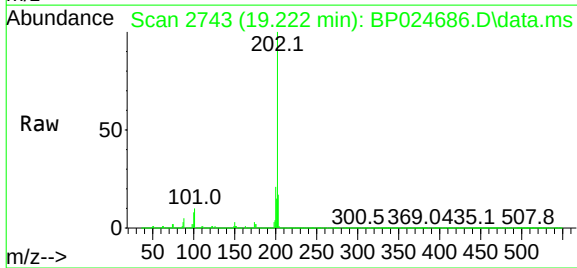
Tgt Ion:202 Resp: 2164114

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

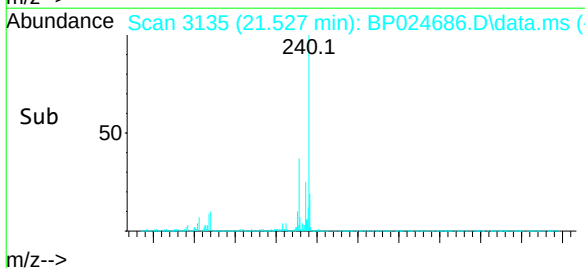
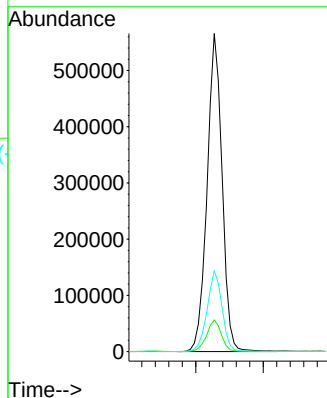
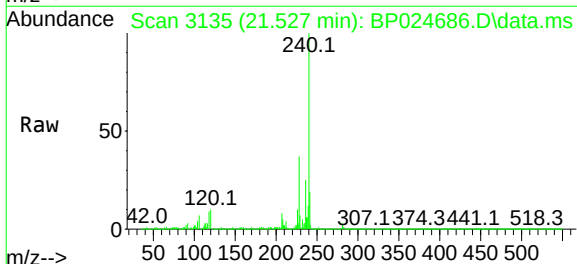
Tgt Ion:240 Resp: 872281

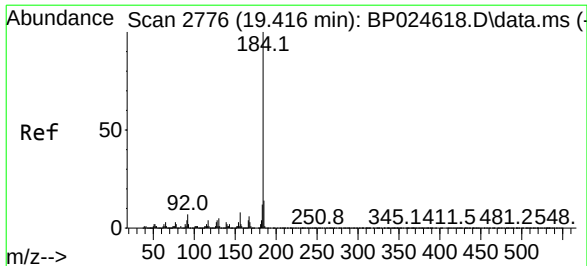
Ion Ratio Lower Upper

240 100

120 9.9 7.8 11.6

236 25.4 20.6 31.0





#77

Benzidine

Concen: 43.749 ng

RT: 19.427 min Scan# 27

Delta R.T. 0.011 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

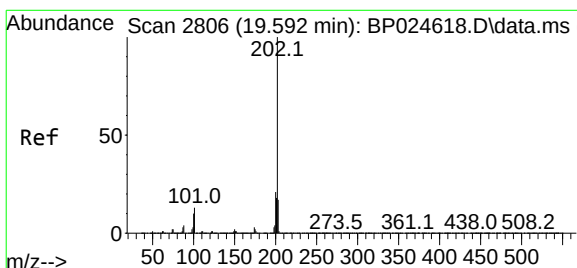
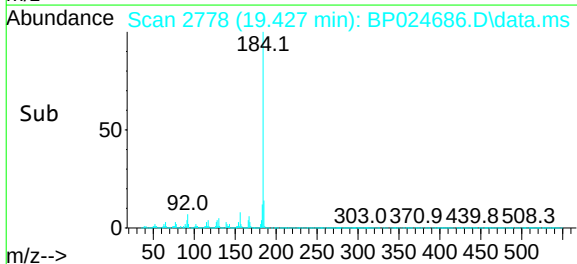
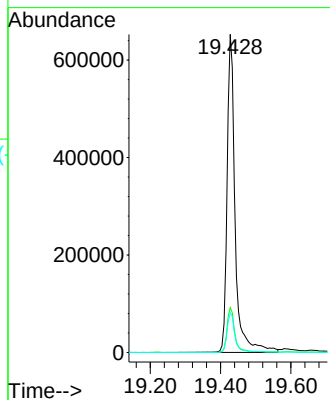
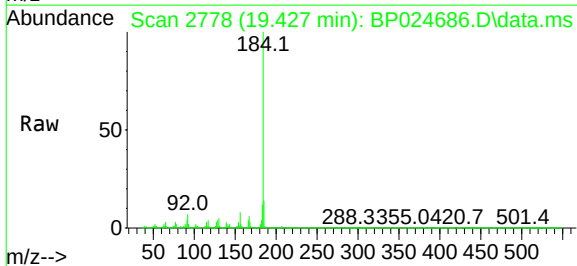
Tgt Ion:184 Resp: 1039374

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 12.5 9.8 14.8



#78

Pyrene

Concen: 42.107 ng

RT: 19.598 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

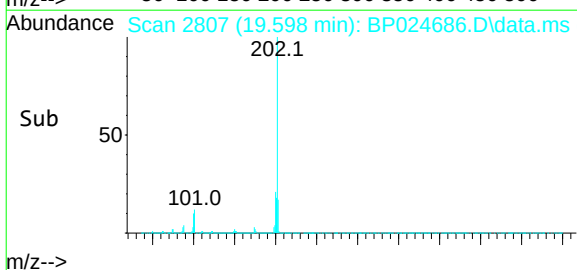
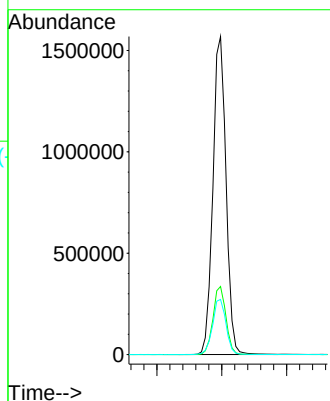
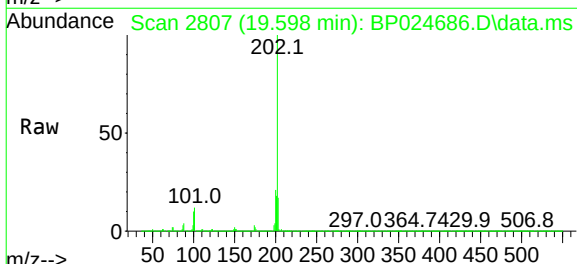
Tgt Ion:202 Resp: 2200729

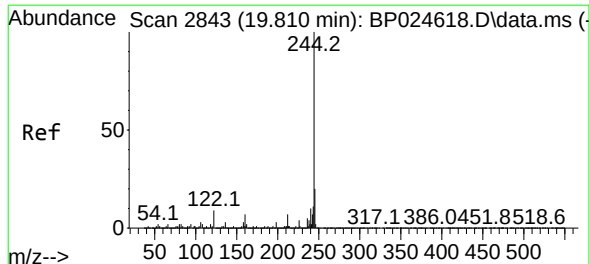
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 86.330 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

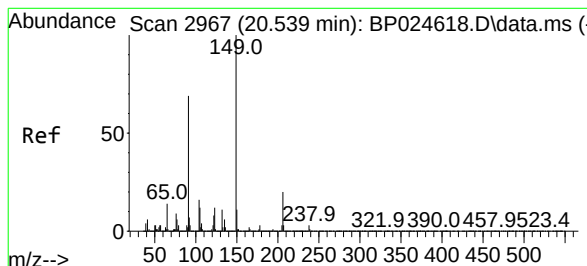
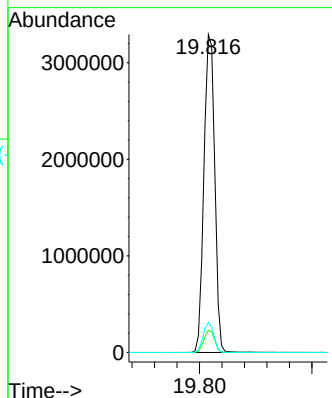
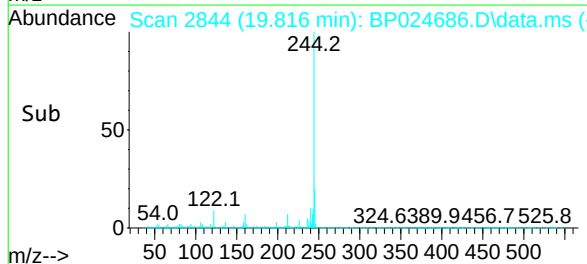
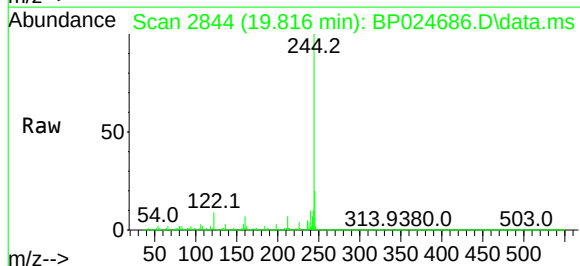
Tgt Ion:244 Resp: 4391709

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.4 7.4 11.0



#80

Butylbenzylphthalate

Concen: 42.806 ng

RT: 20.545 min Scan# 2968

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

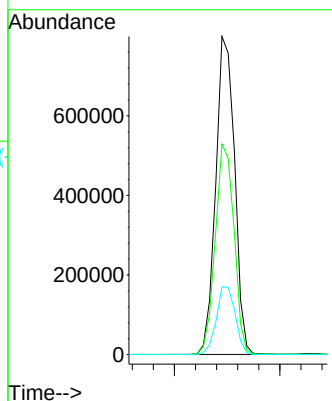
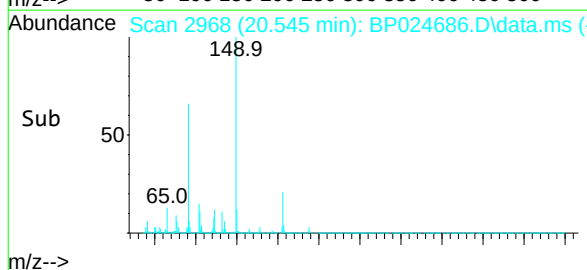
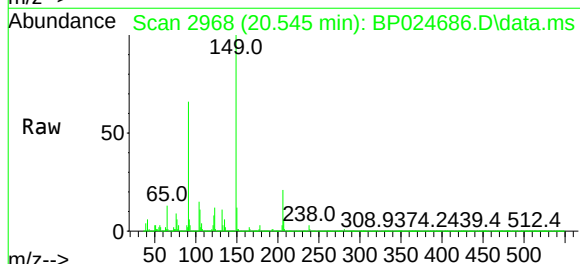
Tgt Ion:149 Resp: 994991

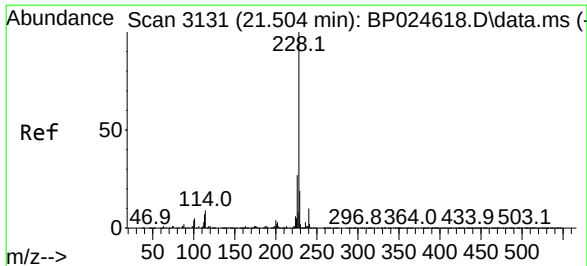
Ion Ratio Lower Upper

149 100

91 66.2 55.4 83.0

206 21.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 39.294 ng

RT: 21.510 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

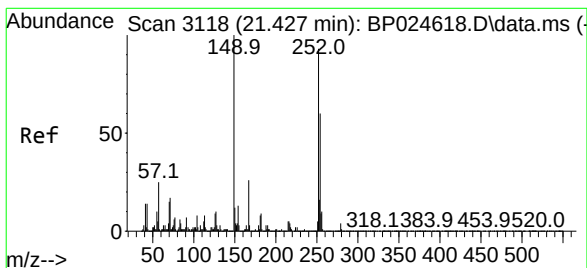
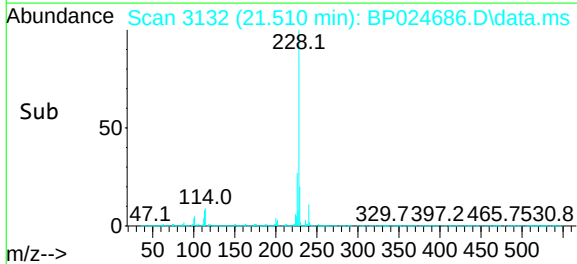
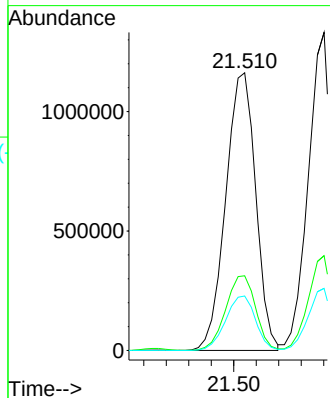
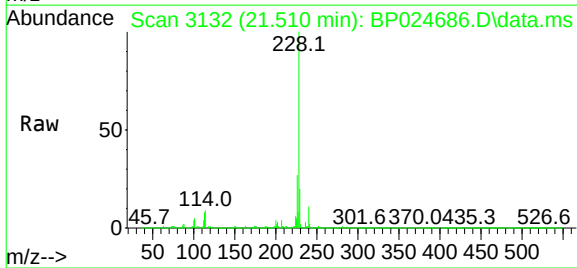
Tgt Ion:228 Resp: 2152203

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 38.984 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

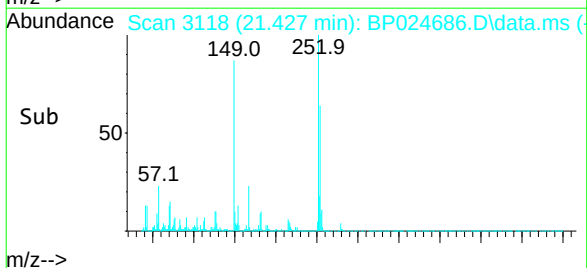
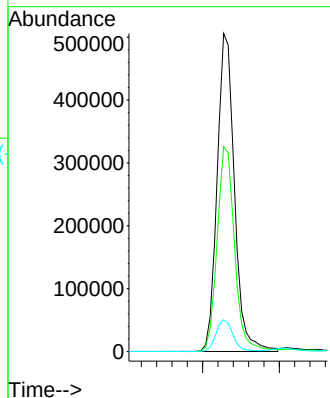
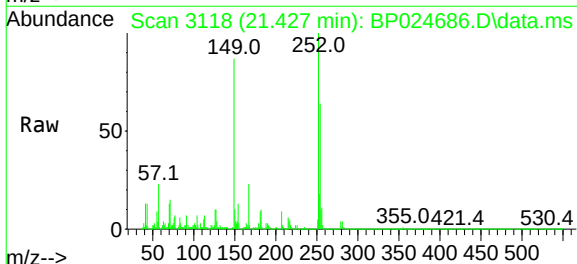
Tgt Ion:252 Resp: 793072

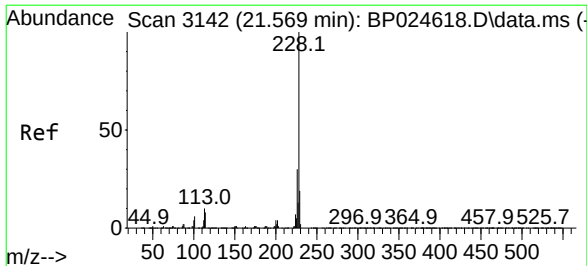
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 10.0 7.7 11.5





#83

Chrysene

Concen: 38.624 ng

RT: 21.580 min Scan# 3142

Delta R.T. 0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

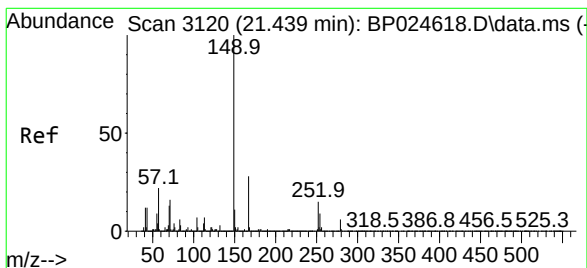
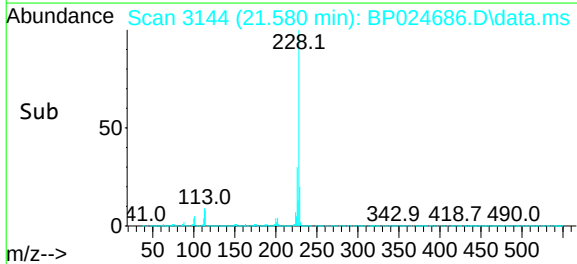
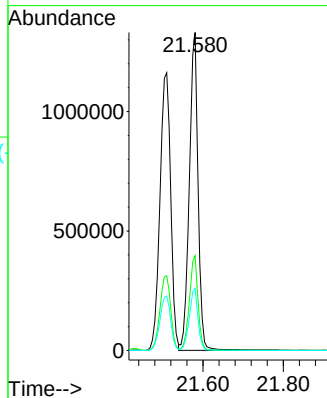
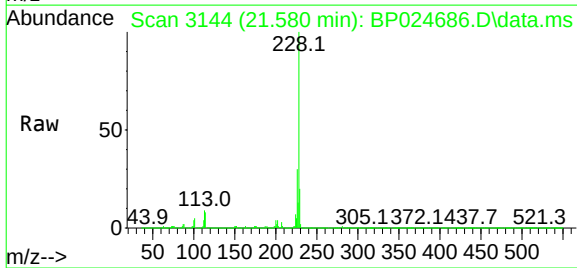
Tgt Ion:228 Resp: 2005387

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.421 ng

RT: 21.439 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

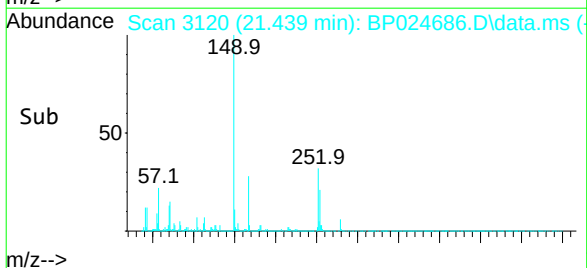
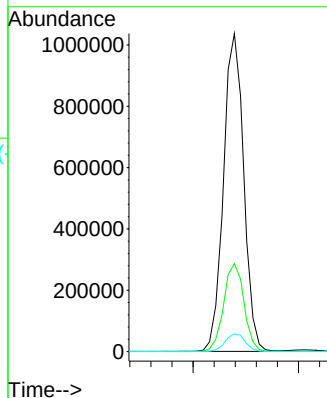
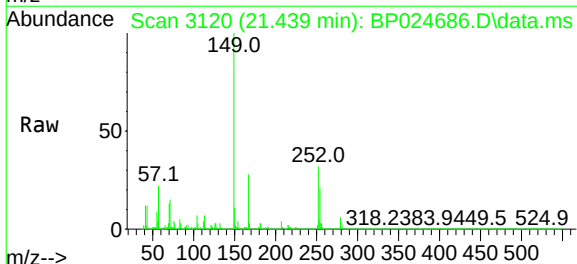
Tgt Ion:149 Resp: 1380988

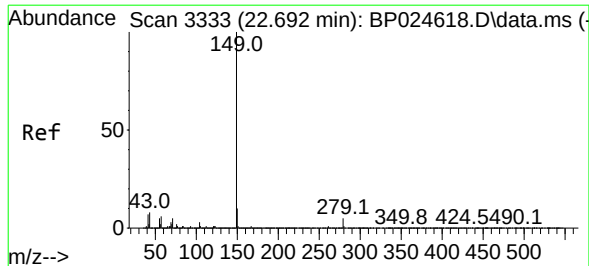
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 36.228 ng

RT: 22.692 min Scan# 3333

Delta R.T. 0.000 min

Lab File: BP024686.D

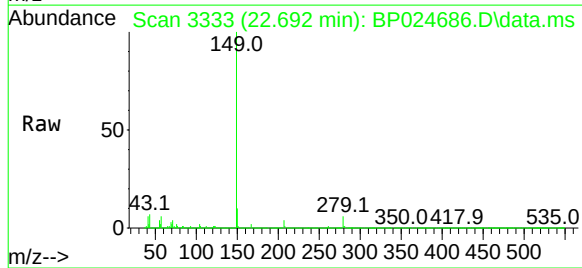
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



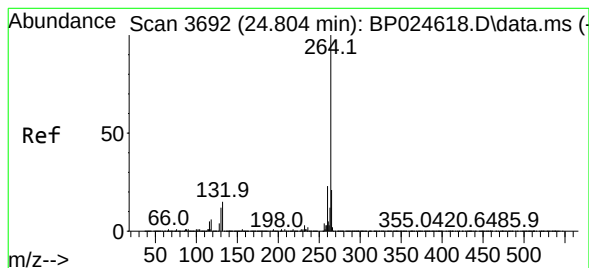
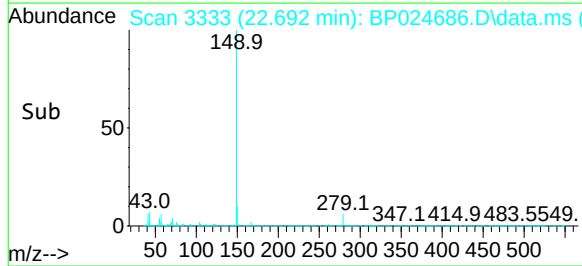
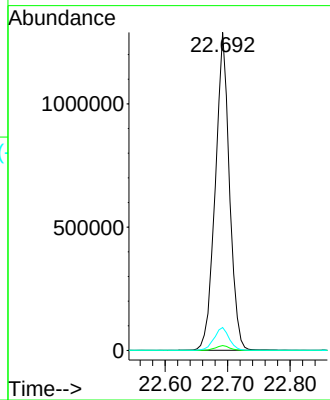
Tgt Ion:149 Resp: 2024055

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

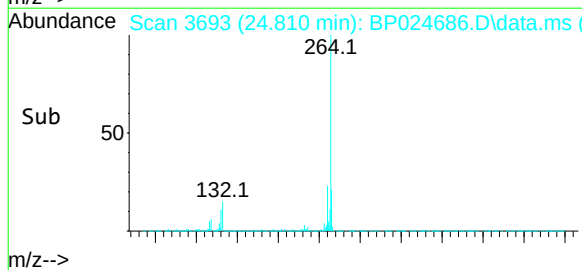
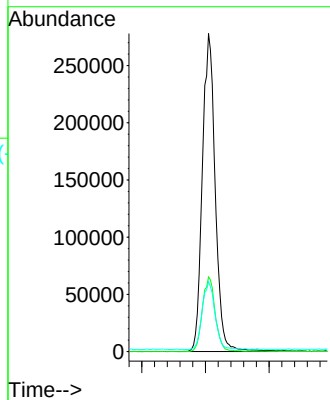
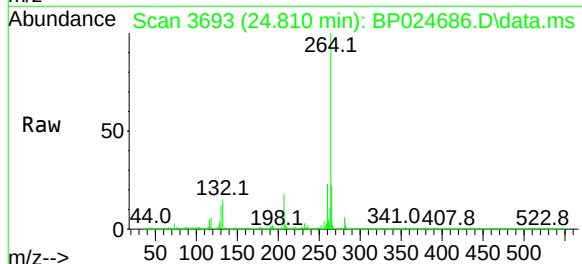
Tgt Ion:264 Resp: 779874

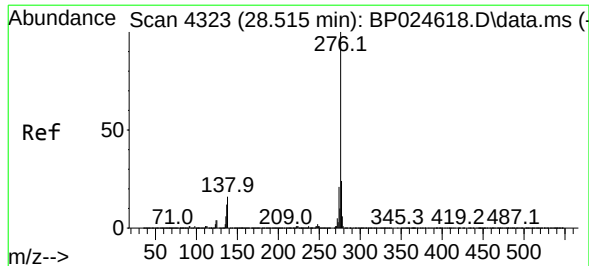
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.188 ng

RT: 28.527 min Scan# 43

Delta R.T. 0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

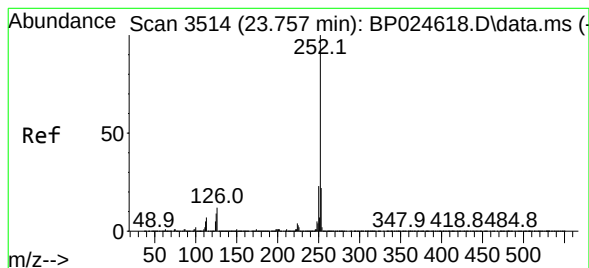
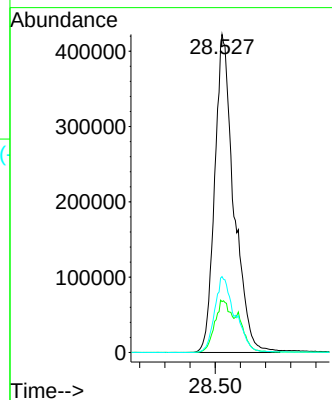
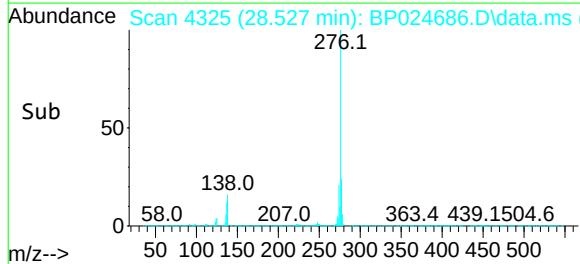
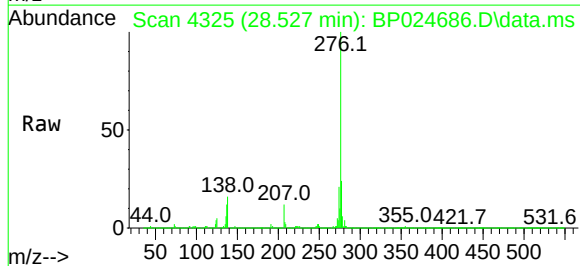
BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 2231204

Ion	Ratio	Lower	Upper
276	100		
138	14.1	11.2	16.8
277	25.4	15.7	23.5



#88

Benzo(b)fluoranthene

Concen: 40.762 ng

RT: 23.768 min Scan# 3516

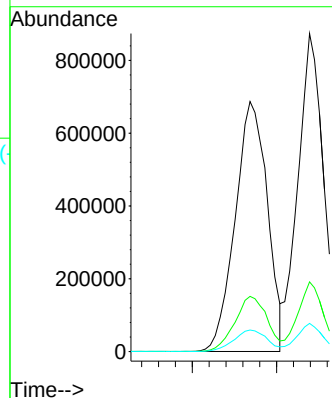
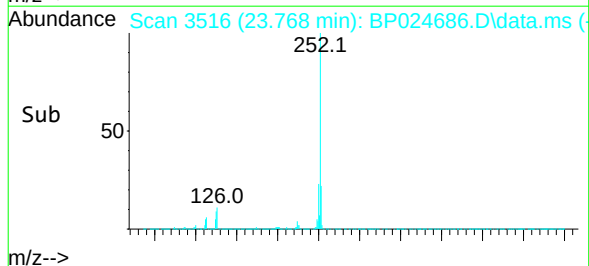
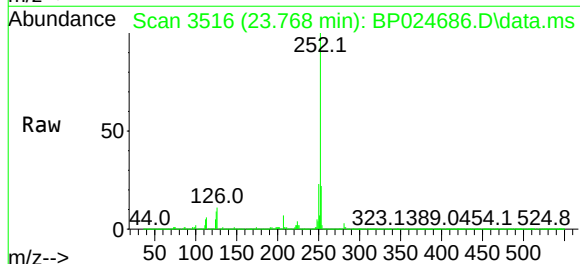
Delta R.T. 0.012 min

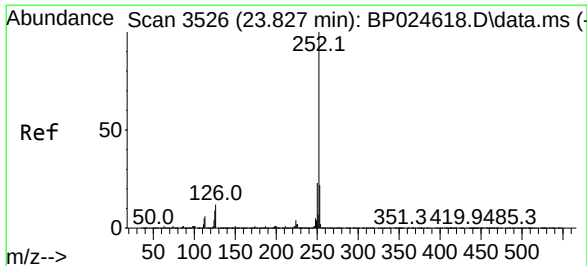
Lab File: BP024686.D

Acq: 19 May 2025 12:48

Tgt Ion:252 Resp: 1819580

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.6	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 40.822 ng

RT: 23.839 min Scan# 3526

Delta R.T. 0.012 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

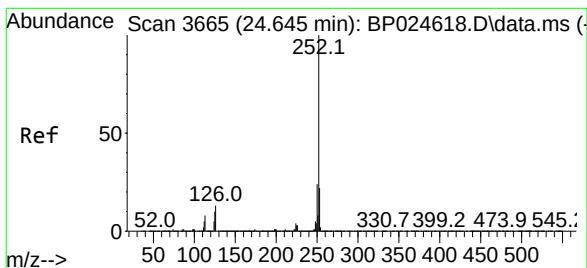
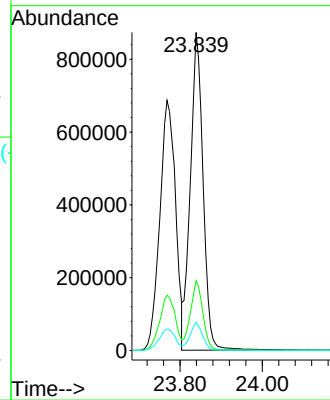
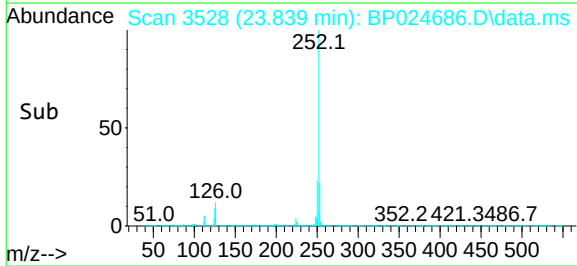
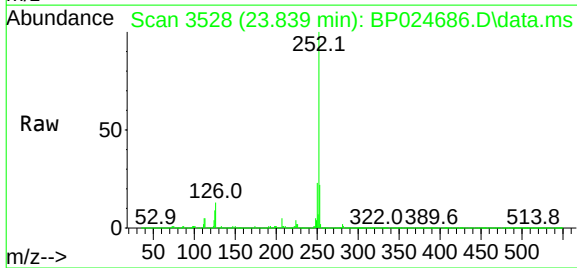
Tgt Ion:252 Resp: 1877708

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 8.9 7.0 10.4



#90

Benzo(a)pyrene

Concen: 39.731 ng

RT: 24.651 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

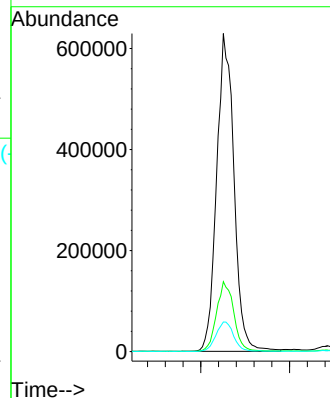
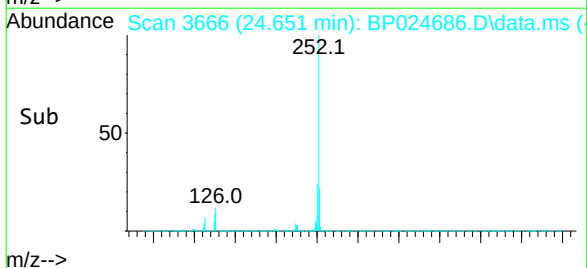
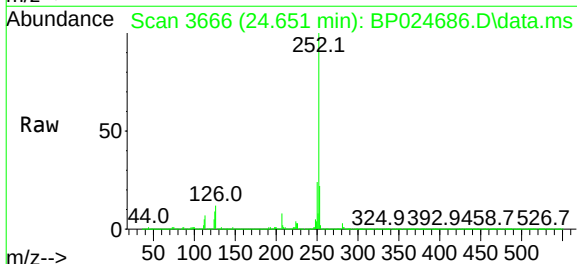
Tgt Ion:252 Resp: 1703325

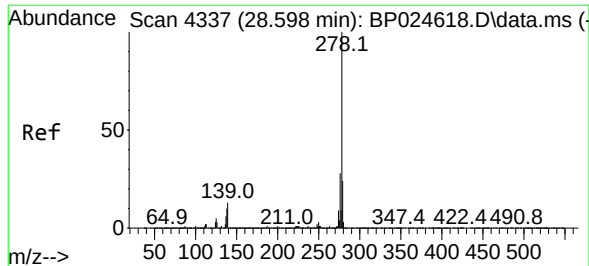
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.3 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 39.164 ng

RT: 28.592 min Scan# 4337

Delta R.T. -0.006 min

Lab File: BP024686.D

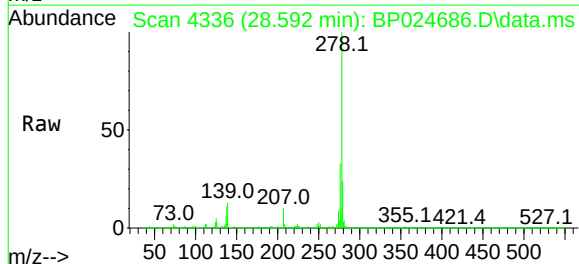
Acq: 19 May 2025 12:48

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



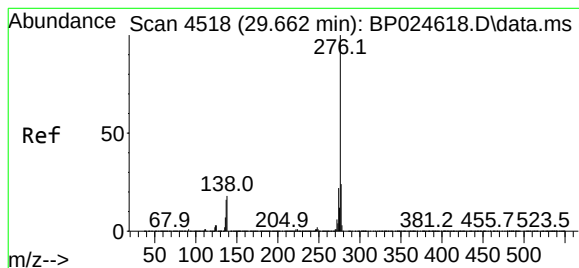
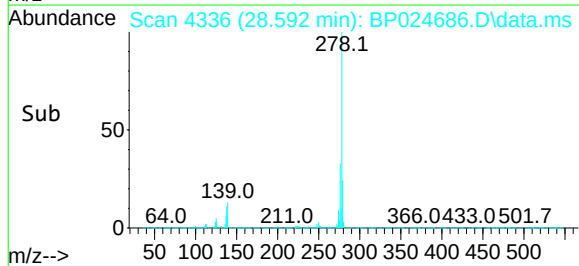
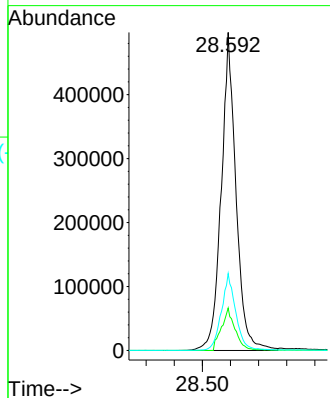
Tgt Ion:278 Resp: 1814035

Ion Ratio Lower Upper

278 100

139 13.4 10.2 15.4

279 24.2 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 39.120 ng

RT: 29.680 min Scan# 4521

Delta R.T. 0.018 min

Lab File: BP024686.D

Acq: 19 May 2025 12:48

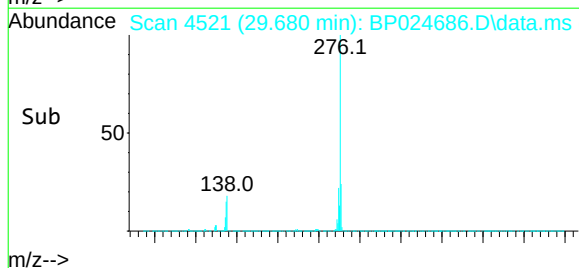
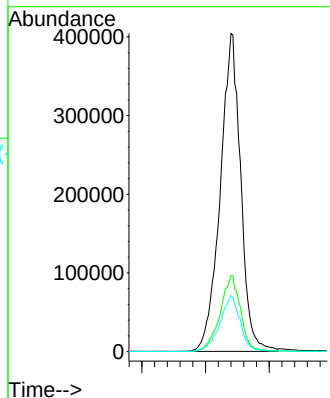
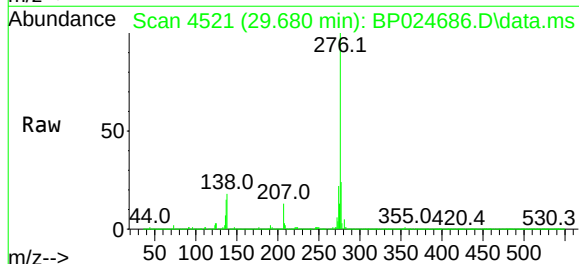
Tgt Ion:276 Resp: 1801944

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 17.6 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024686.D
 Acq On : 19 May 2025 12:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 19 14:38:00 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	123	0.00
2	1,4-Dioxane	0.549	0.489	10.9	119	0.00
3	Pyridine	1.218	1.176	3.4	121	0.00
4	n-Nitrosodimethylamine	0.538	0.499	7.2	119	0.00
5 S	2-Fluorophenol	1.169	1.150	1.6	128	0.00
6	Aniline	1.927	1.866	3.2	120	0.00
7 S	Phenol-d6	1.492	1.492	0.0	125	0.01
8	2-Chlorophenol	1.327	1.332	-0.4	126	0.00
9	Benzaldehyde	0.966	0.927	4.0	119	-0.01
10 C	Phenol	1.540	1.515	1.6	124	0.00
11	bis(2-Chloroethyl)ether	1.266	1.186	6.3	120	0.00
12	1,3-Dichlorobenzene	1.527	1.462	4.3	125	0.00
13 C	1,4-Dichlorobenzene	1.536	1.497	2.5	125	-0.01
14	1,2-Dichlorobenzene	1.497	1.436	4.1	124	0.00
15	Benzyl Alcohol	1.134	1.139	-0.4	122	0.00
16	2,2'-oxybis(1-Chloropropane	1.516	1.413	6.8	119	-0.01
17	2-Methylphenol	1.105	1.105	0.0	124	0.00
18	Hexachloroethane	0.589	0.544	7.6	122	0.00
19 P	n-Nitroso-di-n-propylamine	1.032	0.994	3.7	117	0.00
20	3+4-Methylphenols	1.503	1.498	0.3	122	0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	121	0.00
22	Acetophenone	0.500	0.474	5.2	119	0.00
23 S	Nitrobenzene-d5	0.396	0.371	6.3	117	0.00
24	Nitrobenzene	0.348	0.326	6.3	117	0.00
25	Isophorone	0.687	0.647	5.8	116	0.00
26 C	2-Nitrophenol	0.171	0.181	-5.8	127	-0.01
27	2,4-Dimethylphenol	0.301	0.303	-0.7	123	0.00
28	bis(2-Chloroethoxy)methane	0.410	0.382	6.8	115	0.00
29 C	2,4-Dichlorophenol	0.292	0.294	-0.7	122	0.01
30	1,2,4-Trichlorobenzene	0.329	0.317	3.6	125	0.00
31	Naphthalene	1.036	0.989	4.5	122	0.00
32	Benzoic acid	0.181	0.183	-1.1	115	0.02
33	4-Chloroaniline	0.418	0.426	-1.9	123	0.00
34 C	Hexachlorobutadiene	0.213	0.203	4.7	124	0.00
35	Caprolactam	0.106	0.109	-2.8	120	0.01
36 C	4-Chloro-3-methylphenol	0.356	0.352	1.1	119	0.02
37	2-Methylnaphthalene	0.671	0.648	3.4	122	0.00
38	1-Methylnaphthalene	0.718	0.689	4.0	120	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	118	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.581	0.567	2.4	121	0.00
41 P	Hexachlorocyclopentadiene	0.352	0.524	-48.9#	173#	0.00
42 S	2,4,6-Tribromophenol	0.339	0.350	-3.2	128	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.389	-3.5	123	0.00
44	2,4,5-Trichlorophenol	0.419	0.420	-0.2	122	0.02
45 S	2-Fluorobiphenyl	1.527	1.471	3.7	121	0.00
46	1,1'-Biphenyl	1.478	1.423	3.7	121	0.00
47	2-Chloronaphthalene	1.127	1.099	2.5	121	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024686.D
 Acq On : 19 May 2025 12:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 19 14:38:00 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	0.330	1.2	116	0.00
49	Acenaphthylene	1.886	1.814	3.8	118	0.00
50	Dimethylphthalate	1.524	1.431	6.1	116	0.00
51	2,6-Dinitrotoluene	0.322	0.314	2.5	118	-0.01
52 C	Acenaphthene	1.084	1.034	4.6	118	0.00
53	3-Nitroaniline	0.329	0.334	-1.5	115	0.00
54 P	2,4-Dinitrophenol	0.169	0.173	-2.4	118	0.00
55	Dibenzofuran	1.730	1.657	4.2	119	0.00
56 P	4-Nitrophenol	0.250	0.219	12.4	100	0.04
57	2,4-Dinitrotoluene	0.454	0.465	-2.4	120	0.00
58	Fluorene	1.410	1.400	0.7	123	0.00
59	2,3,4,6-Tetrachlorophenol	0.388	0.388	0.0	121	0.00
60	Diethylphthalate	1.541	1.495	3.0	122	0.00
61	4-Chlorophenyl-phenylether	0.703	0.692	1.6	124	0.00
62	4-Nitroaniline	0.317	0.343	-8.2	122	0.00
63	Azobenzene	1.318	1.225	7.1	115	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	122	0.00
65	4,6-Dinitro-2-methylphenol	0.129	0.132	-2.3	125	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.585	4.7	120	0.00
67	4-Bromophenyl-phenylether	0.236	0.231	2.1	125	0.00
68	Hexachlorobenzene	0.299	0.295	1.3	128	0.00
69	Atrazine	0.225	0.223	0.9	125	0.00
70 C	Pentachlorophenol	0.168	0.164	2.4	117	0.00
71	Phenanthrene	1.112	1.047	5.8	122	0.00
72	Anthracene	1.119	1.084	3.1	123	0.00
73	Carbazole	1.012	0.995	1.7	121	0.00
74	Di-n-butylphthalate	1.302	1.256	3.5	122	0.00
75 C	Fluoranthene	1.300	1.236	4.9	121	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	108	0.00
77	Benzidine	0.545	0.596	-9.4	115	0.01
78	Pyrene	1.198	1.261	-5.3	118	0.00
79 S	Terphenyl-d14	1.166	1.259	-8.0	120	0.00
80	Butylbenzylphthalate	0.533	0.570	-6.9	116	0.00
81	Benzo(a)anthracene	1.256	1.234	1.8	110	0.00
82	3,3'-Dichlorobenzidine	0.466	0.455	2.4	102	0.00
83	Chrysene	1.190	1.150	3.4	109	0.01
84	Bis(2-ethylhexyl)phthalate	0.783	0.792	-1.1	111	0.00
85 c	Di-n-octyl phthalate	1.281	1.160	9.4	98	0.00
86 I	Perylene-d12	1.000	1.000	0.0	84	0.00
87	Indeno(1,2,3-cd)pyrene	1.460	1.430	2.1	84	0.01
88	Benzo(b)fluoranthene	1.145	1.167	-1.9	89	0.01
89	Benzo(k)fluoranthene	1.180	1.204	-2.0	89	0.01
90 C	Benzo(a)pyrene	1.099	1.092	0.6	86	0.00
91	Dibenzo(a,h)anthracene	1.188	1.163	2.1	84	0.00
92	Benzo(g,h,i)perylene	1.181	1.155	2.2	84	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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\BP051925\
 Data File : BP024686.D
 Acq On : 19 May 2025 12:48
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 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	123	0.00
2	1,4-Dioxane	40.000	35.623	10.9	119	0.00
3	Pyridine	40.000	38.632	3.4	121	0.00
4	n-Nitrosodimethylamine	40.000	37.120	7.2	119	0.00
5 S	2-Fluorophenol	80.000	78.707	1.6	128	0.00
6	Aniline	40.000	38.734	3.2	120	0.00
7 S	Phenol-d6	80.000	79.989	0.0	125	0.01
8	2-Chlorophenol	40.000	40.131	-0.3	126	0.00
9	Benzaldehyde	40.000	38.364	4.1	119	-0.01
10 C	Phenol	40.000	39.330	1.7	124	0.00
11	bis(2-Chloroethyl)ether	40.000	37.469	6.3	120	0.00
12	1,3-Dichlorobenzene	40.000	38.293	4.3	125	0.00
13 C	1,4-Dichlorobenzene	40.000	38.977	2.6	125	-0.01
14	1,2-Dichlorobenzene	40.000	38.385	4.0	124	0.00
15	Benzyl Alcohol	40.000	40.159	-0.4	122	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.300	6.8	119	-0.01
17	2-Methylphenol	40.000	40.012	-0.0	124	0.00
18	Hexachloroethane	40.000	36.970	7.6	122	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.513	3.7	117	0.00
20	3+4-Methylphenols	40.000	39.884	0.3	122	0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	121	0.00
22	Acetophenone	40.000	37.987	5.0	119	0.00
23 S	Nitrobenzene-d5	80.000	74.927	6.3	117	0.00
24	Nitrobenzene	40.000	37.468	6.3	117	0.00
25	Isophorone	40.000	37.667	5.8	116	0.00
26 C	2-Nitrophenol	40.000	42.398	-6.0	127	-0.01
27	2,4-Dimethylphenol	40.000	40.297	-0.7	123	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.241	6.9	115	0.00
29 C	2,4-Dichlorophenol	40.000	40.391	-1.0	122	0.01
30	1,2,4-Trichlorobenzene	40.000	38.526	3.7	125	0.00
31	Naphthalene	40.000	38.183	4.5	122	0.00
32	Benzoic acid	40.000	36.998	7.5	115	0.02
33	4-Chloroaniline	40.000	40.734	-1.8	123	0.00
34 C	Hexachlorobutadiene	40.000	38.199	4.5	124	0.00
35	Caprolactam	40.000	41.294	-3.2	120	0.01
36 C	4-Chloro-3-methylphenol	40.000	39.617	1.0	119	0.02
37	2-Methylnaphthalene	40.000	38.634	3.4	122	0.00
38	1-Methylnaphthalene	40.000	38.361	4.1	120	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	118	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	39.044	2.4	121	0.00
41 P	Hexachlorocyclopentadiene	40.000	59.472	-48.7#	173	0.00
42 S	2,4,6-Tribromophenol	80.000	82.620	-3.3	128	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.398	-3.5	123	0.00
44	2,4,5-Trichlorophenol	40.000	40.168	-0.4	122	0.02
45 S	2-Fluorobiphenyl	80.000	77.102	3.6	121	0.00
46	1,1'-Biphenyl	40.000	38.494	3.8	121	0.00
47	2-Chloronaphthalene	40.000	39.009	2.5	121	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024686.D
 Acq On : 19 May 2025 12:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 19 14:38:00 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	39.564	1.1	116	0.00
49	Acenaphthylene	40.000	38.478	3.8	118	0.00
50	Dimethylphthalate	40.000	37.553	6.1	116	0.00
51	2,6-Dinitrotoluene	40.000	38.993	2.5	118	-0.01
52 C	Acenaphthene	40.000	38.138	4.7	118	0.00
53	3-Nitroaniline	40.000	40.635	-1.6	115	0.00
54 P	2,4-Dinitrophenol	40.000	37.740	5.6	118	0.00
55	Dibenzofuran	40.000	38.328	4.2	119	0.00
56 P	4-Nitrophenol	40.000	33.400	16.5	100	0.04
57	2,4-Dinitrotoluene	40.000	40.998	-2.5	120	0.00
58	Fluorene	40.000	39.702	0.7	123	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.967	0.1	121	0.00
60	Diethylphthalate	40.000	38.807	3.0	122	0.00
61	4-Chlorophenyl-phenylether	40.000	39.337	1.7	124	0.00
62	4-Nitroaniline	40.000	43.168	-7.9	122	0.00
63	Azobenzene	40.000	37.169	7.1	115	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	122	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.900	-2.2	125	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.112	4.7	120	0.00
67	4-Bromophenyl-phenylether	40.000	39.191	2.0	125	0.00
68	Hexachlorobenzene	40.000	39.386	1.5	128	0.00
69	Atrazine	40.000	39.617	1.0	125	0.00
70 C	Pentachlorophenol	40.000	39.104	2.2	117	0.00
71	Phenanthrene	40.000	37.679	5.8	122	0.00
72	Anthracene	40.000	38.768	3.1	123	0.00
73	Carbazole	40.000	39.311	1.7	121	0.00
74	Di-n-butylphthalate	40.000	38.591	3.5	122	0.00
75 C	Fluoranthene	40.000	38.031	4.9	121	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	108	0.00
77	Benzidine	40.000	43.749	-9.4	115	0.01
78	Pyrene	40.000	42.107	-5.3	118	0.00
79 S	Terphenyl-d14	80.000	86.330	-7.9	120	0.00
80	Butylbenzylphthalate	40.000	42.806	-7.0	116	0.00
81	Benzo(a)anthracene	40.000	39.294	1.8	110	0.00
82	3,3'-Dichlorobenzidine	40.000	38.984	2.5	102	0.00
83	Chrysene	40.000	38.624	3.4	109	0.01
84	Bis(2-ethylhexyl)phthalate	40.000	40.421	-1.1	111	0.00
85 c	Di-n-octyl phthalate	40.000	36.228	9.4	98	0.00
86 I	Perylene-d12	20.000	20.000	0.0	84	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.188	2.0	84	0.01
88	Benzo(b)fluoranthene	40.000	40.762	-1.9	89	0.01
89	Benzo(k)fluoranthene	40.000	40.822	-2.1	89	0.01
90 C	Benzo(a)pyrene	40.000	39.731	0.7	86	0.00
91	Dibenzo(a,h)anthracene	40.000	39.164	2.1	84	0.00
92	Benzo(g,h,i)perylene	40.000	39.120	2.2	84	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024686.D
Acq On : 19 May 2025 12:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 19 14:38:00 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.: Q2033 SAS No.: Q2033 SDG No.: Q2033

Instrument ID: BNA_P Calibration Date/Time: 05/20/2025 11:52

Lab File ID: BP024703.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	1.129		-3.4	
Phenol-d6	1.492	1.410		-5.5	
Phenol	1.540	1.418		-7.9	20.0
1,4-Dichlorobenzene	1.536	1.463		-4.8	20.0
Nitrobenzene-d5	0.396	0.375		-5.3	
1,2,4-Trichlorobenzene	0.329	0.327		-0.6	
Naphthalene	1.036	0.995		-4.0	
2-Fluorobiphenyl	1.527	1.512		-1.0	
2,4,6-Tribromophenol	0.339	0.348		2.7	
Terphenyl-d14	1.166	1.167		0.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024703.D
 Acq On : 20 May 2025 11:52
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 20 12:59:30 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	123667	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	504753	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	316846	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	620396	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	679929	20.000	ng	0.00
86) Perylene-d12	24.798	264	792201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	558471	77.239	ng	0.00
7) Phenol-d6	6.858	99	697511	75.586	ng	0.00
23) Nitrobenzene-d5	8.804	82	758074	75.884	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	441081	82.116	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1916443	79.243	ng	-0.01
79) Terphenyl-d14	19.810	244	3174042	80.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	121113	35.672	ng	99
3) Pyridine	3.622	79	281565	37.400	ng	98
4) n-Nitrosodimethylamine	3.528	42	126280	37.995	ng	94
6) Aniline	6.999	93	436222	36.614	ng	99
8) 2-Chlorophenol	7.234	128	316592	38.571	ng	98
9) Benzaldehyde	6.810	77	218883	36.642	ng	99
10) Phenol	6.887	94	350820	36.834	ng	96
11) bis(2-Chloroethyl)ether	7.093	93	275441	35.195	ng	98
12) 1,3-Dichlorobenzene	7.546	146	358557	37.969	ng	99
13) 1,4-Dichlorobenzene	7.693	146	361848	38.098	ng	100
14) 1,2-Dichlorobenzene	8.005	146	350515	37.873	ng	99
15) Benzyl Alcohol	7.905	79	266818	38.049	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	331428	35.362	ng	99
17) 2-Methylphenol	8.116	107	252873	37.017	ng	97
18) Hexachloroethane	8.716	117	134692	37.007	ng	95
19) n-Nitroso-di-n-propyla...	8.457	70	226226	35.440	ng	99
20) 3+4-Methylphenols	8.440	107	341536	36.755	ng	99
22) Acetophenone	8.475	105	475992	37.752	ng	# 99
24) Nitrobenzene	8.846	77	332647	37.838	ng	96
25) Isophorone	9.369	82	630069	36.360	ng	98
26) 2-Nitrophenol	9.552	139	180007	41.786	ng	99
27) 2,4-Dimethylphenol	9.622	122	298599	39.314	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	370445	35.782	ng	100
29) 2,4-Dichlorophenol	10.104	162	291338	39.583	ng	96
30) 1,2,4-Trichlorobenzene	10.287	180	329782	39.761	ng	95
31) Naphthalene	10.475	128	1004479	38.402	ng	99
32) Benzoic acid	9.793	122	177252	35.775	ng	96
33) 4-Chloroaniline	10.593	127	412703	39.100	ng	99
34) Hexachlorobutadiene	10.757	225	213441	39.725	ng	97
35) Caprolactam	11.393	113	99335	37.303	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	340527	37.939	ng	97
37) 2-Methylnaphthalene	12.087	142	640384	37.810	ng	99
38) 1-Methylnaphthalene	12.310	142	679915	37.519	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	369584	40.169	ng	99
41) Hexachlorocyclopentadiene	12.440	237	222383	39.860	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	243302	40.826	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024703.D
 Acq On : 20 May 2025 11:52
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

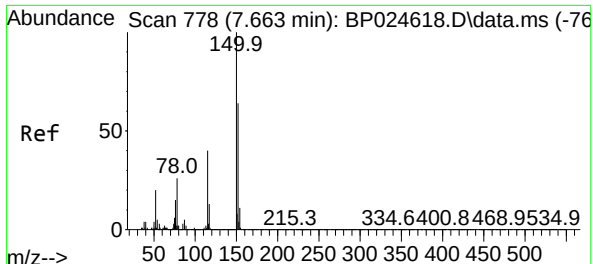
Quant Time: May 20 12:59:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	270865	40.832	ng	97
46) 1,1'-Biphenyl	13.110	154	899673	38.417	ng	99
47) 2-Chloronaphthalene	13.151	162	695128	38.930	ng	99
48) 2-Nitroaniline	13.363	65	203001	38.400	ng	98
49) Acenaphthylene	14.004	152	1135762	38.009	ng	100
50) Dimethylphthalate	13.751	163	895032	37.061	ng	100
51) 2,6-Dinitrotoluene	13.869	165	197446	38.712	ng	98
52) Acenaphthene	14.351	154	656098	38.193	ng	100
53) 3-Nitroaniline	14.204	138	199441	38.296	ng	99
54) 2,4-Dinitrophenol	14.434	184	101110	35.323	ng	97
55) Dibenzofuran	14.692	168	1048113	38.252	ng	99
56) 4-Nitrophenol	14.581	139	202652	46.802	ng	97
57) 2,4-Dinitrotoluene	14.669	165	279529	38.874	ng	99
58) Fluorene	15.351	166	857836	38.395	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	241572	39.256	ng	97
60) Diethylphthalate	15.128	149	911477	37.342	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	430331	38.622	ng	99
62) 4-Nitroaniline	15.392	138	189242	37.633	ng	98
63) Azobenzene	15.645	77	752861	36.055	ng	97
65) 4,6-Dinitro-2-methylph...	15.451	198	158899	39.652	ng	97
66) n-Nitrosodiphenylamine	15.569	169	740115	38.839	ng	98
67) 4-Bromophenyl-phenylether	16.257	248	295412	40.410	ng	97
68) Hexachlorobenzene	16.381	284	370994	39.938	ng	94
69) Atrazine	16.545	200	277598	39.750	ng	99
70) Pentachlorophenol	16.745	266	204812	39.278	ng	100
71) Phenanthrene	17.128	178	1321707	38.323	ng	100
72) Anthracene	17.222	178	1355916	39.076	ng	100
73) Carbazole	17.504	167	1198207	38.152	ng	100
74) Di-n-butylphthalate	18.086	149	1566966	38.795	ng	100
75) Fluoranthene	19.216	202	1531668	37.992	ng	99
77) Benzidine	19.422	184	725976	39.203	ng	99
78) Pyrene	19.592	202	1591992	39.077	ng	100
80) Butylbenzylphthalate	20.539	149	716477	39.544	ng	96
81) Benzo(a)anthracene	21.492	228	1645382	38.539	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	646986	40.800	ng	100
83) Chrysene	21.569	228	1543547	38.139	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1039093	39.018	ng	99
85) Di-n-octyl phthalate	22.680	149	1753560	40.266	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2249969	38.903	ng	# 87
88) Benzo(b)fluoranthene	23.757	252	1745599	38.496	ng	99
89) Benzo(k)fluoranthene	23.833	252	1794614	38.409	ng	99
90) Benzo(a)pyrene	24.651	252	1693647	38.890	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	1829060	38.874	ng	99
92) Benzo(g,h,i)perylene	29.674	276	1788388	38.222	ng	98

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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

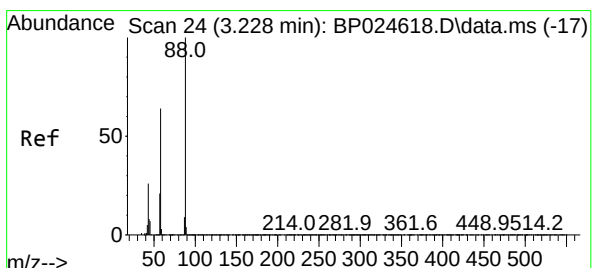
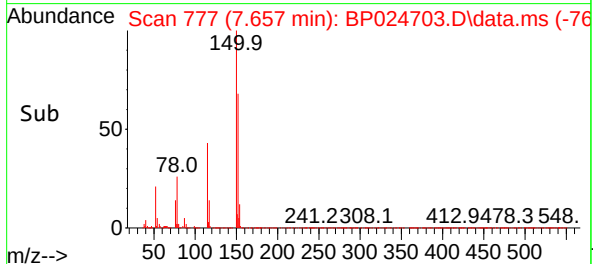
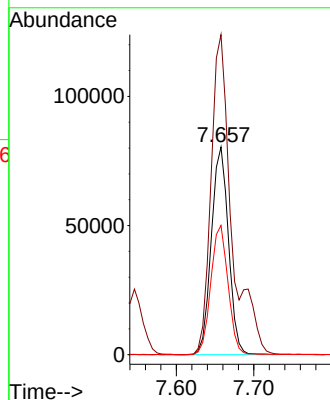
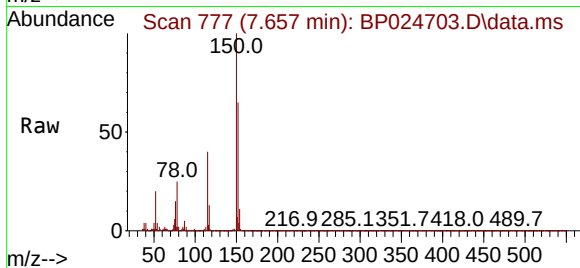
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

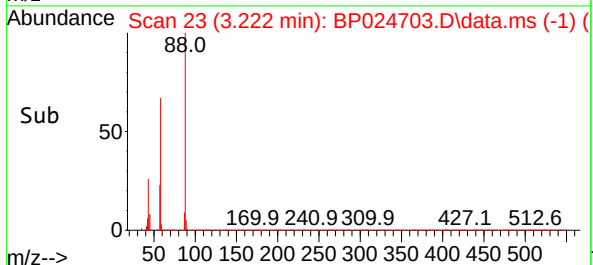
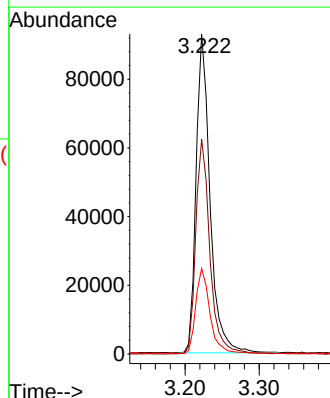
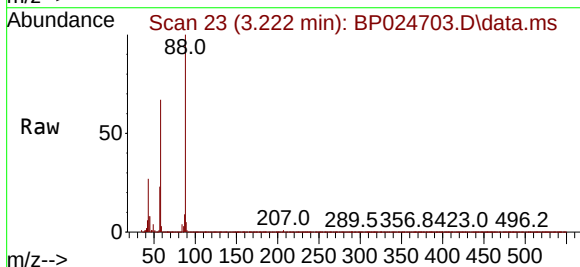
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BNA_P
ClientSampleId :
SSTDCCC040

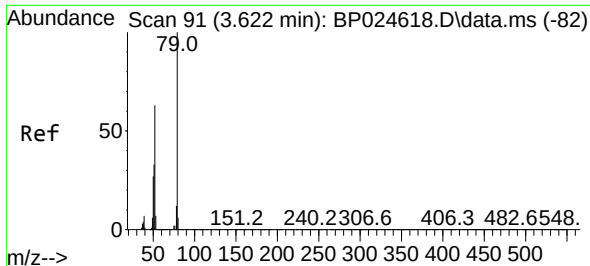
Tgt Ion:152 Resp: 123667
Ion Ratio Lower Upper
152 100
150 154.0 125.9 188.9
115 62.3 50.1 75.1



#2
1,4-Dioxane
Concen: 35.672 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion: 88 Resp: 121113
Ion Ratio Lower Upper
88 100
58 68.3 54.0 81.0
43 27.3 21.4 32.0

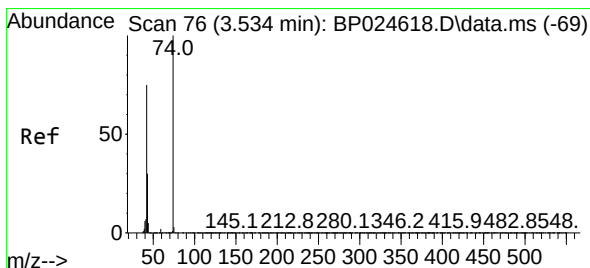
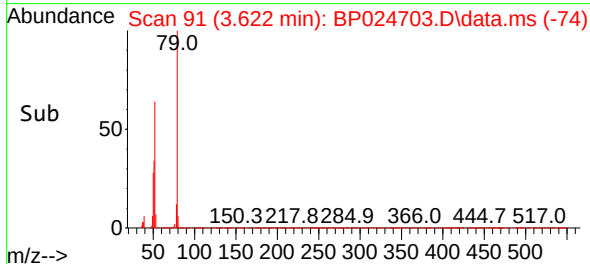
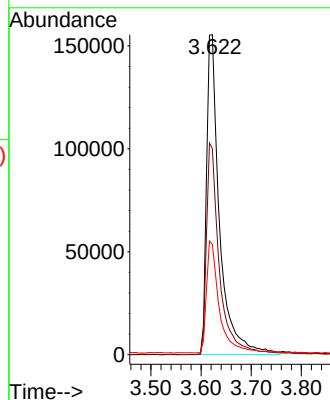
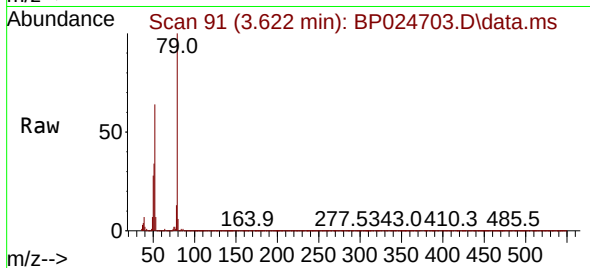




#3
Pyridine
Concen: 37.400 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

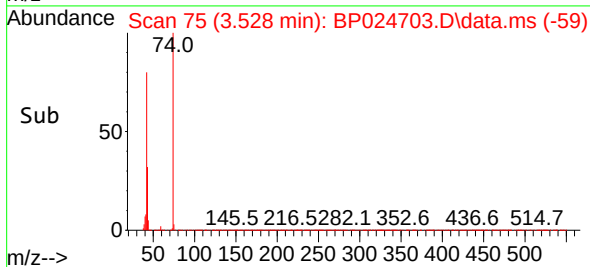
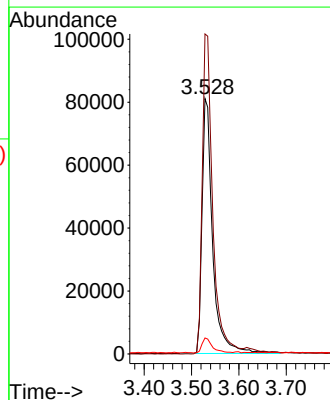
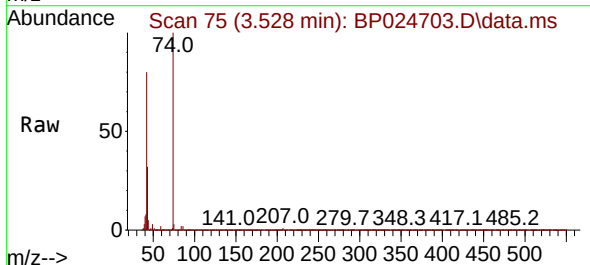
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

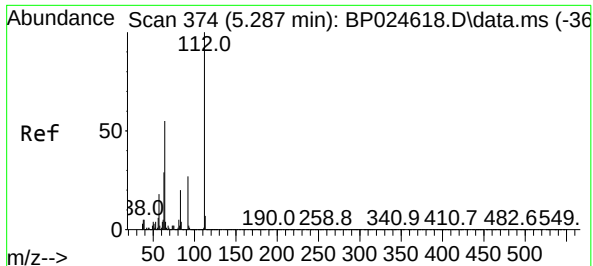
Tgt Ion: 79 Resp: 281565
Ion Ratio Lower Upper
79 100
52 64.4 50.2 75.2
51 34.4 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 37.995 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion: 42 Resp: 126280
Ion Ratio Lower Upper
42 100
74 125.3 106.2 159.2
44 6.3 5.4 8.2

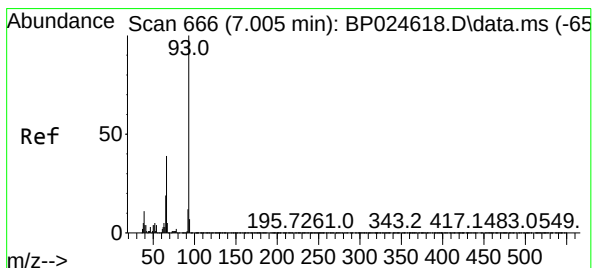
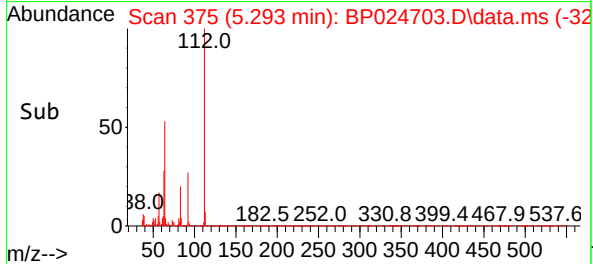
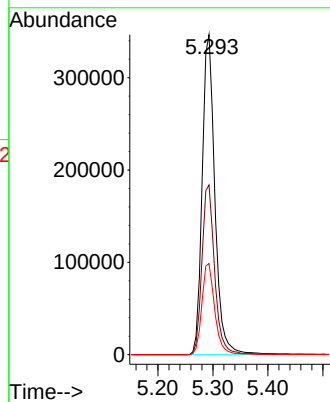
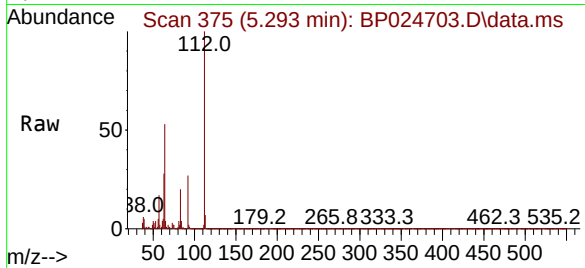




#5
2-Fluorophenol
Concen: 77.239 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

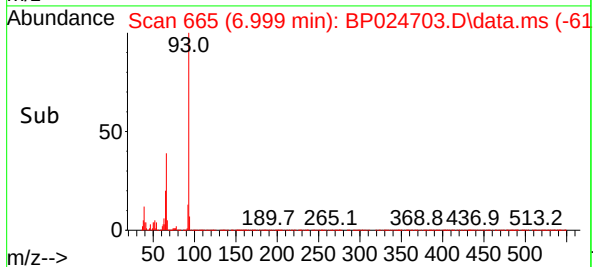
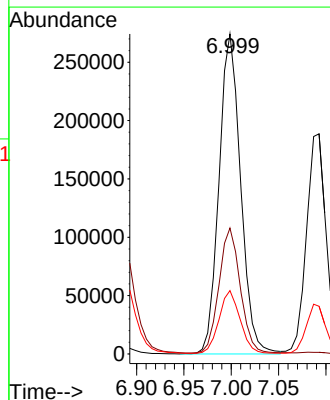
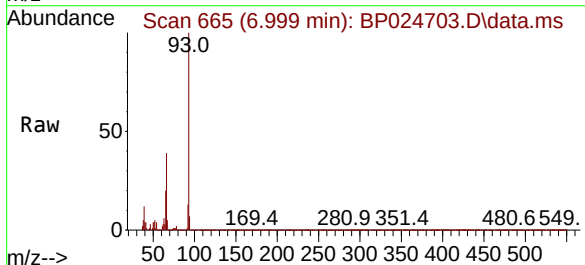
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

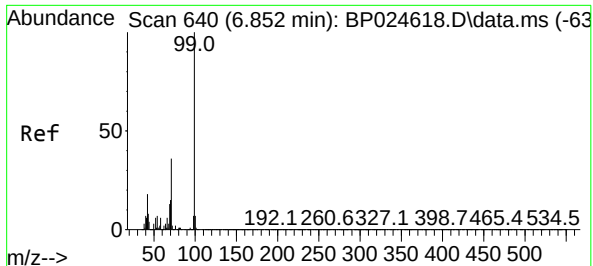
Tgt Ion:112 Resp: 558471
Ion Ratio Lower Upper
112 100
64 53.1 44.1 66.1
63 28.5 23.5 35.3



#6
Aniline
Concen: 36.614 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion: 93 Resp: 436222
Ion Ratio Lower Upper
93 100
66 39.3 31.0 46.6
65 19.8 15.5 23.3

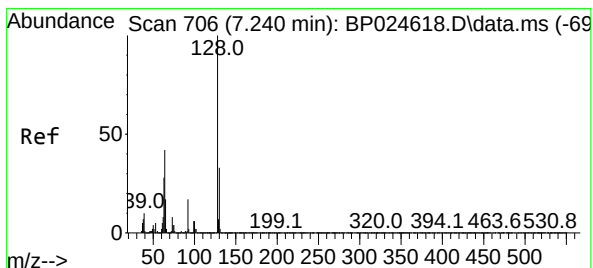
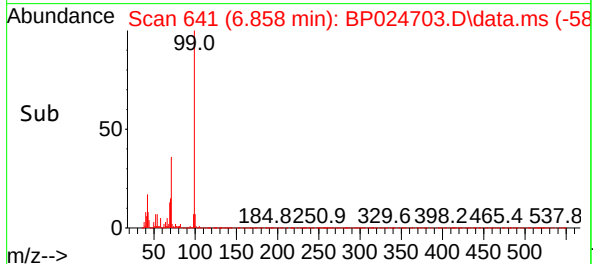
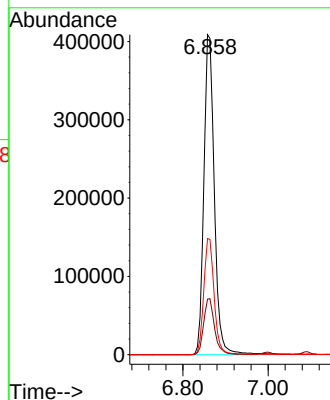
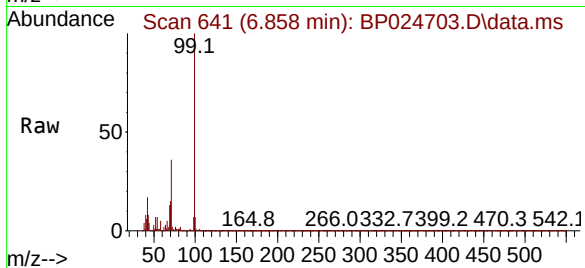




#7
Phenol-d6
Concen: 75.586 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

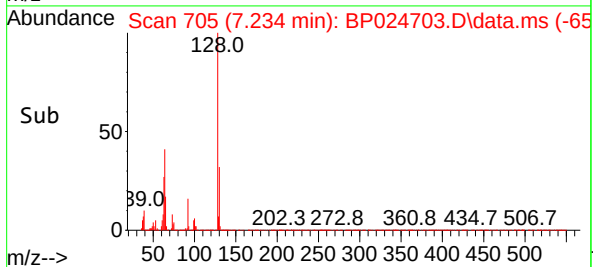
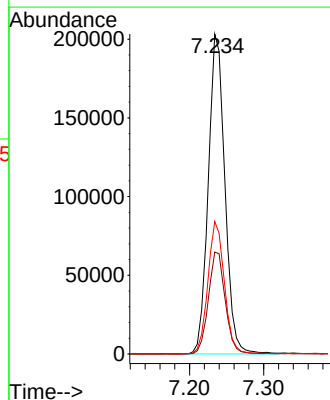
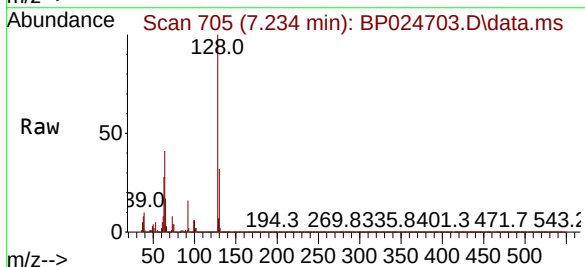
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

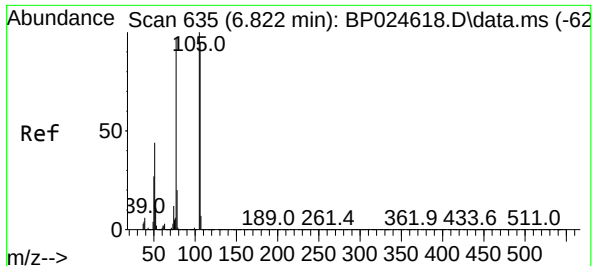
Tgt Ion: 99 Resp: 697511
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 36.3 29.2 43.8



#8
2-Chlorophenol
Concen: 38.571 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion: 128 Resp: 316592
Ion Ratio Lower Upper
128 100
130 31.8 13.0 53.0
64 41.4 22.3 62.3

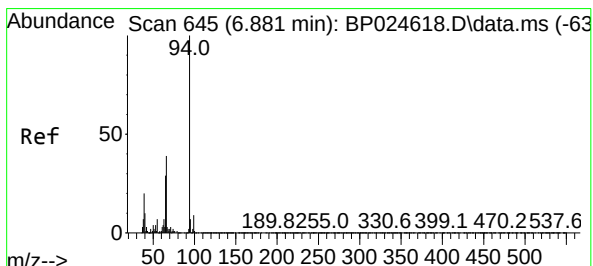
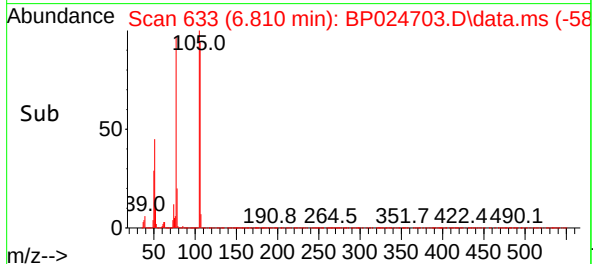
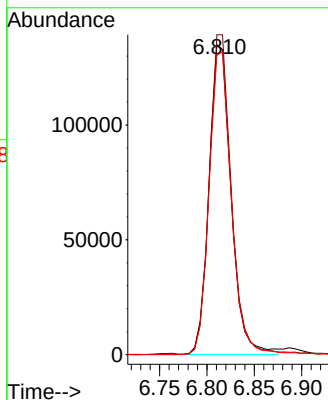
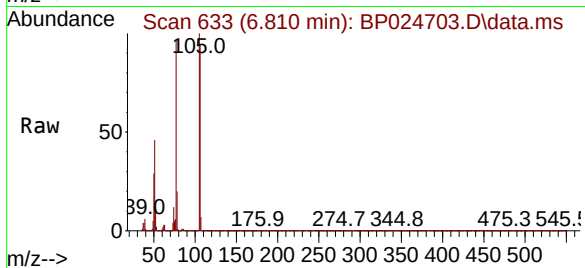




#9
Benzaldehyde
Concen: 36.642 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

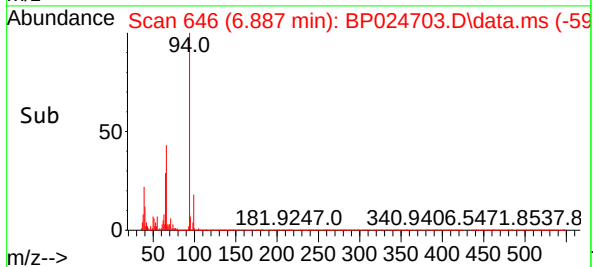
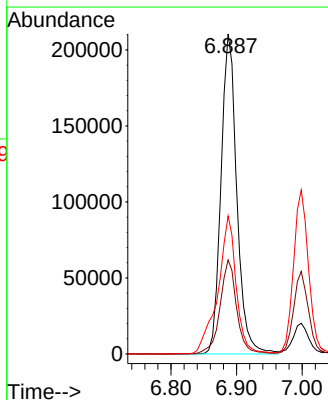
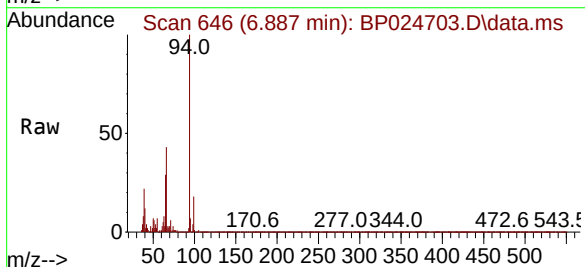
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

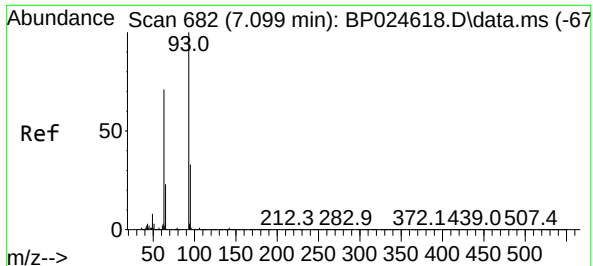
Tgt Ion: 77 Resp: 218883
Ion Ratio Lower Upper
77 100
105 103.2 83.3 123.3
106 96.5 78.0 118.0



#10
Phenol
Concen: 36.834 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion: 94 Resp: 350820
Ion Ratio Lower Upper
94 100
65 29.4 8.7 48.7
66 43.1 19.4 59.4

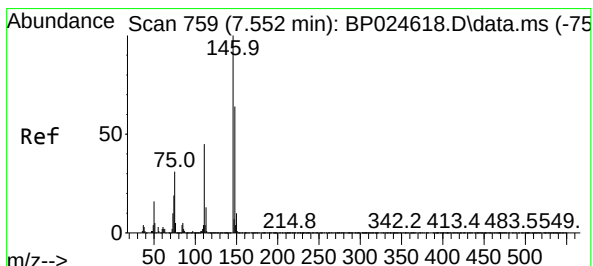
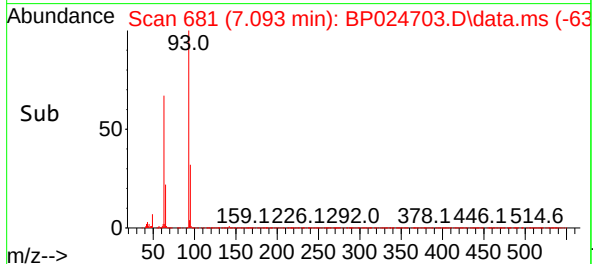
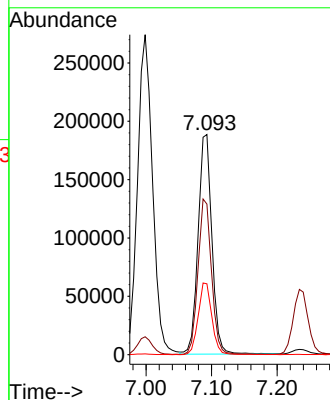
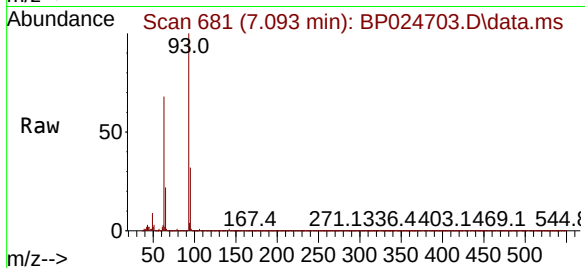




#11
bis(2-Chloroethyl)ether
Concen: 35.195 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

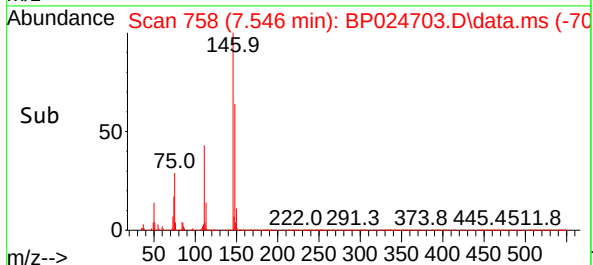
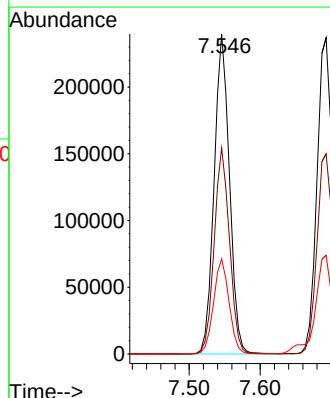
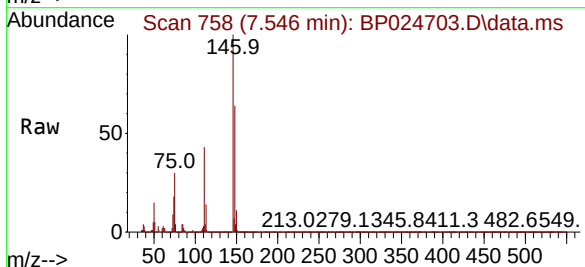
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

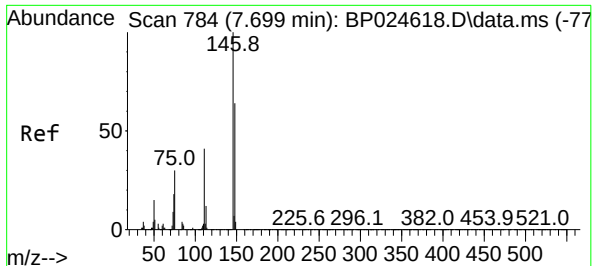
Tgt Ion: 93 Resp: 275441
Ion Ratio Lower Upper
93 100
63 68.4 50.6 90.6
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 37.969 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion: 146 Resp: 358557
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 29.7 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 38.098 ng

RT: 7.693 min Scan# 71

Delta R.T. -0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

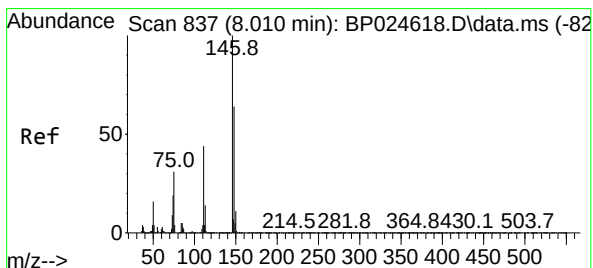
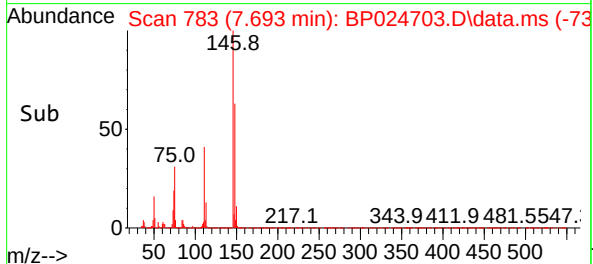
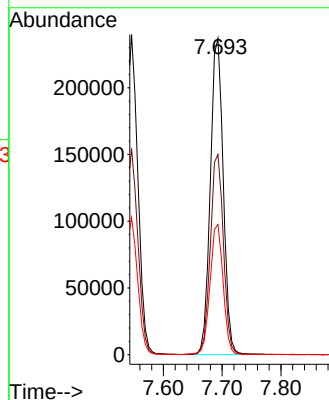
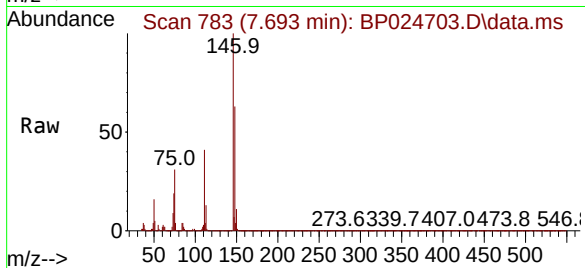
Tgt Ion:146 Resp: 361848

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

111 41.2 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 37.873 ng

RT: 8.005 min Scan# 836

Delta R.T. -0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

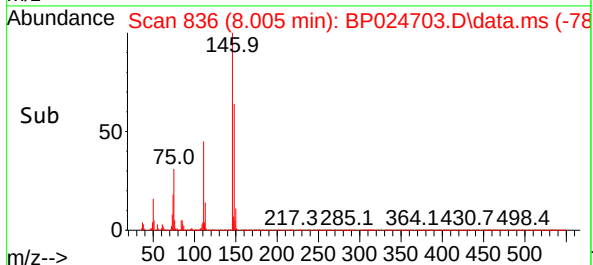
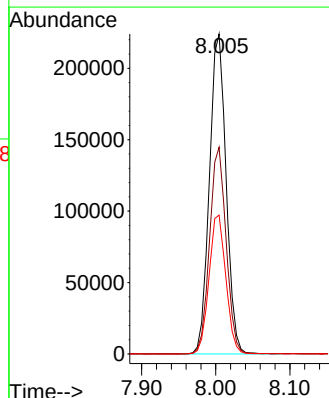
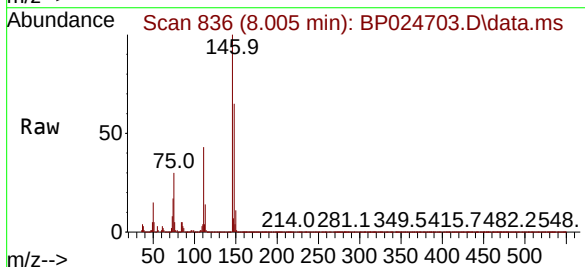
Tgt Ion:146 Resp: 350515

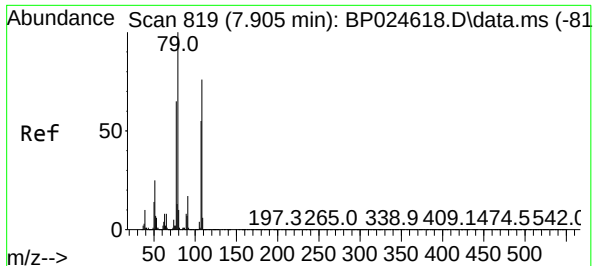
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

111 43.4 35.2 52.8





#15

Benzyl Alcohol

Concen: 38.049 ng

RT: 7.905 min Scan# 819

Delta R.T. -0.000 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

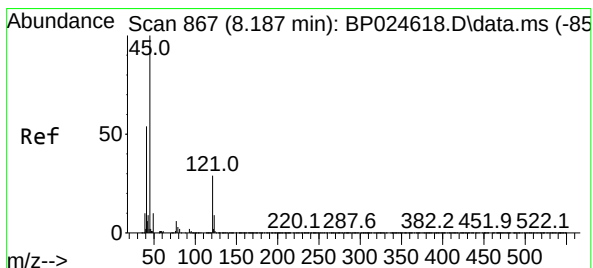
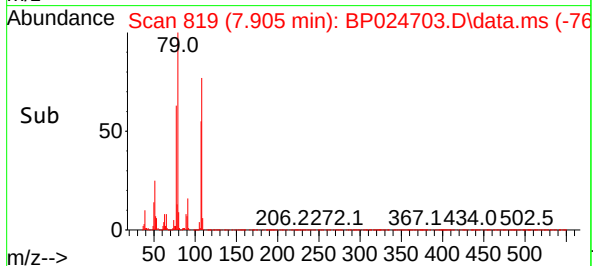
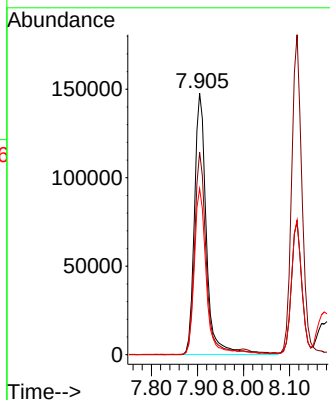
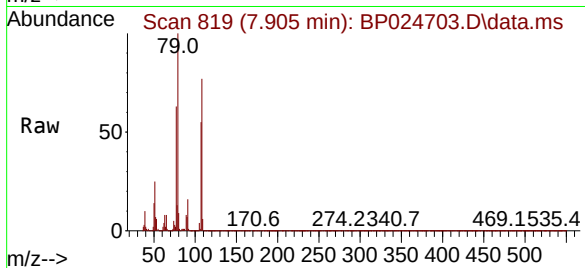
Tgt Ion: 79 Resp: 266818

Ion Ratio Lower Upper

79 100

108 77.4 60.8 91.2

77 63.4 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.362 ng

RT: 8.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

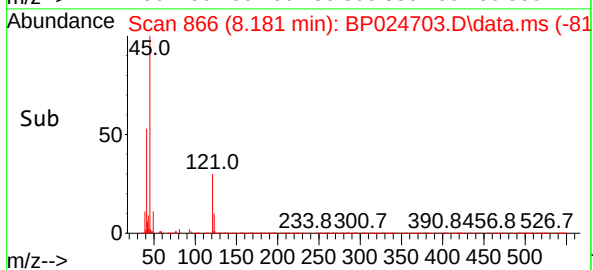
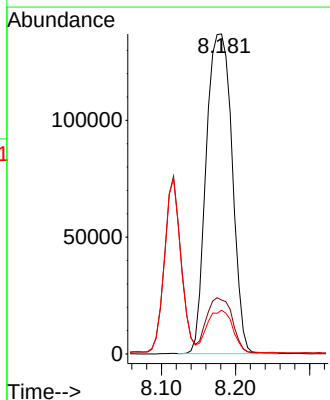
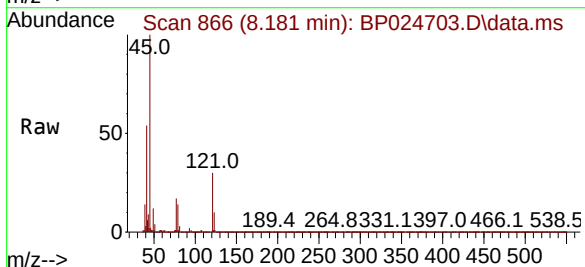
Tgt Ion: 45 Resp: 331428

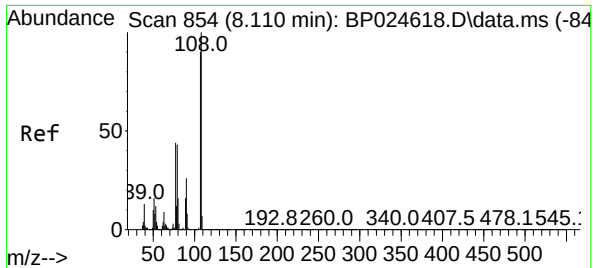
Ion Ratio Lower Upper

45 100

77 16.9 0.0 37.7

79 13.6 0.0 34.0



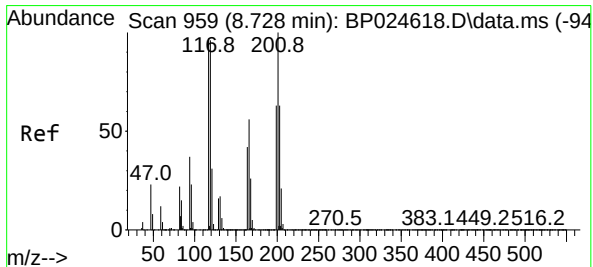
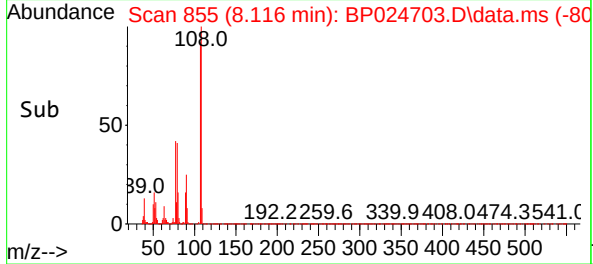
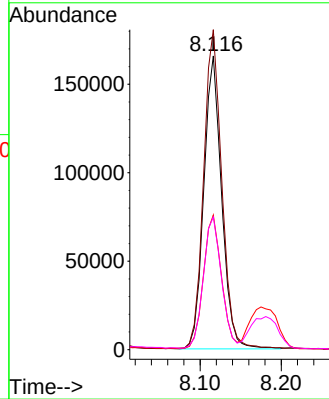
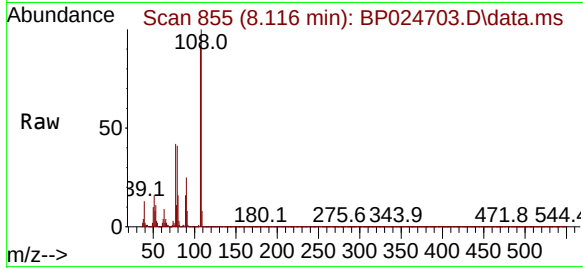


#17
2-Methylphenol
Concen: 37.017 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 252873

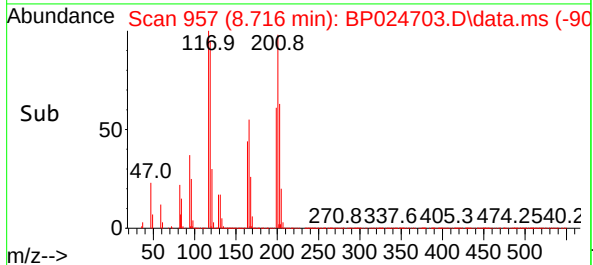
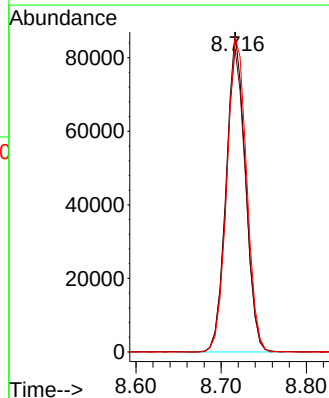
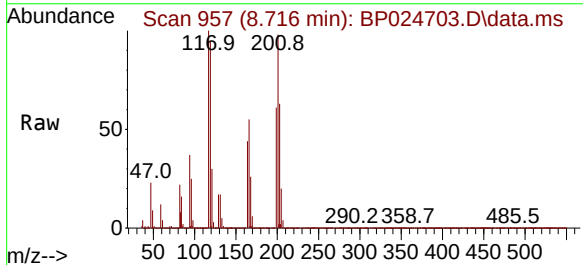
Ion	Ratio	Lower	Upper
107	100		
108	108.9	88.9	133.3
77	45.8	39.0	58.6
79	45.1	38.4	57.6

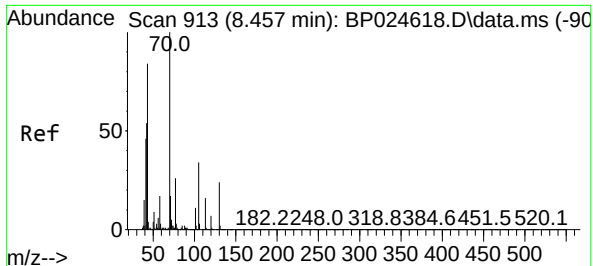


#18
Hexachloroethane
Concen: 37.007 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:117 Resp: 134692

Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.4	119.0
201	98.4	82.7	124.1





#19

n-Nitroso-di-n-propylamine

Concen: 35.440 ng

RT: 8.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BP024703.D

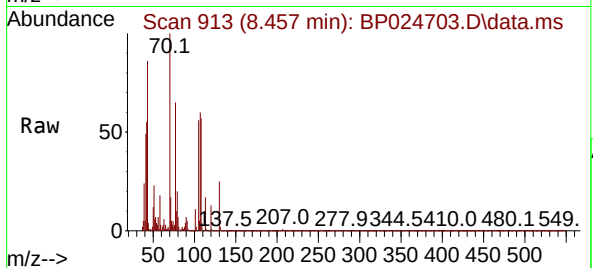
Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 226226

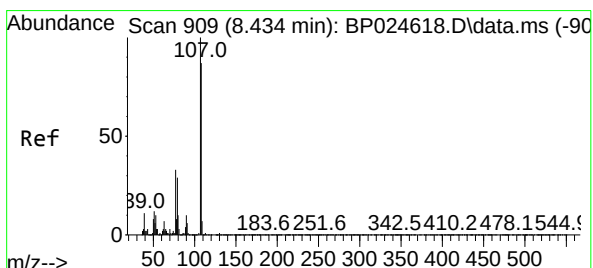
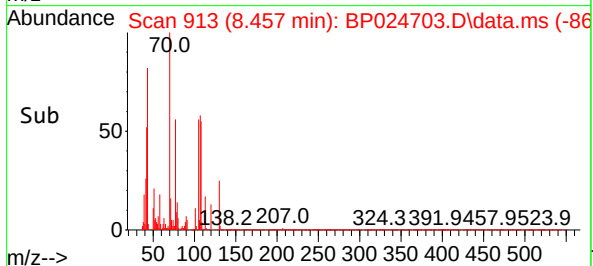
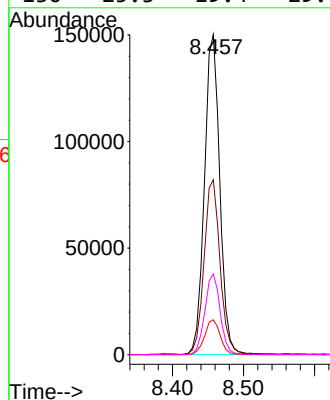
Ion Ratio Lower Upper

70 100

42 54.7 43.0 64.6

101 10.9 8.7 13.1

130 25.3 19.4 29.0



#20

3+4-Methylphenols

Concen: 36.755 ng

RT: 8.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Tgt Ion: 107 Resp: 341536

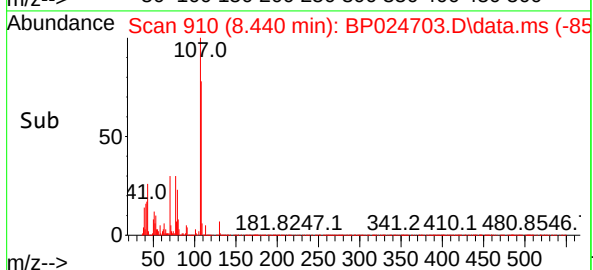
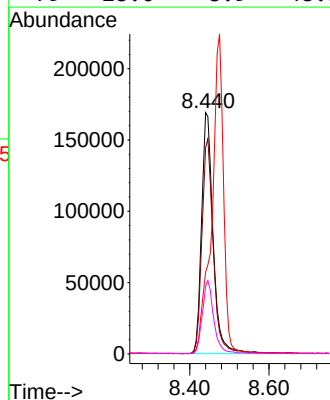
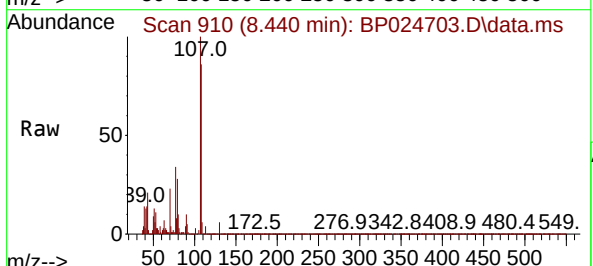
Ion Ratio Lower Upper

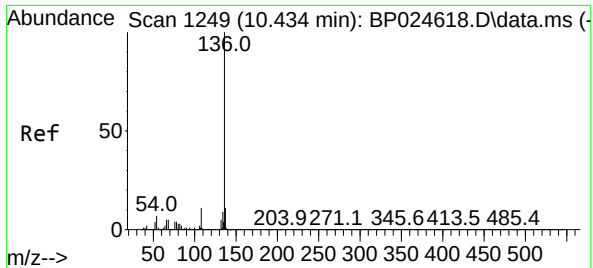
107 100

108 85.6 66.7 106.7

77 34.0 13.1 53.1

79 28.0 8.9 48.9

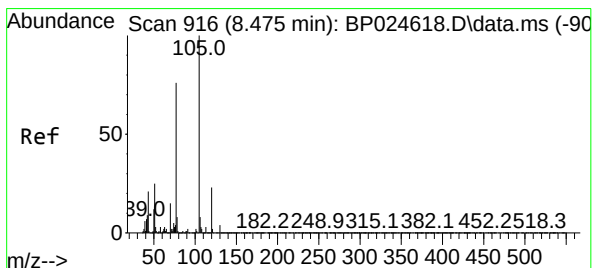
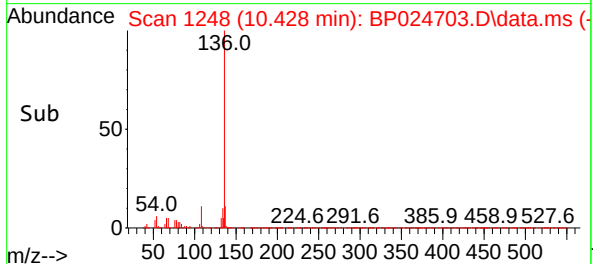
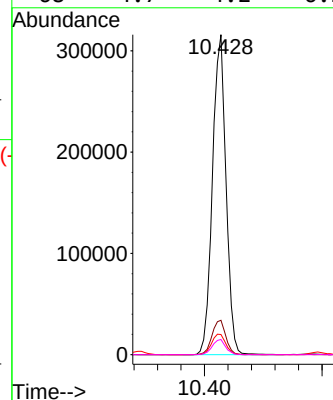
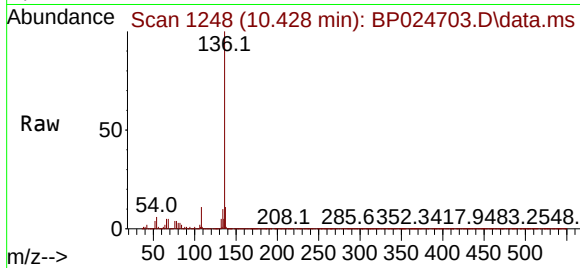




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

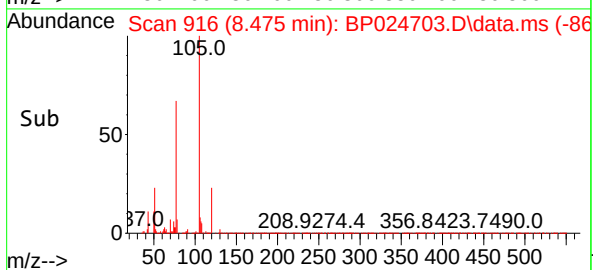
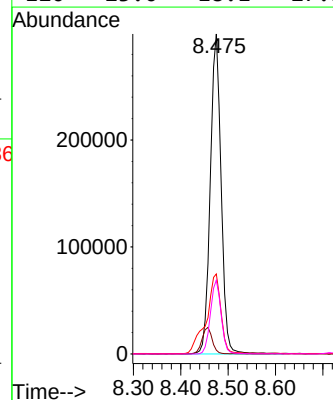
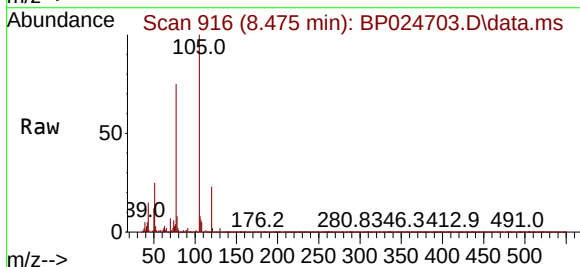
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

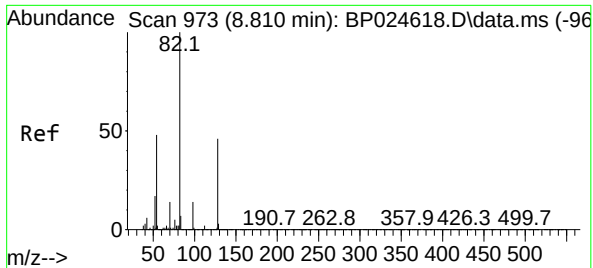
Tgt Ion:	136	Resp:	504753
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.3	5.5	8.3
68	4.7	4.2	6.2



#22
Acetophenone
Concen: 37.752 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:	105	Resp:	475992
Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.0	3.0#
51	25.0	20.4	30.6
120	23.0	18.1	27.1





#23

Nitrobenzene-d5

Concen: 75.884 ng

RT: 8.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

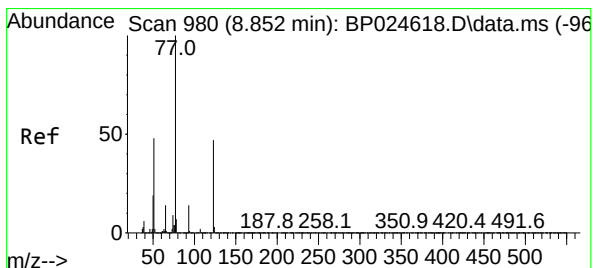
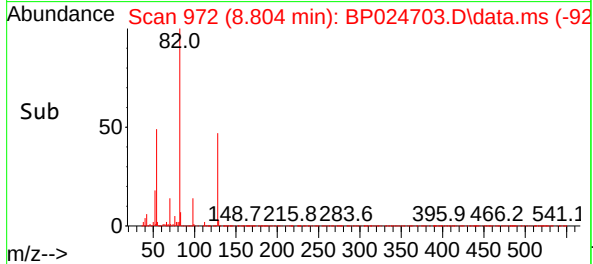
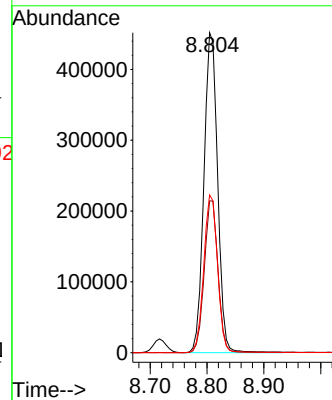
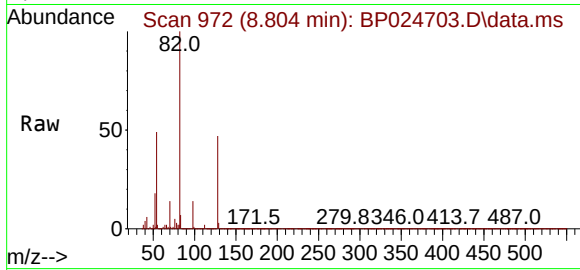
Tgt Ion: 82 Resp: 758074

Ion Ratio Lower Upper

82 100

128 47.4 37.0 55.4

54 49.3 38.7 58.1



#24

Nitrobenzene

Concen: 37.838 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

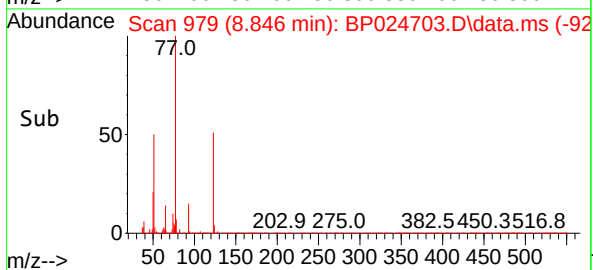
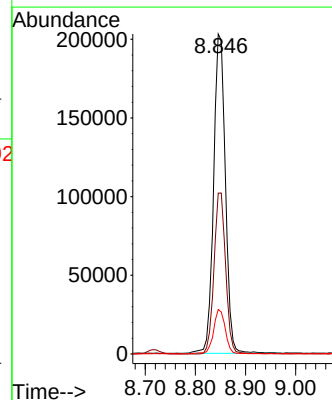
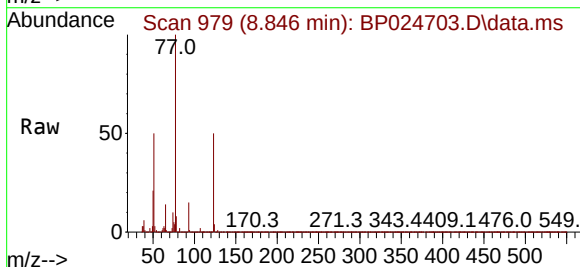
Tgt Ion: 77 Resp: 332647

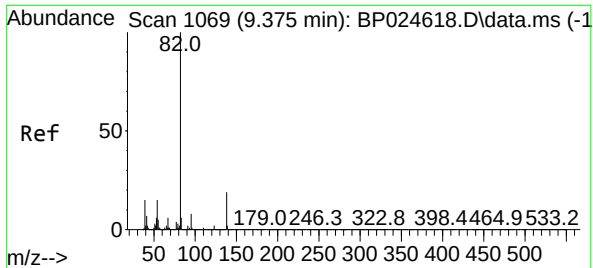
Ion Ratio Lower Upper

77 100

123 50.2 37.4 56.0

65 13.9 11.3 16.9

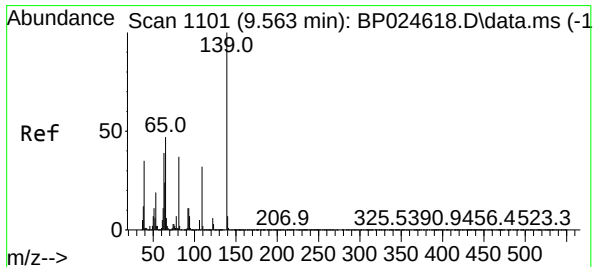
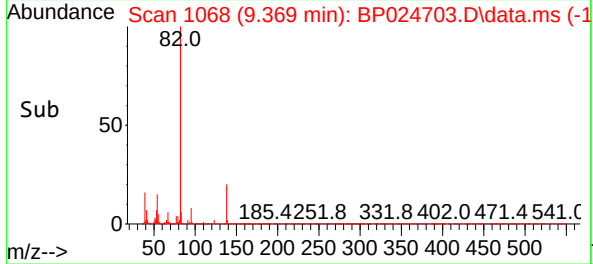
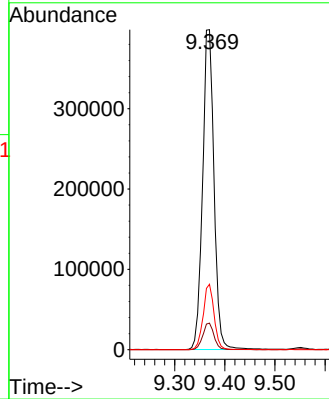
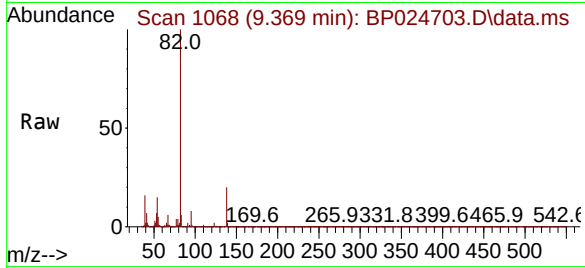




#25
Isophorone
Concen: 36.360 ng
RT: 9.369 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

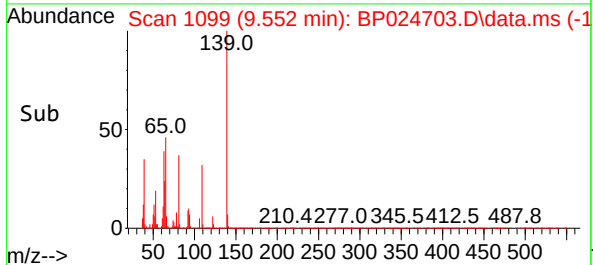
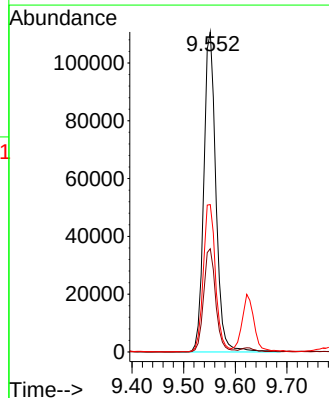
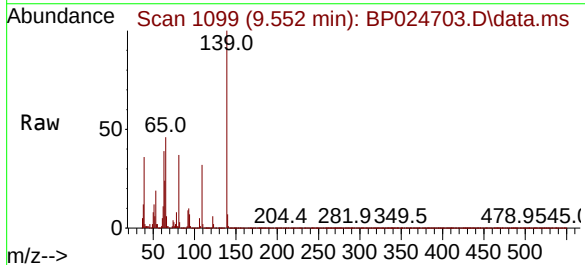
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

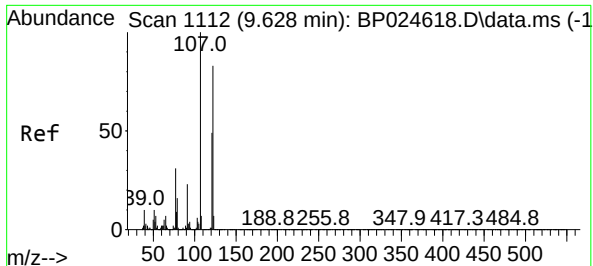
Tgt Ion: 82 Resp: 630069
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 20.5 15.3 22.9



#26
2-Nitrophenol
Concen: 41.786 ng
RT: 9.552 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion: 139 Resp: 180007
Ion Ratio Lower Upper
139 100
109 32.2 25.9 38.9
65 46.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 39.314 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

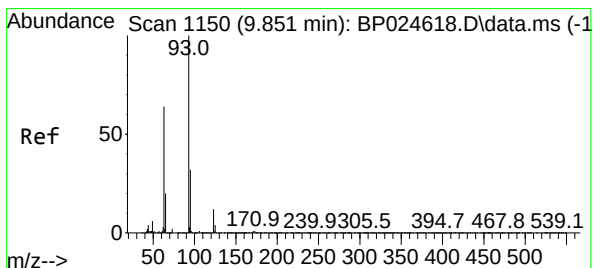
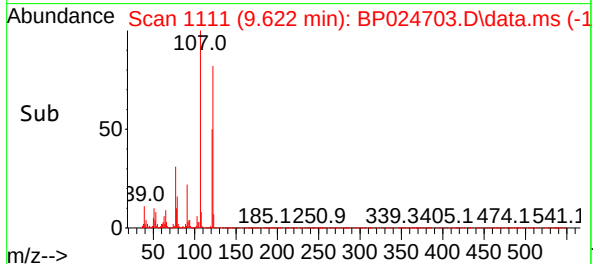
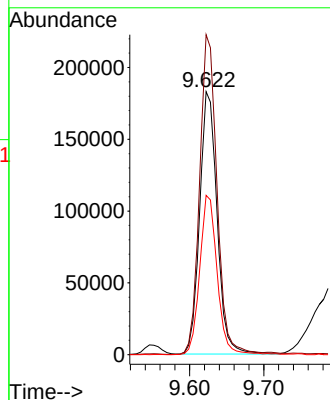
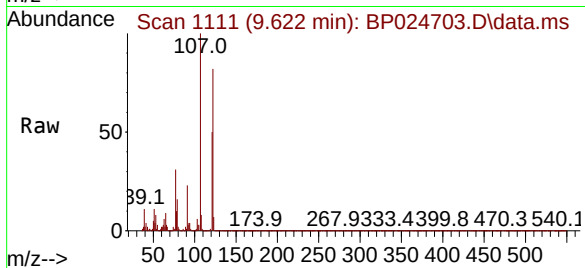
Tgt Ion:122 Resp: 298599

Ion Ratio Lower Upper

122 100

107 121.6 96.2 144.2

121 60.6 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 35.782 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

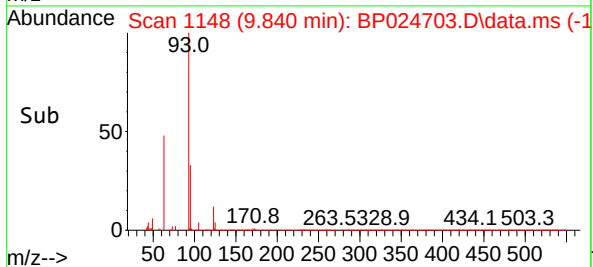
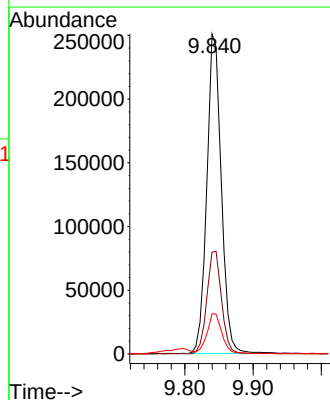
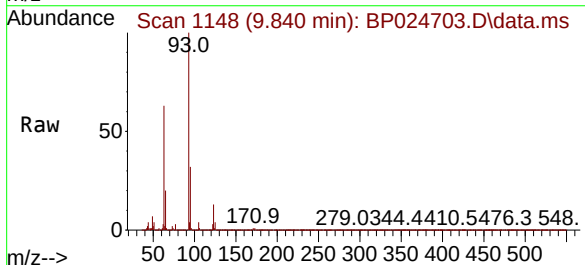
Tgt Ion: 93 Resp: 370445

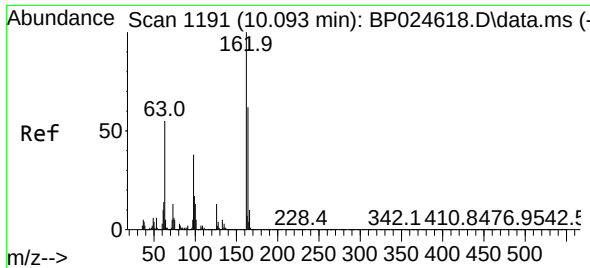
Ion Ratio Lower Upper

93 100

95 31.8 25.5 38.3

123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.583 ng

RT: 10.104 min Scan# 1191

Delta R.T. 0.012 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

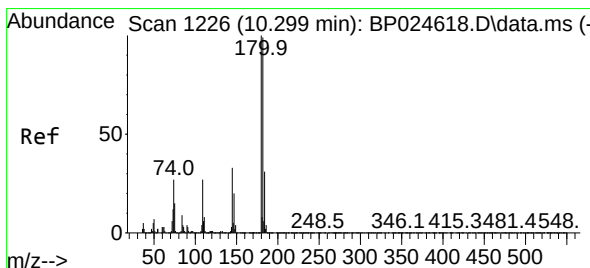
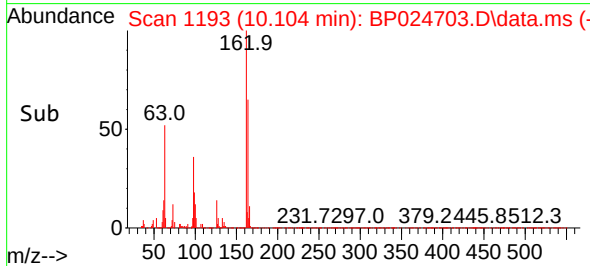
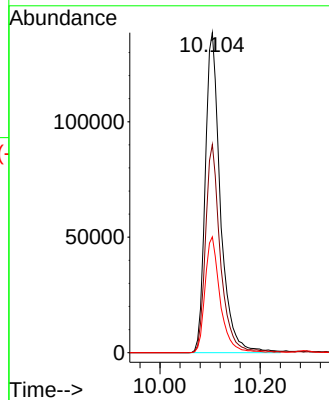
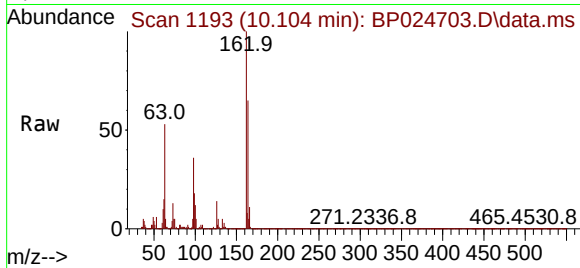
Tgt Ion:162 Resp: 291338

Ion Ratio Lower Upper

162 100

164 65.1 42.3 82.3

98 36.2 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 39.761 ng

RT: 10.287 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

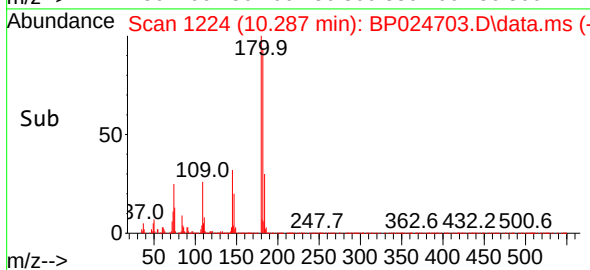
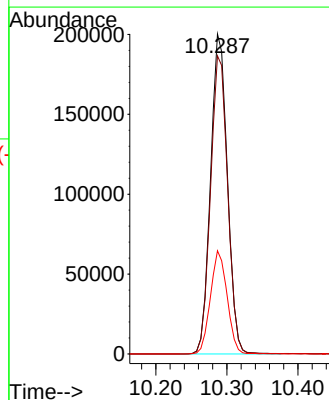
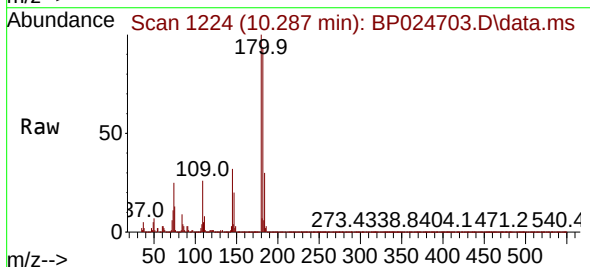
Tgt Ion:180 Resp: 329782

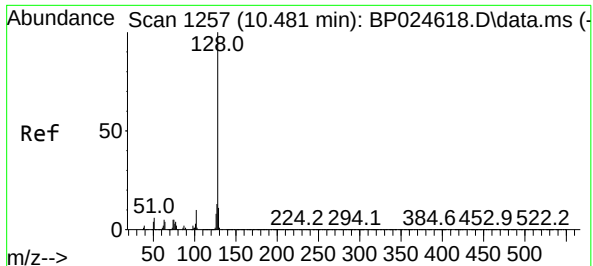
Ion Ratio Lower Upper

180 100

182 93.1 79.0 118.4

145 32.3 26.6 39.8

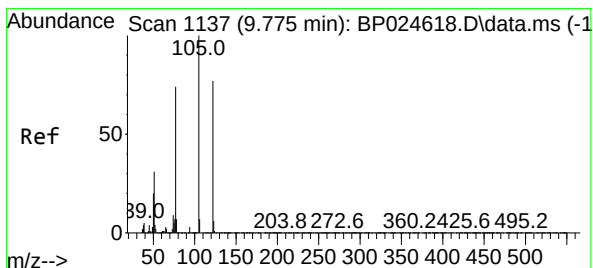
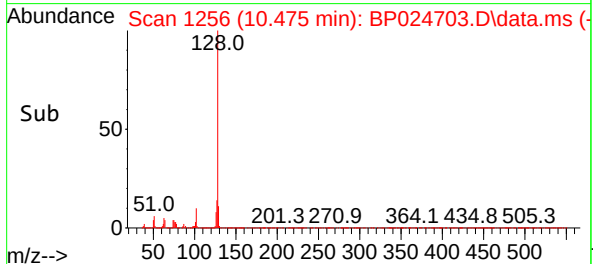
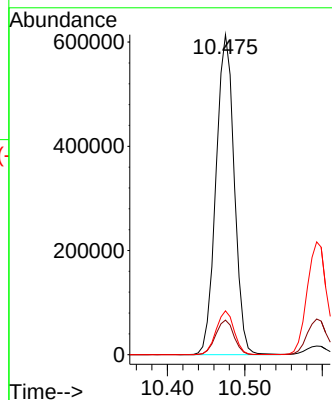
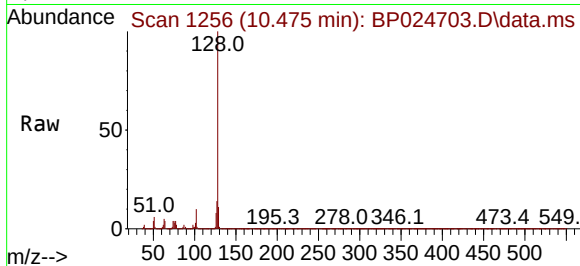




#31
Naphthalene
Concen: 38.402 ng
RT: 10.475 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

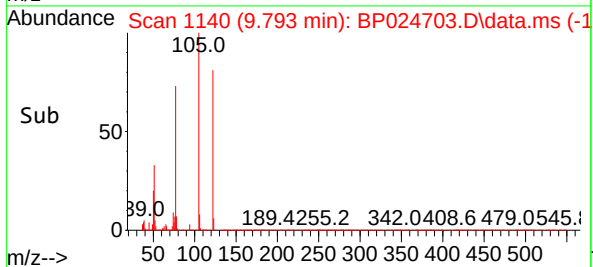
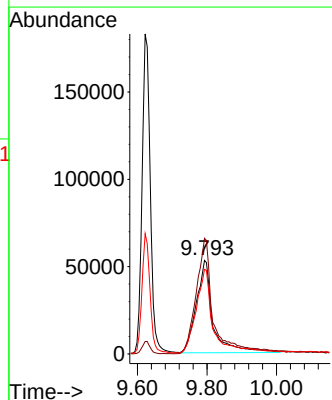
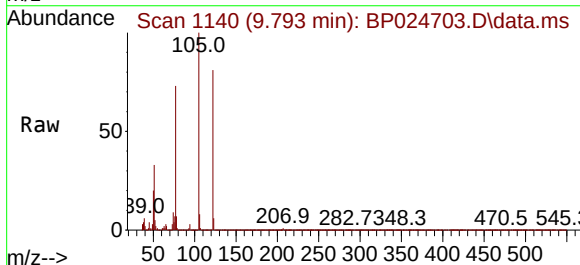
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

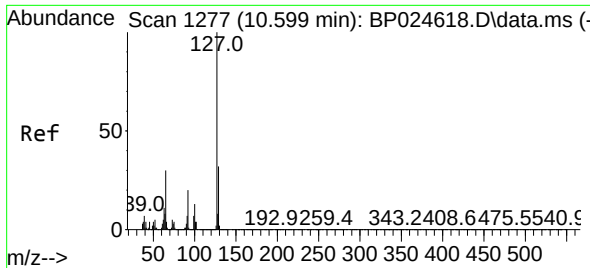
Tgt Ion:128 Resp: 1004479
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 35.775 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.018 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:122 Resp: 177252
Ion Ratio Lower Upper
122 100
105 123.6 106.9 146.9
77 90.4 75.1 115.1

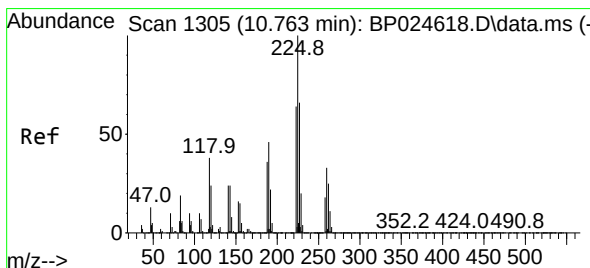
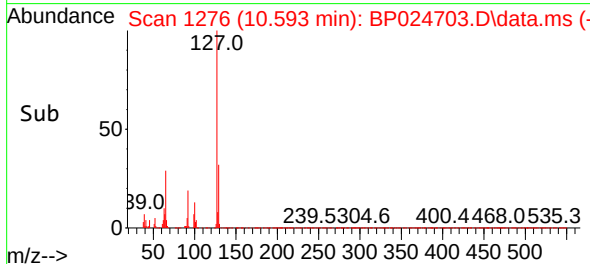
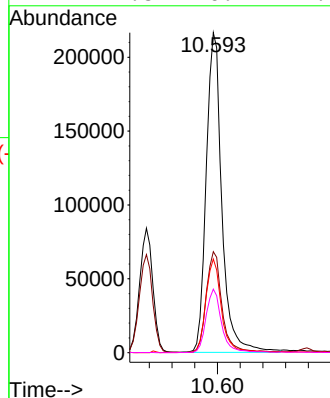
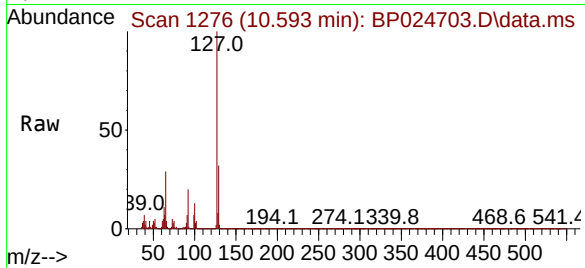




#33
4-Chloroaniline
Concen: 39.100 ng
RT: 10.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

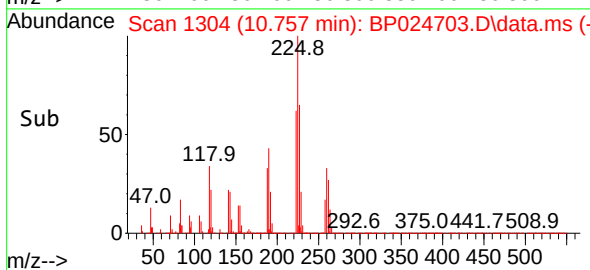
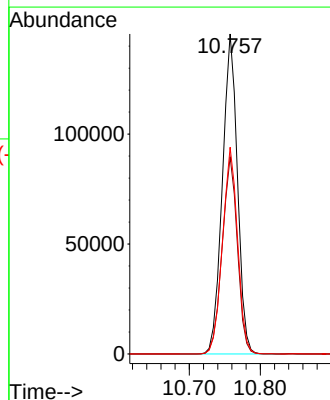
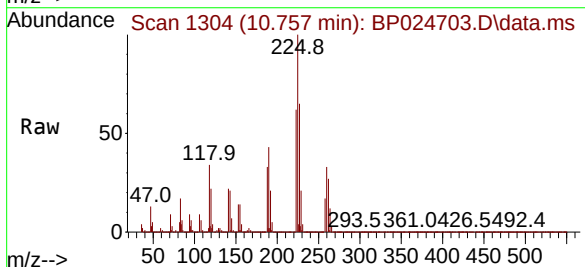
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

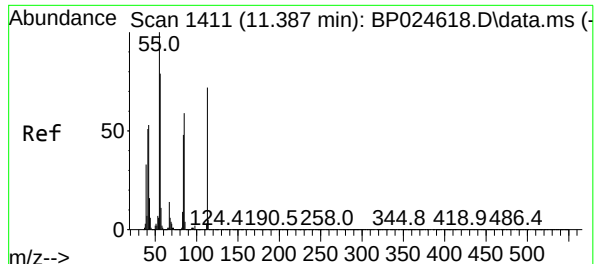
Tgt Ion:	127	Resp:	412703
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	29.3	23.9	35.9
92	19.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.725 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:	225	Resp:	213441
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	64.6	53.1	79.7





#35

Caprolactam

Concen: 37.303 ng

RT: 11.393 min Scan# 1412

Delta R.T. 0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

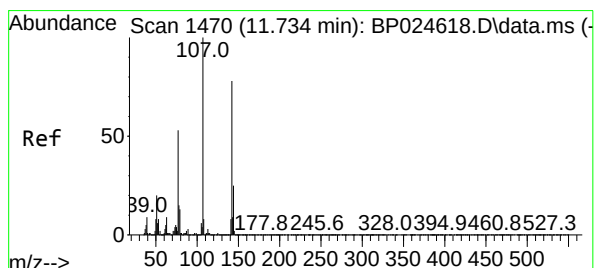
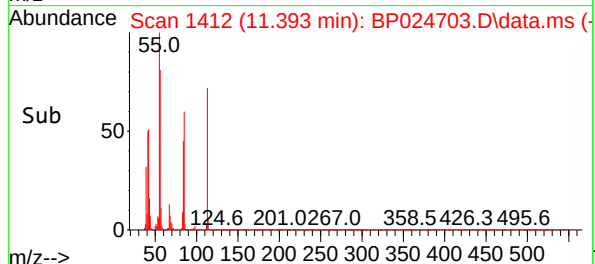
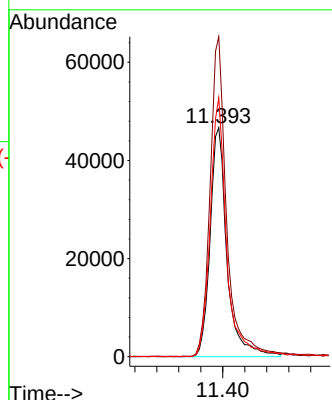
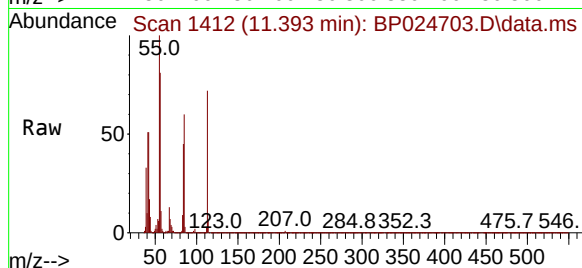
Tgt Ion:113 Resp: 99335

Ion Ratio Lower Upper

113 100

55 139.7 119.0 159.0

56 113.1 90.3 130.3



#36

4-Chloro-3-methylphenol

Concen: 37.939 ng

RT: 11.740 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

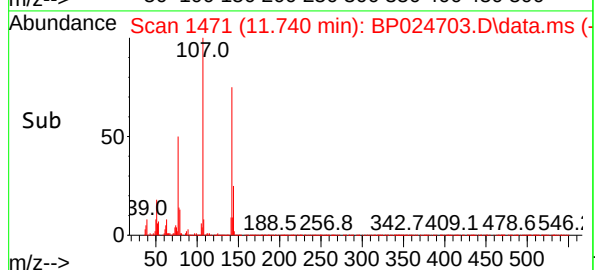
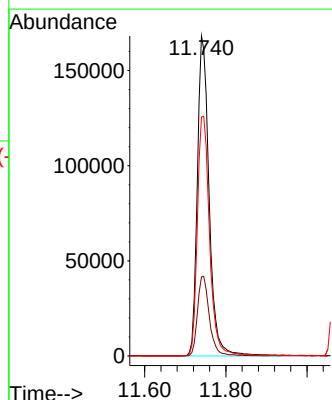
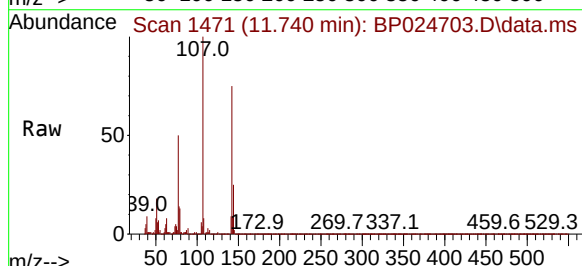
Tgt Ion:107 Resp: 340527

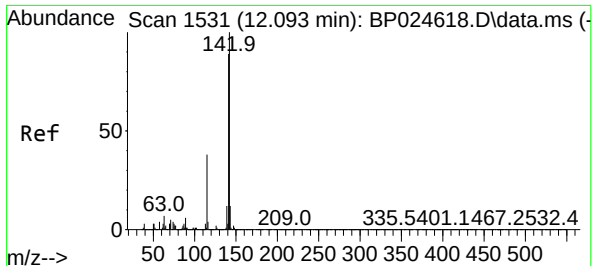
Ion Ratio Lower Upper

107 100

144 24.7 20.1 30.1

142 74.7 62.1 93.1

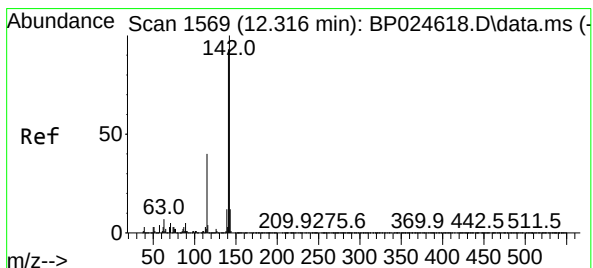
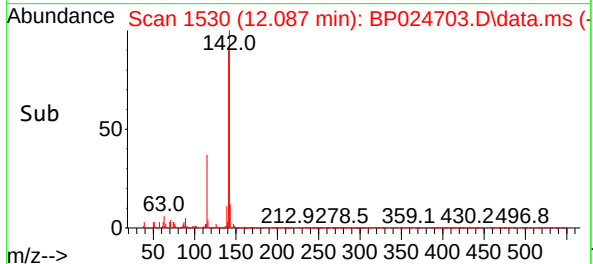
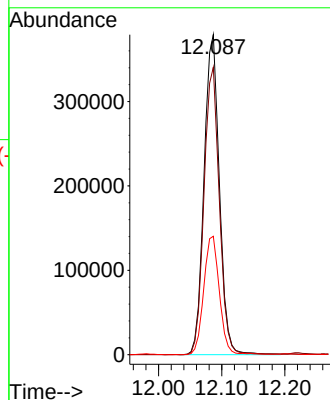
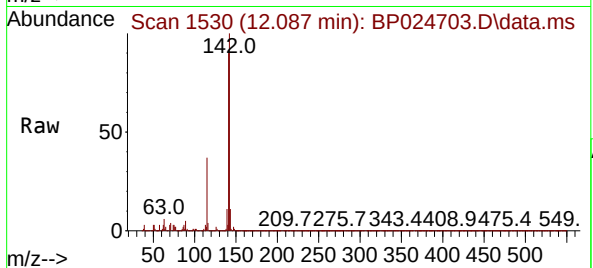




#37
2-Methylnaphthalene
Concen: 37.810 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

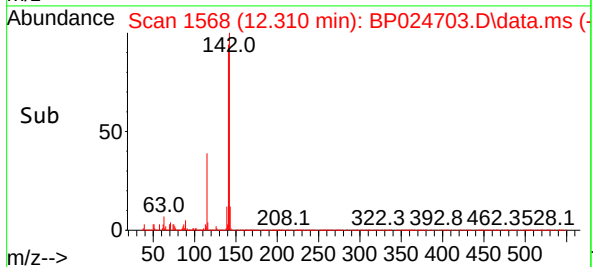
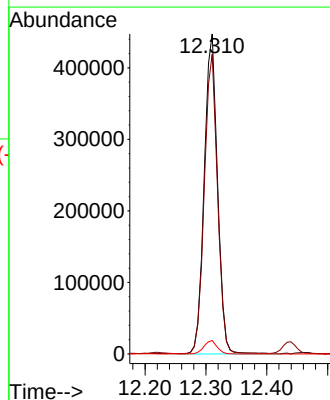
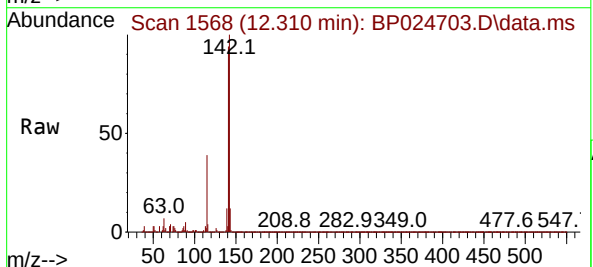
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

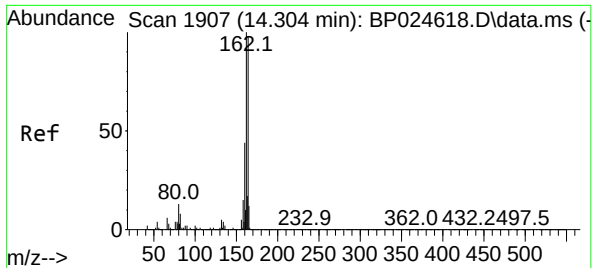
Tgt Ion:142 Resp: 640384
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 37.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 37.519 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:142 Resp: 679915
Ion Ratio Lower Upper
142 100
141 93.7 74.7 112.1
116 4.2 3.4 5.2

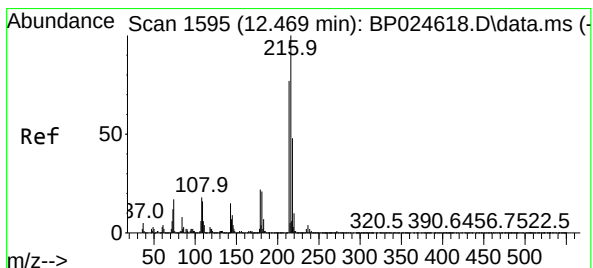
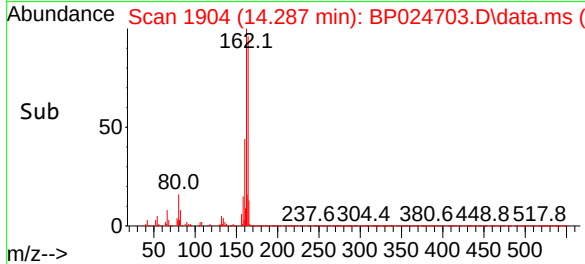
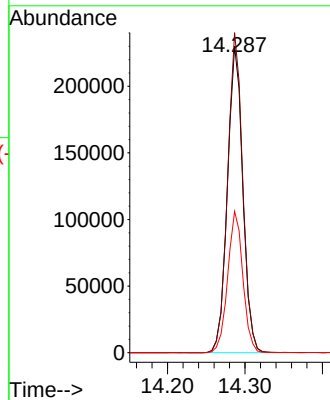
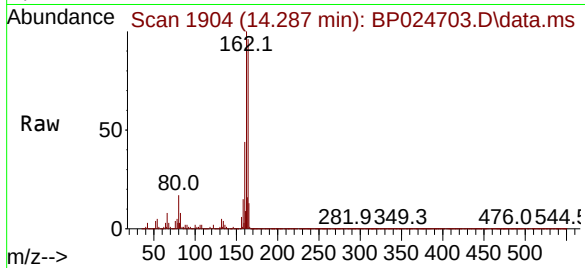




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

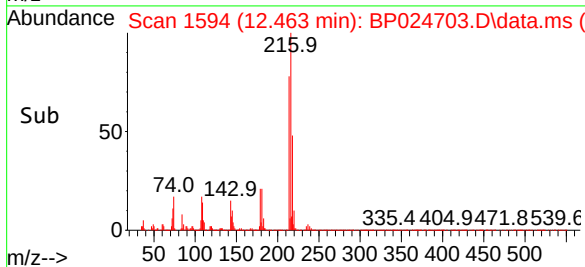
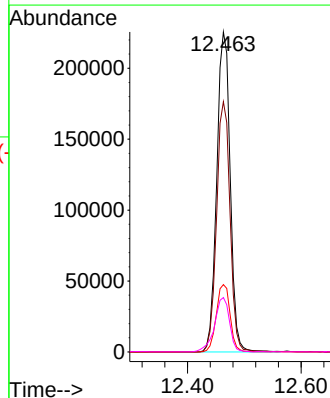
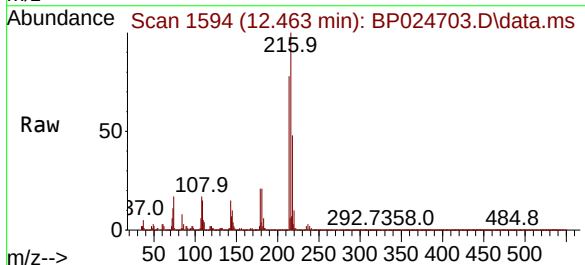
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

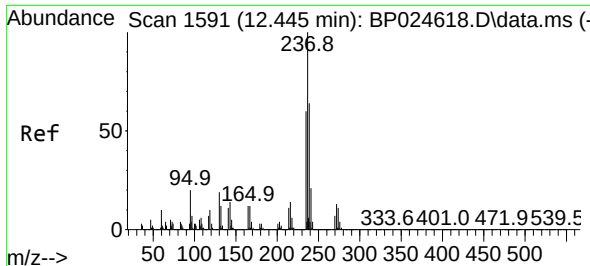
Tgt Ion:164 Resp: 316846
Ion Ratio Lower Upper
164 100
162 104.4 81.8 122.6
160 46.1 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.169 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:216 Resp: 369584
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 21.7 17.7 26.5
108 19.0 16.0 24.0

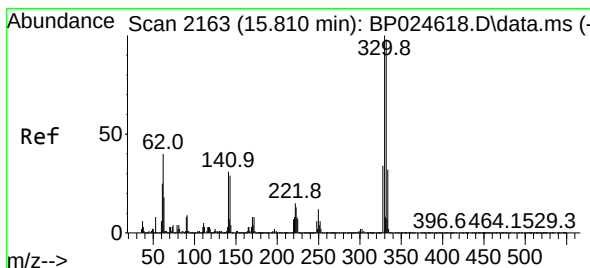
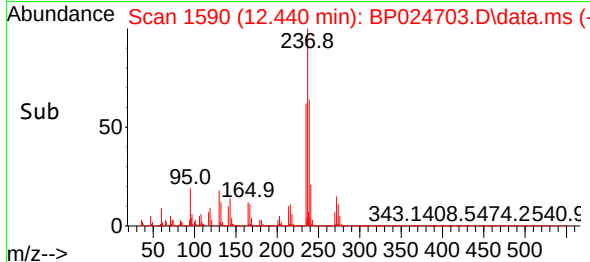
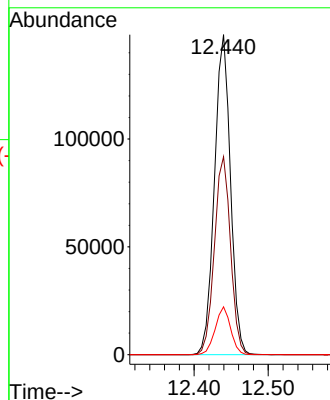
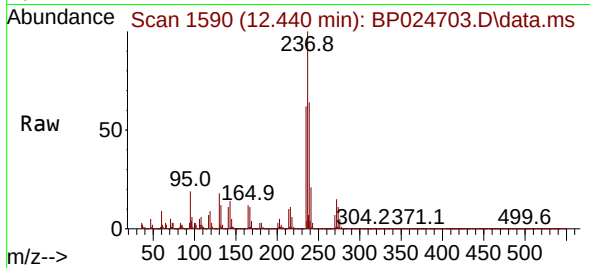




#41
Hexachlorocyclopentadiene
Concen: 39.860 ng
RT: 12.440 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

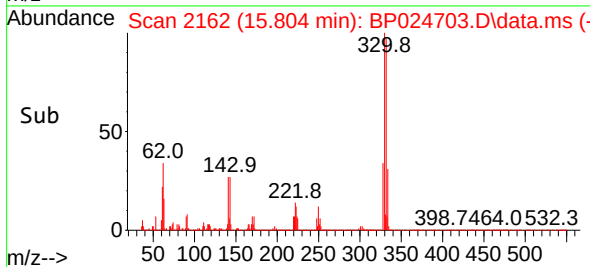
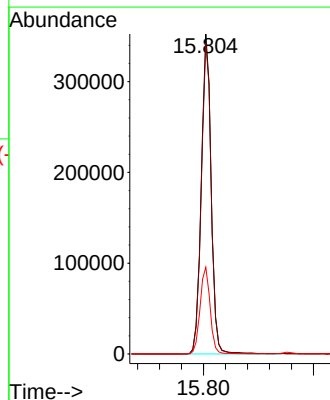
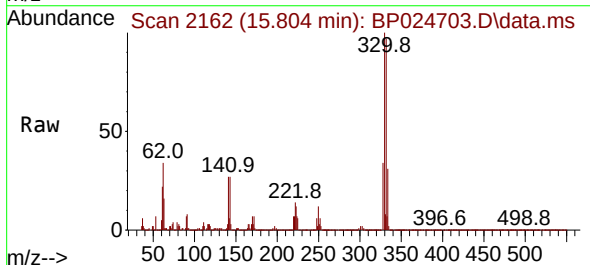
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

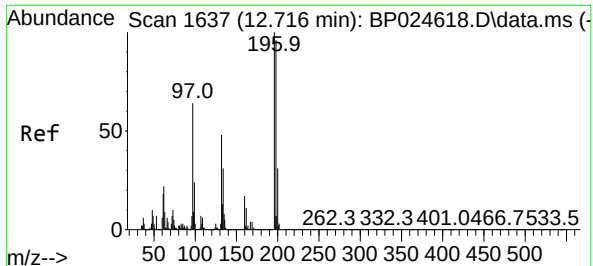
Tgt Ion:237 Resp: 222383
Ion Ratio Lower Upper
237 100
235 61.8 39.9 79.9
272 14.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 82.116 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:330 Resp: 441081
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.4
141 27.6 24.3 36.5

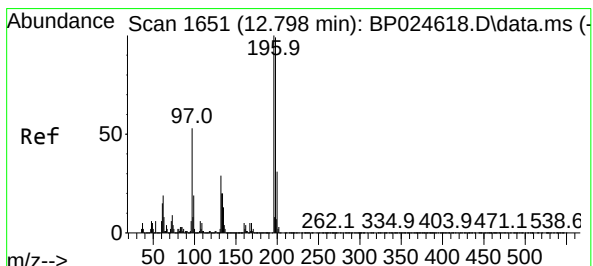
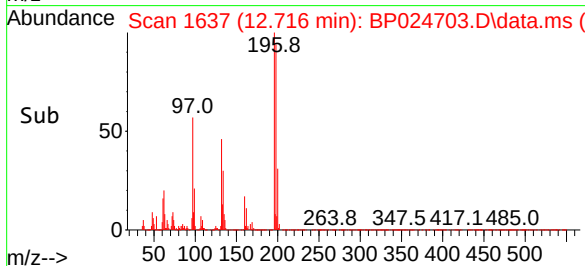
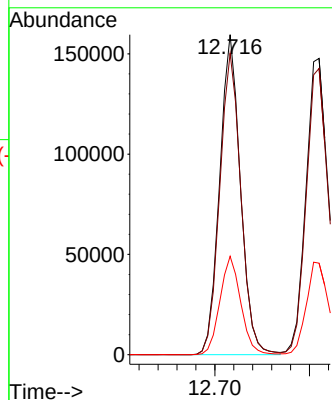
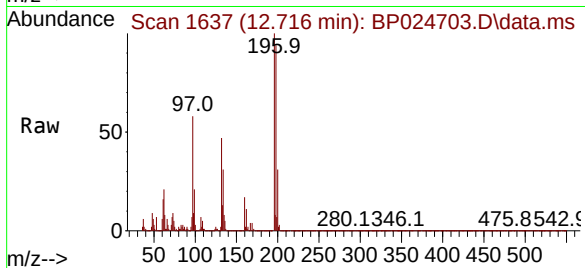




#43
2,4,6-Trichlorophenol
Concen: 40.826 ng
RT: 12.716 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

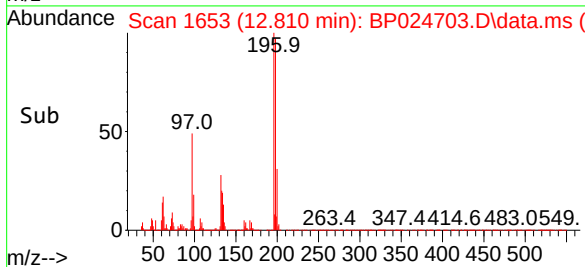
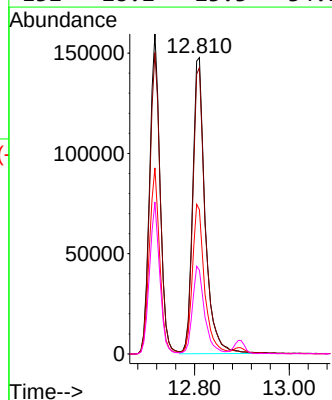
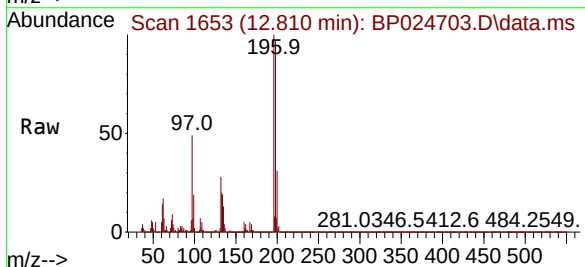
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

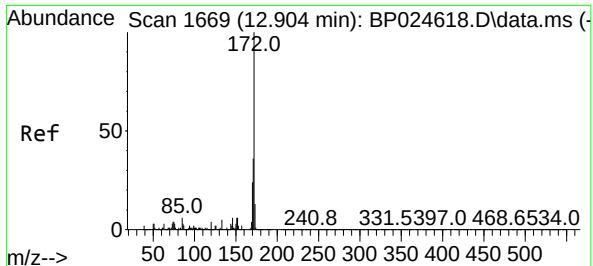
Tgt Ion:196 Resp: 243302
Ion Ratio Lower Upper
196 100
198 94.2 76.9 115.3
200 30.8 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 40.832 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:196 Resp: 270865
Ion Ratio Lower Upper
196 100
198 96.6 79.2 118.8
97 48.7 42.3 63.5
132 28.2 23.3 34.9

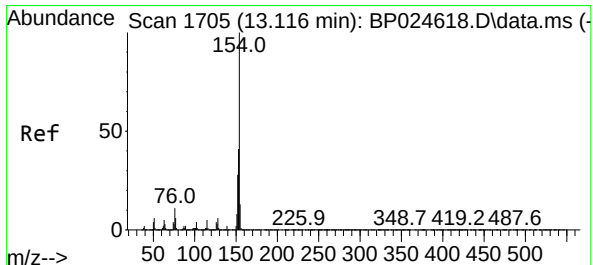
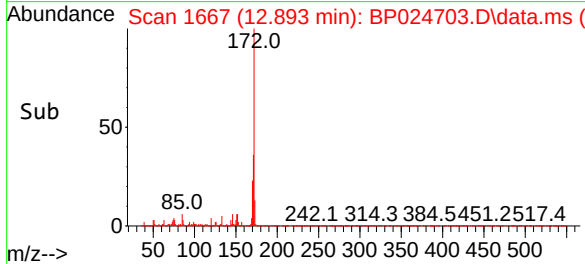
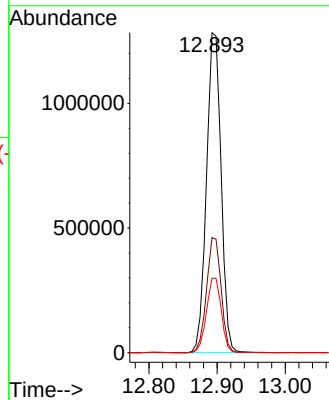
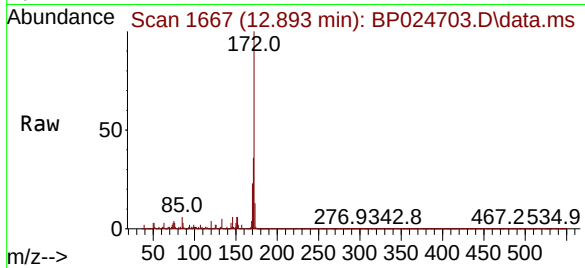




#45
2-Fluorobiphenyl
Concen: 79.243 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

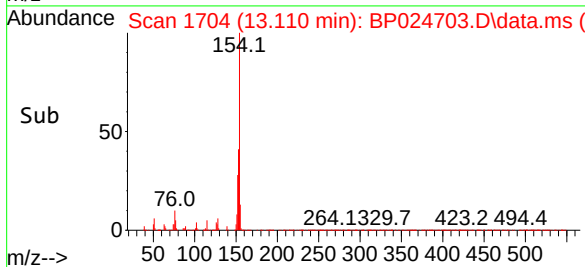
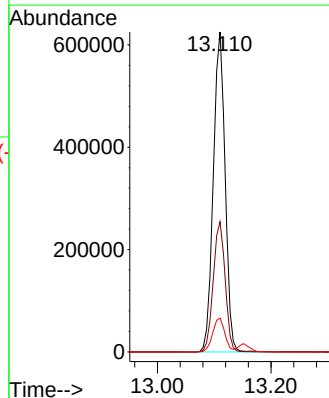
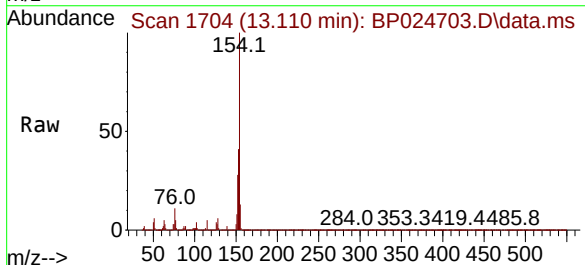
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

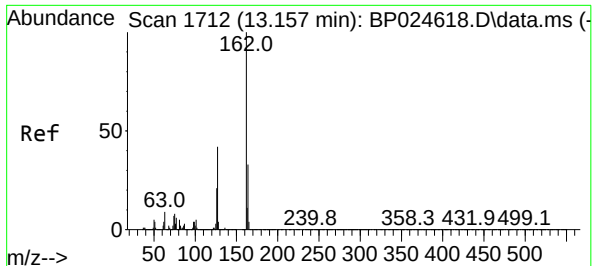
Tgt Ion:172 Resp: 1916443
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 38.417 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:154 Resp: 899673
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 10.6 0.0 31.5

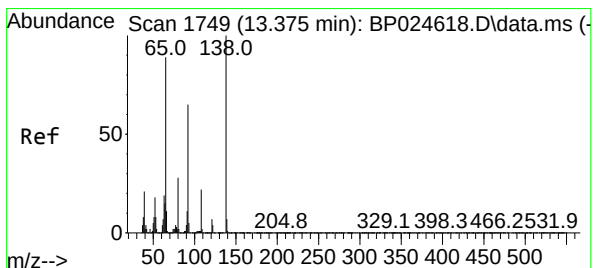
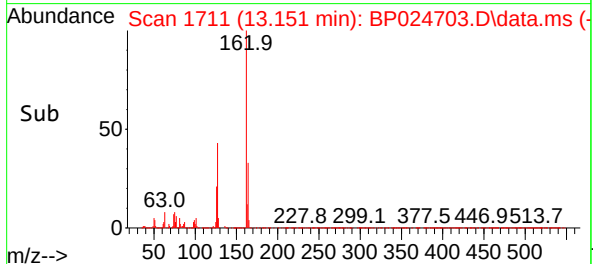
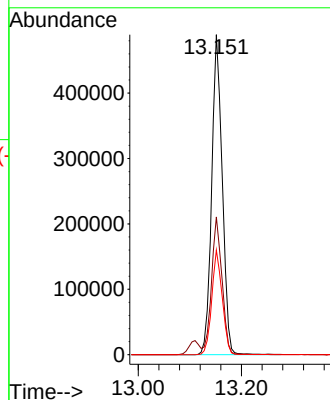
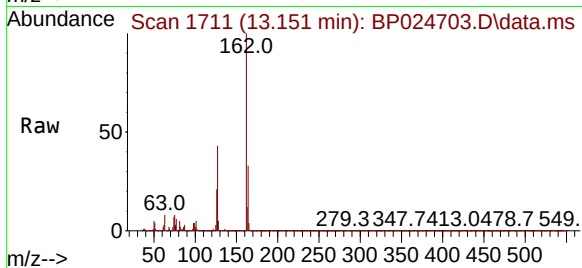




#47
2-Chloronaphthalene
Concen: 38.930 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

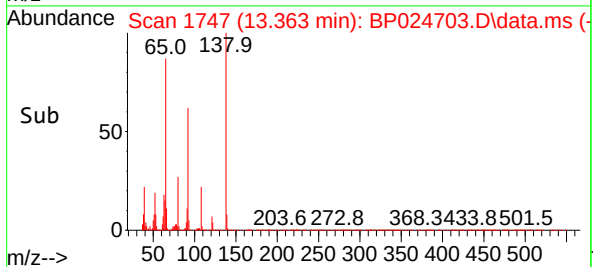
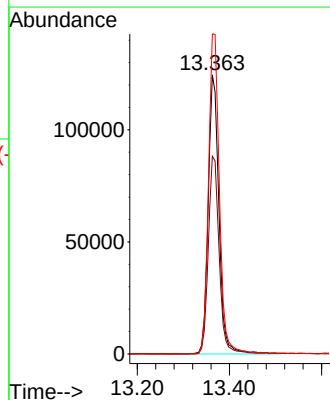
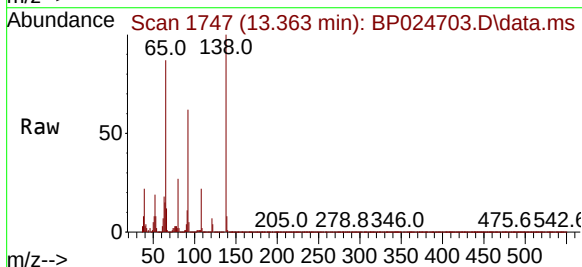
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

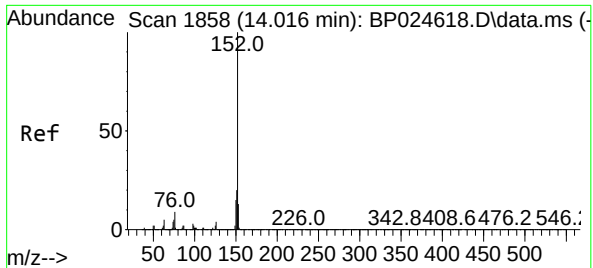
Tgt Ion:162 Resp: 695128
Ion Ratio Lower Upper
162 100
127 43.0 33.8 50.6
164 32.7 26.0 39.0



#48
2-Nitroaniline
Concen: 38.400 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion: 65 Resp: 203001
Ion Ratio Lower Upper
65 100
92 70.9 58.7 88.1
138 114.6 90.2 135.2





#49

Acenaphthylene

Concen: 38.009 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

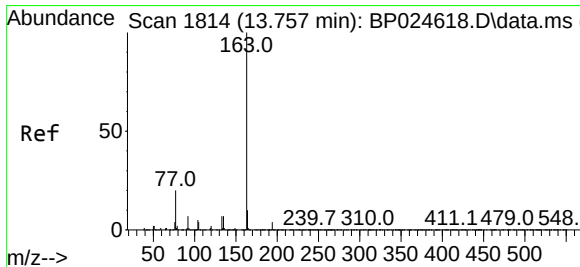
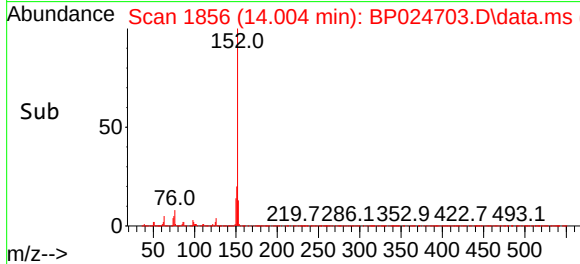
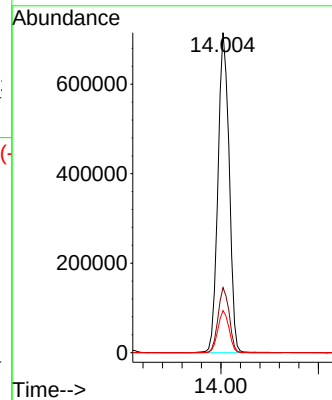
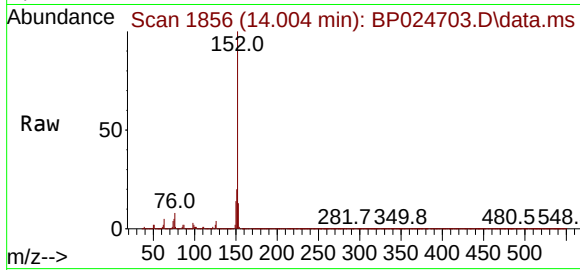
Tgt Ion:152 Resp: 1135762

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 37.061 ng

RT: 13.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

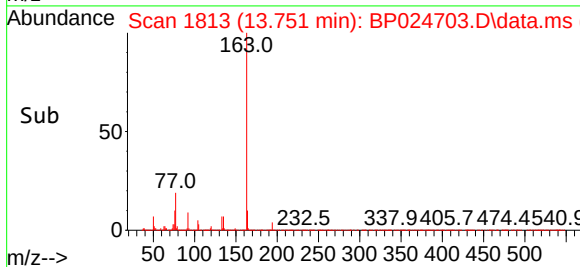
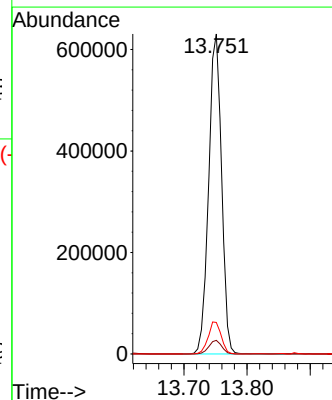
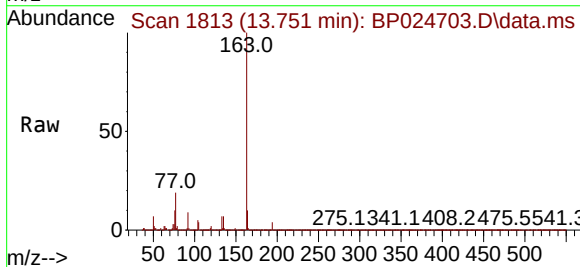
Tgt Ion:163 Resp: 895032

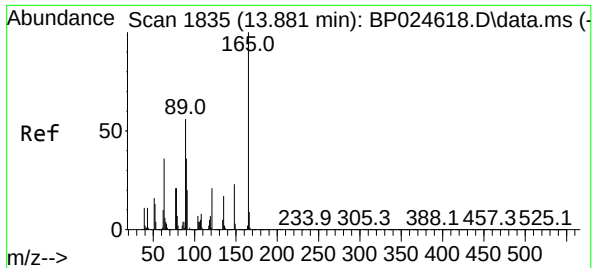
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.9 8.1 12.1

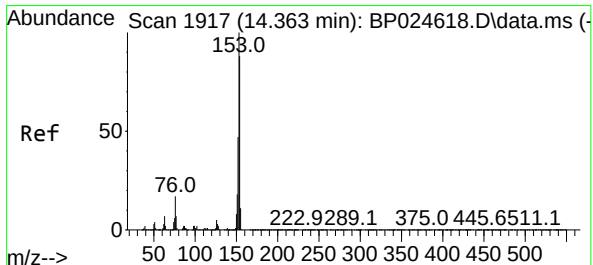
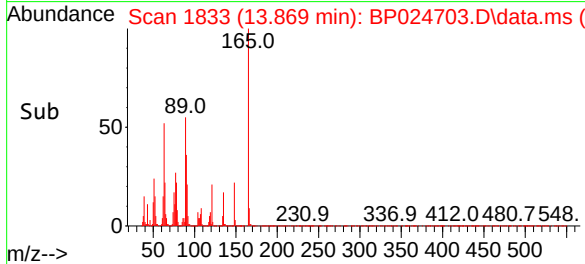
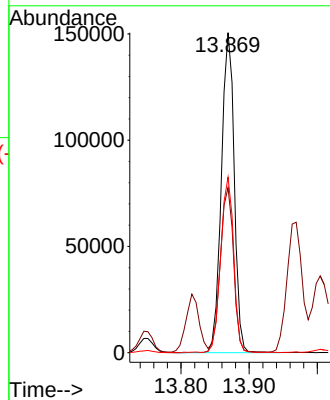
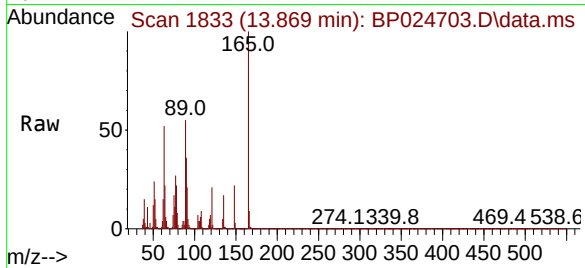




#51
2,6-Dinitrotoluene
Concen: 38.712 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

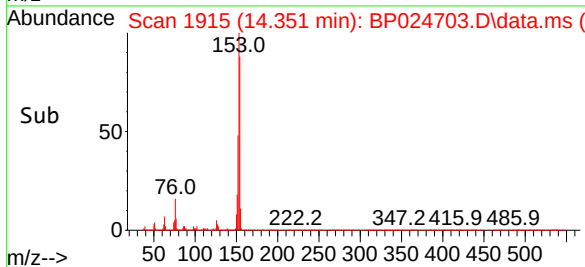
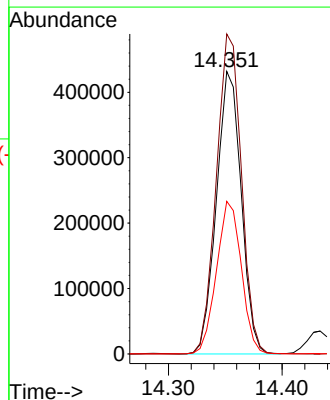
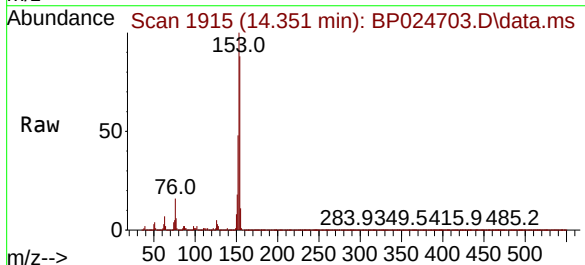
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

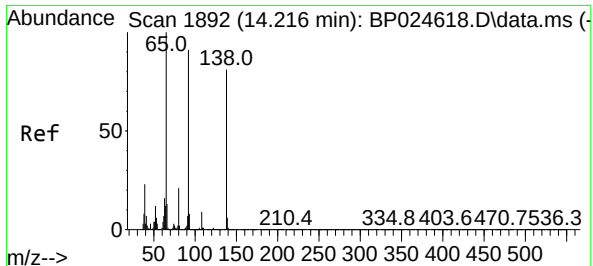
Tgt Ion:165 Resp: 197446
Ion Ratio Lower Upper
165 100
63 51.6 42.4 63.6
89 54.8 44.8 67.2



#52
Acenaphthene
Concen: 38.193 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:154 Resp: 656098
Ion Ratio Lower Upper
154 100
153 113.3 91.0 136.4
152 54.0 42.9 64.3

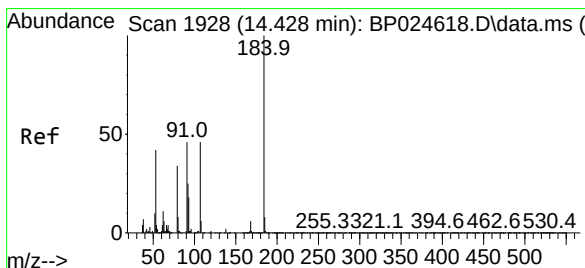
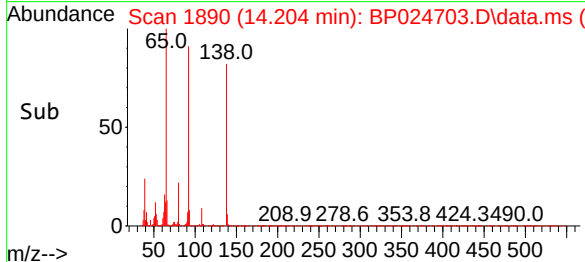
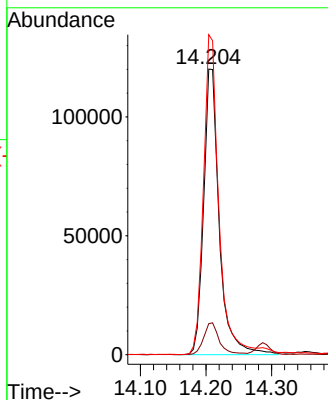
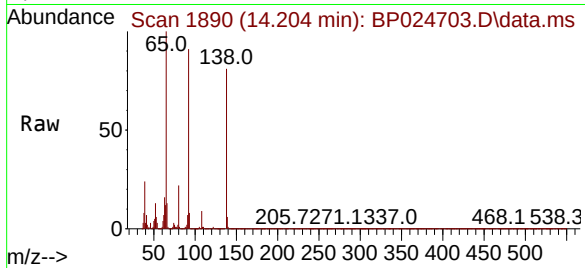




#53
3-Nitroaniline
Concen: 38.296 ng
RT: 14.204 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

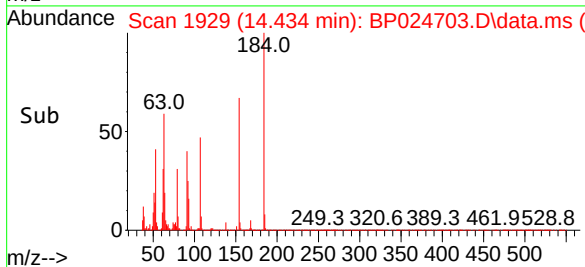
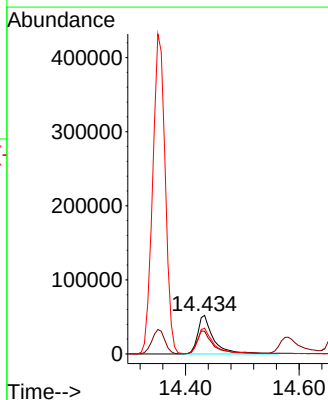
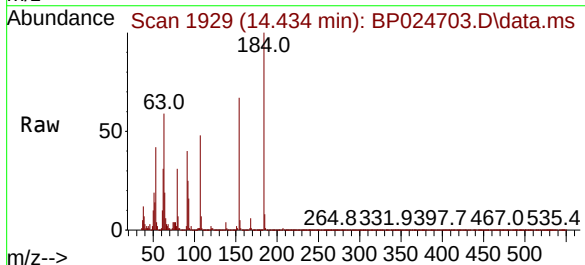
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

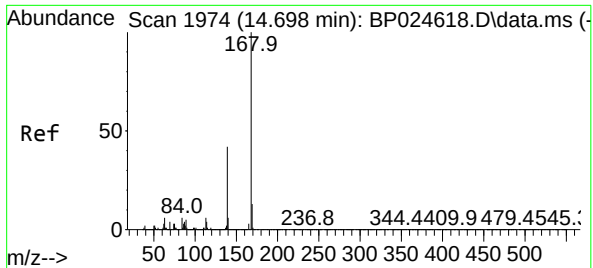
Tgt Ion:138 Resp: 199441
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 112.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 35.323 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:184 Resp: 101110
Ion Ratio Lower Upper
184 100
63 59.1 51.3 76.9
154 67.1 53.5 80.3

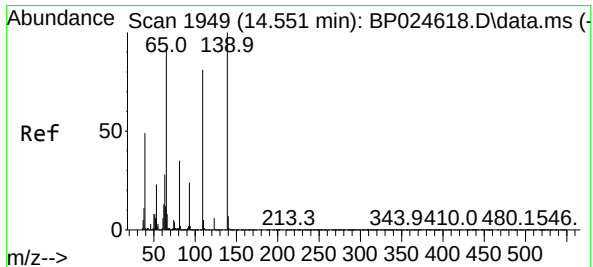
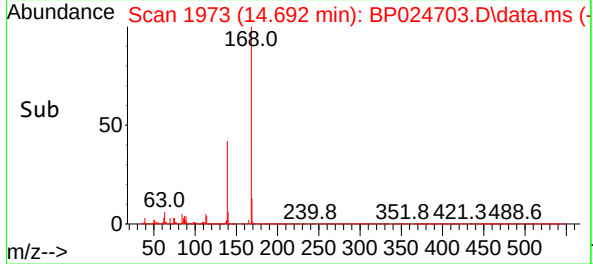
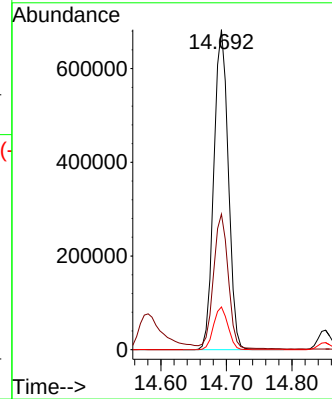
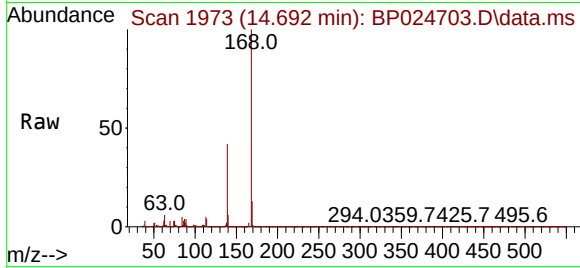




#55
Dibenzofuran
Concen: 38.252 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

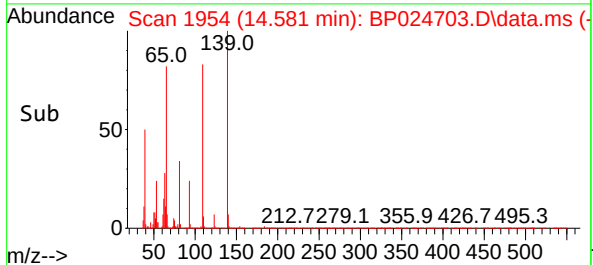
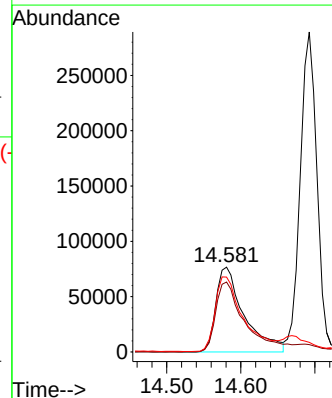
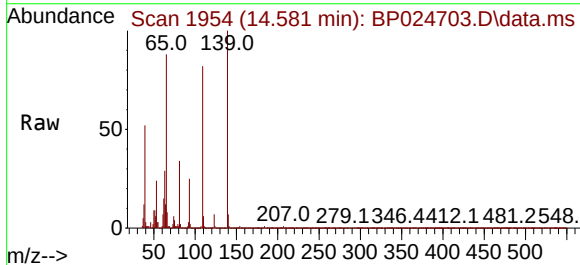
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

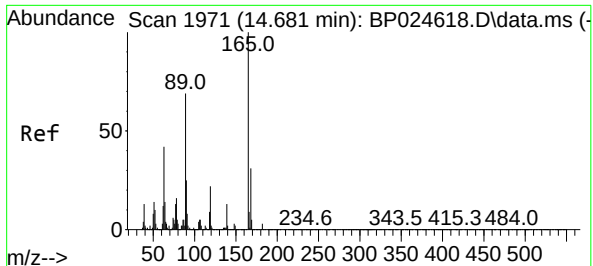
Tgt Ion:168 Resp: 1048113
Ion Ratio Lower Upper
168 100
139 42.3 34.2 51.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 46.802 ng
RT: 14.581 min Scan# 1954
Delta R.T. 0.030 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:139 Resp: 202652
Ion Ratio Lower Upper
139 100
109 82.4 61.4 101.4
65 88.3 72.2 112.2

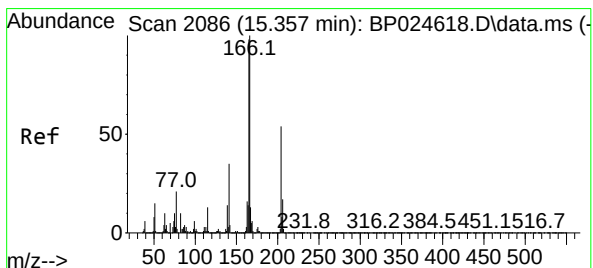
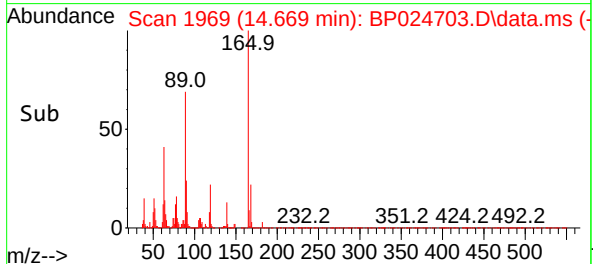
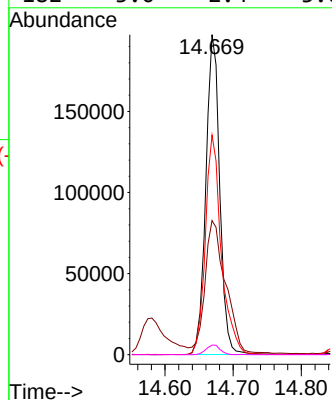
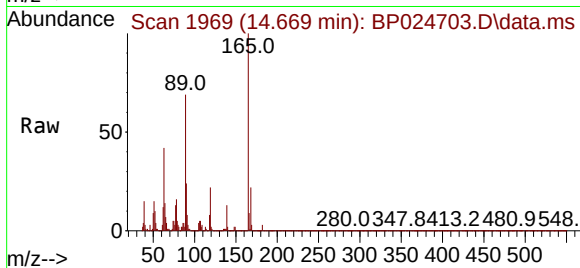




#57
2,4-Dinitrotoluene
Concen: 38.874 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

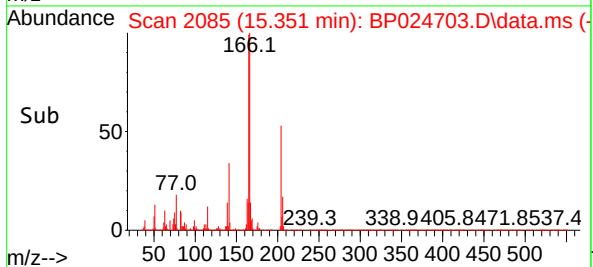
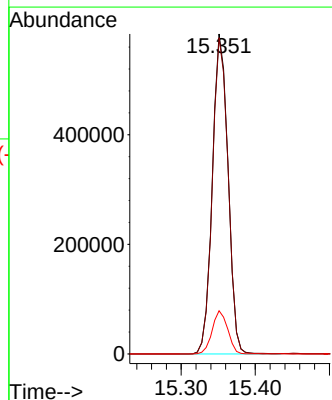
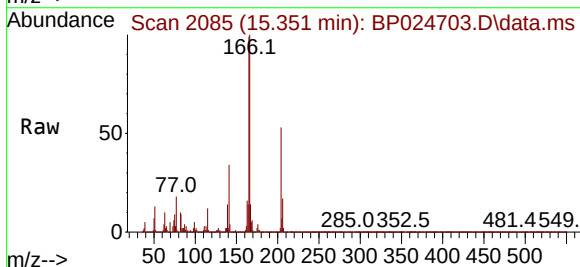
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

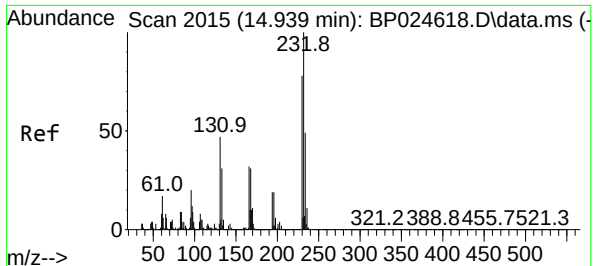
Tgt Ion:165 Resp: 279529
Ion Ratio Lower Upper
165 100
63 41.9 33.8 50.6
89 68.6 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 38.395 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:166 Resp: 857836
Ion Ratio Lower Upper
166 100
165 98.8 78.5 117.7
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.256 ng

RT: 14.939 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 241572

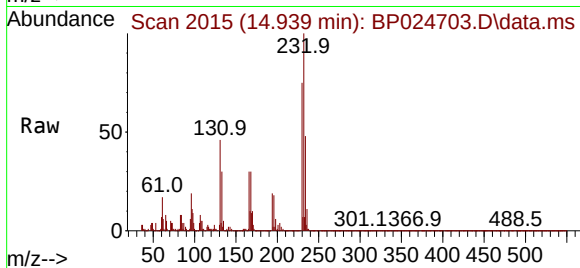
Ion Ratio Lower Upper

232 100

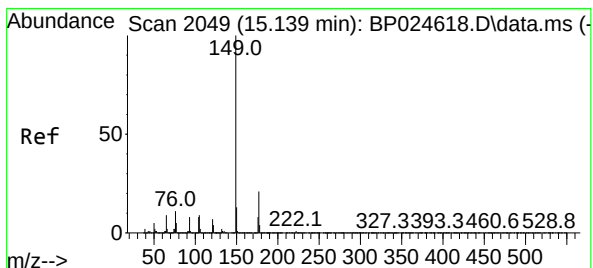
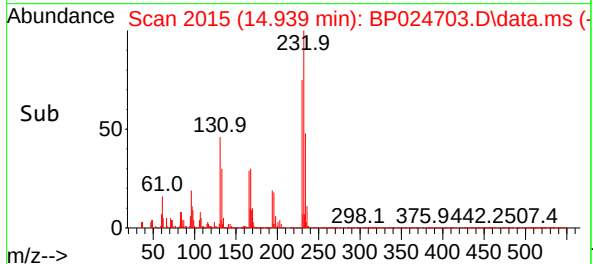
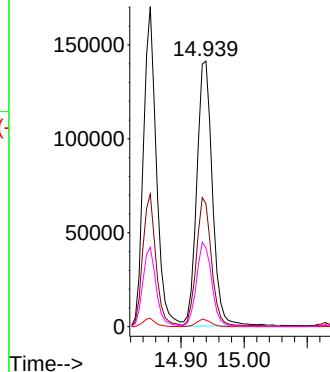
131 47.1 39.5 59.3

130 2.7 2.2 3.4

166 31.0 25.7 38.5



Abundance



#60

Diethylphthalate

Concen: 37.342 ng

RT: 15.128 min Scan# 2047

Delta R.T. -0.012 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

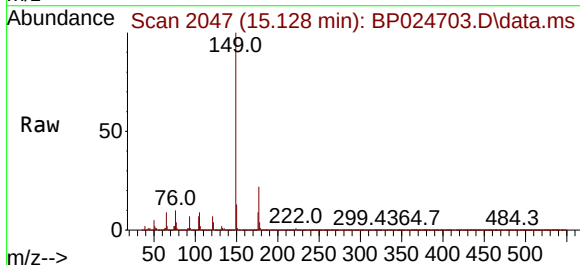
Tgt Ion:149 Resp: 911477

Ion Ratio Lower Upper

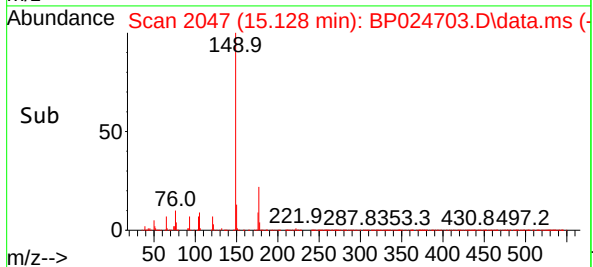
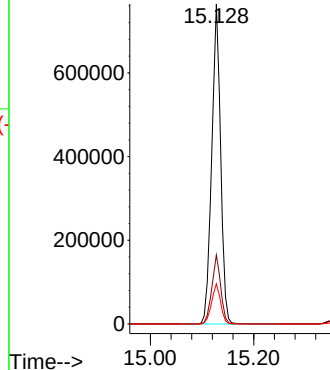
149 100

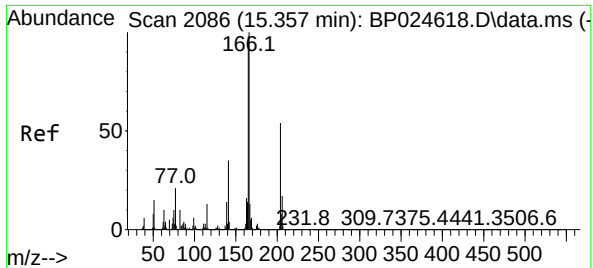
177 21.6 16.7 25.1

150 12.5 10.2 15.2



Abundance

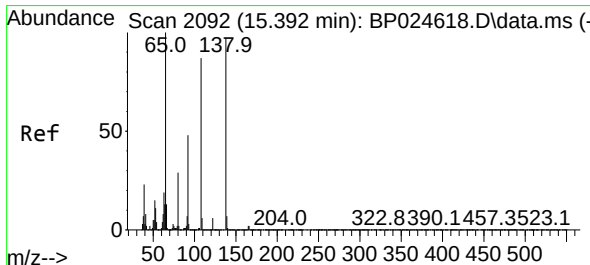
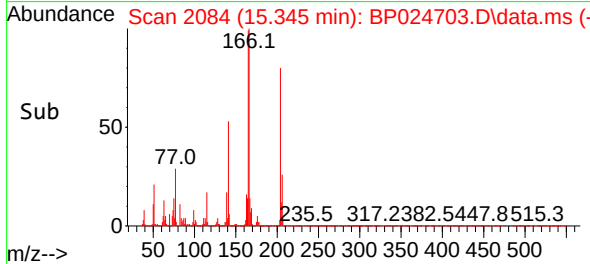
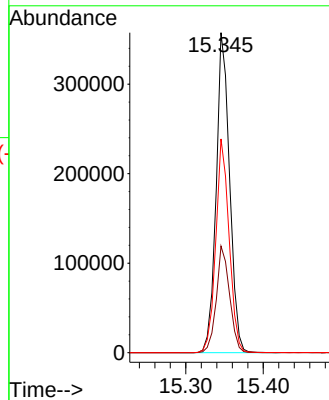
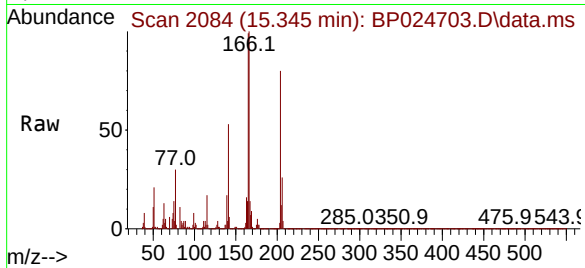




#61
4-Chlorophenyl-phenylether
Concen: 38.622 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

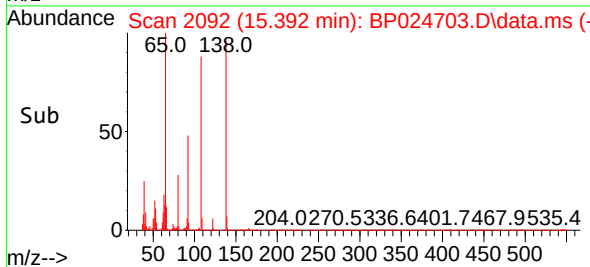
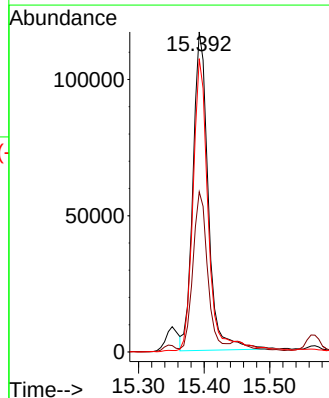
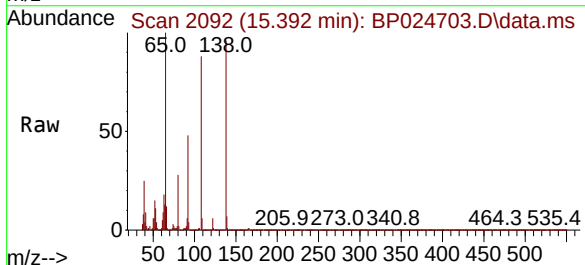
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

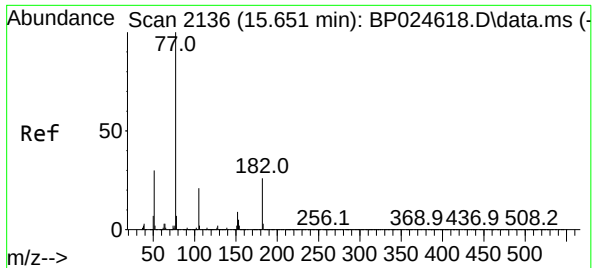
Tgt Ion:204 Resp: 430331
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 66.8 52.9 79.3



#62
4-Nitroaniline
Concen: 37.633 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:138 Resp: 189242
Ion Ratio Lower Upper
138 100
92 50.1 29.2 69.2
108 91.6 69.0 109.0

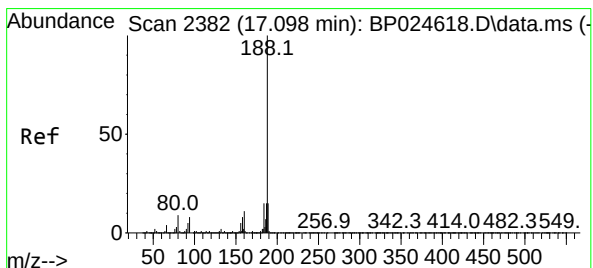
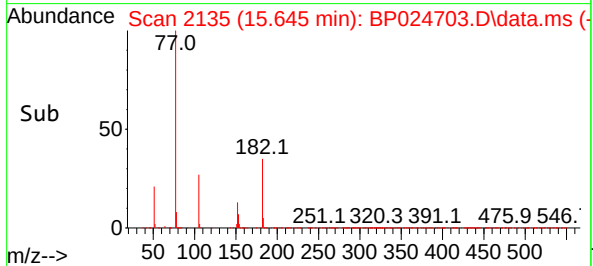
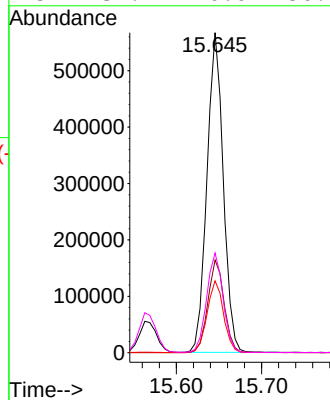
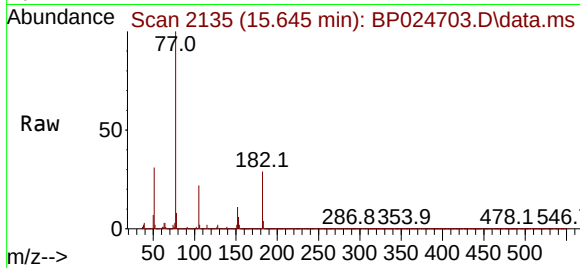




#63
Azobenzene
Concen: 36.055 ng
RT: 15.645 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

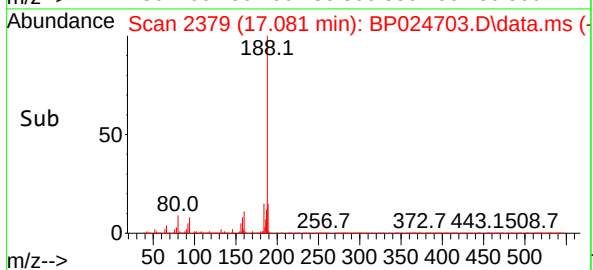
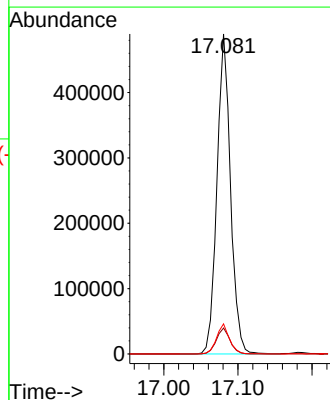
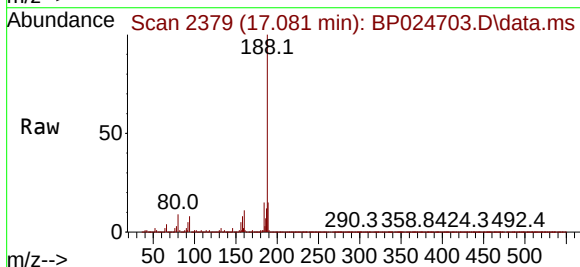
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

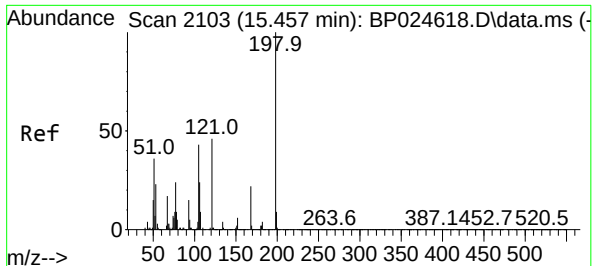
Tgt Ion:	77	Resp:	752861
Ion	Ratio	Lower	Upper
77	100		
182	29.0	5.7	45.7
105	22.4	1.3	41.3
51	31.1	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:	188	Resp:	620396
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.5	9.7
80	9.4	7.3	10.9

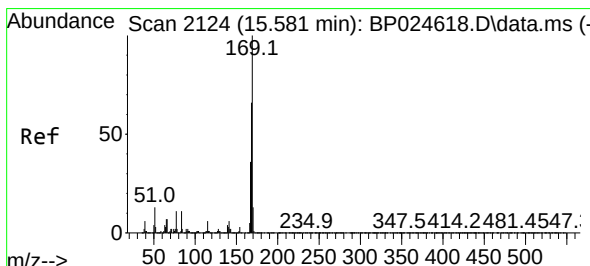
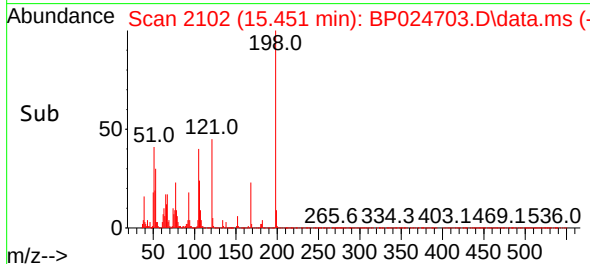
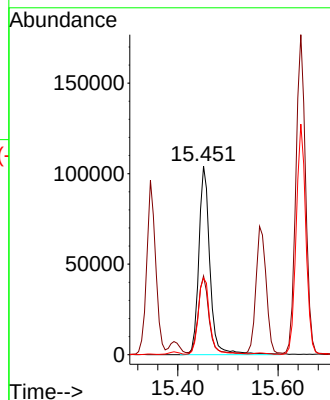
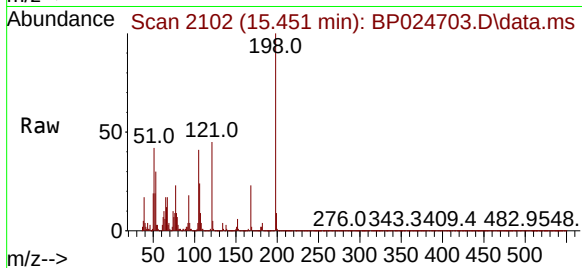




#65
4,6-Dinitro-2-methylphenol
Concen: 39.652 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

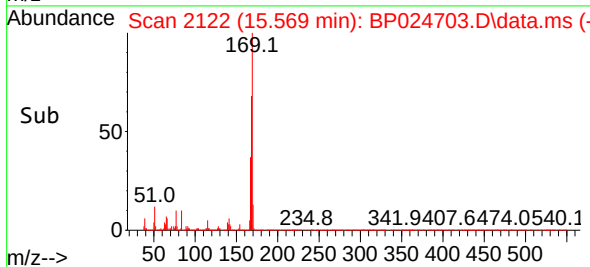
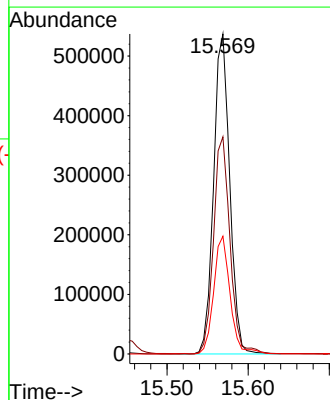
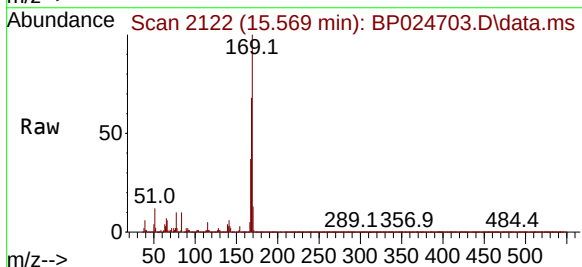
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

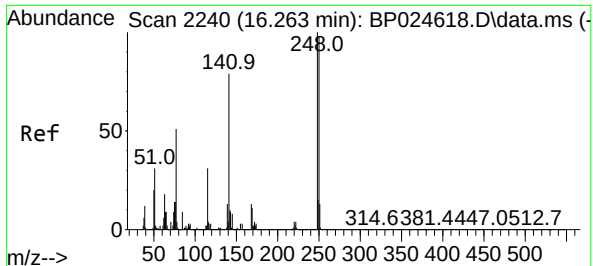
Tgt Ion:198 Resp: 158899
Ion Ratio Lower Upper
198 100
51 41.7 21.1 61.1
105 40.6 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 38.839 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:169 Resp: 740115
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 36.8 28.6 43.0

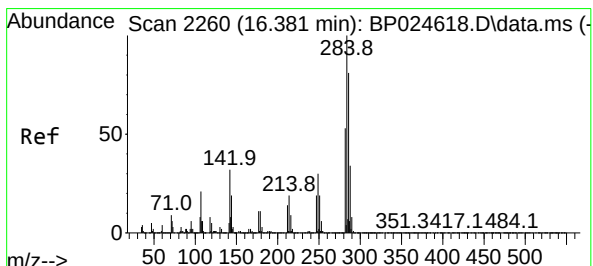
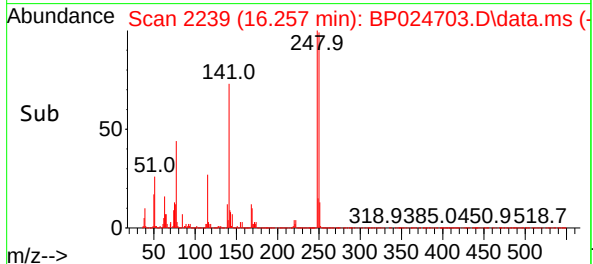
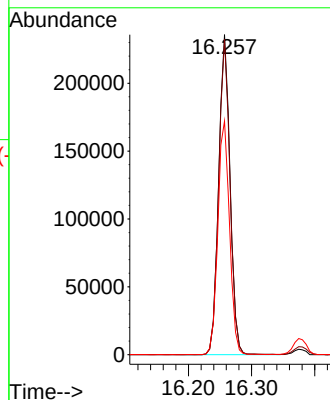
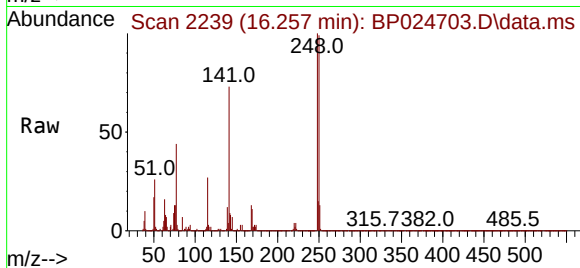




#67
4-Bromophenyl-phenylether
Concen: 40.410 ng
RT: 16.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

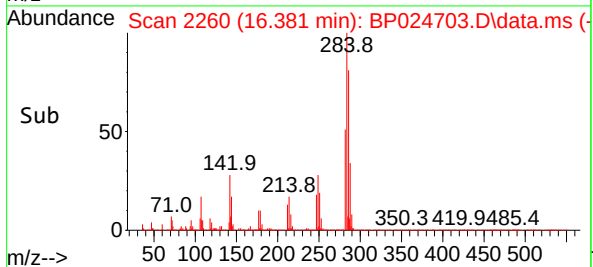
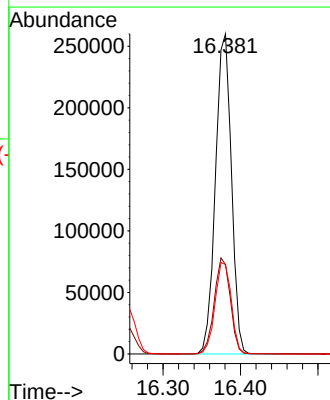
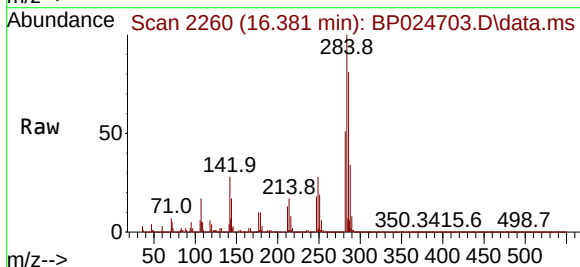
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

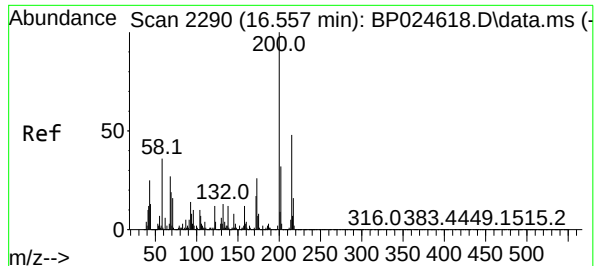
Tgt Ion:248 Resp: 295412
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 73.0 63.0 94.6



#68
Hexachlorobenzene
Concen: 39.938 ng
RT: 16.381 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:284 Resp: 370994
Ion Ratio Lower Upper
284 100
142 28.0 25.9 38.9
249 28.0 24.1 36.1





#69

Atrazine

Concen: 39.750 ng

RT: 16.545 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

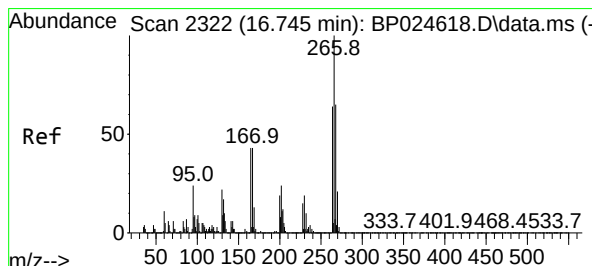
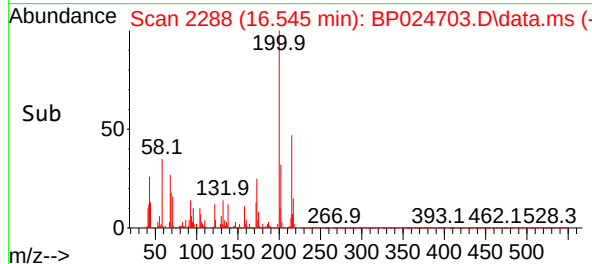
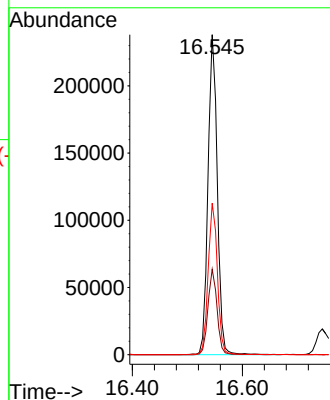
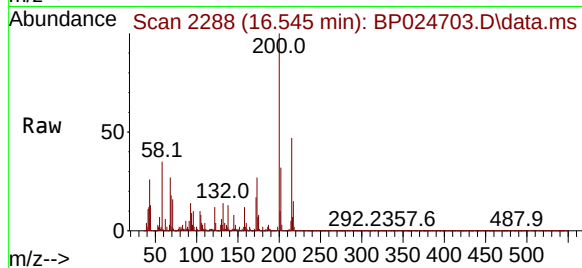
Tgt Ion:200 Resp: 277598

Ion Ratio Lower Upper

200 100

173 26.7 5.9 45.9

215 47.3 28.3 68.3



#70

Pentachlorophenol

Concen: 39.278 ng

RT: 16.745 min Scan# 2322

Delta R.T. -0.000 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

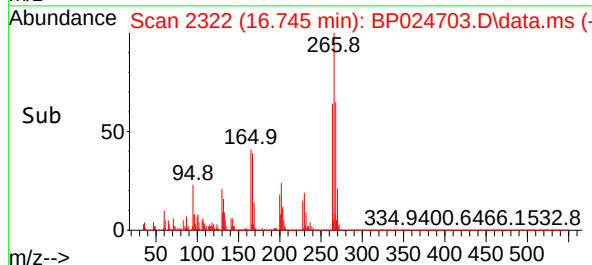
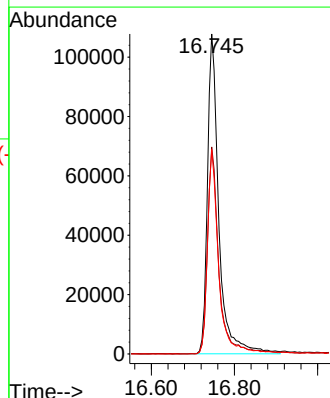
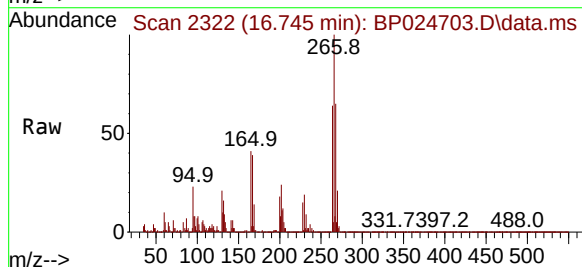
Tgt Ion:266 Resp: 204812

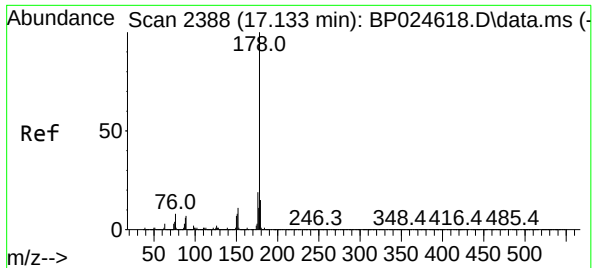
Ion Ratio Lower Upper

266 100

268 64.7 52.2 78.4

264 63.9 51.1 76.7

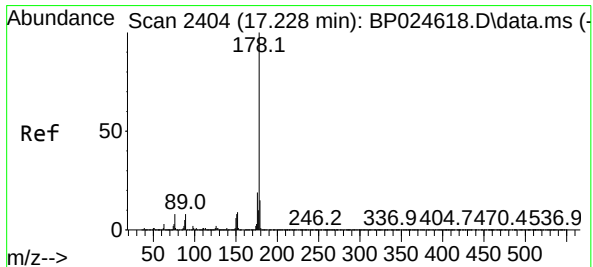
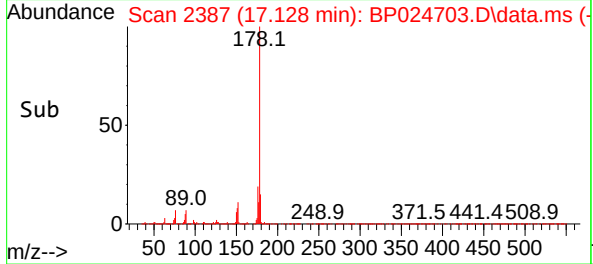
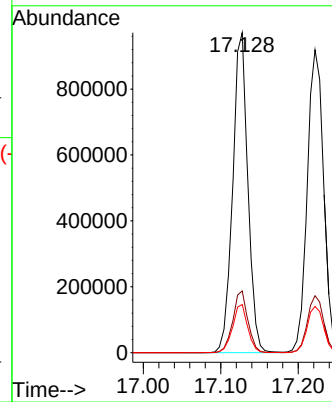
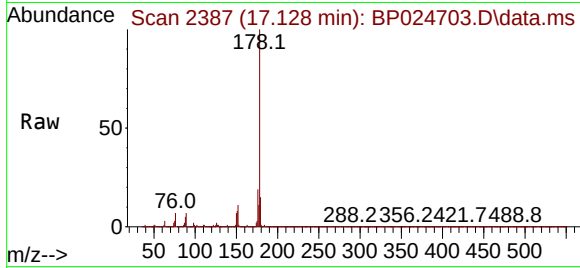




#71
Phenanthrene
Concen: 38.323 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

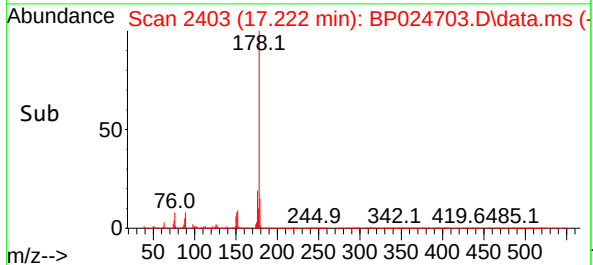
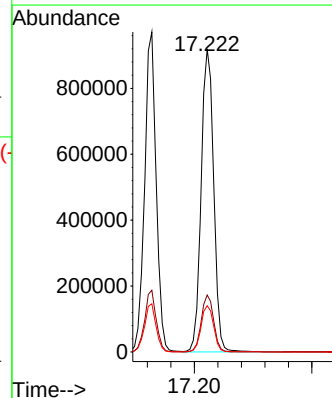
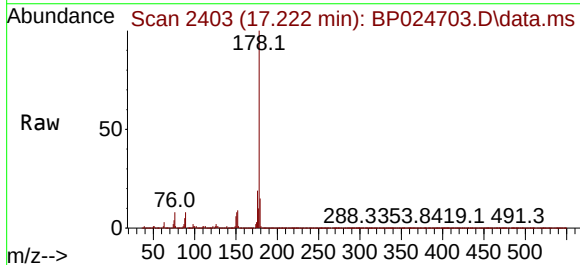
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

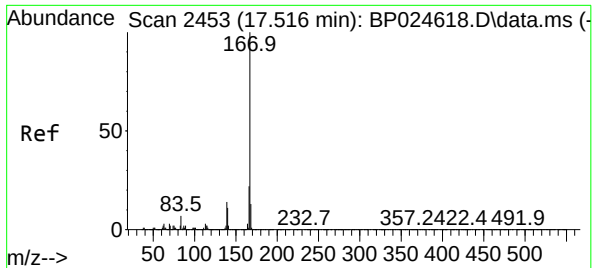
Tgt Ion:178 Resp: 1321707
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.0 12.2 18.4



#72
Anthracene
Concen: 39.076 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:178 Resp: 1355916
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.2

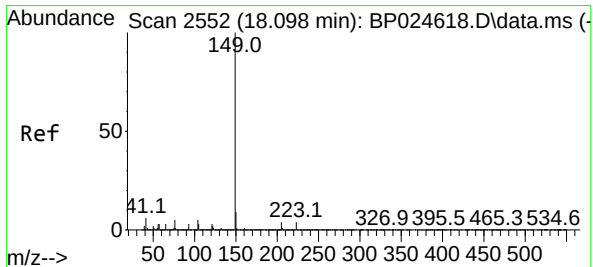
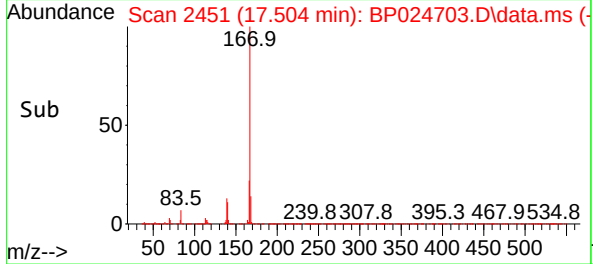
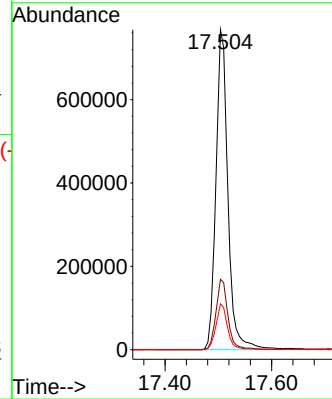
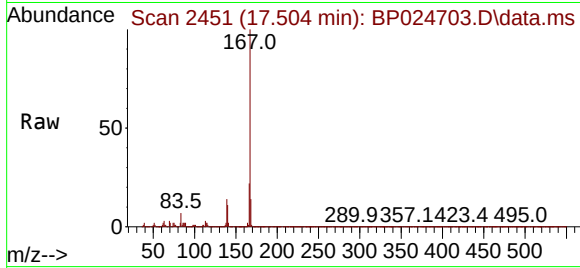




#73
Carbazole
Concen: 38.152 ng
RT: 17.504 min Scan# 2451
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

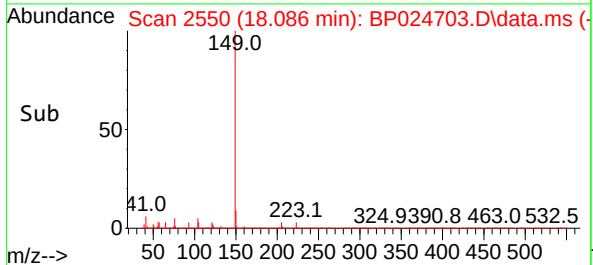
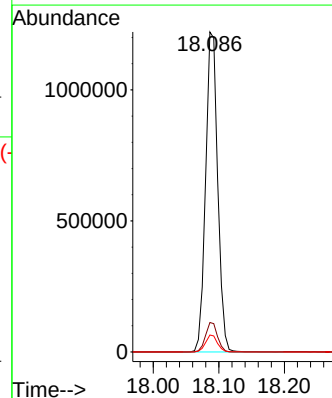
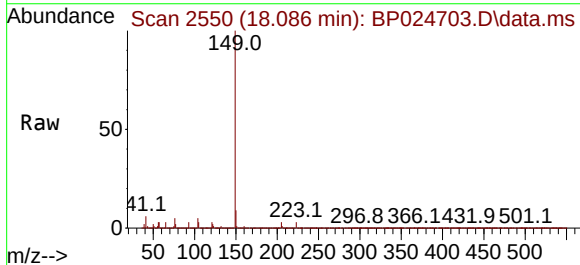
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

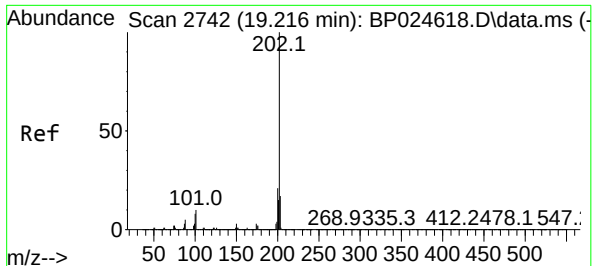
Tgt Ion:167 Resp: 1198207
Ion Ratio Lower Upper
167 100
166 22.0 17.7 26.5
139 14.4 11.3 16.9



#74
Di-n-butylphthalate
Concen: 38.795 ng
RT: 18.086 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:149 Resp: 1566966
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.3 4.3 6.5

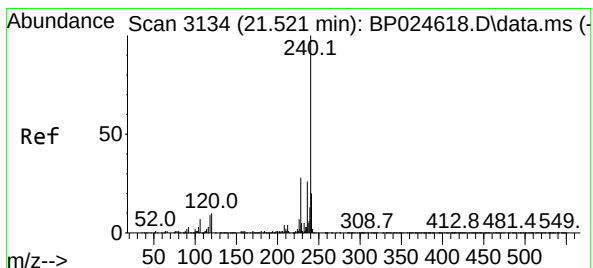
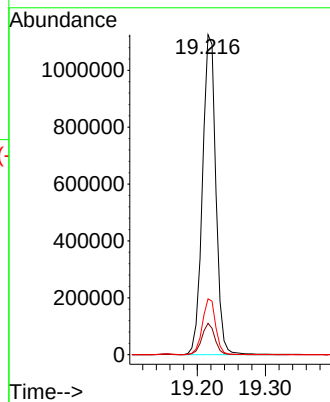
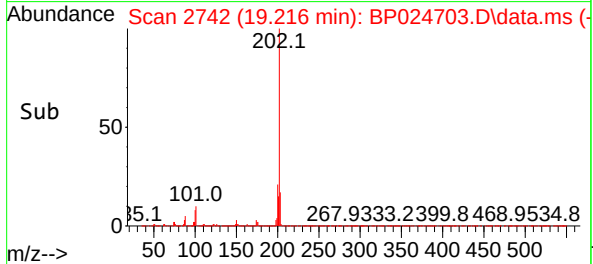
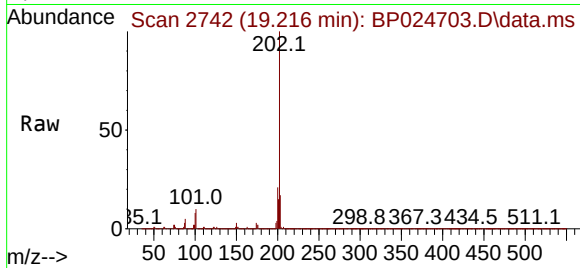




#75
Fluoranthene
Concen: 37.992 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

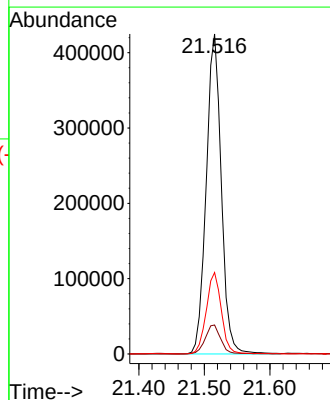
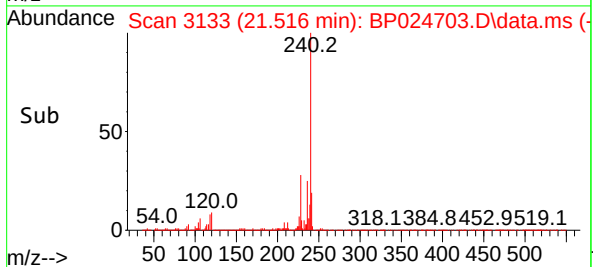
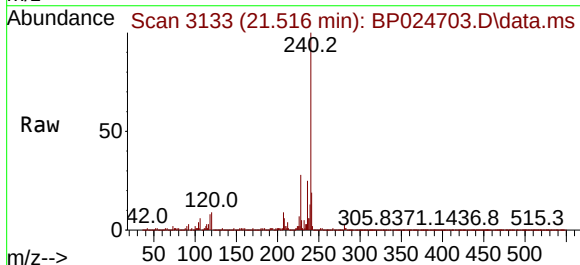
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

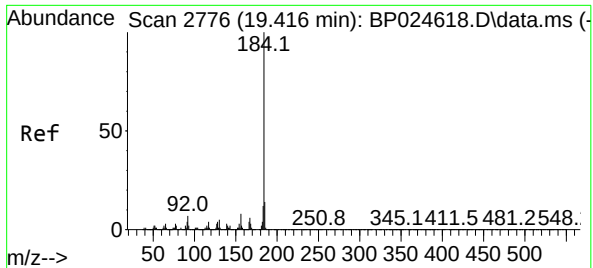
Tgt Ion:202 Resp: 1531668
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.3
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:240 Resp: 679929
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.4 20.6 31.0

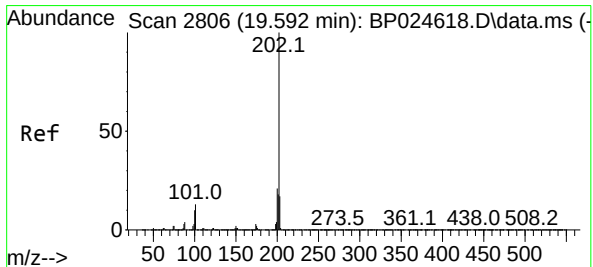
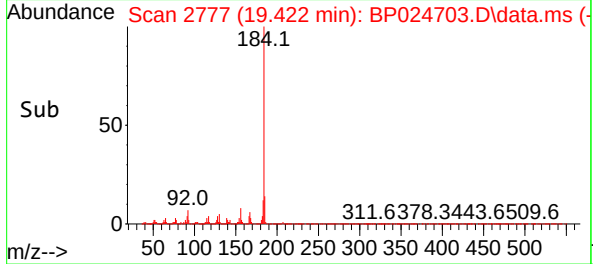
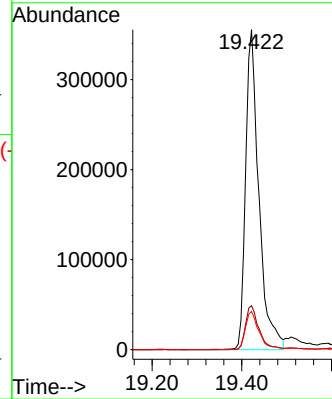
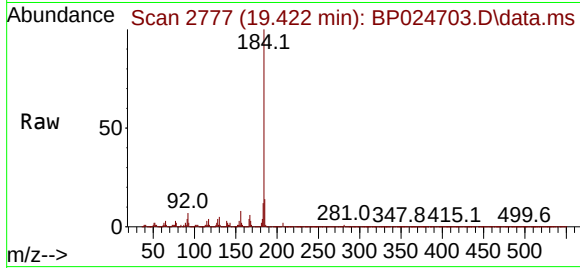




#77
Benzidine
Concen: 39.203 ng
RT: 19.422 min Scan# 2777
Delta R.T. 0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

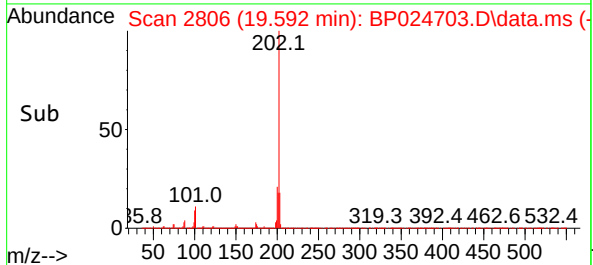
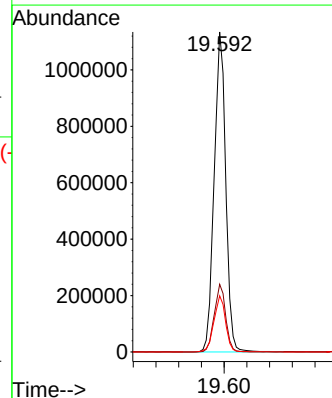
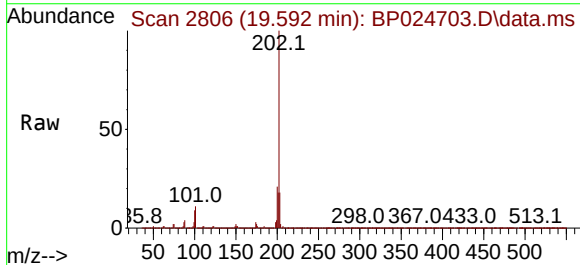
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

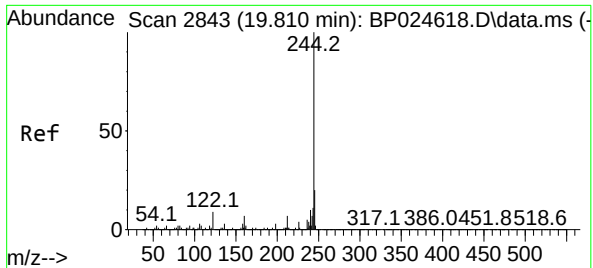
Tgt Ion:184 Resp: 725976
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 12.0 9.8 14.8



#78
Pyrene
Concen: 39.077 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:202 Resp: 1591992
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 13.9 20.9

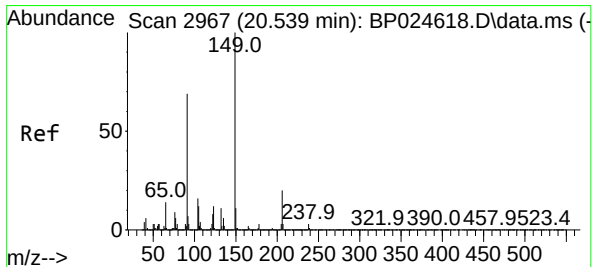
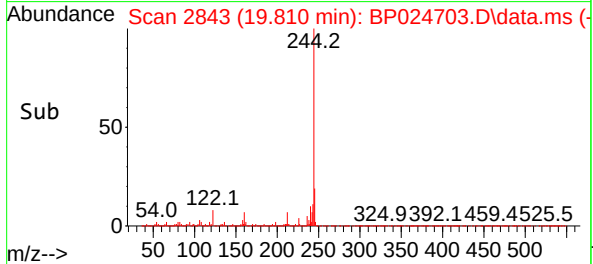
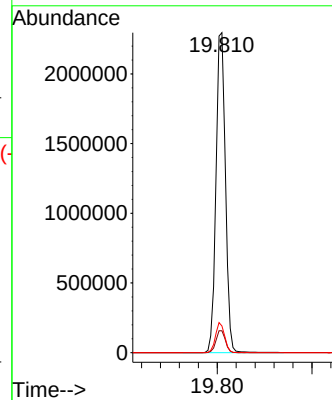
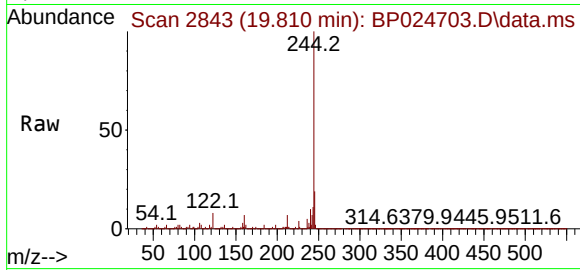




#79
 Terphenyl-d14
 Concen: 80.045 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: BP024703.D
 Acq: 20 May 2025 11:52

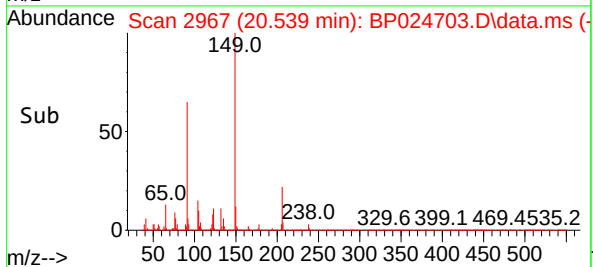
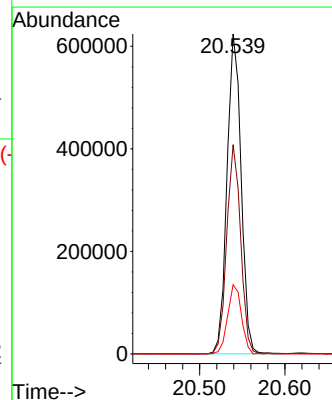
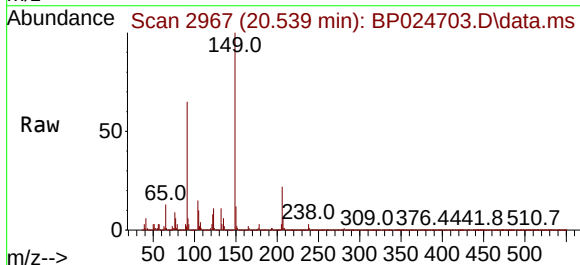
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

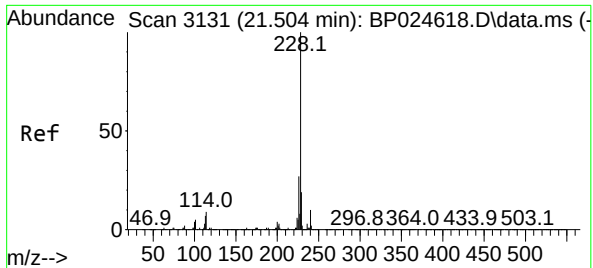
Tgt Ion:244 Resp: 3174042
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 8.4 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 39.544 ng
 RT: 20.539 min Scan# 2967
 Delta R.T. -0.000 min
 Lab File: BP024703.D
 Acq: 20 May 2025 11:52

Tgt Ion:149 Resp: 716477
 Ion Ratio Lower Upper
 149 100
 91 65.4 55.4 83.0
 206 21.7 16.2 24.2

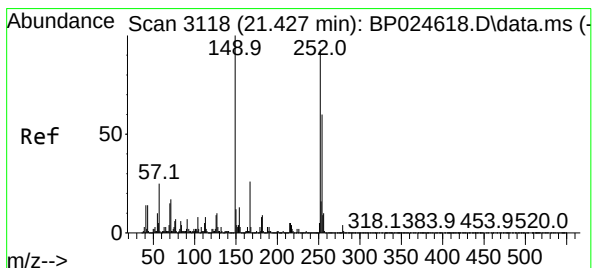
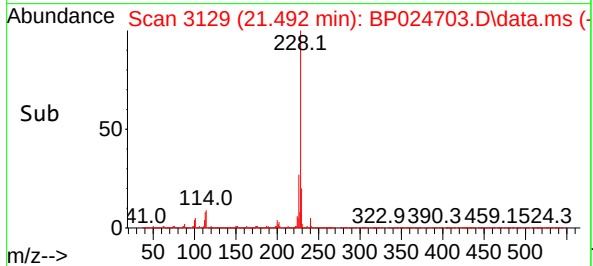
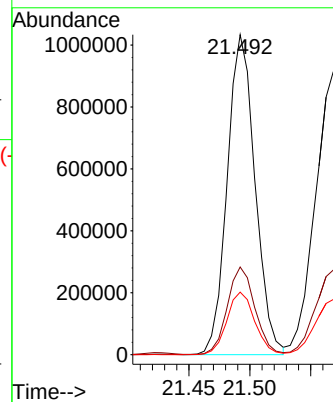
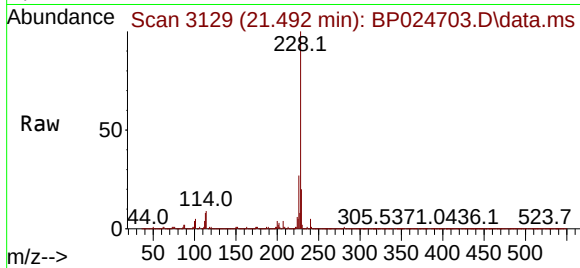




#81
Benzo(a)anthracene
Concen: 38.539 ng
RT: 21.492 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

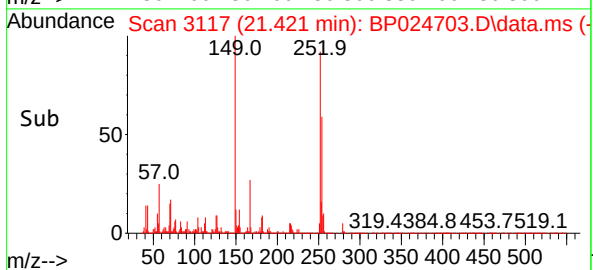
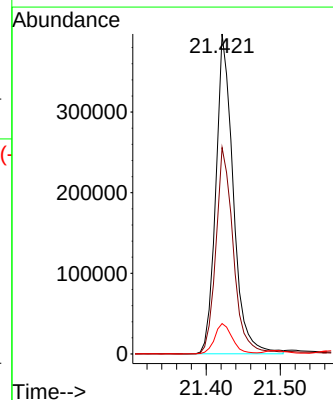
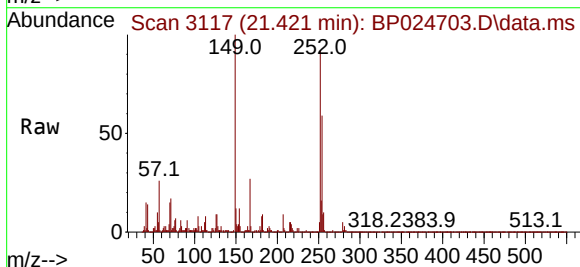
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

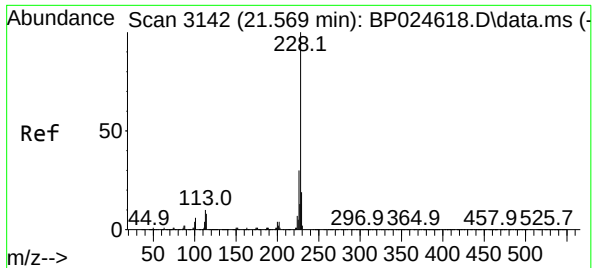
Tgt Ion:228 Resp: 1645382
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 40.800 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:252 Resp: 646986
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.6
126 9.5 7.7 11.5

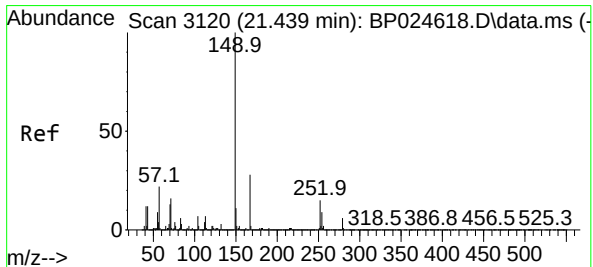
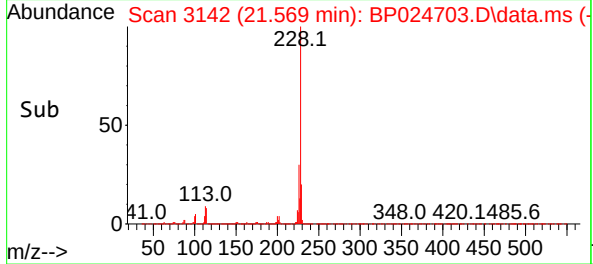
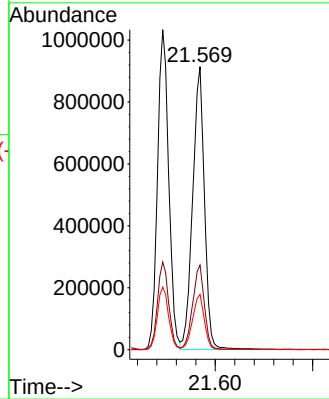
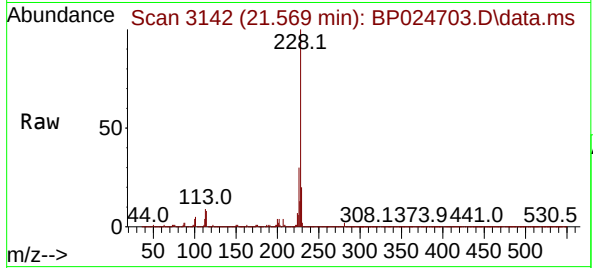




#83
Chrysene
Concen: 38.139 ng
RT: 21.569 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

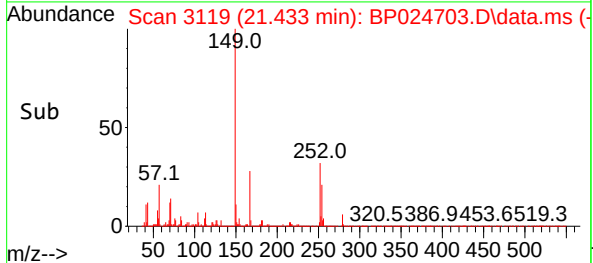
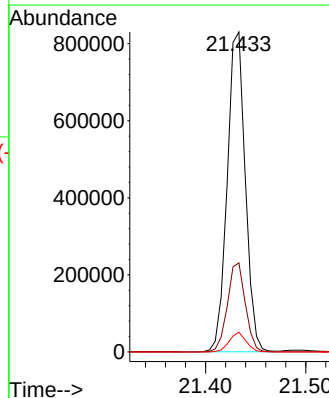
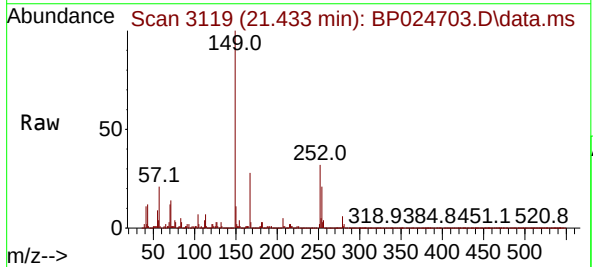
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

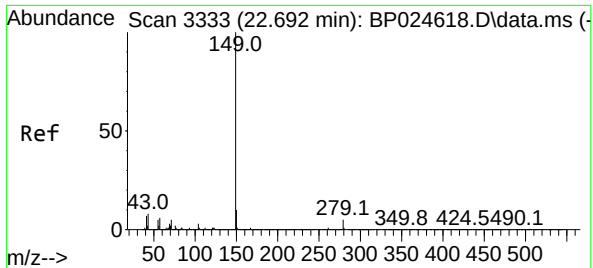
Tgt Ion:228 Resp: 1543547
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.5 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.018 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:149 Resp: 1039093
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 6.2 4.6 6.8

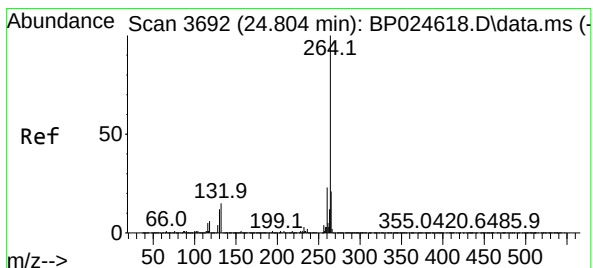
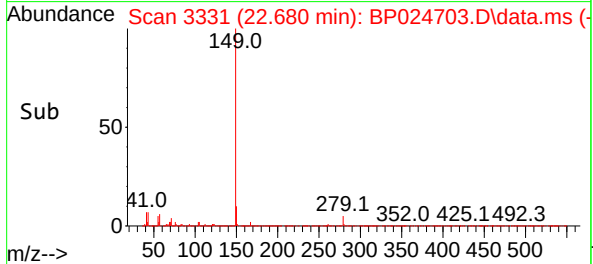
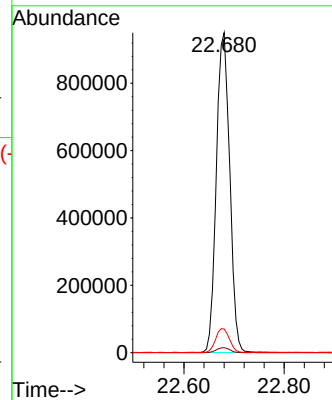
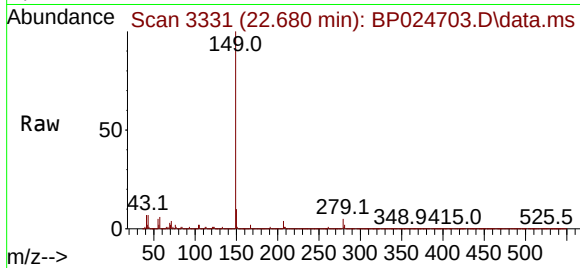




#85
Di-n-octyl phthalate
Concen: 40.266 ng
RT: 22.680 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

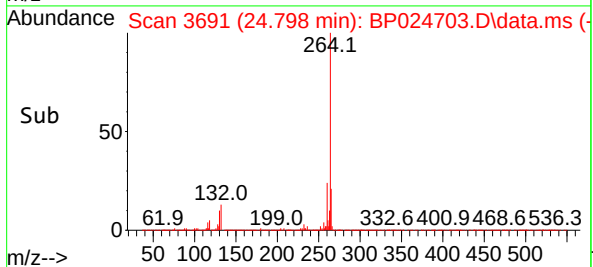
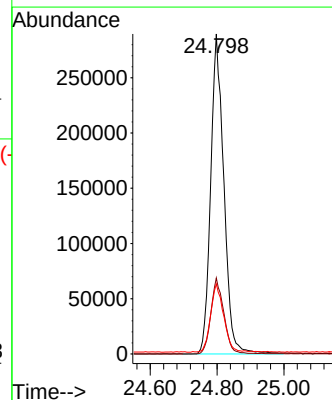
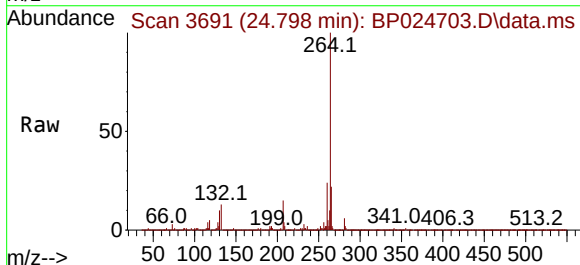
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

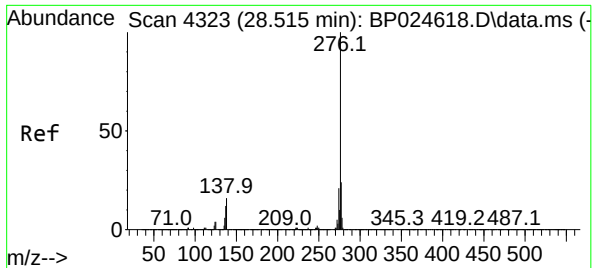
Tgt Ion:149 Resp: 1753560
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.6 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:264 Resp: 792201
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.9 17.0 25.6

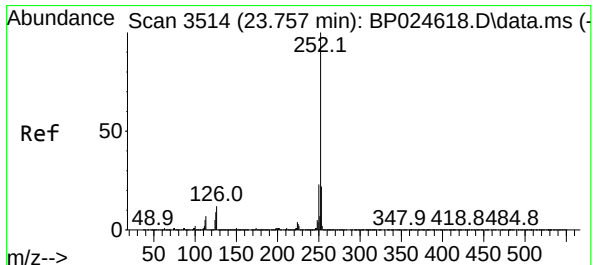
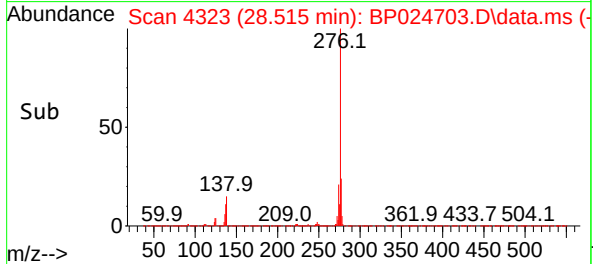
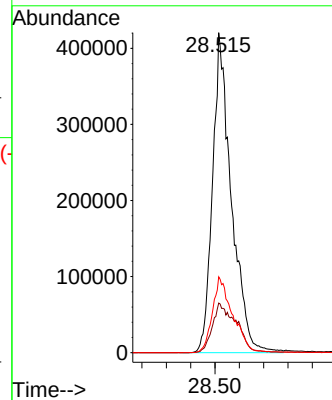
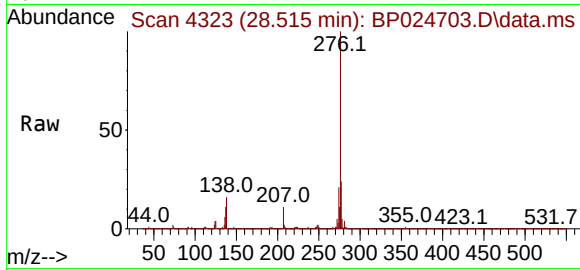




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.903 ng
RT: 28.515 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

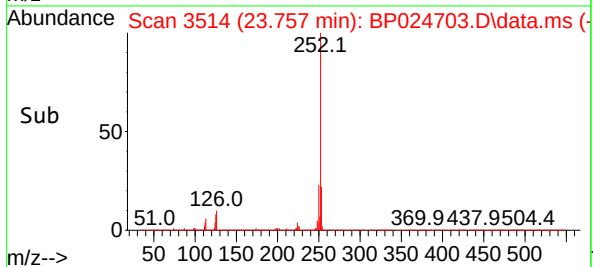
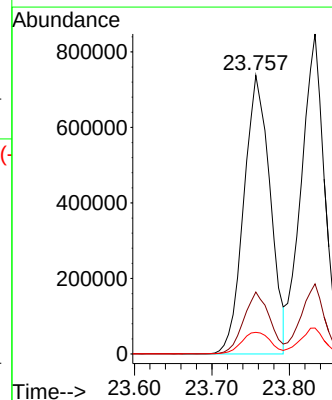
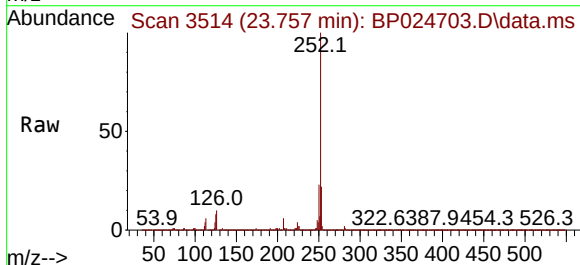
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

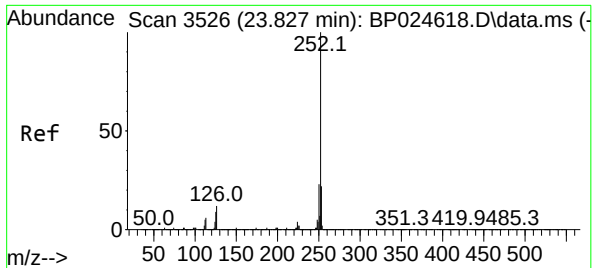
Tgt Ion:276 Resp: 2249969
Ion Ratio Lower Upper
276 100
138 19.5 11.2 16.8#
277 25.5 15.7 23.5#



#88
Benzo(b)fluoranthene
Concen: 38.496 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:252 Resp: 1745599
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 7.8 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 38.409 ng

RT: 23.833 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP024703.D

Acq: 20 May 2025 11:52

Instrument :

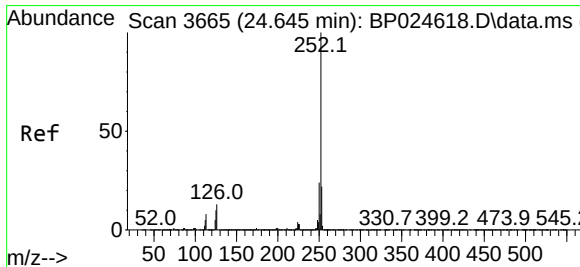
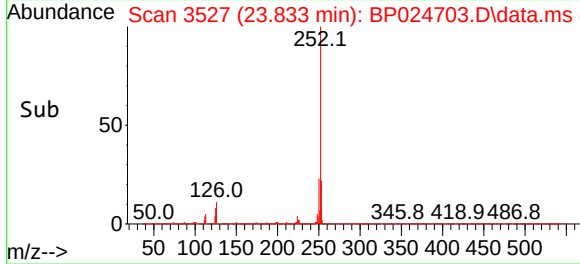
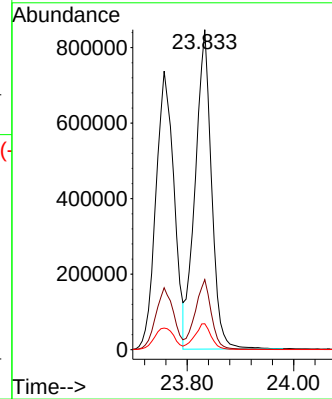
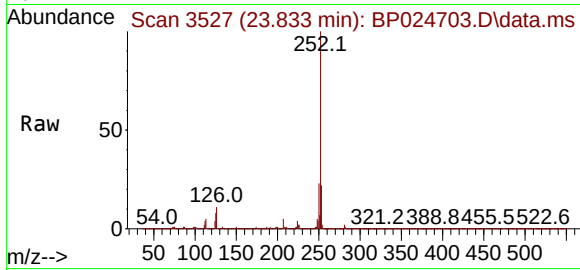
BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1794614

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.1	7.0	10.4



#90

Benzo(a)pyrene

Concen: 38.890 ng

RT: 24.651 min Scan# 3666

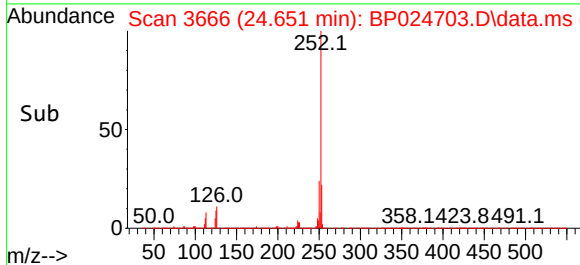
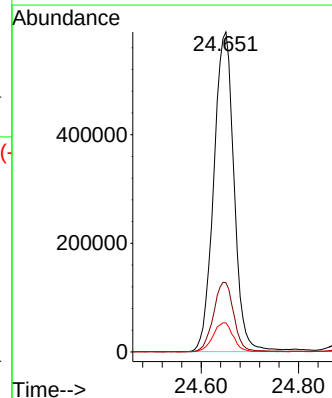
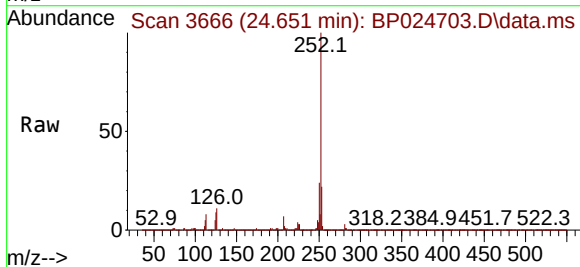
Delta R.T. 0.006 min

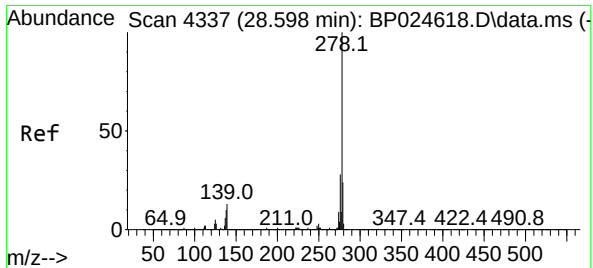
Lab File: BP024703.D

Acq: 20 May 2025 11:52

Tgt Ion:252 Resp: 1693647

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.1	8.1	12.1

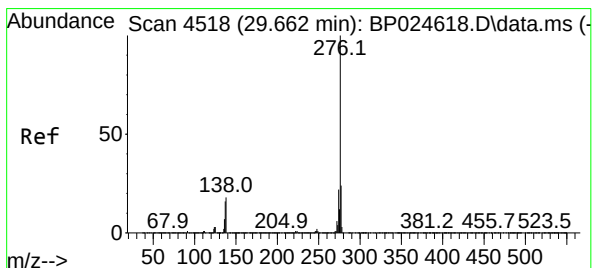
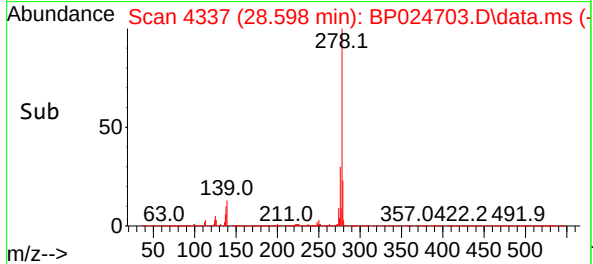
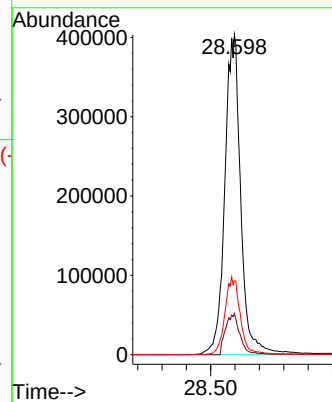
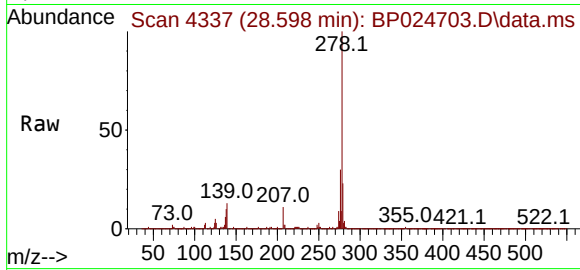




#91
Dibenzo(a,h)anthracene
Concen: 38.874 ng
RT: 28.598 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

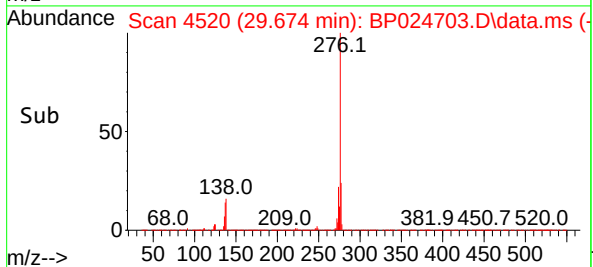
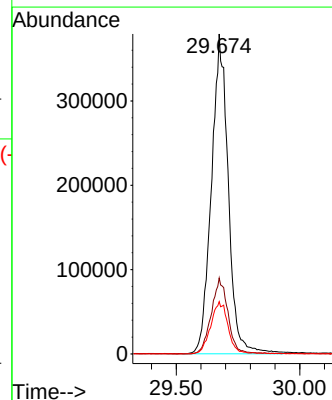
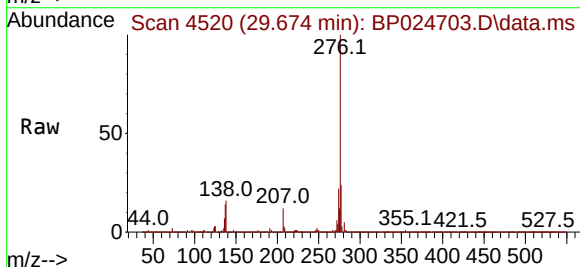
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1829060
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 38.222 ng
RT: 29.674 min Scan# 4520
Delta R.T. 0.012 min
Lab File: BP024703.D
Acq: 20 May 2025 11:52

Tgt Ion:276 Resp: 1788388
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 16.3 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024703.D
 Acq On : 20 May 2025 11:52
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 20 12:59:30 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	102	0.00
2	1,4-Dioxane	0.549	0.490	10.7	99	0.00
3	Pyridine	1.218	1.138	6.6	97	0.00
4	n-Nitrosodimethylamine	0.538	0.511	5.0	101	0.00
5 S	2-Fluorophenol	1.169	1.129	3.4	104	0.00
6	Aniline	1.927	1.764	8.5	94	0.00
7 S	Phenol-d6	1.492	1.410	5.5	98	0.00
8	2-Chlorophenol	1.327	1.280	3.5	100	0.00
9	Benzaldehyde	0.966	0.885	8.4	95	-0.01
10 C	Phenol	1.540	1.418	7.9	96	0.00
11	bis(2-Chloroethyl)ether	1.266	1.114	12.0	94	0.00
12	1,3-Dichlorobenzene	1.527	1.450	5.0	103	0.00
13 C	1,4-Dichlorobenzene	1.536	1.463	4.8	102	0.00
14	1,2-Dichlorobenzene	1.497	1.417	5.3	102	0.00
15	Benzyl Alcohol	1.134	1.079	4.9	96	0.00
16	2,2'-oxybis(1-Chloropropane	1.516	1.340	11.6	93	0.00
17	2-Methylphenol	1.105	1.022	7.5	95	0.00
18	Hexachloroethane	0.589	0.545	7.5	101	-0.01
19 P	n-Nitroso-di-n-propylamine	1.032	0.915	11.3	89	0.00
20	3+4-Methylphenols	1.503	1.381	8.1	93	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	93	0.00
22	Acetophenone	0.500	0.472	5.6	91	0.00
23 S	Nitrobenzene-d5	0.396	0.375	5.3	92	0.00
24	Nitrobenzene	0.348	0.330	5.2	91	0.00
25	Isophorone	0.687	0.624	9.2	87	0.00
26 C	2-Nitrophenol	0.171	0.178	-4.1	97	-0.01
27	2,4-Dimethylphenol	0.301	0.296	1.7	93	0.00
28	bis(2-Chloroethoxy)methane	0.410	0.367	10.5	86	-0.01
29 C	2,4-Dichlorophenol	0.292	0.289	1.0	93	0.01
30	1,2,4-Trichlorobenzene	0.329	0.327	0.6	100	-0.01
31	Naphthalene	1.036	0.995	4.0	95	0.00
32	Benzoic acid	0.181	0.176	2.8	86	0.02
33	4-Chloroaniline	0.418	0.409	2.2	91	0.00
34 C	Hexachlorobutadiene	0.213	0.211	0.9	100	0.00
35	Caprolactam	0.106	0.098	7.5	84	0.00
36 C	4-Chloro-3-methylphenol	0.356	0.337	5.3	88	0.00
37	2-Methylnaphthalene	0.671	0.634	5.5	93	0.00
38	1-Methylnaphthalene	0.718	0.674	6.1	91	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	87	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.581	0.583	-0.3	93	0.00
41 P	Hexachlorocyclopentadiene	0.352	0.351	0.3	86	0.00
42 S	2,4,6-Tribromophenol	0.339	0.348	-2.7	94	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.384	-2.1	91	0.00
44	2,4,5-Trichlorophenol	0.419	0.427	-1.9	92	0.01
45 S	2-Fluorobiphenyl	1.527	1.512	1.0	92	-0.01
46	1,1'-Biphenyl	1.478	1.420	3.9	90	0.00
47	2-Chloronaphthalene	1.127	1.097	2.7	90	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024703.D
 Acq On : 20 May 2025 11:52
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 20 12:59:30 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	0.320	4.2	84	-0.01
49	Acenaphthylene	1.886	1.792	5.0	87	-0.01
50	Dimethylphthalate	1.524	1.412	7.3	85	0.00
51	2,6-Dinitrotoluene	0.322	0.312	3.1	87	-0.01
52 C	Acenaphthene	1.084	1.035	4.5	88	-0.01
53	3-Nitroaniline	0.329	0.315	4.3	81	-0.01
54 P	2,4-Dinitrophenol	0.169	0.160	5.3	81	0.00
55	Dibenzofuran	1.730	1.654	4.4	89	0.00
56 P	4-Nitrophenol	0.250	0.320	-28.0#	109	0.03
57	2,4-Dinitrotoluene	0.454	0.441	2.9	85	-0.01
58	Fluorene	1.410	1.354	4.0	89	0.00
59	2,3,4,6-Tetrachlorophenol	0.388	0.381	1.8	88	0.00
60	Diethylphthalate	1.541	1.438	6.7	87	-0.01
61	4-Chlorophenyl-phenylether	0.703	0.679	3.4	91	-0.01
62	4-Nitroaniline	0.317	0.299	5.7	79	0.00
63	Azobenzene	1.318	1.188	9.9	83	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	86	-0.02
65	4,6-Dinitro-2-methylphenol	0.129	0.128	0.8	86	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.596	2.9	87	-0.01
67	4-Bromophenyl-phenylether	0.236	0.238	-0.8	91	0.00
68	Hexachlorobenzene	0.299	0.299	0.0	92	0.00
69	Atrazine	0.225	0.224	0.4	89	-0.01
70 C	Pentachlorophenol	0.168	0.165	1.8	83	0.00
71	Phenanthrene	1.112	1.065	4.2	88	0.00
72	Anthracene	1.119	1.093	2.3	88	0.00
73	Carbazole	1.012	0.966	4.5	83	-0.01
74	Di-n-butylphthalate	1.302	1.263	3.0	87	-0.01
75 C	Fluoranthene	1.300	1.234	5.1	85	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	84	0.00
77	Benzidine	0.545	0.534	2.0	80	0.00
78	Pyrene	1.198	1.171	2.3	85	0.00
79 S	Terphenyl-d14	1.166	1.167	-0.1	87	0.00
80	Butylbenzylphthalate	0.533	0.527	1.1	84	0.00
81	Benzo(a)anthracene	1.256	1.210	3.7	84	-0.01
82	3,3'-Dichlorobenzidine	0.466	0.476	-2.1	84	0.00
83	Chrysene	1.190	1.135	4.6	84	0.00
84	Bis(2-ethylhexyl)phthalate	0.783	0.764	2.4	84	0.00
85 c	Di-n-octyl phthalate	1.281	1.290	-0.7	85	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	85	0.00
87	Indeno(1,2,3-cd)pyrene	1.460	1.420	2.7	85	0.00
88	Benzo(b)fluoranthene	1.145	1.102	3.8	85	0.00
89	Benzo(k)fluoranthene	1.180	1.133	4.0	85	0.00
90 C	Benzo(a)pyrene	1.099	1.069	2.7	86	0.00
91	Dibenzo(a,h)anthracene	1.188	1.154	2.9	84	0.00
92	Benzo(g,h,i)perylene	1.181	1.129	4.4	84	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024703.D
Acq On : 20 May 2025 11:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 20 12:59:30 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\BP052025\
 Data File : BP024703.D
 Acq On : 20 May 2025 11:52
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 20 12:59:30 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	102	0.00
2	1,4-Dioxane	40.000	35.672	10.8	99	0.00
3	Pyridine	40.000	37.400	6.5	97	0.00
4	n-Nitrosodimethylamine	40.000	37.995	5.0	101	0.00
5 S	2-Fluorophenol	80.000	77.239	3.5	104	0.00
6	Aniline	40.000	36.614	8.5	94	0.00
7 S	Phenol-d6	80.000	75.586	5.5	98	0.00
8	2-Chlorophenol	40.000	38.571	3.6	100	0.00
9	Benzaldehyde	40.000	36.642	8.4	95	-0.01
10 C	Phenol	40.000	36.834	7.9	96	0.00
11	bis(2-Chloroethyl)ether	40.000	35.195	12.0	94	0.00
12	1,3-Dichlorobenzene	40.000	37.969	5.1	103	0.00
13 C	1,4-Dichlorobenzene	40.000	38.098	4.8	102	0.00
14	1,2-Dichlorobenzene	40.000	37.873	5.3	102	0.00
15	Benzyl Alcohol	40.000	38.049	4.9	96	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	35.362	11.6	93	0.00
17	2-Methylphenol	40.000	37.017	7.5	95	0.00
18	Hexachloroethane	40.000	37.007	7.5	101	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	35.440	11.4	89	0.00
20	3+4-Methylphenols	40.000	36.755	8.1	93	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	93	0.00
22	Acetophenone	40.000	37.752	5.6	91	0.00
23 S	Nitrobenzene-d5	80.000	75.884	5.1	92	0.00
24	Nitrobenzene	40.000	37.838	5.4	91	0.00
25	Isophorone	40.000	36.360	9.1	87	0.00
26 C	2-Nitrophenol	40.000	41.786	-4.5	97	-0.01
27	2,4-Dimethylphenol	40.000	39.314	1.7	93	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.782	10.5	86	-0.01
29 C	2,4-Dichlorophenol	40.000	39.583	1.0	93	0.01
30	1,2,4-Trichlorobenzene	40.000	39.761	0.6	100	-0.01
31	Naphthalene	40.000	38.402	4.0	95	0.00
32	Benzoic acid	40.000	35.775	10.6	86	0.02
33	4-Chloroaniline	40.000	39.100	2.2	91	0.00
34 C	Hexachlorobutadiene	40.000	39.725	0.7	100	0.00
35	Caprolactam	40.000	37.303	6.7	84	0.00
36 C	4-Chloro-3-methylphenol	40.000	37.939	5.2	88	0.00
37	2-Methylnaphthalene	40.000	37.810	5.5	93	0.00
38	1-Methylnaphthalene	40.000	37.519	6.2	91	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	87	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	40.169	-0.4	93	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.860	0.4	86	0.00
42 S	2,4,6-Tribromophenol	80.000	82.116	-2.6	94	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.826	-2.1	91	0.00
44	2,4,5-Trichlorophenol	40.000	40.832	-2.1	92	0.01
45 S	2-Fluorobiphenyl	80.000	79.243	0.9	92	-0.01
46	1,1'-Biphenyl	40.000	38.417	4.0	90	0.00
47	2-Chloronaphthalene	40.000	38.930	2.7	90	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024703.D
 Acq On : 20 May 2025 11:52
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 20 12:59:30 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	38.400	4.0	84	-0.01
49	Acenaphthylene	40.000	38.009	5.0	87	-0.01
50	Dimethylphthalate	40.000	37.061	7.3	85	0.00
51	2,6-Dinitrotoluene	40.000	38.712	3.2	87	-0.01
52 C	Acenaphthene	40.000	38.193	4.5	88	-0.01
53	3-Nitroaniline	40.000	38.296	4.3	81	-0.01
54 P	2,4-Dinitrophenol	40.000	35.323	11.7	81	0.00
55	Dibenzofuran	40.000	38.252	4.4	89	0.00
56 P	4-Nitrophenol	40.000	46.802	-17.0	109	0.03
57	2,4-Dinitrotoluene	40.000	38.874	2.8	85	-0.01
58	Fluorene	40.000	38.395	4.0	89	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.256	1.9	88	0.00
60	Diethylphthalate	40.000	37.342	6.6	87	-0.01
61	4-Chlorophenyl-phenylether	40.000	38.622	3.4	91	-0.01
62	4-Nitroaniline	40.000	37.633	5.9	79	0.00
63	Azobenzene	40.000	36.055	9.9	83	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	86	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	39.652	0.9	86	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.839	2.9	87	-0.01
67	4-Bromophenyl-phenylether	40.000	40.410	-1.0	91	0.00
68	Hexachlorobenzene	40.000	39.938	0.2	92	0.00
69	Atrazine	40.000	39.750	0.6	89	-0.01
70 C	Pentachlorophenol	40.000	39.278	1.8	83	0.00
71	Phenanthrene	40.000	38.323	4.2	88	0.00
72	Anthracene	40.000	39.076	2.3	88	0.00
73	Carbazole	40.000	38.152	4.6	83	-0.01
74	Di-n-butylphthalate	40.000	38.795	3.0	87	-0.01
75 C	Fluoranthene	40.000	37.992	5.0	85	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	84	0.00
77	Benzydine	40.000	39.203	2.0	80	0.00
78	Pyrene	40.000	39.077	2.3	85	0.00
79 S	Terphenyl-d14	80.000	80.045	-0.1	87	0.00
80	Butylbenzylphthalate	40.000	39.544	1.1	84	0.00
81	Benzo(a)anthracene	40.000	38.539	3.7	84	-0.01
82	3,3'-Dichlorobenzidine	40.000	40.800	-2.0	84	0.00
83	Chrysene	40.000	38.139	4.7	84	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.018	2.5	84	0.00
85 c	Di-n-octyl phthalate	40.000	40.266	-0.7	85	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	85	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.903	2.7	85	0.00
88	Benzo(b)fluoranthene	40.000	38.496	3.8	85	0.00
89	Benzo(k)fluoranthene	40.000	38.409	4.0	85	0.00
90 C	Benzo(a)pyrene	40.000	38.890	2.8	86	0.00
91	Dibenzo(a,h)anthracene	40.000	38.874	2.8	84	0.00
92	Benzo(g,h,i)perylene	40.000	38.222	4.4	84	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024703.D
Acq On : 20 May 2025 11:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 20 12:59:30 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



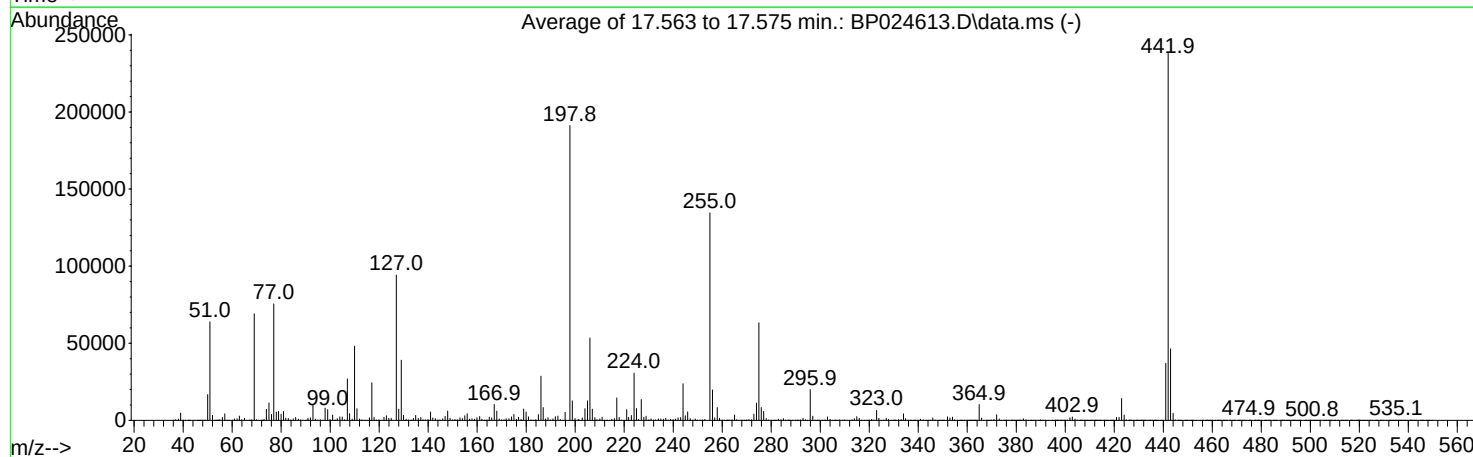
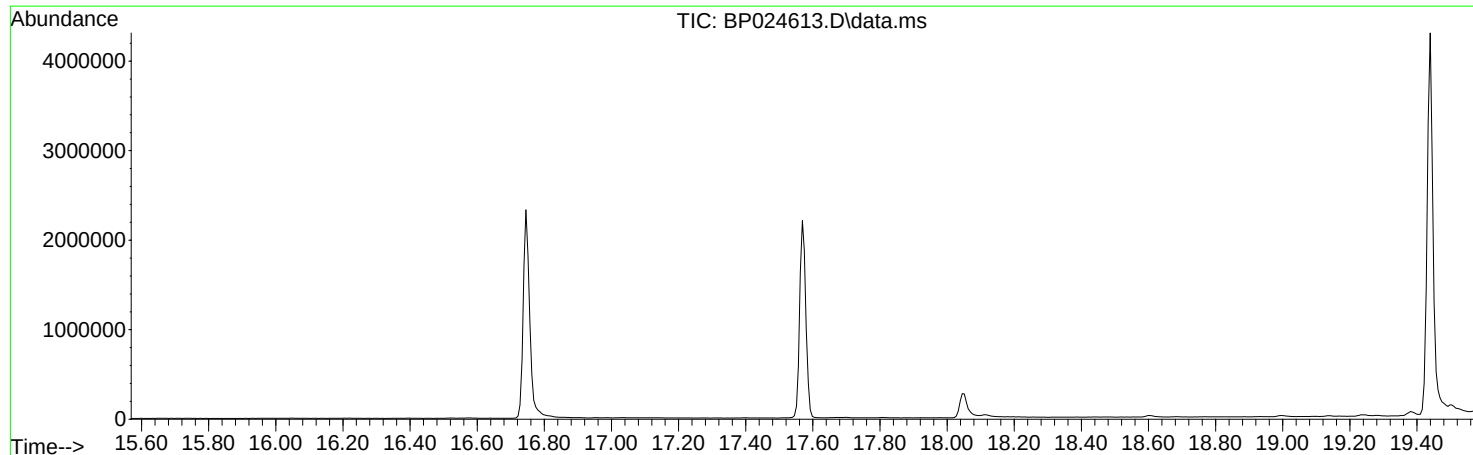
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_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

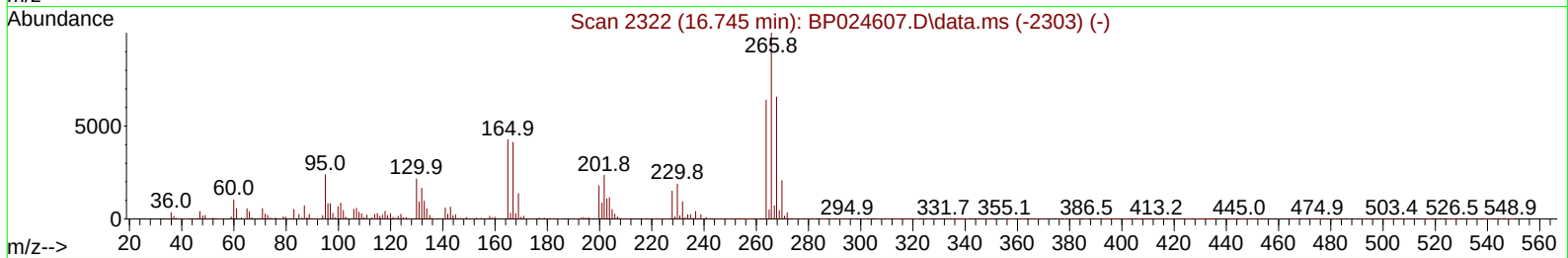
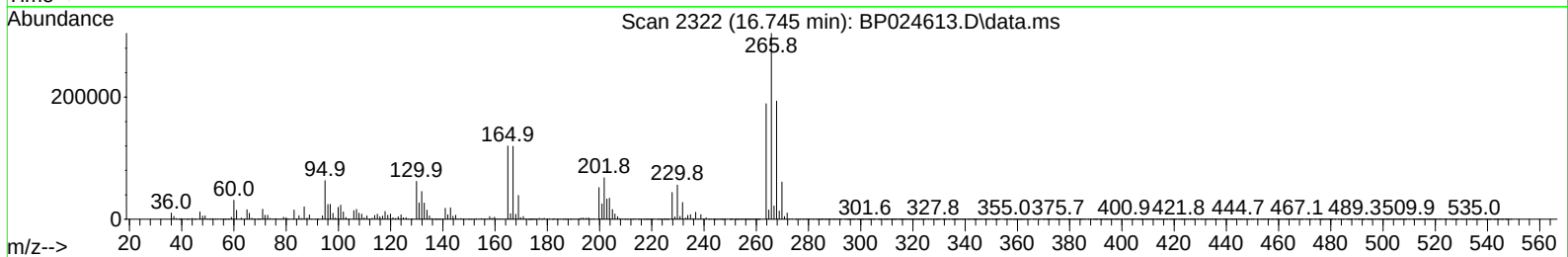
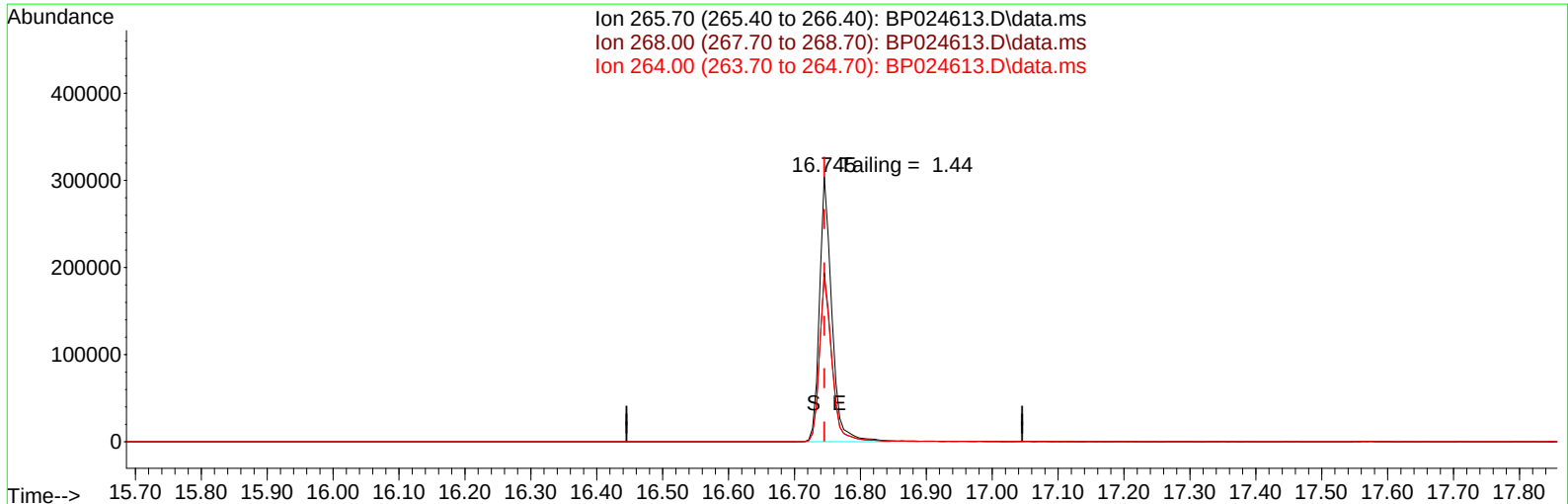
Date	Instrument Name	DFTPP Data File
5/13/2025	BNA_P	<u>BP024613.D</u>
Compound Name	Response	Retention Time
DDT	750509	20.716
DDD	13774	20.269
DDE	1248	19.733
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
15022	765531	1.96

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

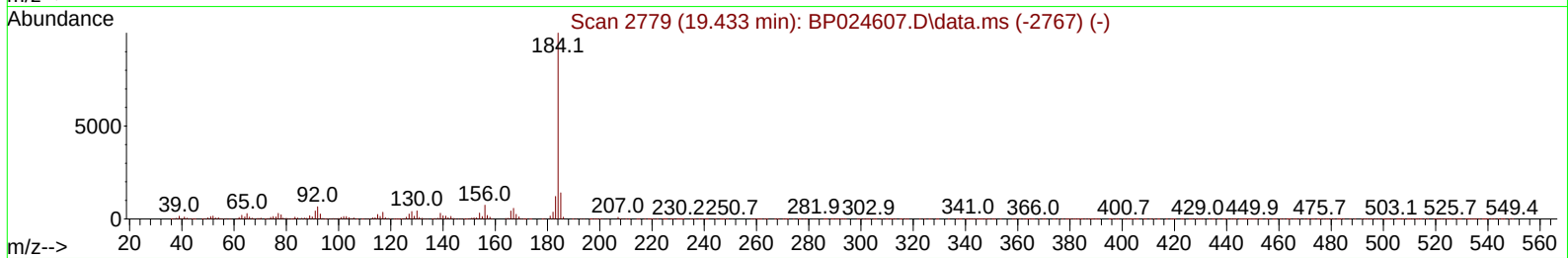
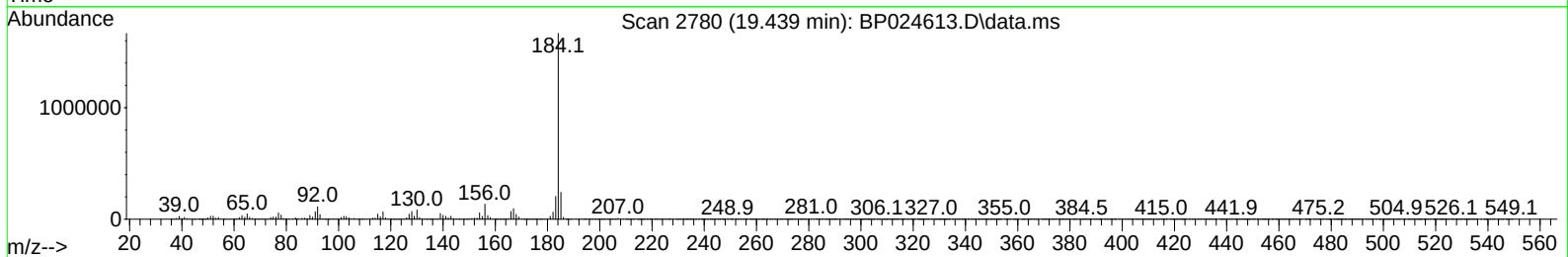
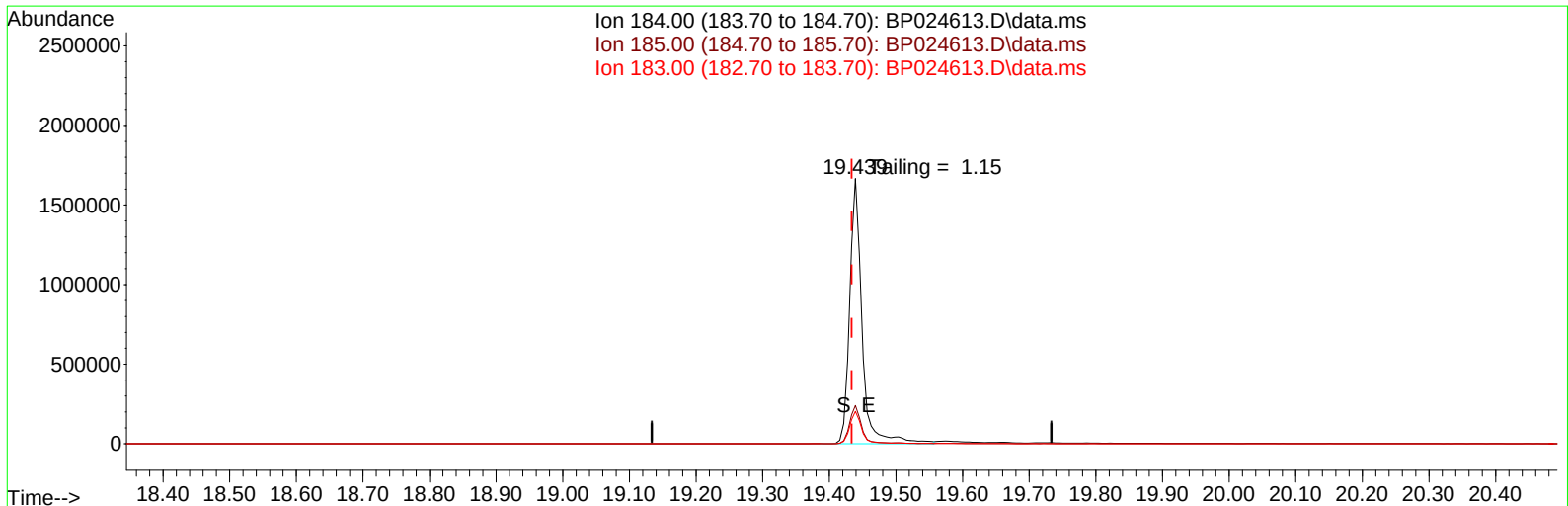
response 398426

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



TIC: BP024613.D\data.ms

(77) Benzidine

19.439min (+ 0.006) 5637.89 ng

response 2074486

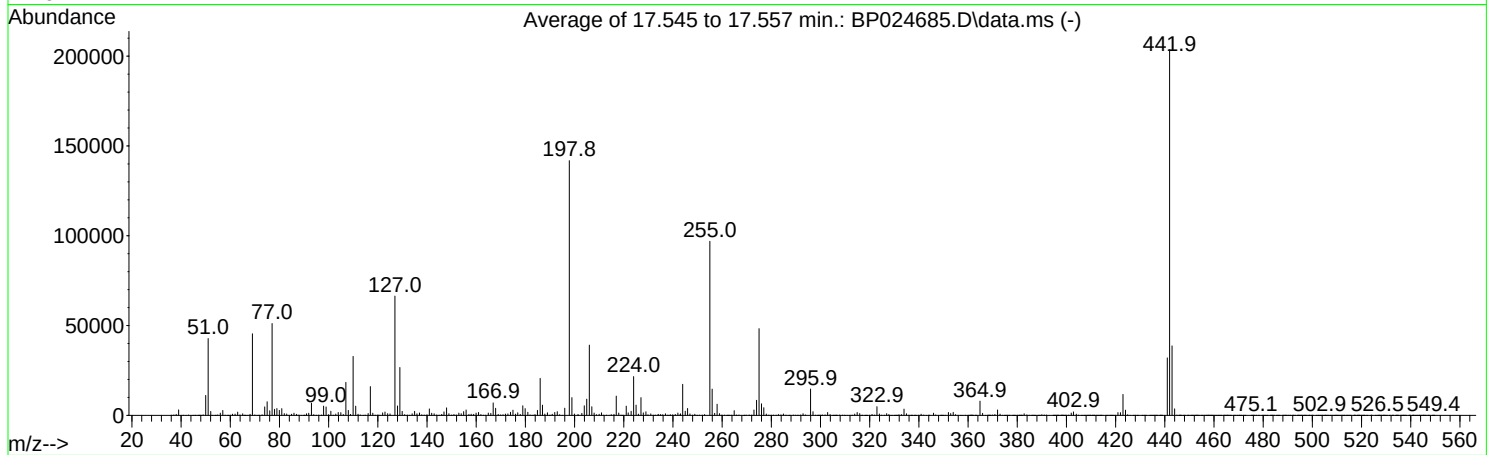
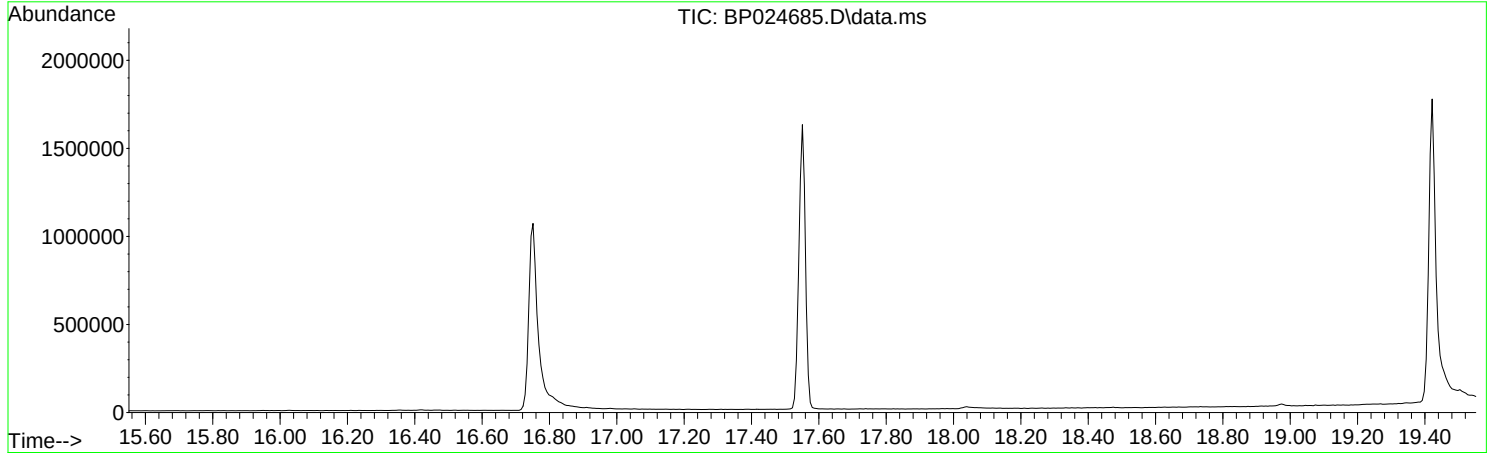
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.46
183.00	12.10	12.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024685.D
Acq On : 19 May 2025 11:26
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 2458, 2459, 2460; Background Corrected with Scan 2448

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.2	42781	PASS
68	69	0.00	2	1.3	608	PASS
69	198	0.00	100	32.0	45436	PASS
70	69	0.00	2	0.5	248	PASS
127	198	10	80	46.8	66420	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	141834	PASS
199	198	5	9	7.0	9883	PASS
275	198	10	60	34.1	48297	PASS
365	198	1	100	5.6	7951	PASS
441	198	0.01	100	22.6	32009	PASS
442	442	100	100	100.0	203603	PASS
443	442	15	24	19.0	38702	PASS

DDT Breakdown

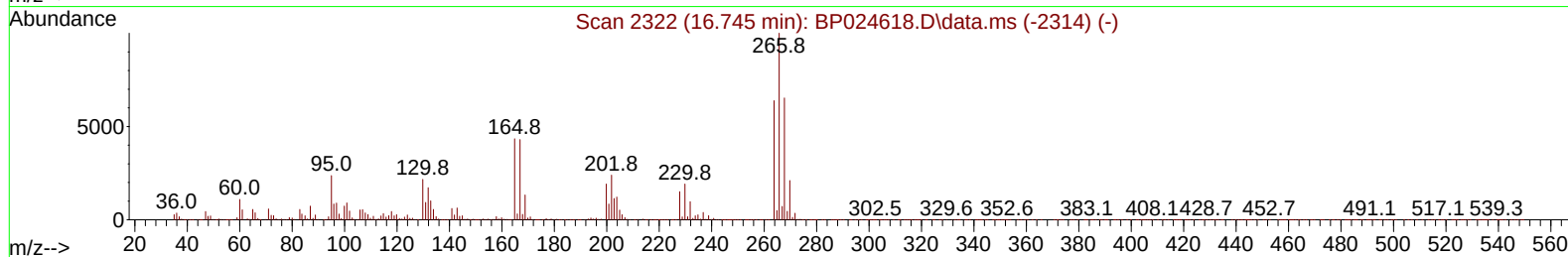
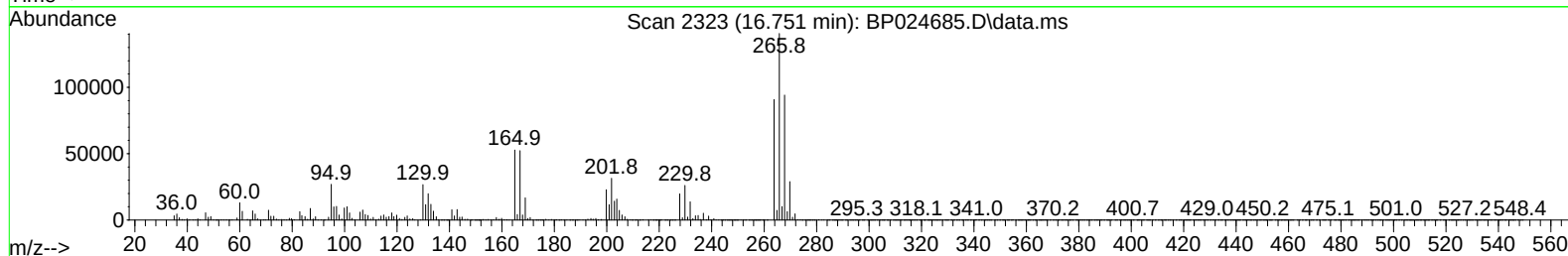
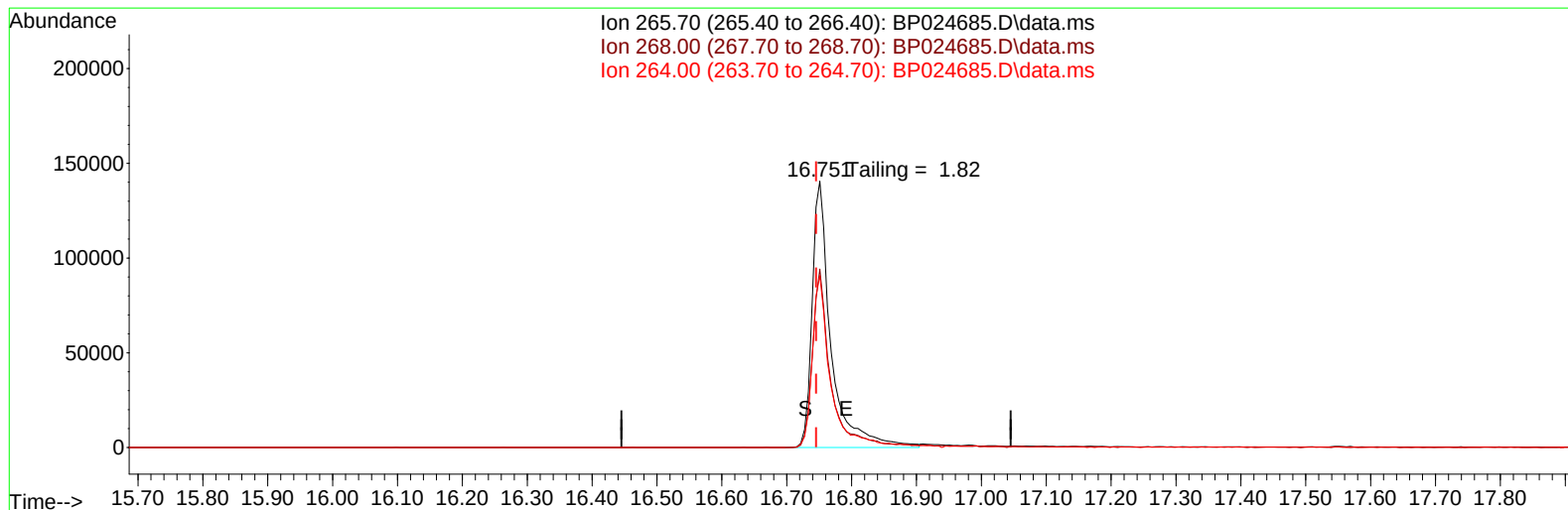
Date	Instrument Name	DFTPP Data File
5/19/2025	BNA_P	<u>BP024685.D</u>
Compound Name	Response	Retention Time
DDT	528818	20.71
DDD	19377	20.251
DDE	3479	19.721
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
22856	551674	4.14

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024685.D
Acq On : 19 May 2025 11:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 19 14:36:59 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: BP024685.D\data.ms

(70) Pentachlorophenol (C)

16.751min (+ 0.006) 677862.06 ng

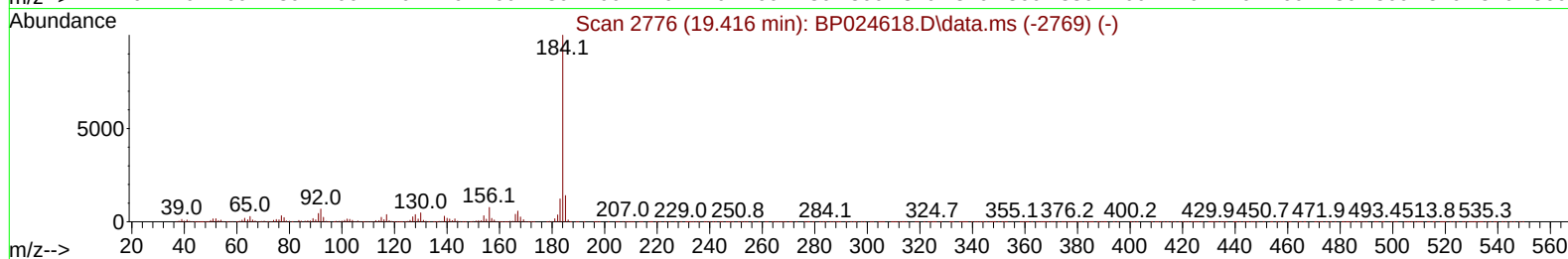
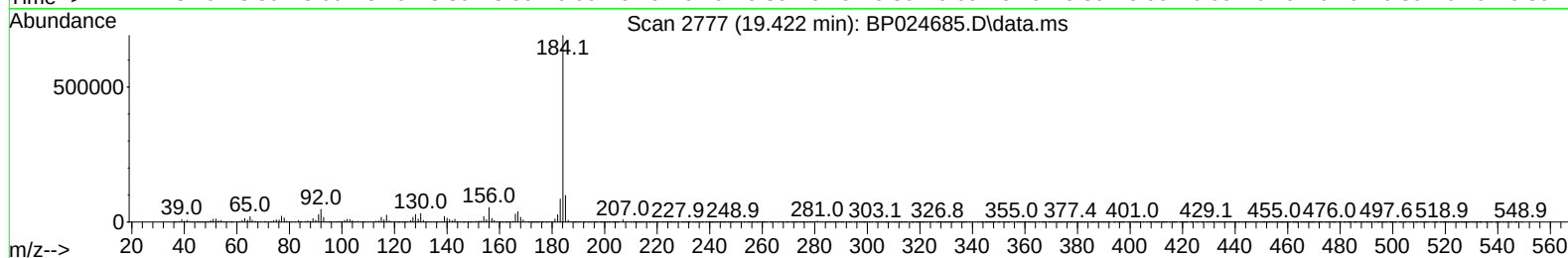
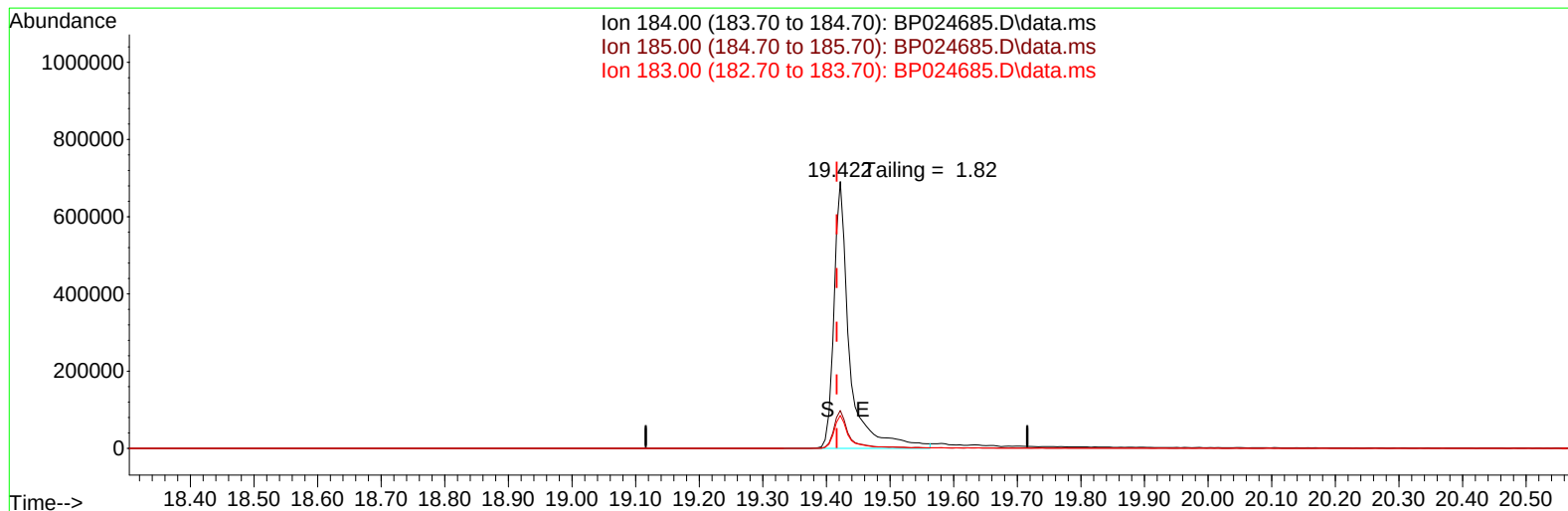
response 284874

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	67.02
264.00	63.90	64.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024685.D
Acq On : 19 May 2025 11:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 19 14:36:59 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: BP024685.D\data.ms

(77) Benzidine

19.422min (+ 0.006) 78779.38 ng

response 1186534

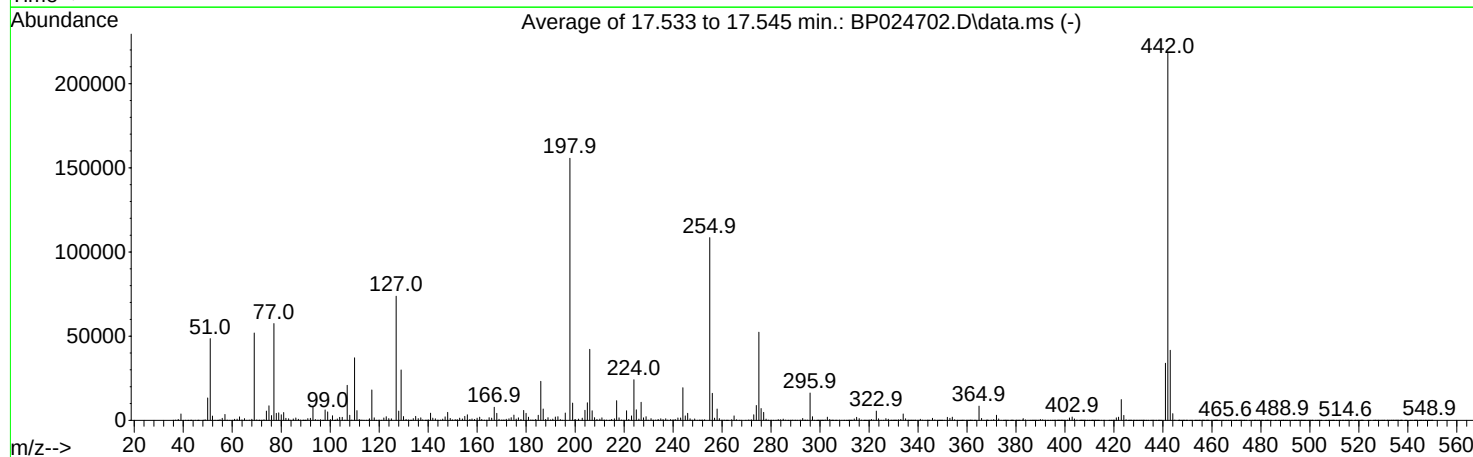
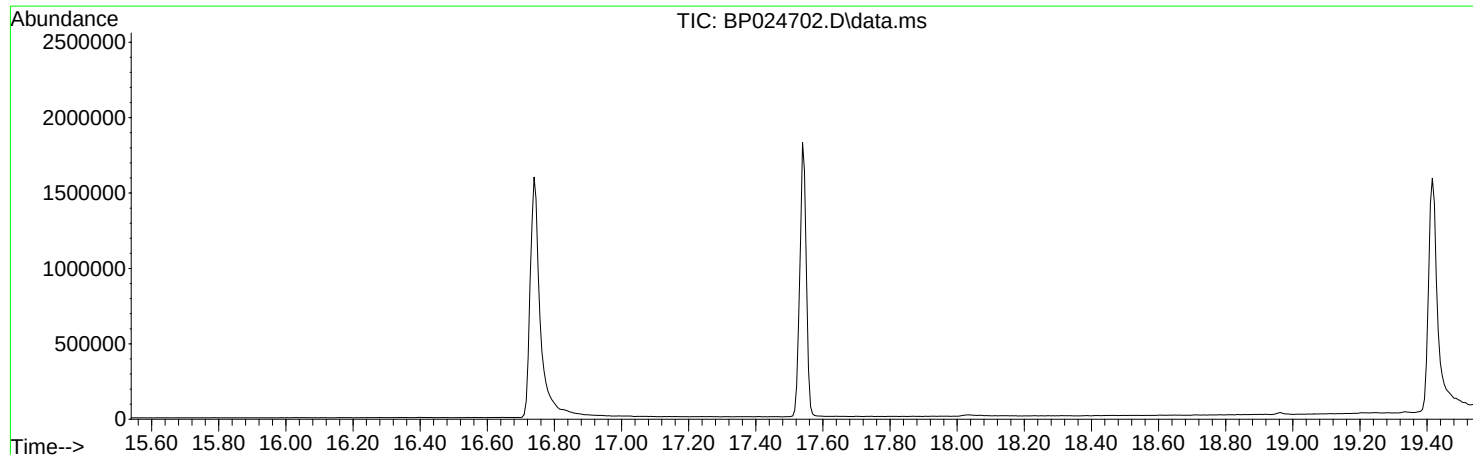
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	14.18
183.00	12.30	12.34
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024702.D
Acq On : 20 May 2025 10:31
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



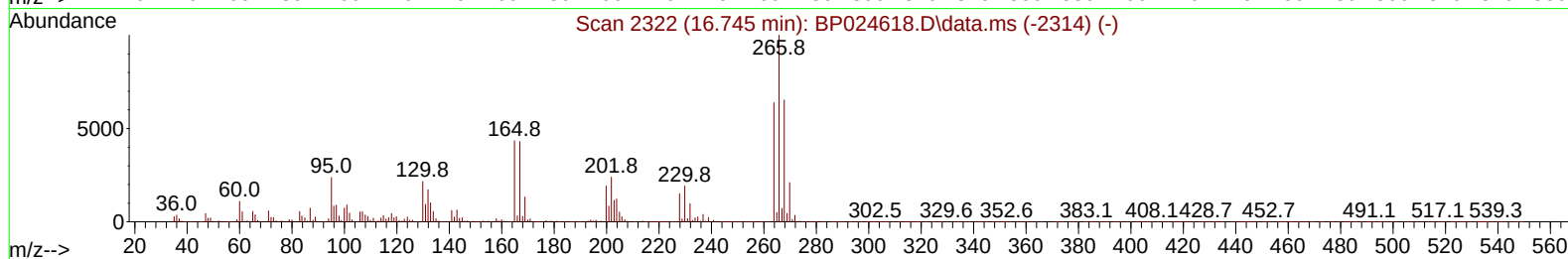
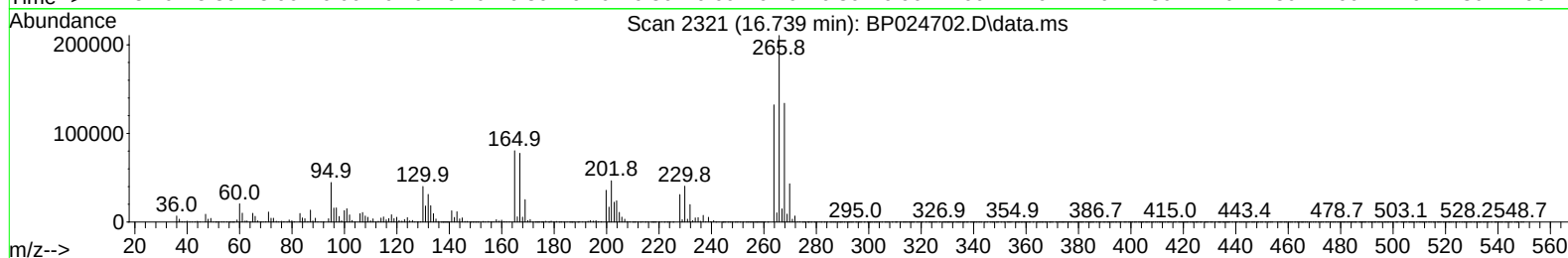
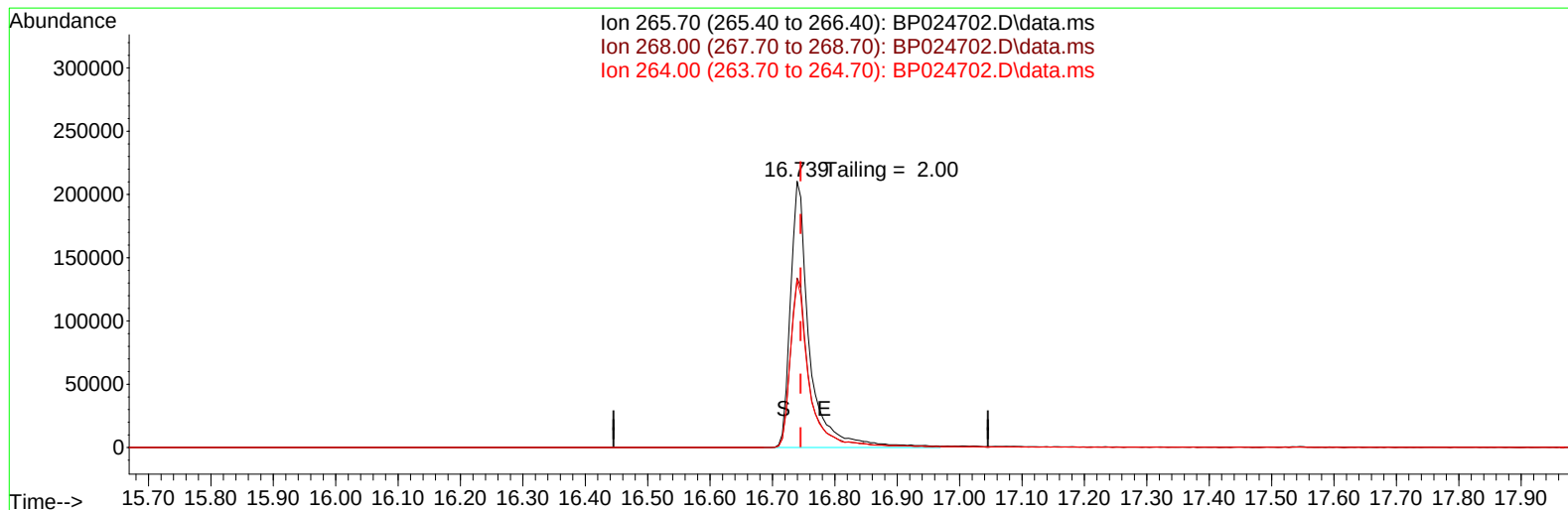
AutoFind: Scans 2456, 2457, 2458; Background Corrected with Scan 2447

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	31.2	48558	PASS
68	69	0.00	2	1.3	692	PASS
69	198	0.00	100	33.3	51898	PASS
70	69	0.00	2	0.6	286	PASS
127	198	10	80	47.4	73724	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	155659	PASS
199	198	5	9	6.6	10281	PASS
275	198	10	60	33.6	52370	PASS
365	198	1	100	5.4	8455	PASS
441	198	0.01	100	21.8	33949	PASS
442	442	100	100	100.0	218491	PASS
443	442	15	24	19.0	41616	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024702.D
Acq On : 20 May 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 20 12:58:55 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: BP024702.D\data.ms

(70) Pentachlorophenol (C)

16.739min (-0.006) 1977139.32 ng

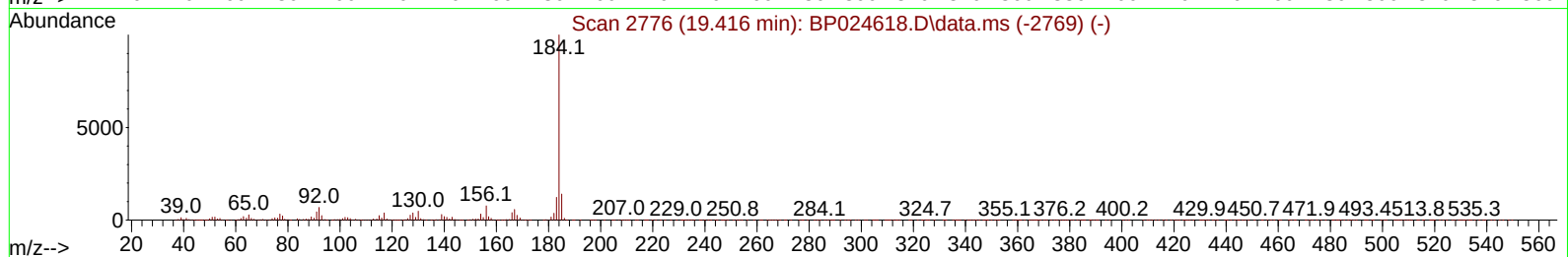
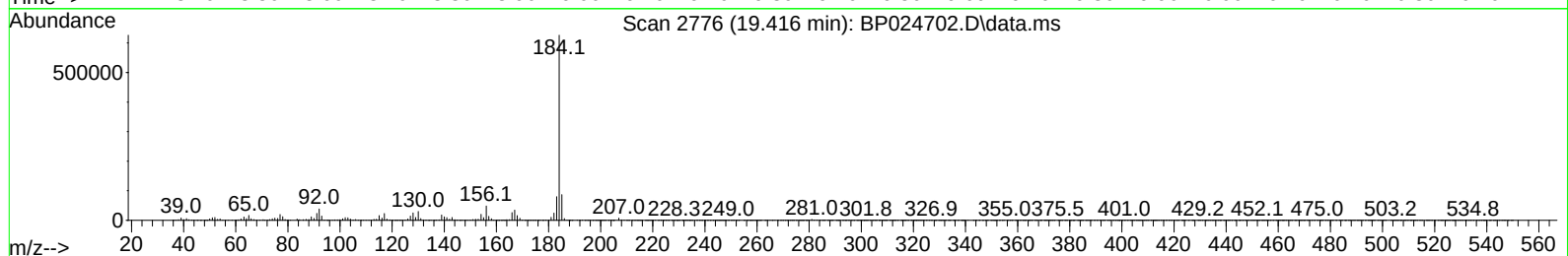
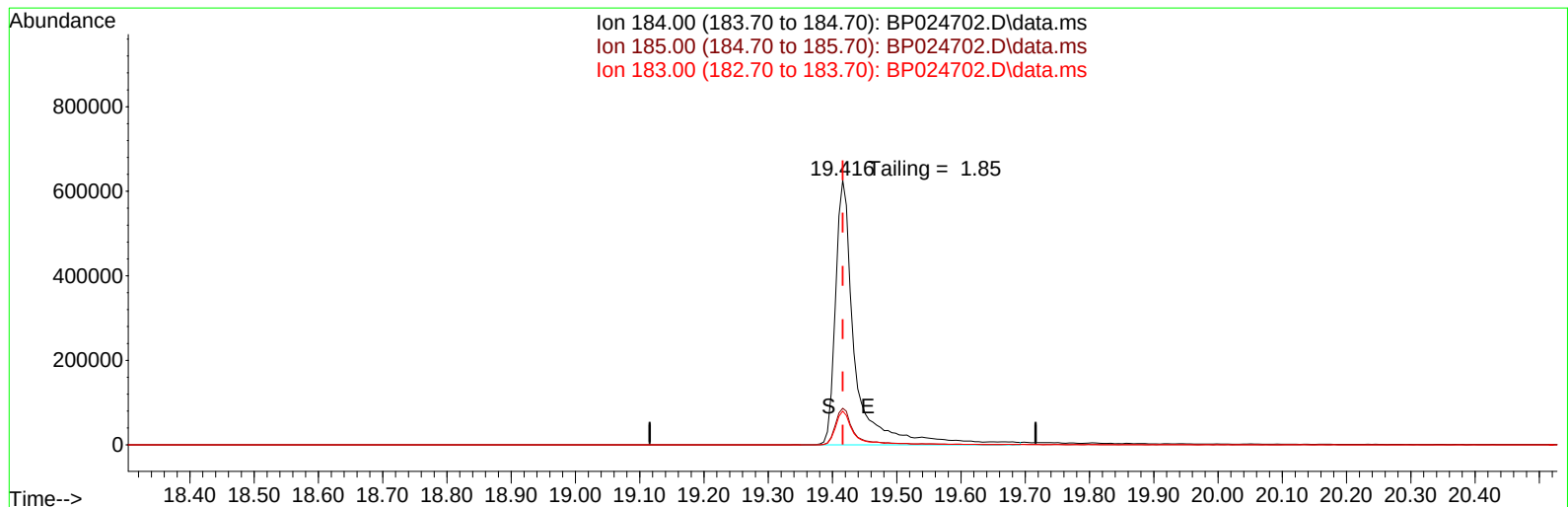
response 448686

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	63.67
264.00	63.90	62.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024702.D
Acq On : 20 May 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 20 12:58:55 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: BP024702.D\data.ms

(77) Benzidine

19.416min (-0.000) 89911.52 ng

response 1248901

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	13.86
183.00	12.30	12.78
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/20/2025	BNA_P	<u>BP024702.D</u>
Compound Name	Response	Retention Time
DDT	589251	20.698
DDD	22194	20.239
DDE	3176	19.71
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
25370	614621	4.13

Instrument :
BNA_P
ClientSampleId :
DFTPP

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168048BL	SDG No.:	Q2033
Lab Sample ID:	PB168048BL	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
BP024706.D	1	05/19/25 08:42	05/20/25 13:55	PB168048

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	133		15 (10) - 110 (139)	88%	SPK: 150
13127-88-3	Phenol-d6	122		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.1		30 (49) - 130 (133)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		15 (44) - 110 (137)	97%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		30 (48) - 130 (125)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	134000		7.658		
1146-65-2	Naphthalene-d8	501000		10.428		
15067-26-2	Acenaphthene-d10	301000		14.287		
1517-22-2	Phenanthrene-d10	642000		17.092		
1719-03-5	Chrysene-d12	692000		21.522		
1520-96-3	Perylene-d12	757000		24.821		

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\BP052025\
Data File : BP024706.D
Acq On : 20 May 2025 13:55
Operator : RC/JU
Sample : PB168048BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168048BL

Quant Time: May 20 14:28:44 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	7.658	152	134412	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	500749	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	300658	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	642481	20.000	ng	0.00
76) Chrysene-d12	21.522	240	691700	20.000	ng	0.00
86) Perylene-d12	24.821	264	756782	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1042522	132.659	ng	0.00
7) Phenol-d6	6.863	99	1220255	121.663	ng	0.01
23) Nitrobenzene-d5	8.805	82	754094	76.089	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	739588	145.102	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1762567	76.804	ng	0.00
79) Terphenyl-d14	19.822	244	3635117	90.113	ng	0.01

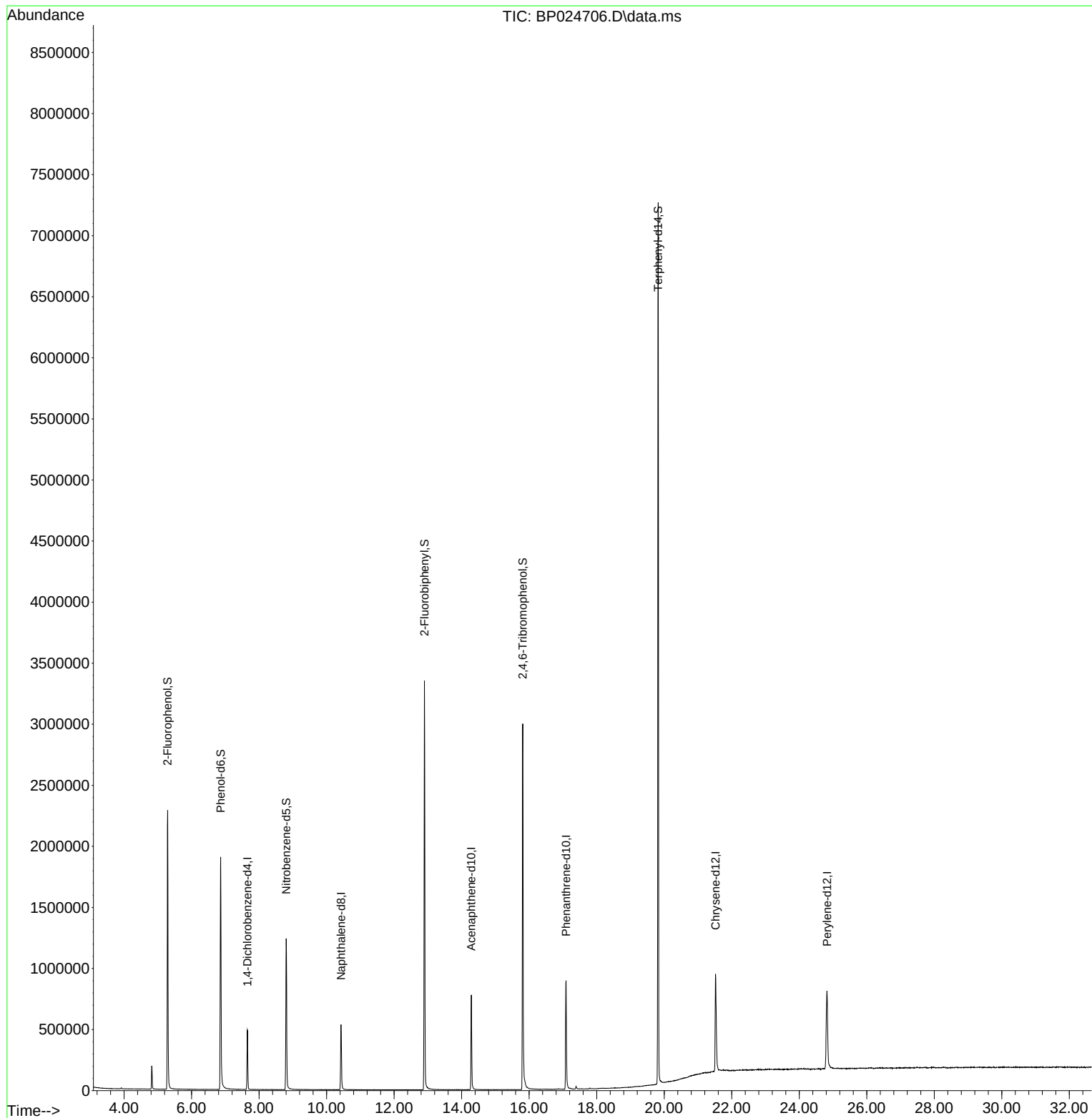
Target Compounds	Qvalue

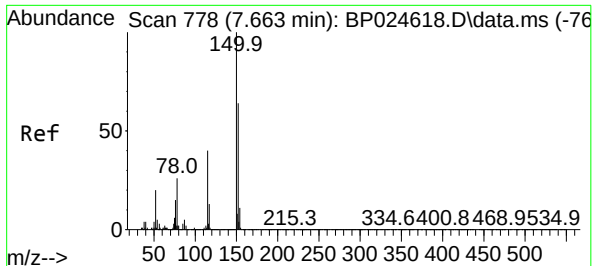
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024706.D
Acq On : 20 May 2025 13:55
Operator : RC/JU
Sample : PB168048BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168048BL

Quant Time: May 20 14:28:44 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

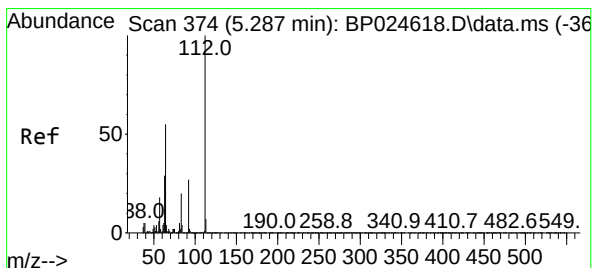
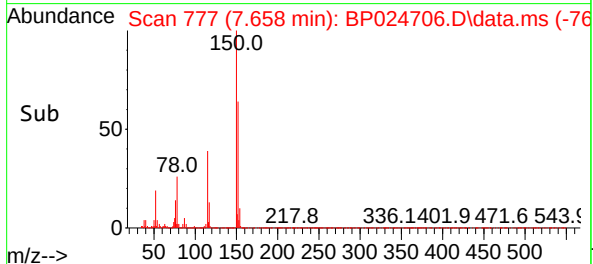
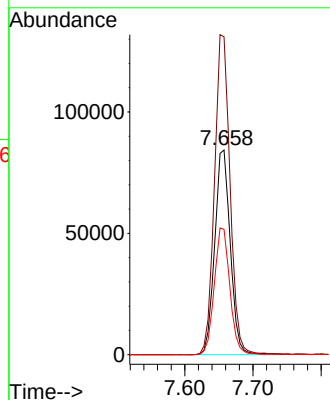
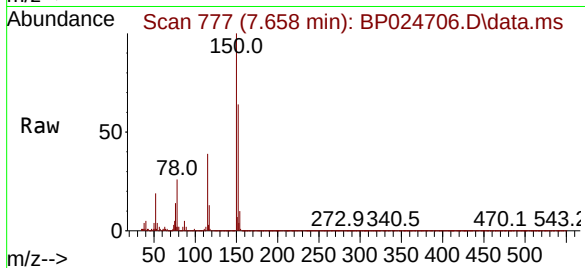




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024706.D
Acq: 20 May 2025 13:55

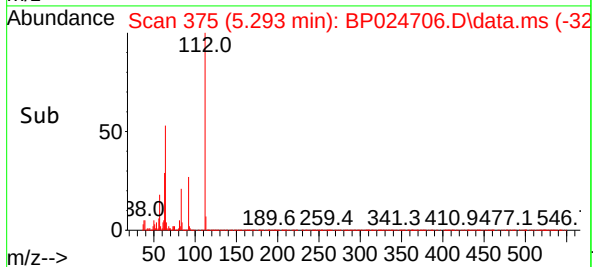
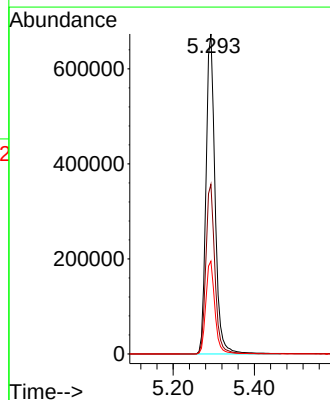
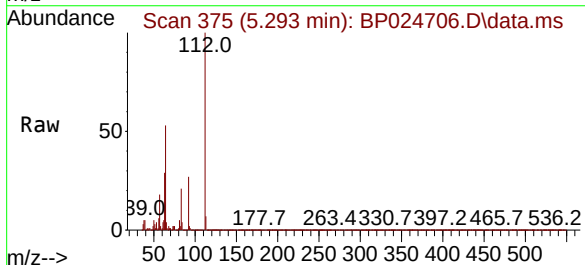
Instrument :
BNA_P
ClientSampleId :
PB168048BL

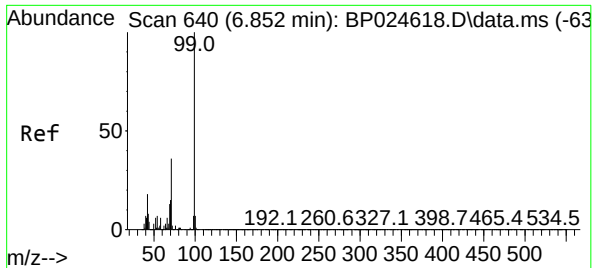
Tgt Ion:152 Resp: 134412
Ion Ratio Lower Upper
152 100
150 155.4 125.9 188.9
115 61.2 50.1 75.1



#5
2-Fluorophenol
Concen: 132.659 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024706.D
Acq: 20 May 2025 13:55

Tgt Ion:112 Resp: 1042522
Ion Ratio Lower Upper
112 100
64 53.0 44.1 66.1
63 29.0 23.5 35.3





#7

Phenol-d6

Concen: 121.663 ng

RT: 6.863 min Scan# 64

Delta R.T. 0.012 min

Lab File: BP024706.D

Acq: 20 May 2025 13:55

Instrument :

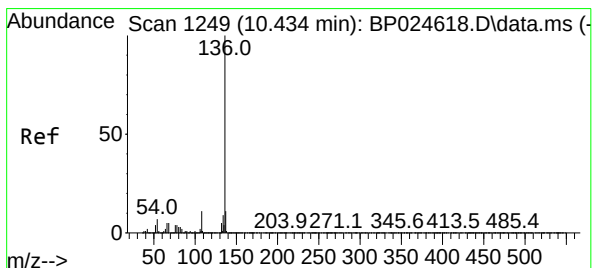
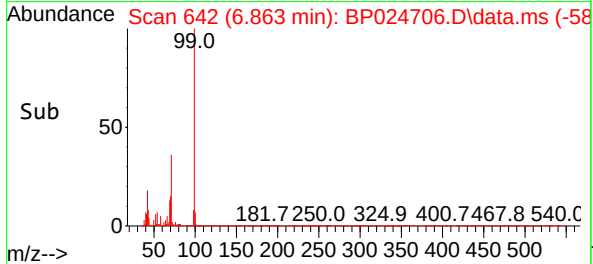
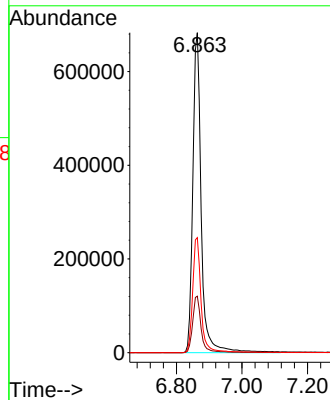
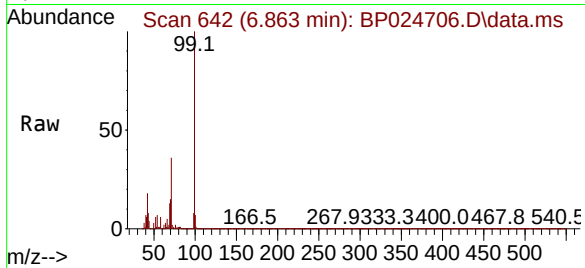
BNA_P

ClientSampleId :

PB168048BL

Tgt Ion: 99 Resp: 1220255

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.4	21.6
71	36.0	29.2	43.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.428 min Scan# 1248

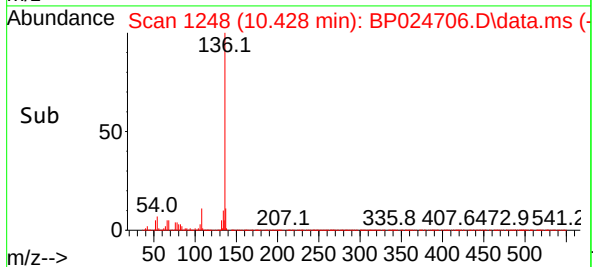
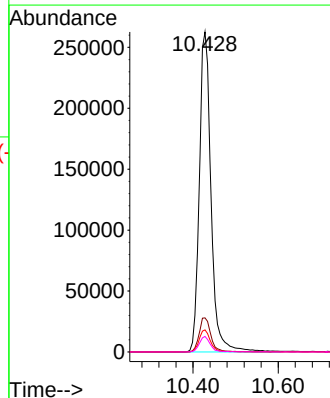
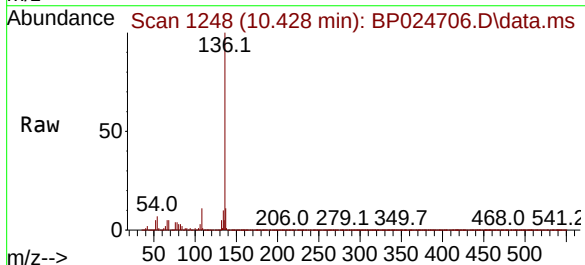
Delta R.T. -0.006 min

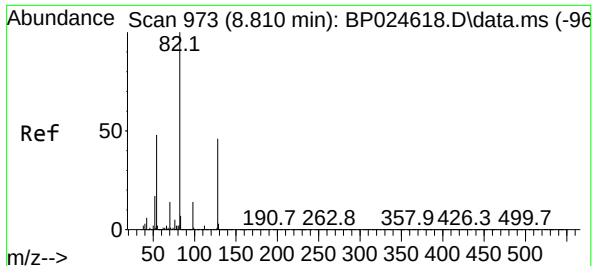
Lab File: BP024706.D

Acq: 20 May 2025 13:55

Tgt Ion: 136 Resp: 500749

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.5	8.3
68	4.9	4.2	6.2





#23

Nitrobenzene-d5

Concen: 76.089 ng

RT: 8.805 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024706.D

Acq: 20 May 2025 13:55

Instrument :

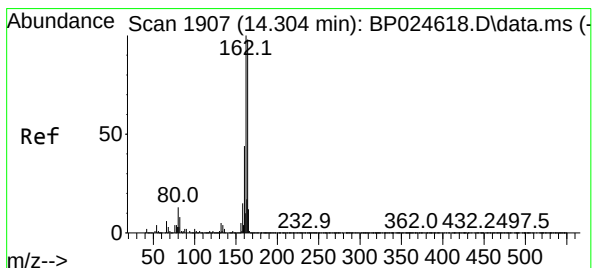
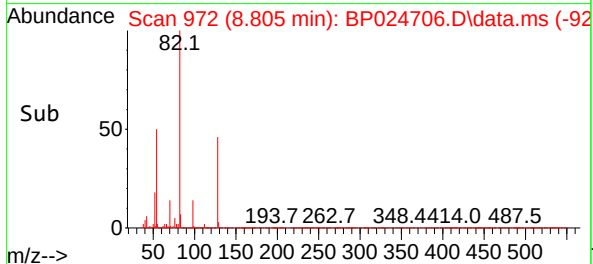
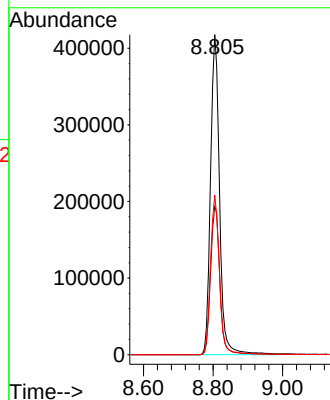
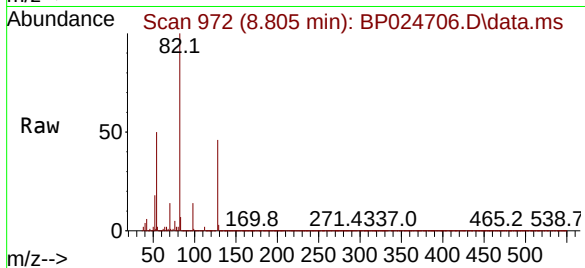
BNA_P

ClientSampleId :

PB168048BL

Tgt Ion: 82 Resp: 754094

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	49.8	38.7	58.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

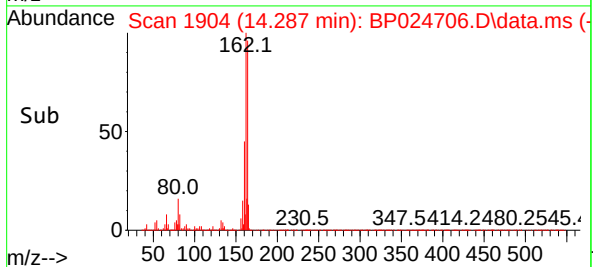
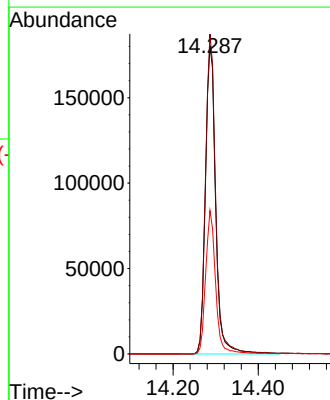
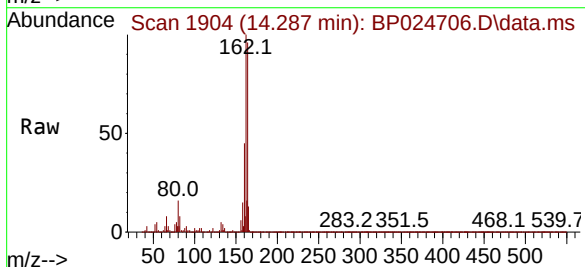
Delta R.T. -0.018 min

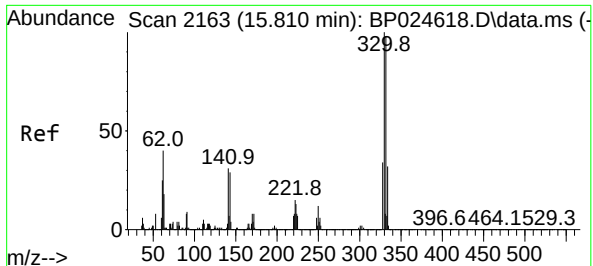
Lab File: BP024706.D

Acq: 20 May 2025 13:55

Tgt Ion: 164 Resp: 300658

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	46.5	36.3	54.5

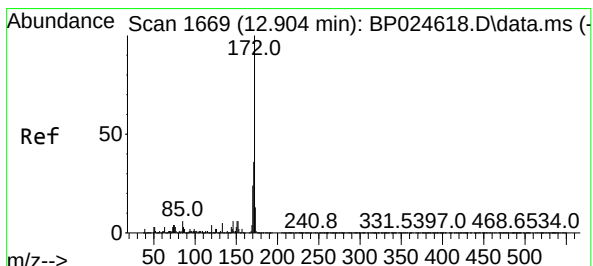
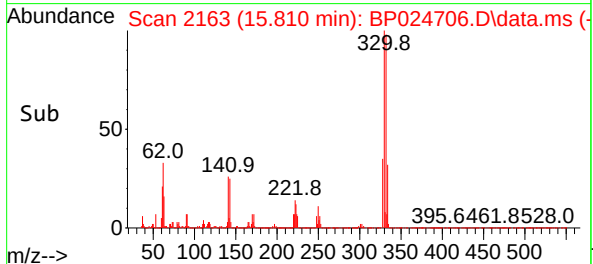
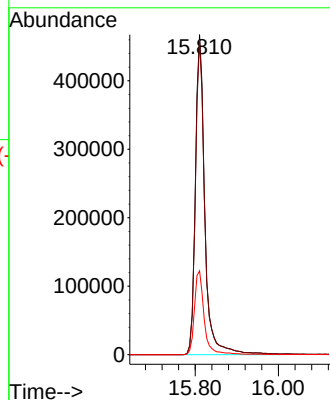
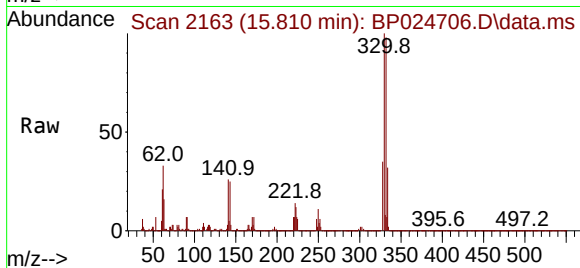




#42
2,4,6-Tribromophenol
Concen: 145.102 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024706.D
Acq: 20 May 2025 13:55

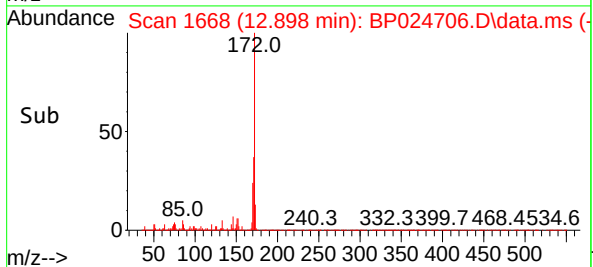
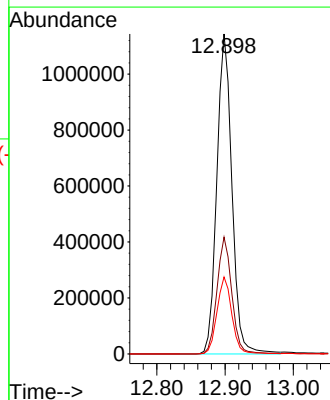
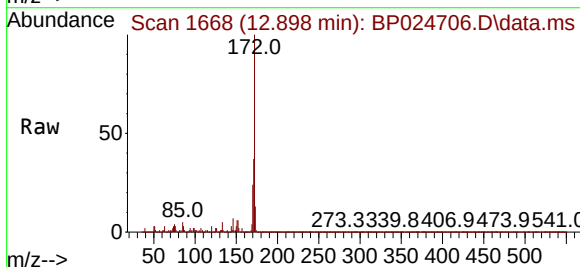
Instrument :
BNA_P
ClientSampleId :
PB168048BL

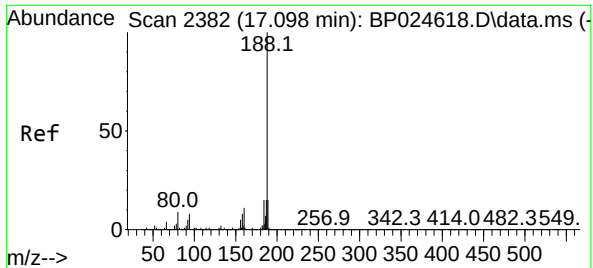
Tgt Ion:330 Resp: 739588
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 27.2 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 76.804 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024706.D
Acq: 20 May 2025 13:55

Tgt Ion:172 Resp: 1762567
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.0 18.8 28.2

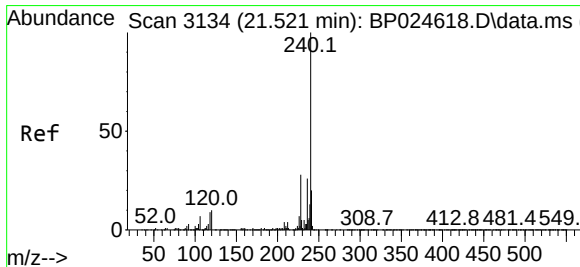
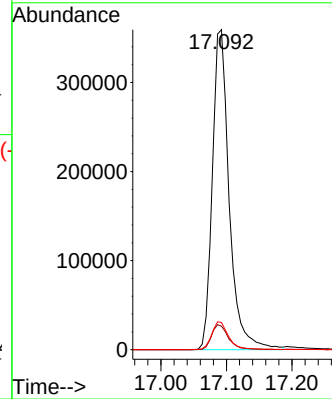
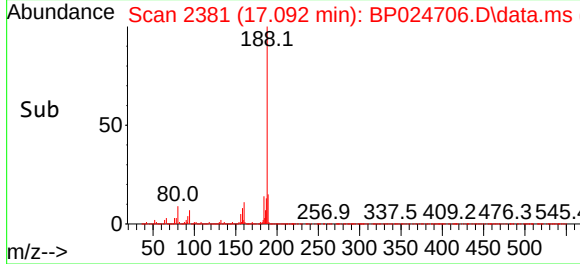
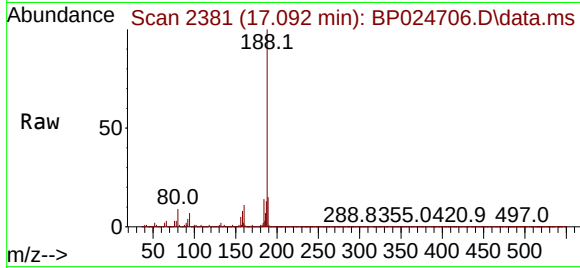




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024706.D
Acq: 20 May 2025 13:55

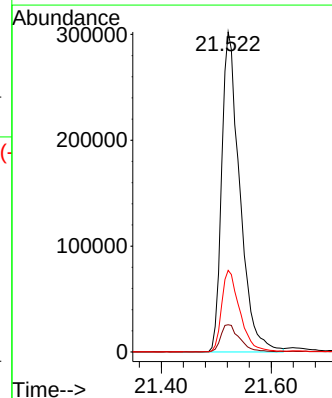
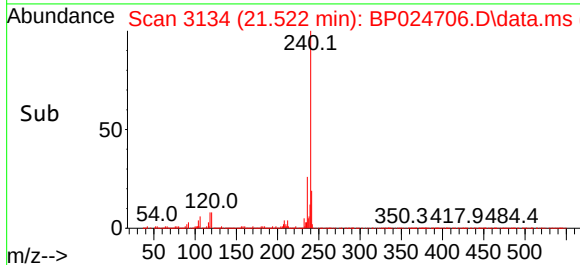
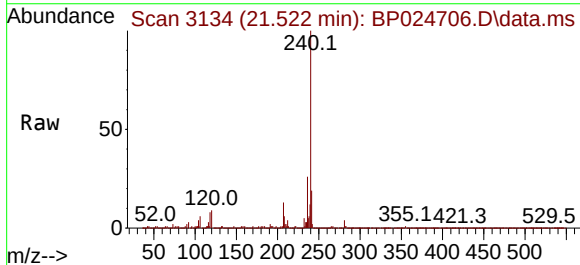
Instrument :
BNA_P
ClientSampleId :
PB168048BL

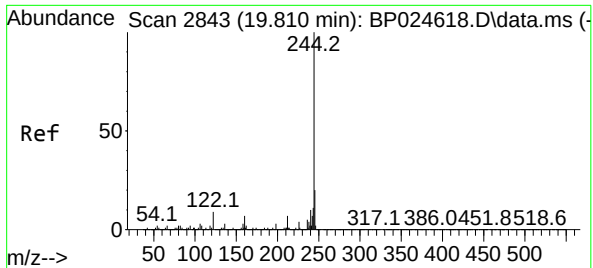
Tgt Ion:188 Resp: 642481
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024706.D
Acq: 20 May 2025 13:55

Tgt Ion:240 Resp: 691700
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 25.5 20.6 31.0

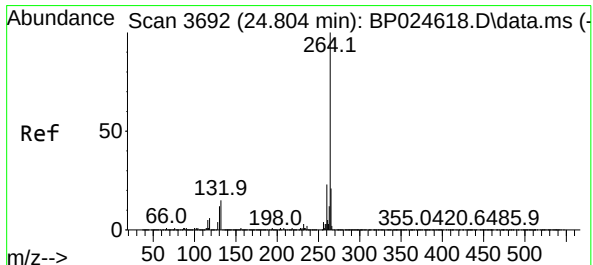
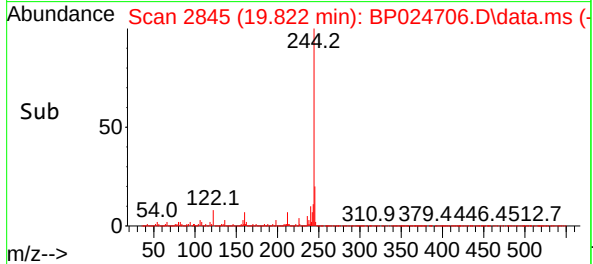
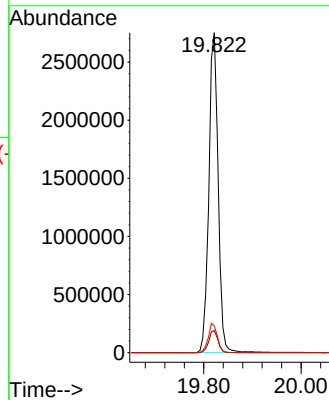
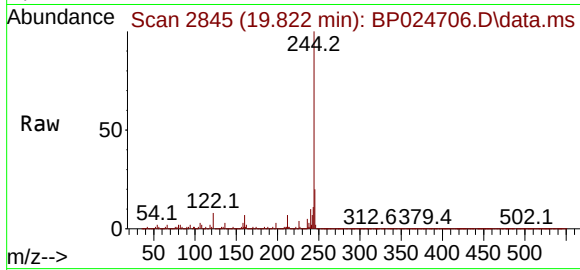




#79
 Terphenyl-d14
 Concen: 90.113 ng
 RT: 19.822 min Scan# 2845
 Delta R.T. 0.012 min
 Lab File: BP024706.D
 Acq: 20 May 2025 13:55

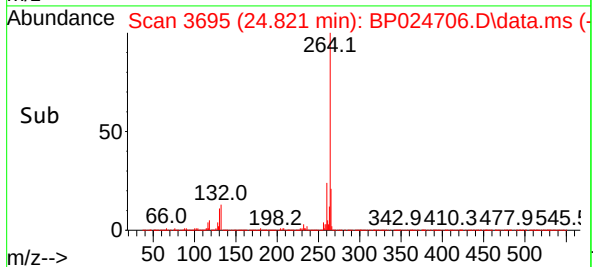
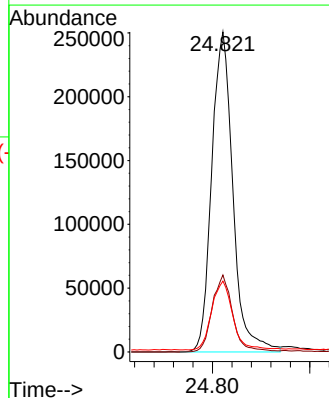
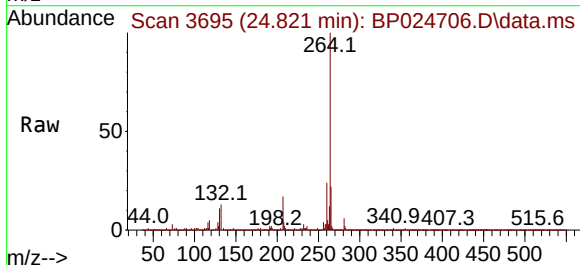
Instrument :
 BNA_P
 ClientSampleId :
 PB168048BL

Tgt Ion:244 Resp: 3635117
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.4 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.821 min Scan# 3695
 Delta R.T. 0.018 min
 Lab File: BP024706.D
 Acq: 20 May 2025 13:55

Tgt Ion:264 Resp: 756782
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.2 17.0 25.6



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168048BS	SDG No.:	Q2033
Lab Sample ID:	PB168048BS	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
BP024707.D	1	05/19/25 08:42	05/20/25 14:35	PB168048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	40.0		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	39.3		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.1		0.54	5.00	ug/L
91-20-3	Naphthalene	39.4		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	122		15 (10) - 110 (139)	82%	SPK: 150
13127-88-3	Phenol-d6	117		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.5		30 (49) - 130 (133)	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.5		30 (52) - 130 (132)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		15 (44) - 110 (137)	93%	SPK: 150
1718-51-0	Terphenyl-d14	76.9		30 (48) - 130 (125)	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	125000		7.657		
1146-65-2	Naphthalene-d8	495000		10.428		
15067-26-2	Acenaphthene-d10	304000		14.287		
1517-22-2	Phenanthrene-d10	614000		17.081		
1719-03-5	Chrysene-d12	693000		21.516		
1520-96-3	Perylene-d12	828000		24.792		

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\BP052025\
 Data File : BP024707.D
 Acq On : 20 May 2025 14:35
 Operator : RC/JU
 Sample : PB168048BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168048BS

Quant Time: May 20 15:06:43 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 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	124819	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	494827	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	304328	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	614284	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	693187	20.000	ng	0.00
86) Perylene-d12	24.792	264	827509	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	893003	122.366	ng	0.00
7) Phenol-d6	6.863	99	1089104	116.932	ng	0.01
23) Nitrobenzene-d5	8.810	82	680416	69.477	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	718839	139.330	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1730298	74.489	ng	-0.01
79) Terphenyl-d14	19.816	244	3106963	76.855	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	105719	30.850	ng	97
3) Pyridine	3.617	79	245584	32.320	ng	93
4) n-Nitrosodimethylamine	3.528	42	126980	37.853	ng	84
6) Aniline	6.999	93	311151	25.875	ng	99
8) 2-Chlorophenol	7.234	128	345097	41.656	ng	99
9) Benzaldehyde	6.810	77	184460	30.594	ng	99
10) Phenol	6.887	94	384088	39.954	ng	96
11) bis(2-Chloroethyl)ether	7.093	93	281912	35.689	ng	99
12) 1,3-Dichlorobenzene	7.546	146	372303	39.061	ng	99
13) 1,4-Dichlorobenzene	7.693	146	377192	39.347	ng	99
14) 1,2-Dichlorobenzene	8.005	146	361042	38.651	ng	100
15) Benzyl Alcohol	7.905	79	282068	39.852	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	330220	34.907	ng	99
17) 2-Methylphenol	8.116	107	274999	39.885	ng	98
18) Hexachloroethane	8.716	117	139528	37.982	ng	97
19) n-Nitroso-di-n-propyla...	8.457	70	215124	33.390	ng	96
20) 3+4-Methylphenols	8.446	107	363562	38.764	ng	96
22) Acetophenone	8.475	105	480484	38.873	ng	# 100
24) Nitrobenzene	8.846	77	325420	37.759	ng	96
25) Isophorone	9.369	82	610351	35.928	ng	98
26) 2-Nitrophenol	9.551	139	184377	43.659	ng	96
27) 2,4-Dimethylphenol	9.628	122	319643	42.929	ng	100
28) bis(2-Chloroethoxy)met...	9.846	93	377505	37.195	ng	99
29) 2,4-Dichlorophenol	10.104	162	316434	43.856	ng	98
30) 1,2,4-Trichlorobenzene	10.293	180	333960	41.073	ng	97
31) Naphthalene	10.475	128	1011010	39.427	ng	100
32) Benzoic acid	9.804	122	190843	38.557	ng	97
33) 4-Chloroaniline	10.599	127	201537	19.477	ng	99
34) Hexachlorobutadiene	10.757	225	223160	42.367	ng	98
35) Caprolactam	11.393	113	103513	39.652	ng	97
36) 4-Chloro-3-methylphenol	11.746	107	368425	41.871	ng	99
37) 2-Methylnaphthalene	12.087	142	656171	39.519	ng	99
38) 1-Methylnaphthalene	12.310	142	701480	39.485	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	384111	43.465	ng	100
41) Hexachlorocyclopentadiene	12.434	237	477928	89.188	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	265360	46.359	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024707.D
 Acq On : 20 May 2025 14:35
 Operator : RC/JU
 Sample : PB168048BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168048BS

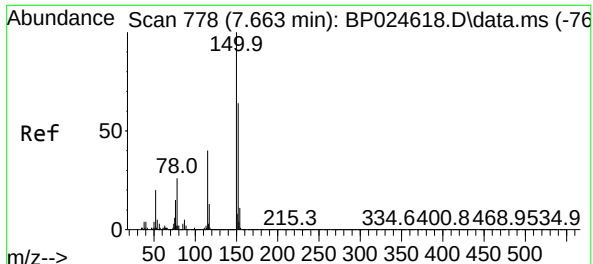
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	286530	44.970	ng	98
46) 1,1'-Biphenyl	13.110	154	963510	42.836	ng	99
47) 2-Chloronaphthalene	13.151	162	737226	42.986	ng	99
48) 2-Nitroaniline	13.369	65	219663	43.261	ng	96
49) Acenaphthylene	14.004	152	1189545	41.446	ng	100
50) Dimethylphthalate	13.745	163	984006	42.421	ng	100
51) 2,6-Dinitrotoluene	13.869	165	210670	43.004	ng	99
52) Acenaphthene	14.351	154	680659	41.253	ng	100
53) 3-Nitroaniline	14.210	138	131765	26.342	ng	97
54) 2,4-Dinitrophenol	14.428	184	252393	81.567	ng	96
55) Dibenzofuran	14.692	168	1109951	42.175	ng	99
56) 4-Nitrophenol	14.569	139	325725	75.469	ng	97
57) 2,4-Dinitrotoluene	14.669	165	308420	44.656	ng	97
58) Fluorene	15.351	166	910033	42.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	256167	43.340	ng	97
60) Diethylphthalate	15.134	149	974989	41.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	455268	42.541	ng	99
62) 4-Nitroaniline	15.392	138	193166	39.994	ng	99
63) Azobenzene	15.645	77	814077	40.590	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	175622	44.261	ng	98
66) n-Nitrosodiphenylamine	15.569	169	803540	42.587	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	318593	44.014	ng	99
68) Hexachlorobenzene	16.381	284	408492	44.412	ng	94
69) Atrazine	16.551	200	307059	44.406	ng	99
70) Pentachlorophenol	16.739	266	510226	98.822	ng	100
71) Phenanthrene	17.128	178	1386666	40.607	ng	99
72) Anthracene	17.222	178	1457149	42.411	ng	100
73) Carbazole	17.504	167	1335342	42.941	ng	100
74) Di-n-butylphthalate	18.086	149	1657780	41.451	ng	99
75) Fluoranthene	19.216	202	1695882	42.484	ng	99
77) Benzidine	19.416	184	723227	38.307	ng	100
78) Pyrene	19.592	202	1760402	42.384	ng	99
80) Butylbenzylphthalate	20.545	149	796147	43.100	ng	96
81) Benzo(a)anthracene	21.492	228	1825211	41.934	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	533711	33.013	ng	100
83) Chrysene	21.569	228	1682550	40.778	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1203178	44.315	ng	99
85) Di-n-octyl phthalate	22.680	149	2017155	45.433	ng	100
87) Indeno(1,2,3-cd)pyrene	28.521	276	2578470	42.681	ng	# 87
88) Benzo(b)fluoranthene	23.757	252	2012992	42.499	ng	98
89) Benzo(k)fluoranthene	23.833	252	2085330	42.726	ng	99
90) Benzo(a)pyrene	24.651	252	1937802	42.598	ng	98
91) Dibenzo(a,h)anthracene	28.592	278	2122778	43.192	ng	98
92) Benzo(g,h,i)perylene	29.668	276	2055756	42.061	ng	98

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

Instrument :
BNA_P
ClientSampleId :
PB168048BS

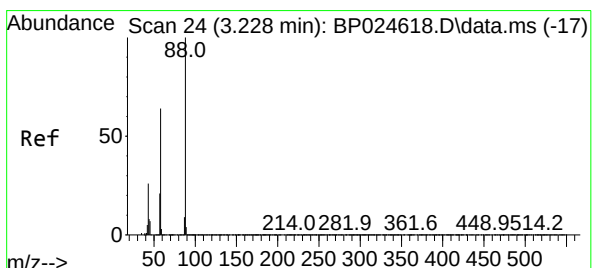
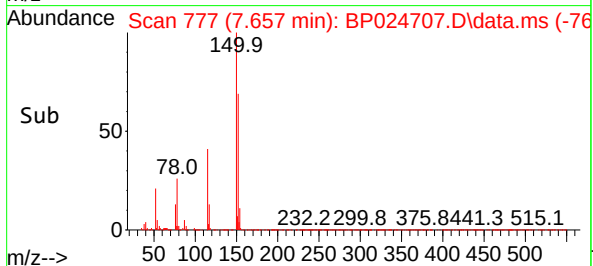
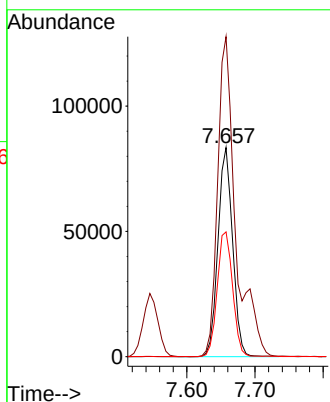
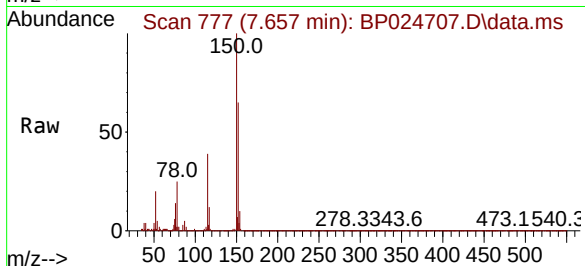
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

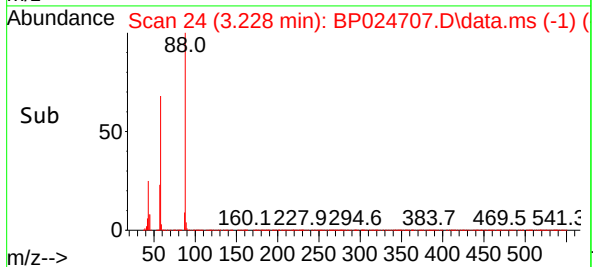
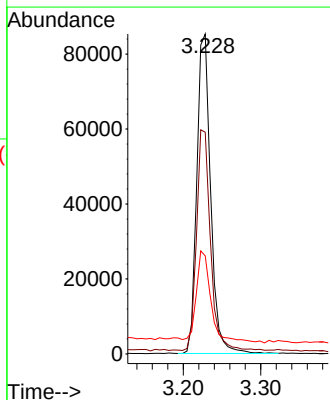
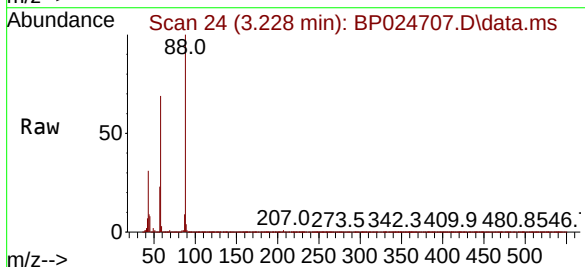
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PB168048BS

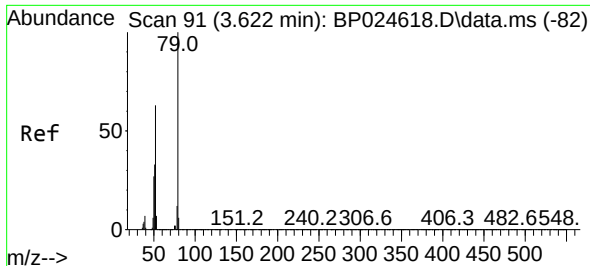
Tgt Ion:152 Resp: 124819
Ion Ratio Lower Upper
152 100
150 153.0 125.9 188.9
115 59.6 50.1 75.1



#2
1,4-Dioxane
Concen: 30.850 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 88 Resp: 105719
Ion Ratio Lower Upper
88 100
58 68.7 54.0 81.0
43 31.1 21.4 32.0

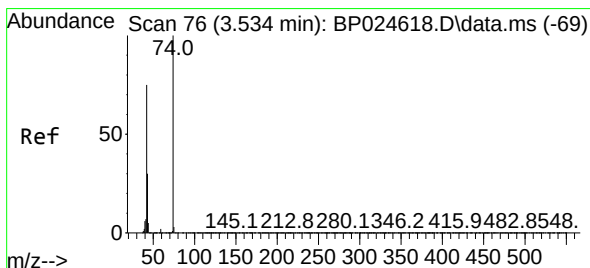
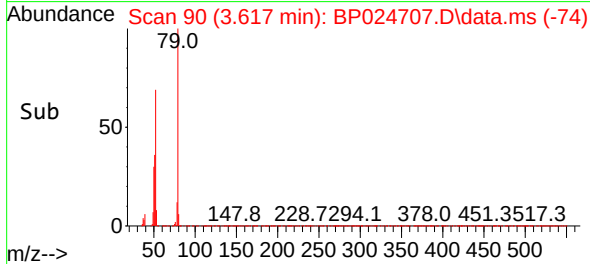
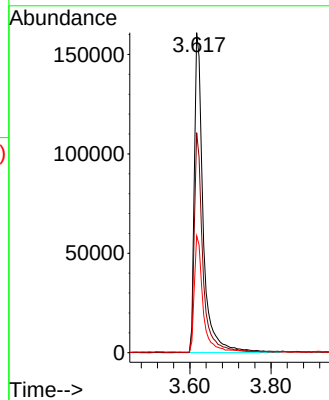
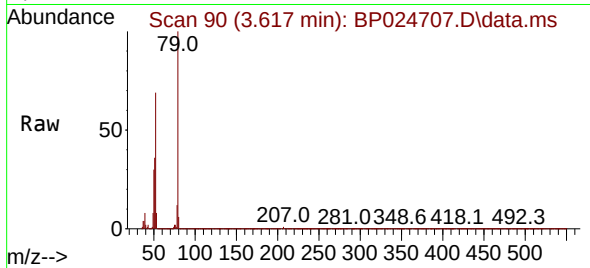




#3
Pyridine
Concen: 32.320 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

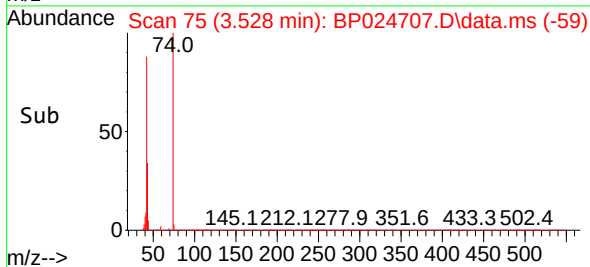
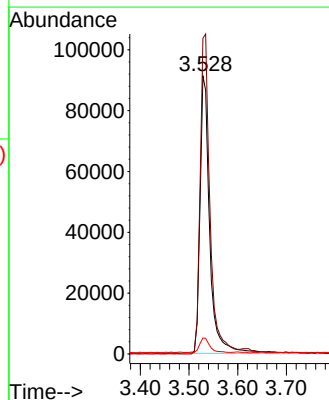
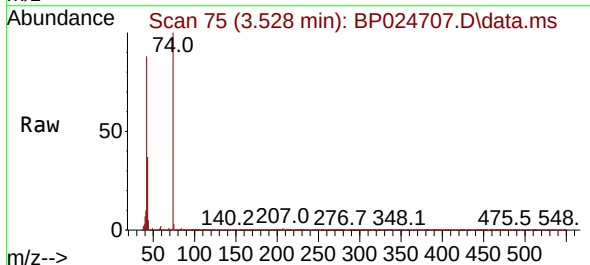
Instrument :
BNA_P
ClientSampleId :
PB168048BS

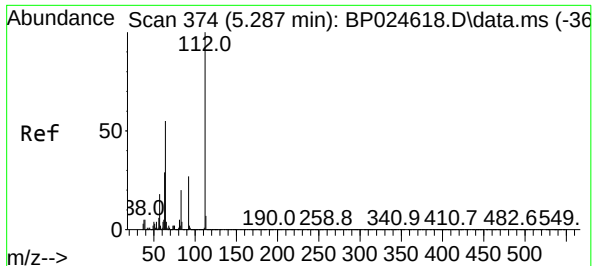
Tgt Ion: 79 Resp: 245584
Ion Ratio Lower Upper
79 100
52 68.8 50.2 75.2
51 36.5 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 37.853 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 42 Resp: 126980
Ion Ratio Lower Upper
42 100
74 113.6 106.2 159.2
44 5.7 5.4 8.2

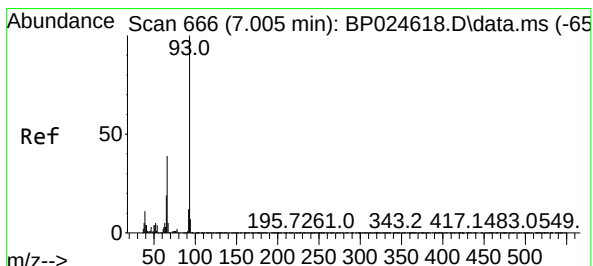
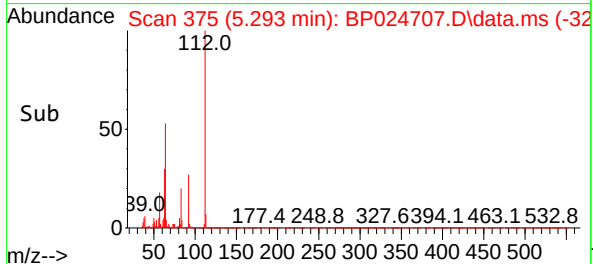
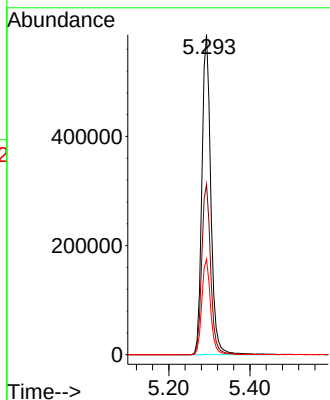
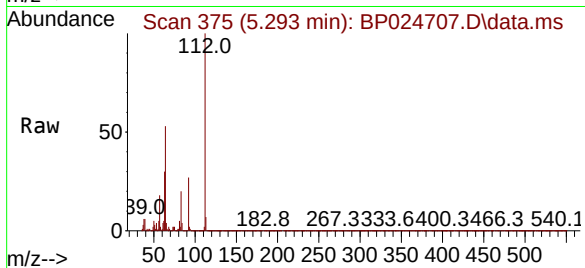




#5
2-Fluorophenol
Concen: 122.366 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

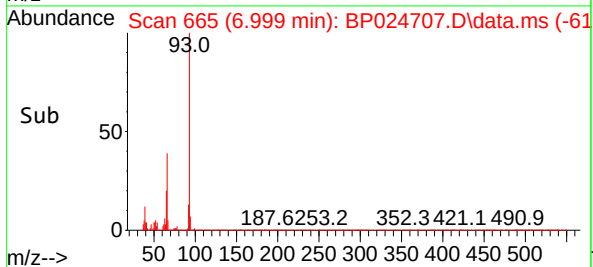
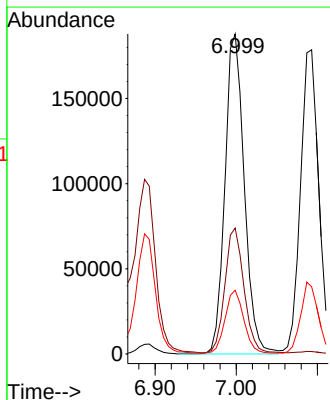
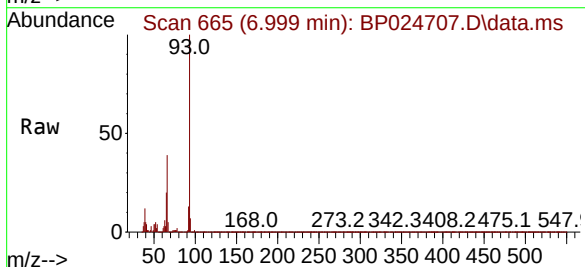
Instrument :
BNA_P
ClientSampleId :
PB168048BS

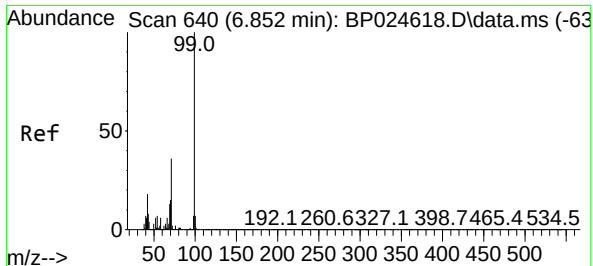
Tgt Ion:112 Resp: 893003
Ion Ratio Lower Upper
112 100
64 53.3 44.1 66.1
63 29.8 23.5 35.3



#6
Aniline
Concen: 25.875 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 93 Resp: 311151
Ion Ratio Lower Upper
93 100
66 39.4 31.0 46.6
65 19.9 15.5 23.3





#7

Phenol-d6

Concen: 116.932 ng

RT: 6.863 min Scan# 64

Delta R.T. 0.012 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

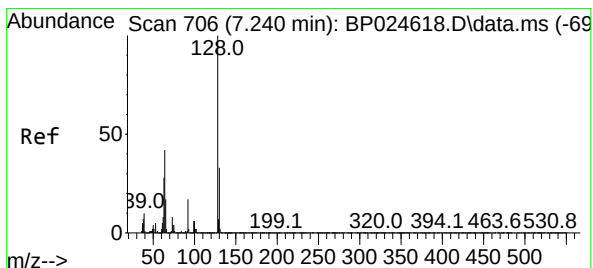
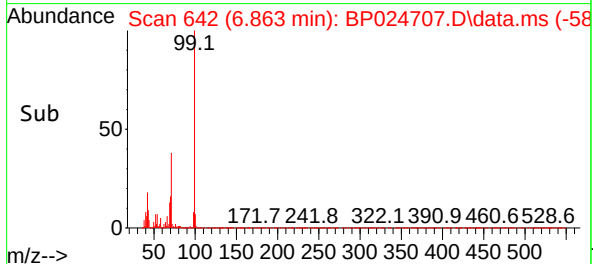
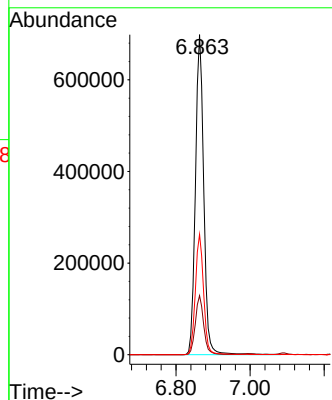
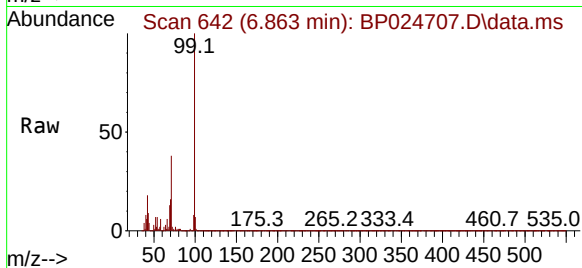
BNA_P

ClientSampleId :

PB168048BS

Tgt Ion: 99 Resp: 1089104

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.4	21.6
71	37.6	29.2	43.8



#8

2-Chlorophenol

Concen: 41.656 ng

RT: 7.234 min Scan# 705

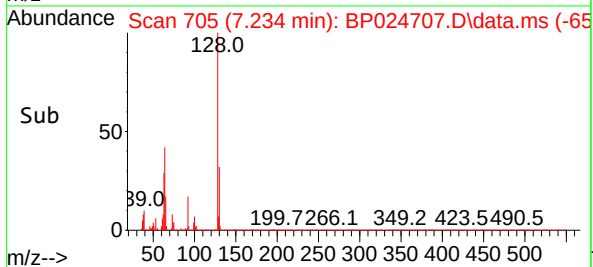
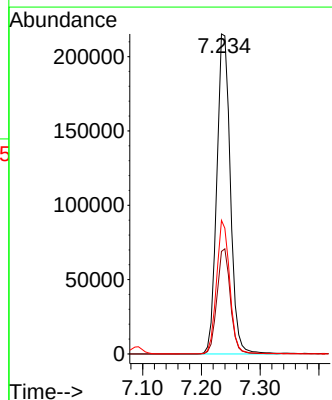
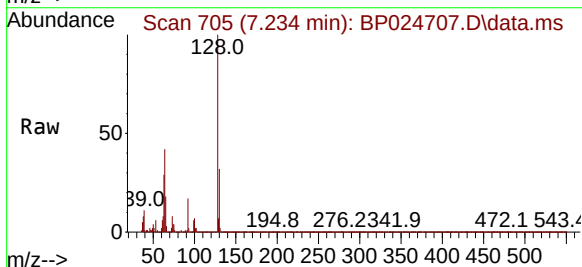
Delta R.T. -0.006 min

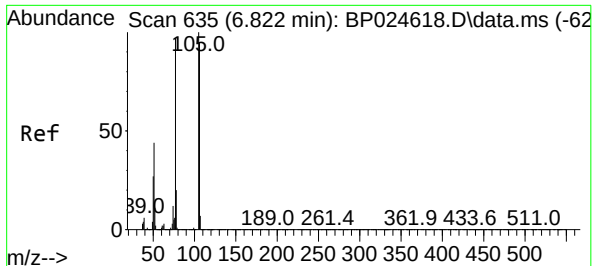
Lab File: BP024707.D

Acq: 20 May 2025 14:35

Tgt Ion: 128 Resp: 345097

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	41.8	22.3	62.3

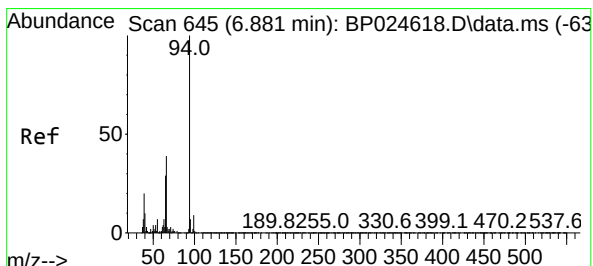
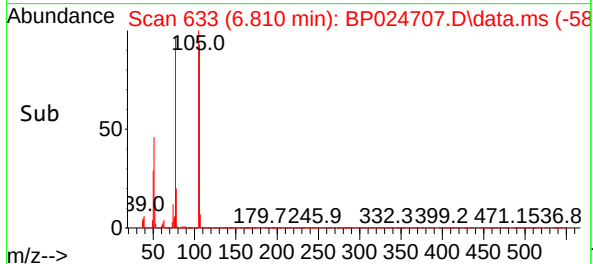
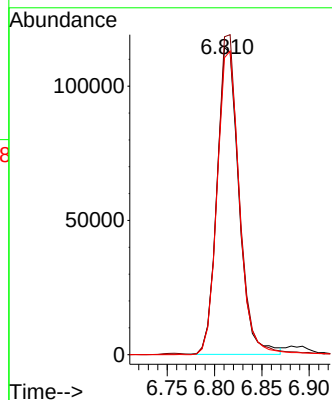
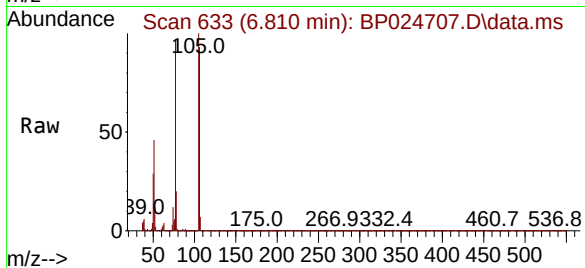




#9
Benzaldehyde
Concen: 30.594 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

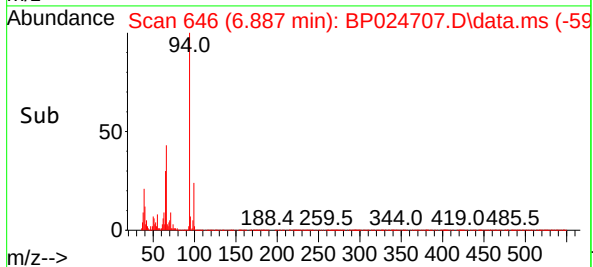
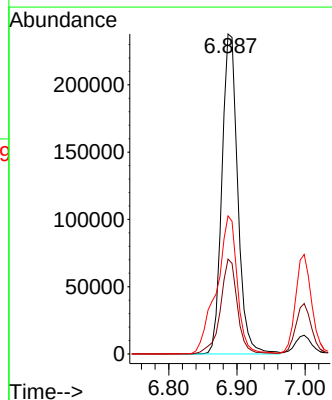
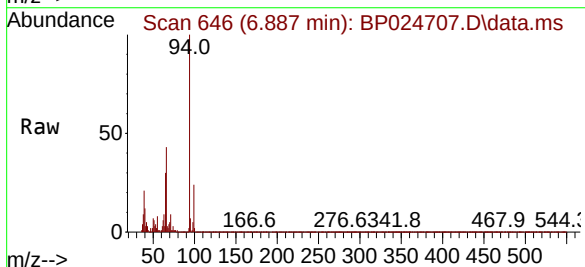
Instrument :
BNA_P
ClientSampleId :
PB168048BS

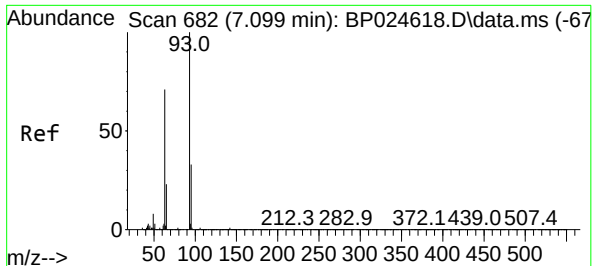
Tgt Ion: 77 Resp: 184460
Ion Ratio Lower Upper
77 100
105 103.5 83.3 123.3
106 96.7 78.0 118.0



#10
Phenol
Concen: 39.954 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 94 Resp: 384088
Ion Ratio Lower Upper
94 100
65 29.7 8.7 48.7
66 43.1 19.4 59.4

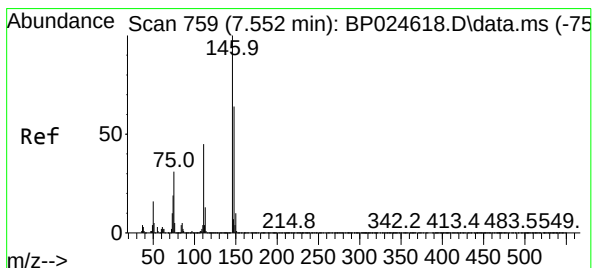
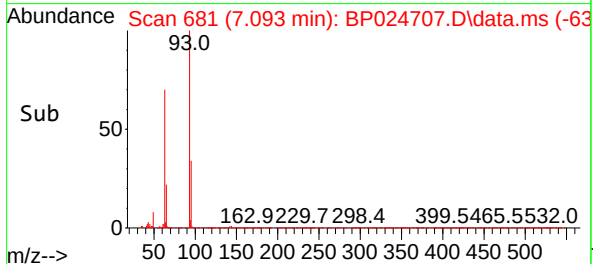
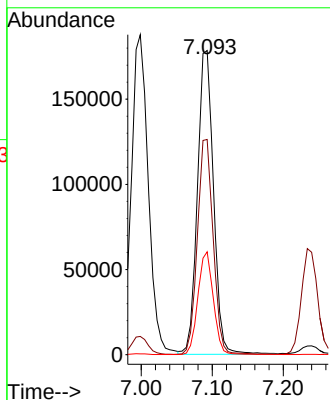
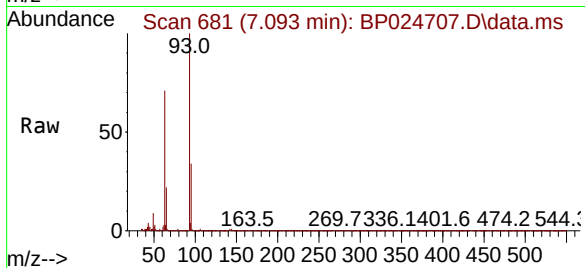




#11
bis(2-Chloroethyl)ether
Concen: 35.689 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

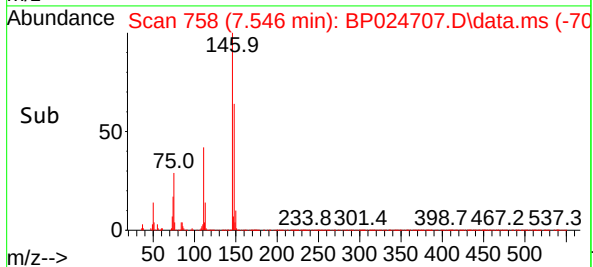
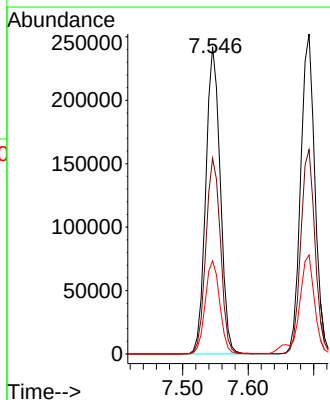
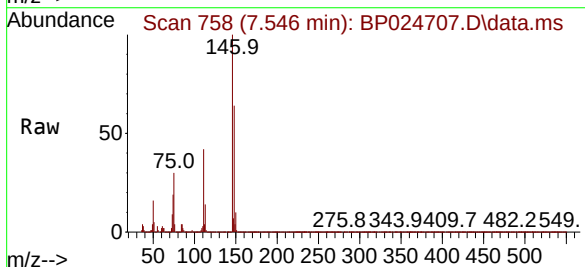
Instrument :
BNA_P
ClientSampleId :
PB168048BS

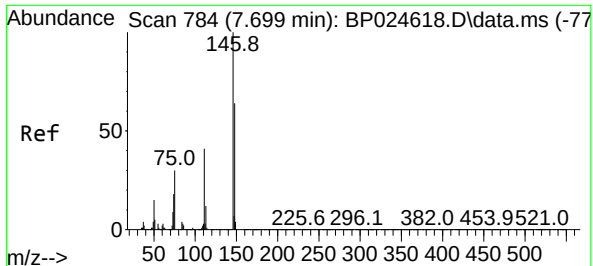
Tgt Ion: 93 Resp: 281912
Ion Ratio Lower Upper
93 100
63 70.7 50.6 90.6
95 33.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.061 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 146 Resp: 372303
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 30.3 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 39.347 ng

RT: 7.693 min Scan# 71

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

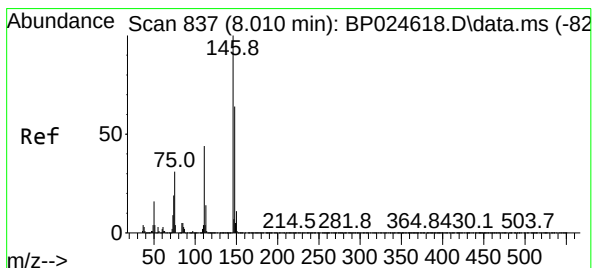
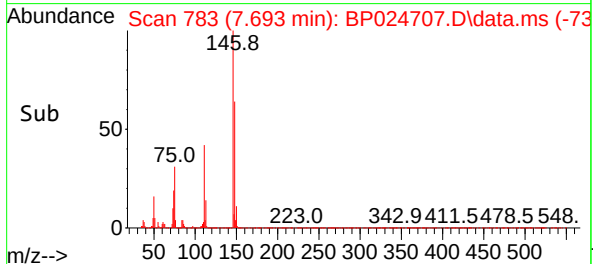
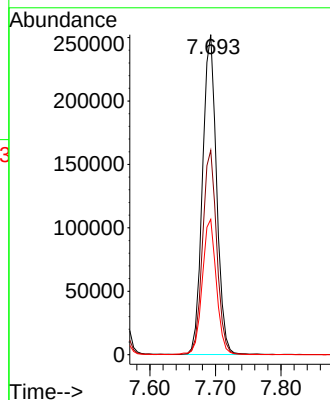
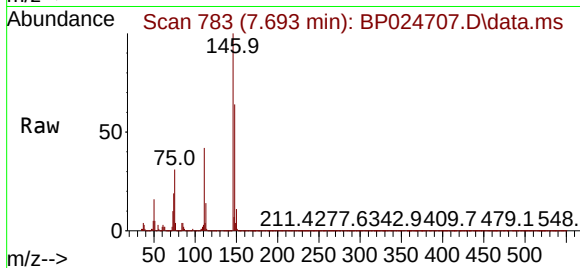
Tgt Ion:146 Resp: 377192

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 42.3 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 38.651 ng

RT: 8.005 min Scan# 836

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

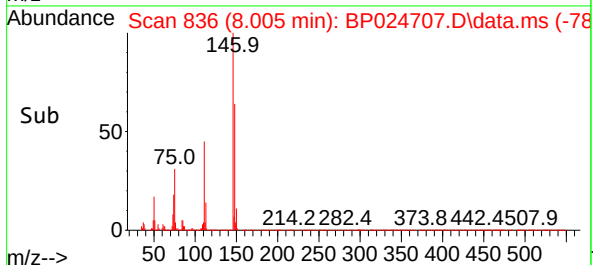
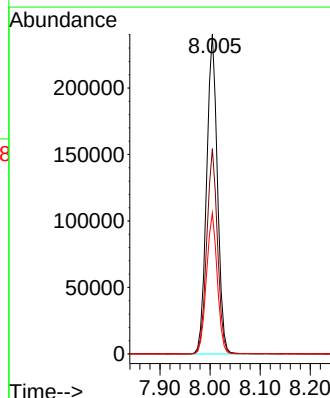
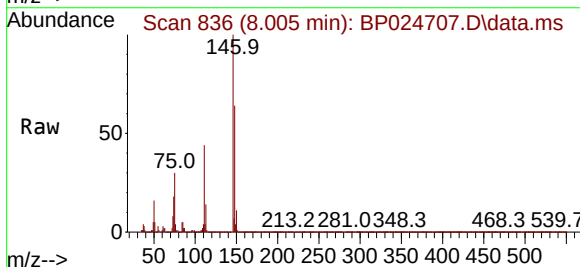
Tgt Ion:146 Resp: 361042

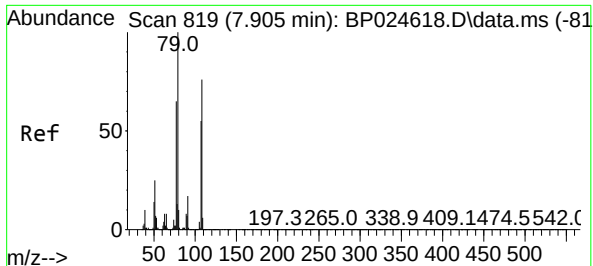
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

111 44.0 35.2 52.8





#15

Benzyl Alcohol

Concen: 39.852 ng

RT: 7.905 min Scan# 819

Delta R.T. -0.000 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

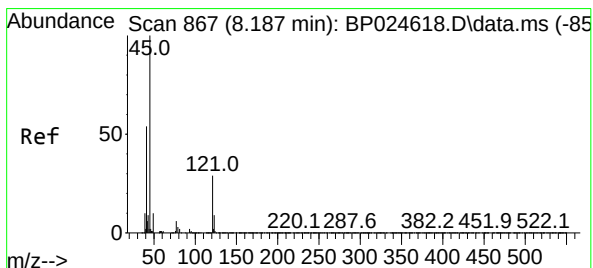
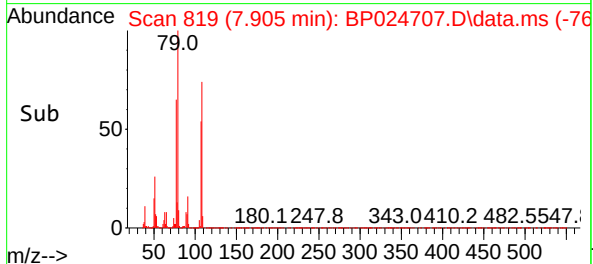
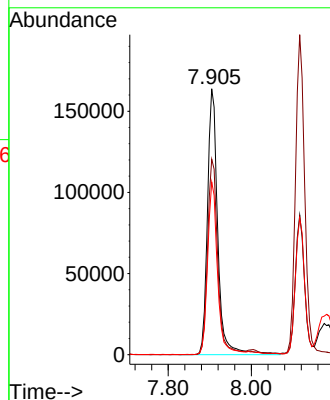
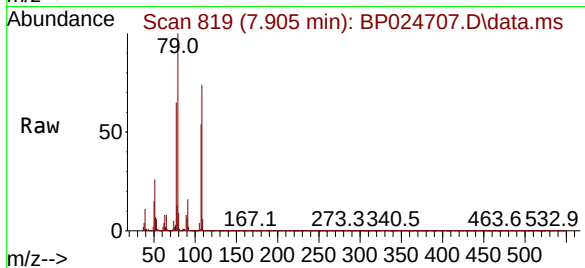
Tgt Ion: 79 Resp: 282068

Ion Ratio Lower Upper

79 100

108 73.5 60.8 91.2

77 65.0 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.907 ng

RT: 8.175 min Scan# 865

Delta R.T. -0.012 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

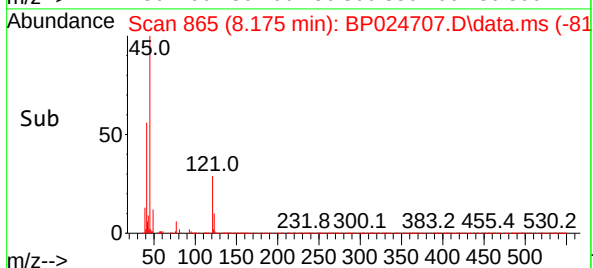
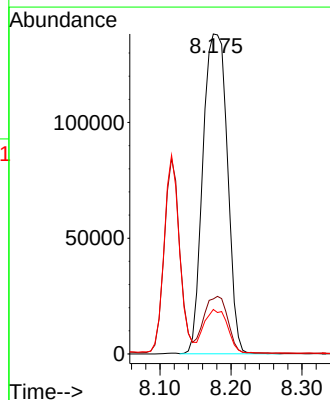
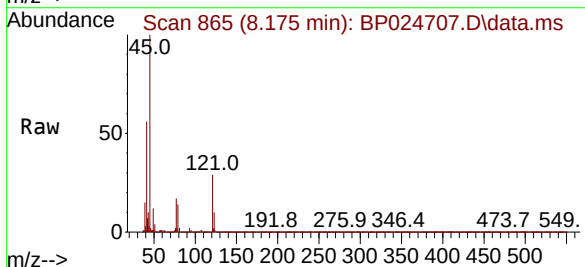
Tgt Ion: 45 Resp: 330220

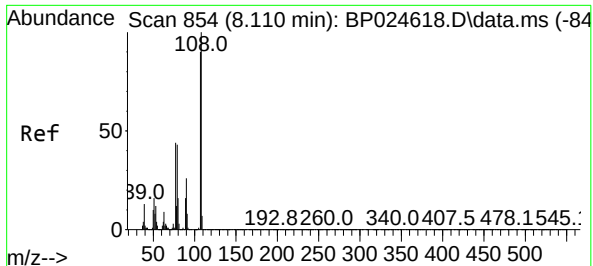
Ion Ratio Lower Upper

45 100

77 17.2 0.0 37.7

79 13.9 0.0 34.0

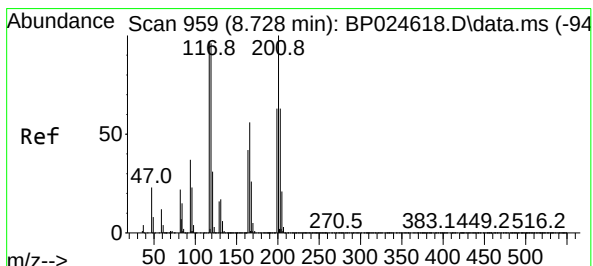
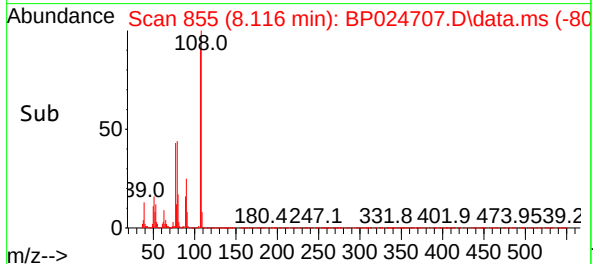
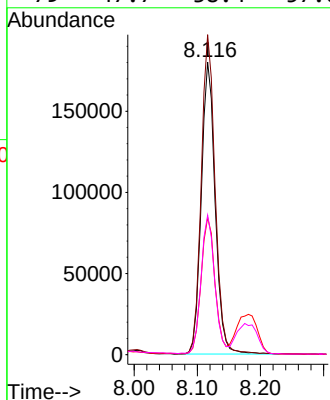
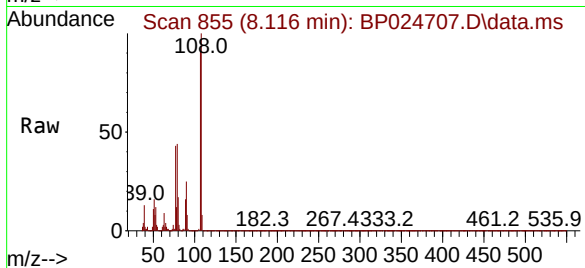




#17
2-Methylphenol
Concen: 39.885 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

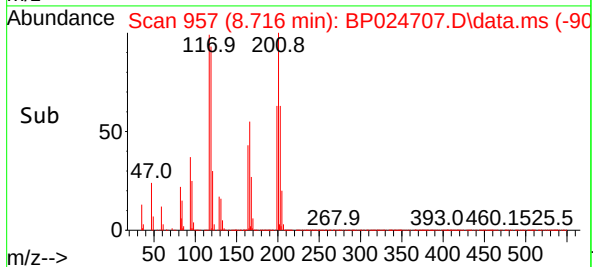
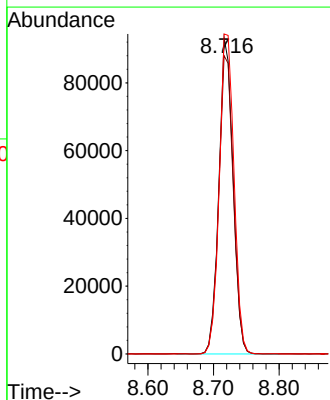
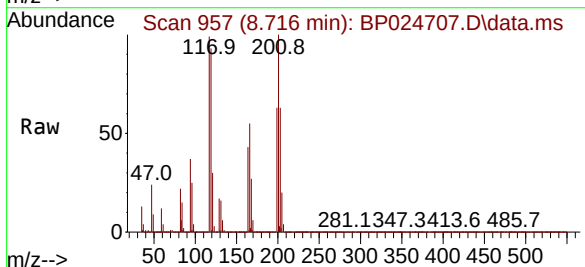
Instrument :
BNA_P
ClientSampleId :
PB168048BS

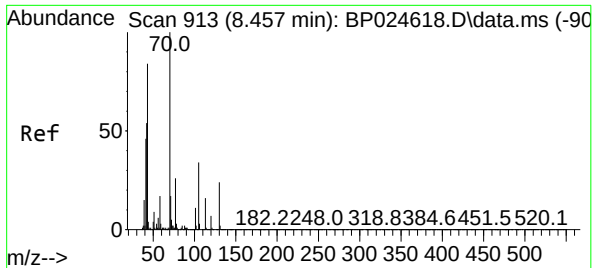
Tgt Ion:107 Resp: 274999
Ion Ratio Lower Upper
107 100
108 109.4 88.9 133.3
77 46.9 39.0 58.6
79 47.7 38.4 57.6



#18
Hexachloroethane
Concen: 37.982 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:117 Resp: 139528
Ion Ratio Lower Upper
117 100
119 94.4 79.4 119.0
201 101.3 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 33.390 ng

RT: 8.457 min Scan# 911

Delta R.T. -0.000 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

Tgt Ion: 70 Resp: 215124

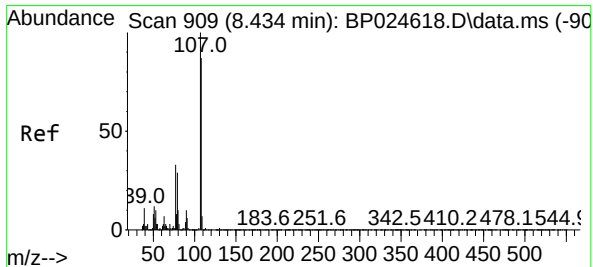
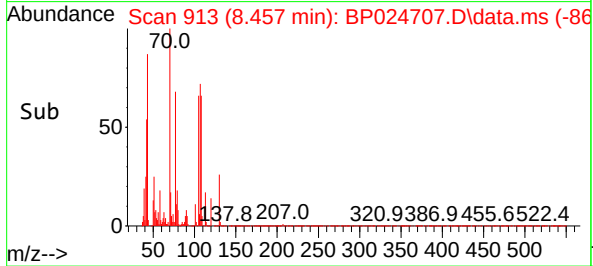
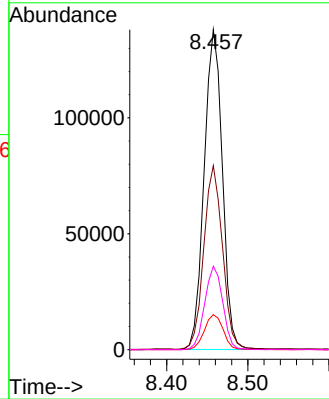
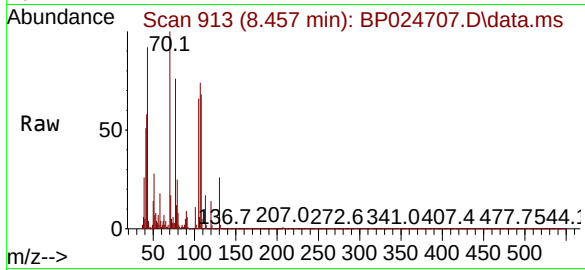
Ion Ratio Lower Upper

70 100

42 57.5 43.0 64.6

101 11.0 8.7 13.1

130 26.1 19.4 29.0



#20

3+4-Methylphenols

Concen: 38.764 ng

RT: 8.446 min Scan# 911

Delta R.T. 0.012 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Tgt Ion: 107 Resp: 363562

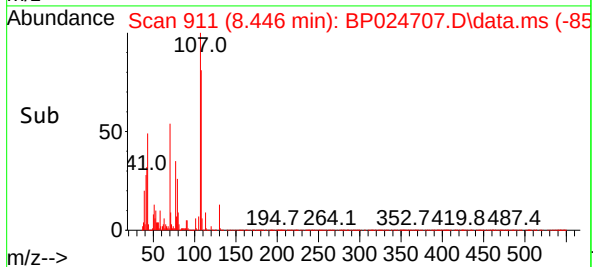
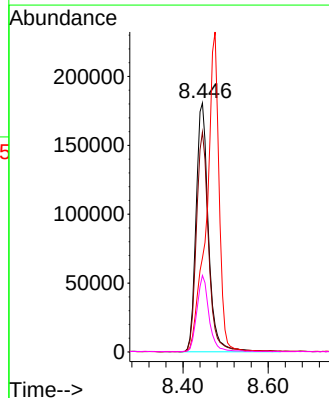
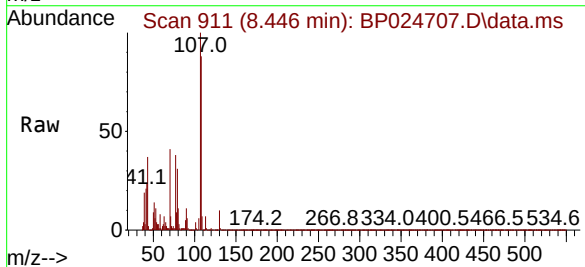
Ion Ratio Lower Upper

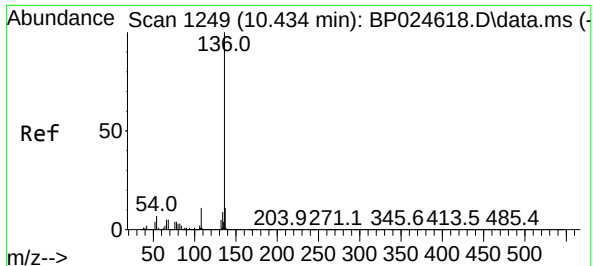
107 100

108 88.3 66.7 106.7

77 37.7 13.1 53.1

79 30.7 8.9 48.9

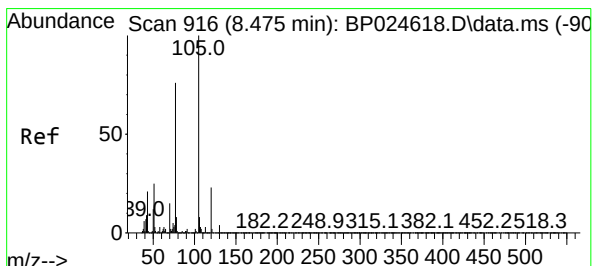
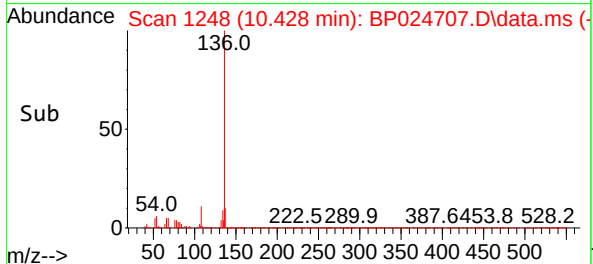
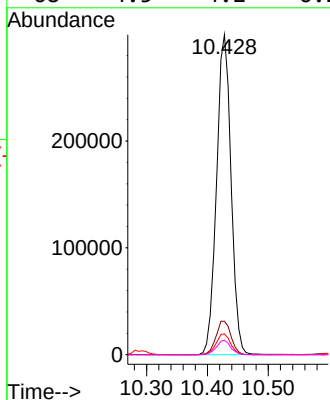
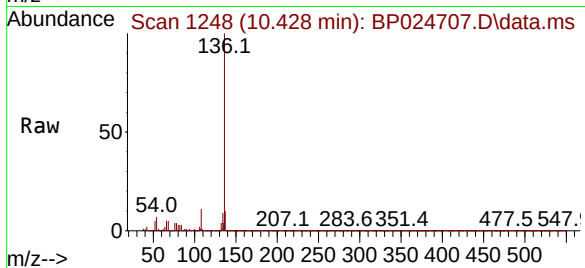




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

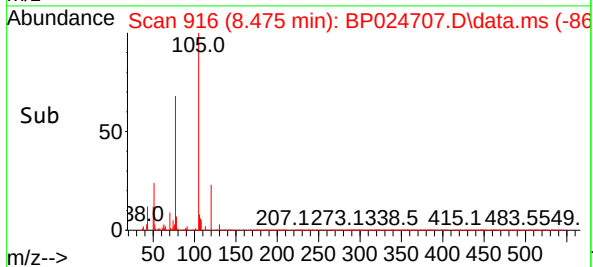
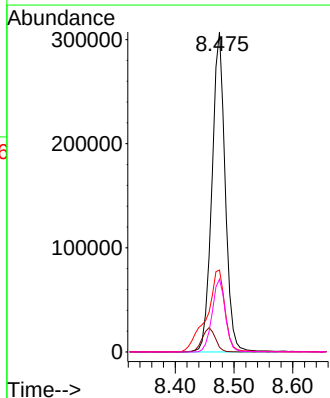
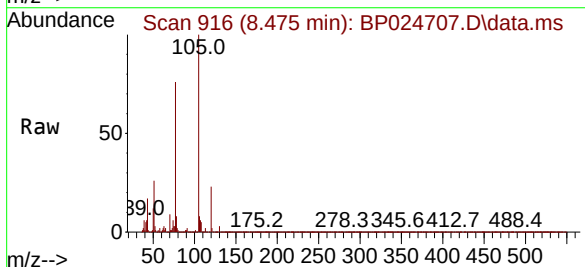
Instrument :
BNA_P
ClientSampleId :
PB168048BS

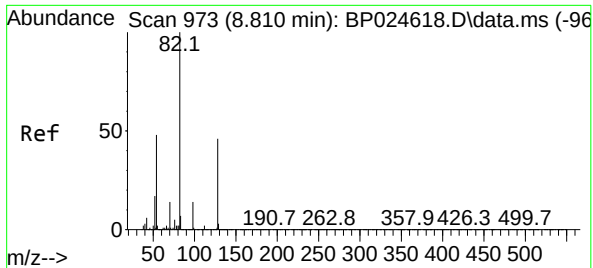
Tgt Ion:	136	Resp:	494827
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.5	5.5	8.3
68	4.5	4.2	6.2



#22
Acetophenone
Concen: 38.873 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:	105	Resp:	480484
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.0	3.0
51	25.6	20.4	30.6
120	22.7	18.1	27.1





#23

Nitrobenzene-d5

Concen: 69.477 ng

RT: 8.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

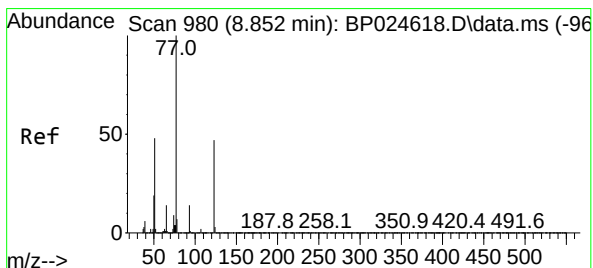
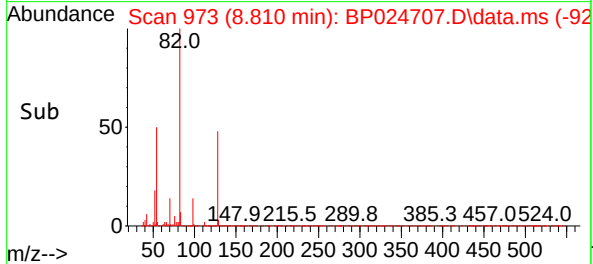
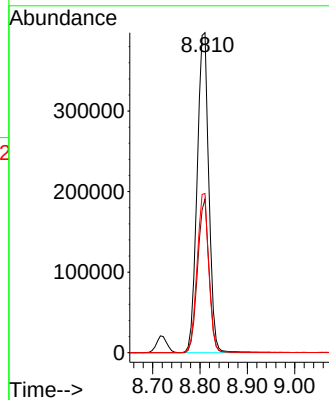
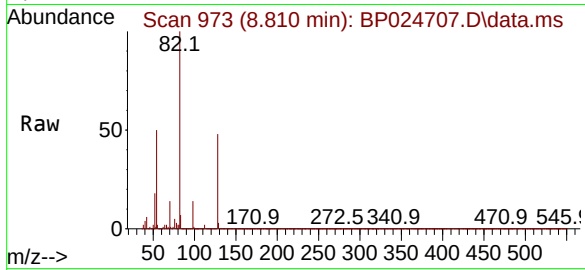
Tgt Ion: 82 Resp: 680416

Ion Ratio Lower Upper

82 100

128 48.0 37.0 55.4

54 49.7 38.7 58.1



#24

Nitrobenzene

Concen: 37.759 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

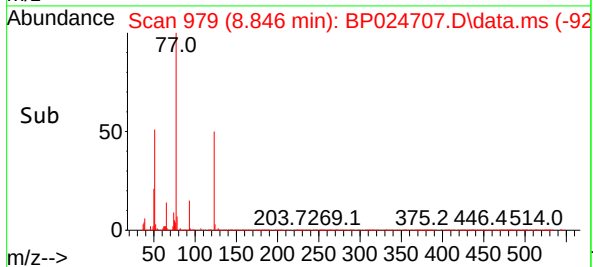
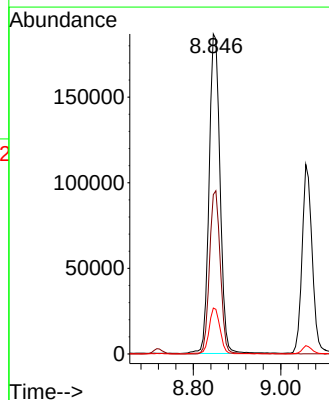
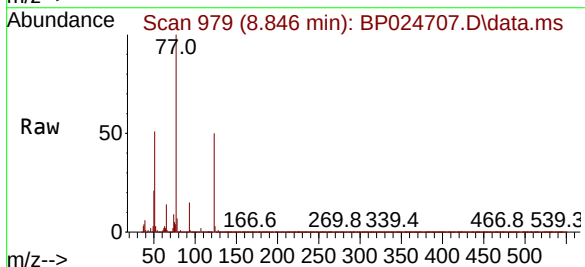
Tgt Ion: 77 Resp: 325420

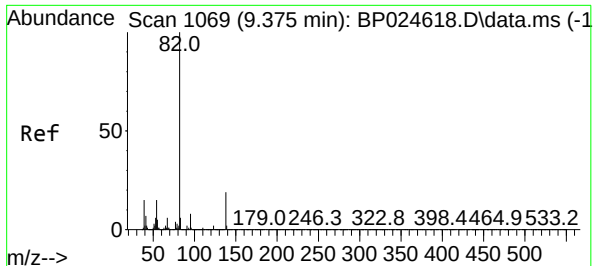
Ion Ratio Lower Upper

77 100

123 49.8 37.4 56.0

65 14.4 11.3 16.9

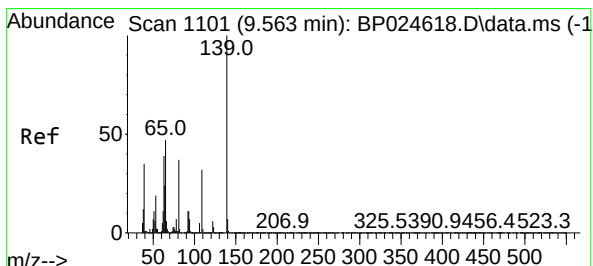
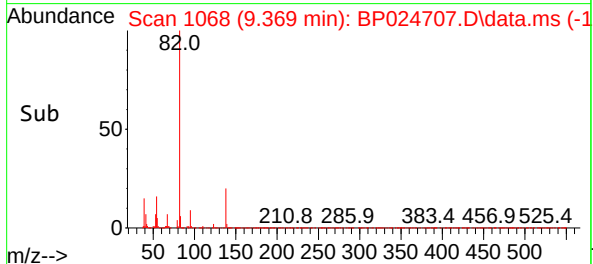
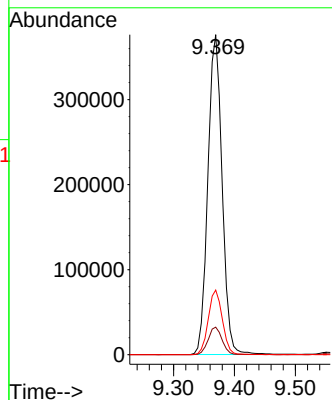
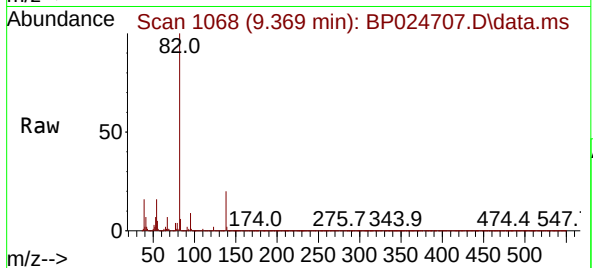




#25
Isophorone
Concen: 35.928 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

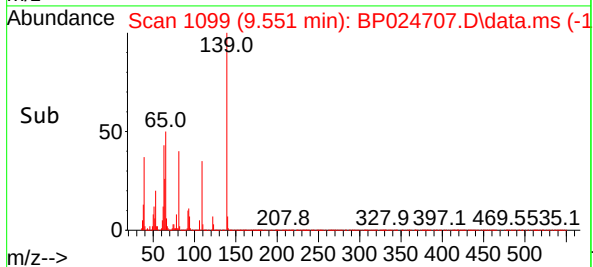
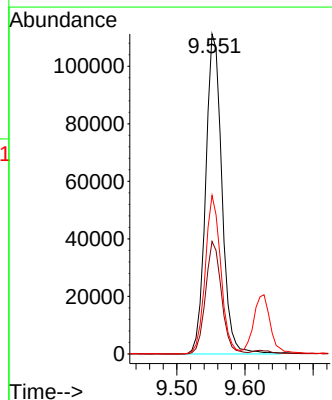
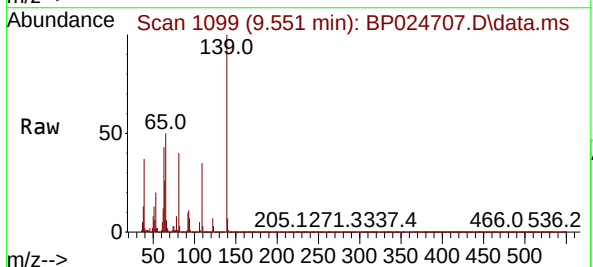
Instrument :
BNA_P
ClientSampleId :
PB168048BS

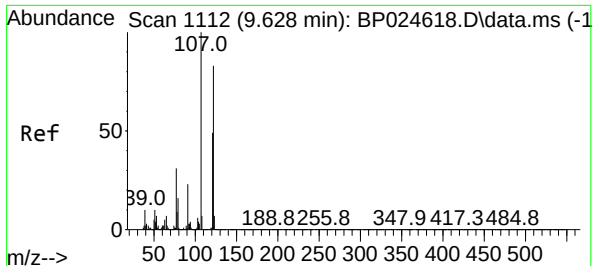
Tgt Ion: 82 Resp: 610351
Ion Ratio Lower Upper
82 100
95 8.6 6.3 9.5
138 20.2 15.3 22.9



#26
2-Nitrophenol
Concen: 43.659 ng
RT: 9.551 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 139 Resp: 184377
Ion Ratio Lower Upper
139 100
109 35.2 25.9 38.9
65 49.6 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 42.929 ng

RT: 9.628 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

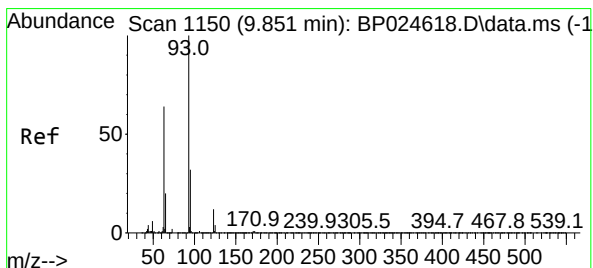
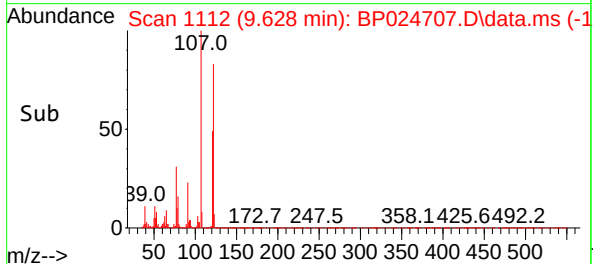
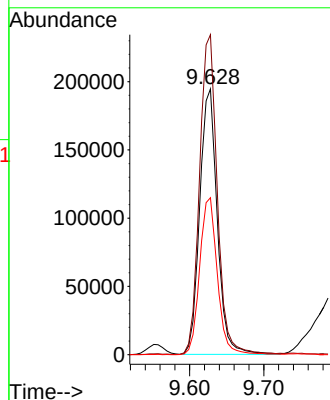
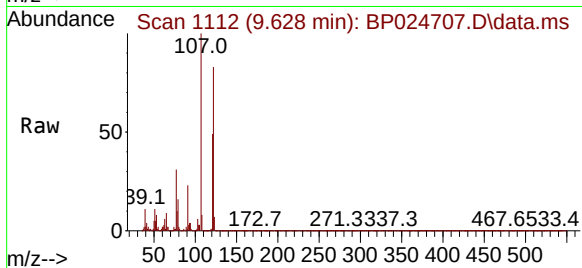
Tgt Ion:122 Resp: 319643

Ion Ratio Lower Upper

122 100

107 120.4 96.2 144.2

121 59.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.195 ng

RT: 9.846 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

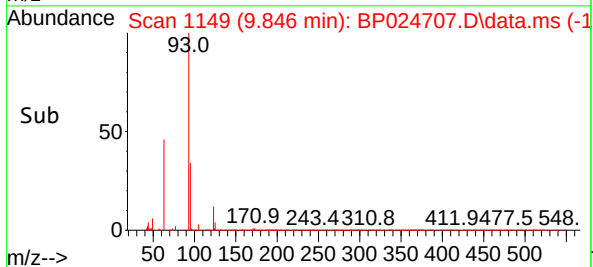
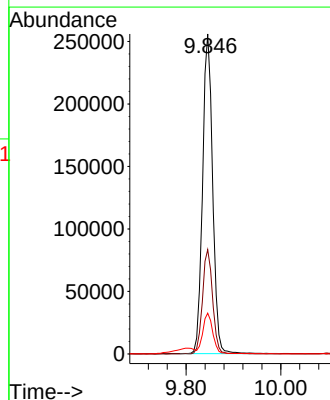
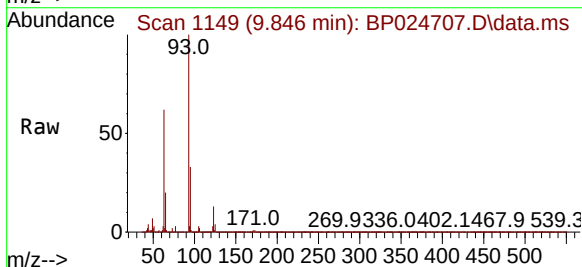
Tgt Ion: 93 Resp: 377505

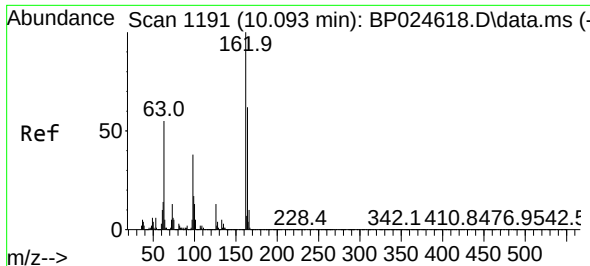
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 12.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.856 ng

RT: 10.104 min Scan# 1191

Delta R.T. 0.012 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

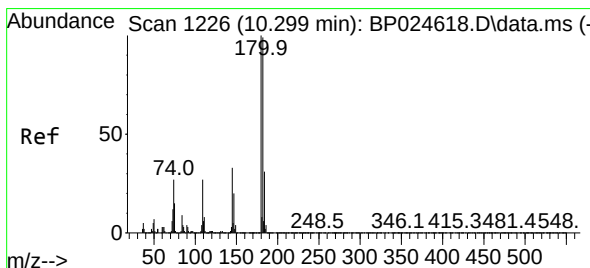
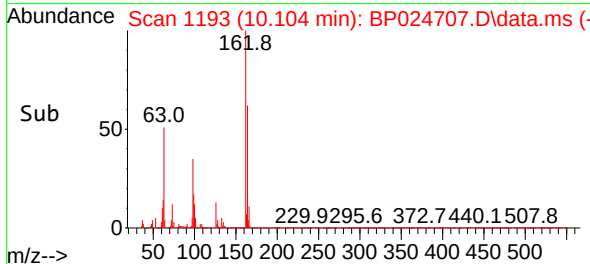
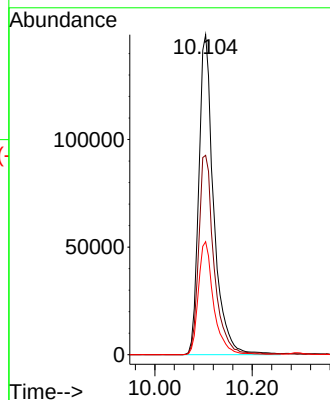
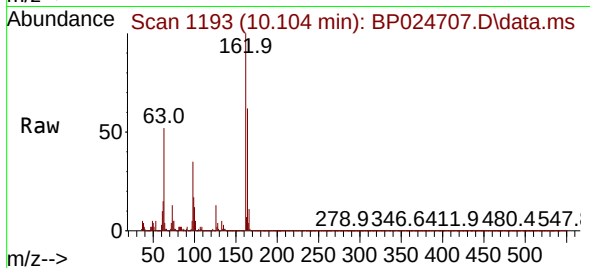
Tgt Ion:162 Resp: 316434

Ion Ratio Lower Upper

162 100

164 62.3 42.3 82.3

98 35.3 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 41.073 ng

RT: 10.293 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

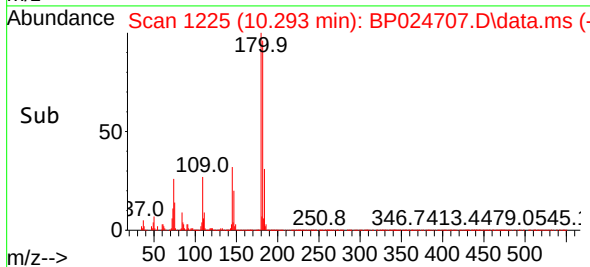
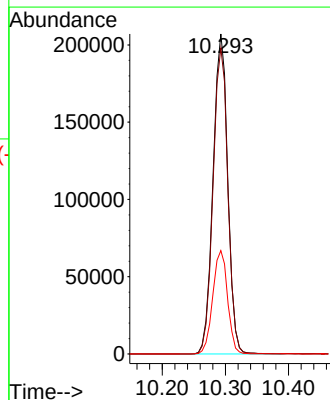
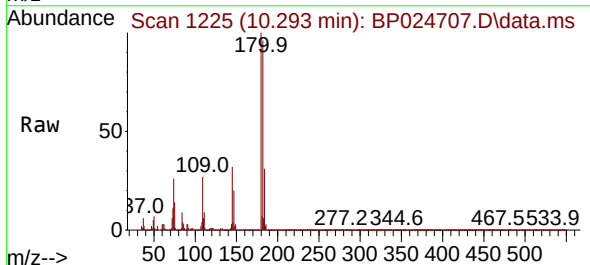
Tgt Ion:180 Resp: 333960

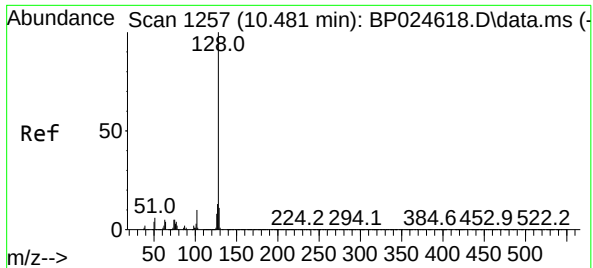
Ion Ratio Lower Upper

180 100

182 95.6 79.0 118.4

145 32.3 26.6 39.8

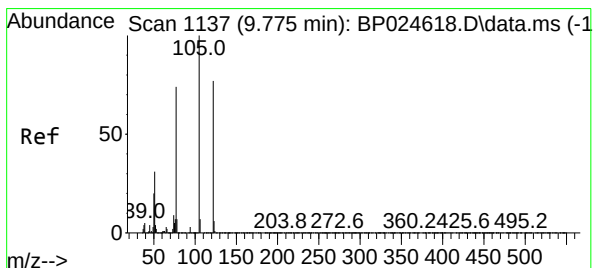
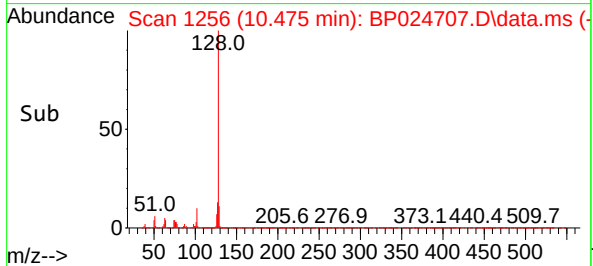
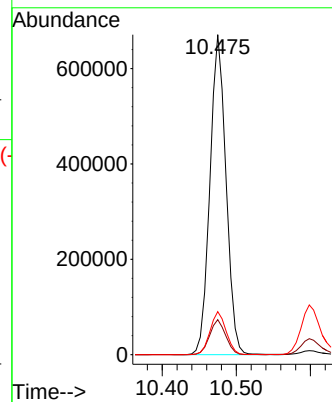
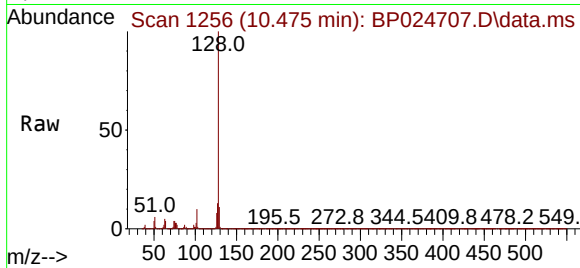




#31
Naphthalene
Concen: 39.427 ng
RT: 10.475 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

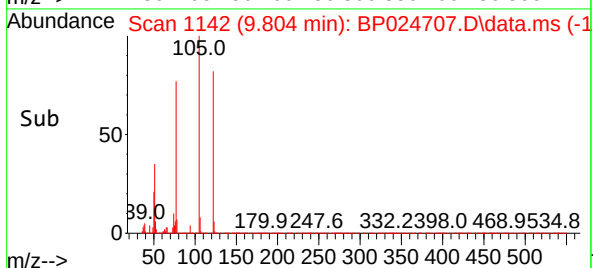
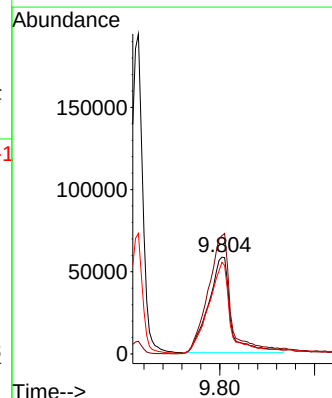
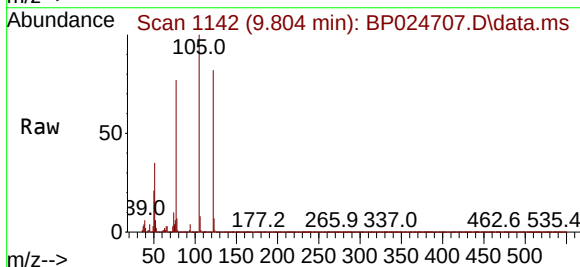
Instrument :
BNA_P
ClientSampleId :
PB168048BS

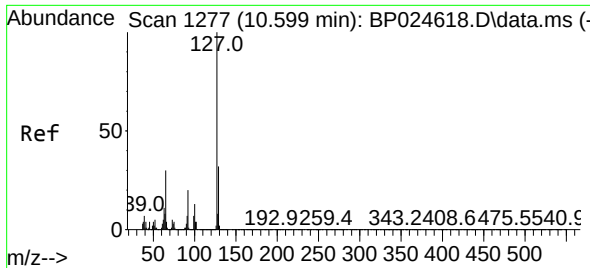
Tgt Ion:128 Resp: 1011010
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 38.557 ng
RT: 9.804 min Scan# 1142
Delta R.T. 0.029 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:122 Resp: 190843
Ion Ratio Lower Upper
122 100
105 122.2 106.9 146.9
77 94.7 75.1 115.1

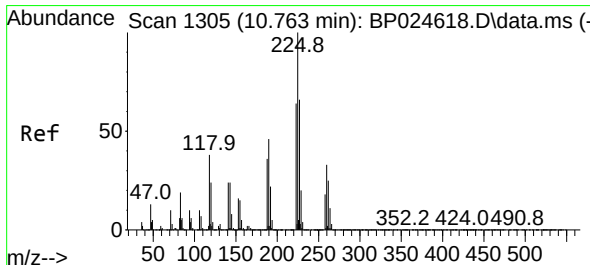
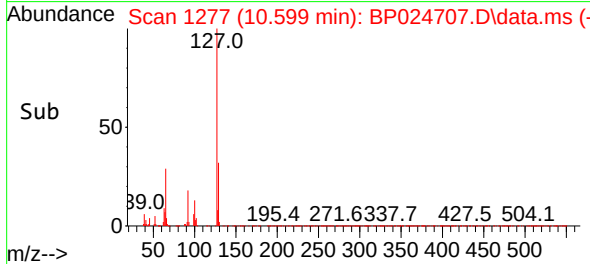
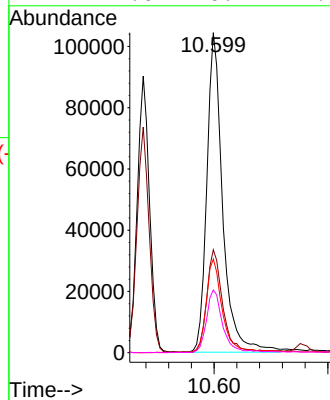
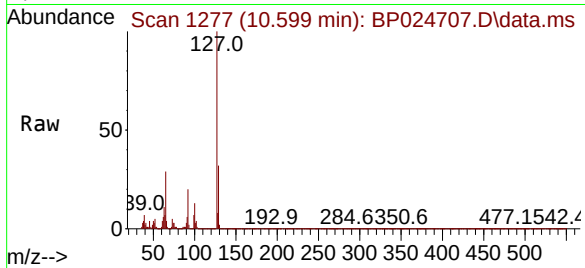




#33
4-Chloroaniline
Concen: 19.477 ng
RT: 10.599 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

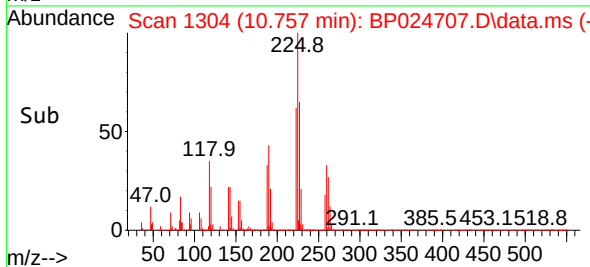
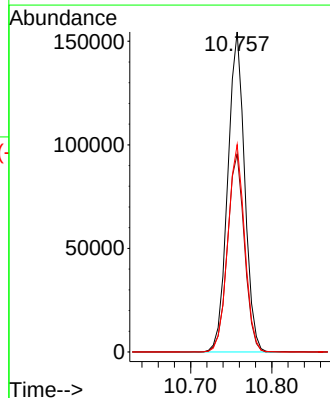
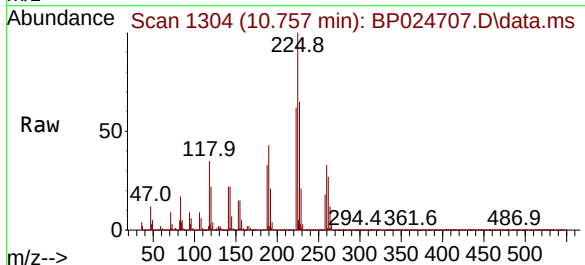
Instrument :
BNA_P
ClientSampleId :
PB168048BS

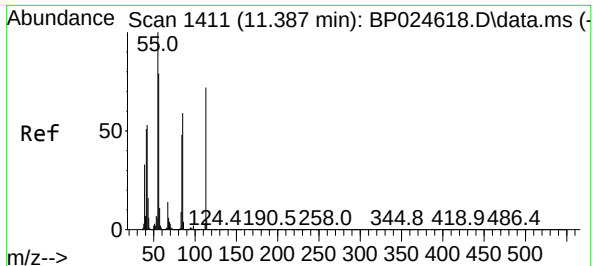
Tgt Ion:	127	Resp:	201537
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	29.3	23.9	35.9
92	19.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.367 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:	225	Resp:	223160
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	64.8	53.1	79.7

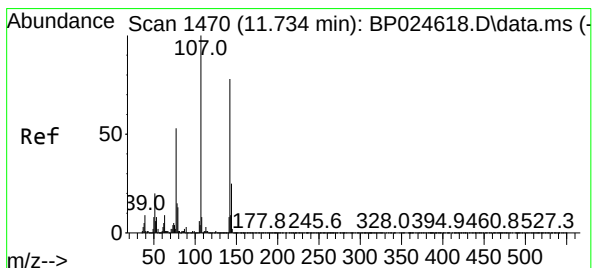
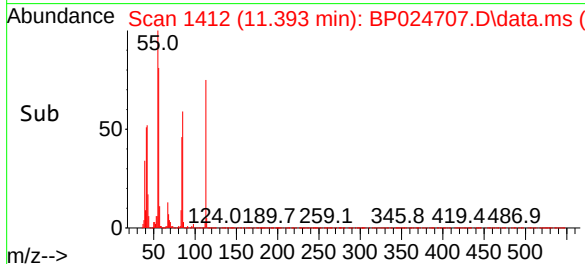
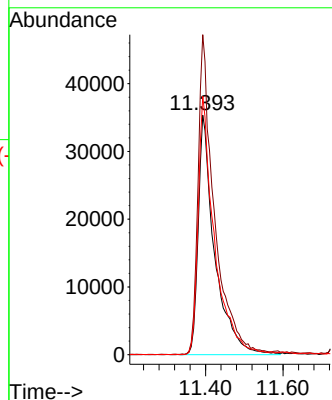
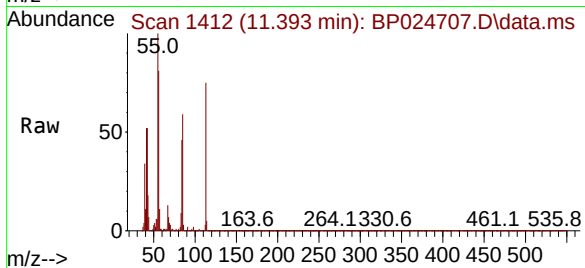




#35
Caprolactam
Concen: 39.652 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

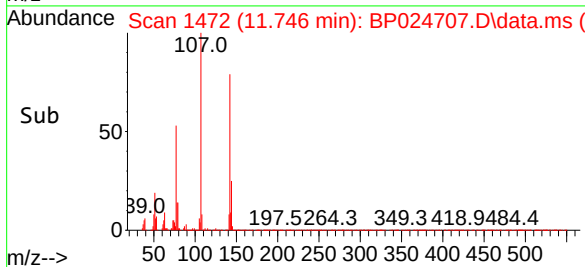
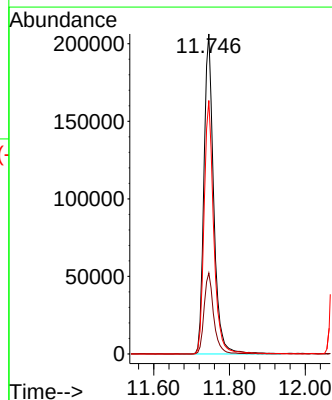
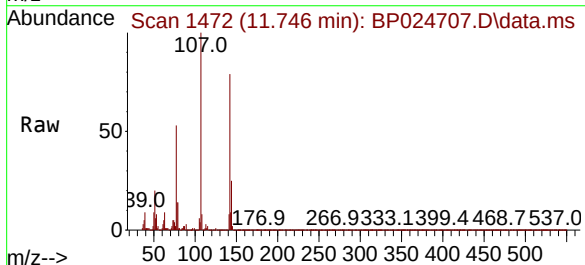
Instrument :
BNA_P
ClientSampleId :
PB168048BS

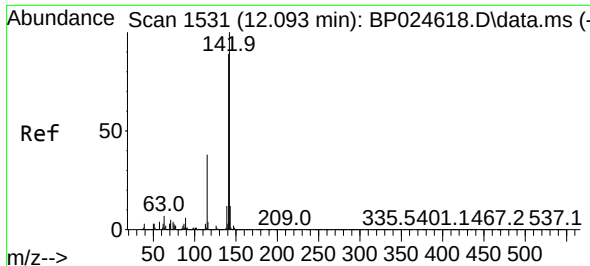
Tgt Ion:113 Resp: 103513
Ion Ratio Lower Upper
113 100
55 133.6 119.0 159.0
56 108.0 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 41.871 ng
RT: 11.746 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:107 Resp: 368425
Ion Ratio Lower Upper
107 100
144 25.3 20.1 30.1
142 79.2 62.1 93.1

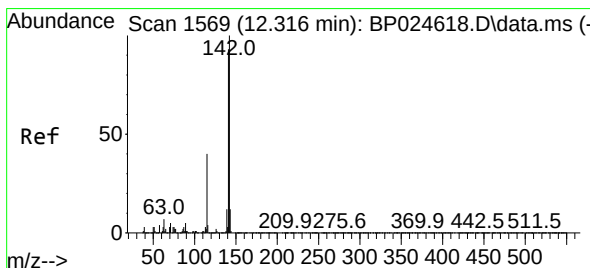
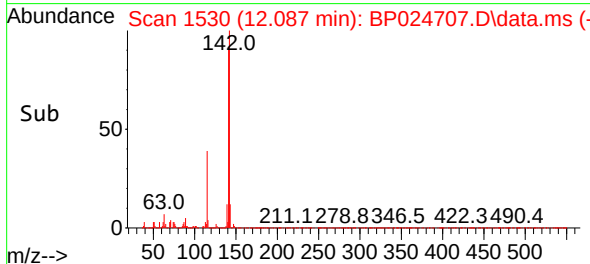
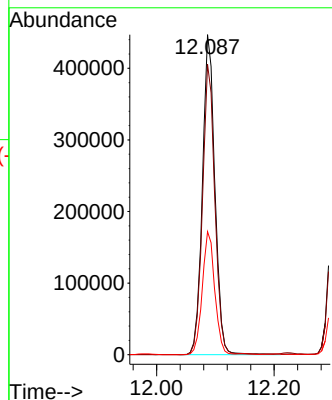
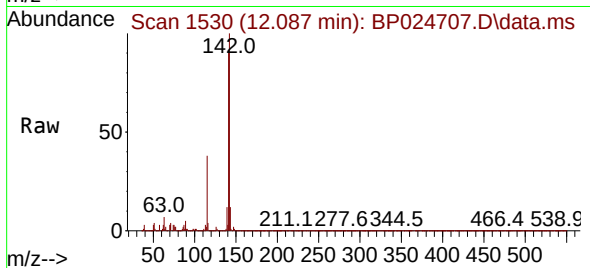




#37
2-Methylnaphthalene
Concen: 39.519 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

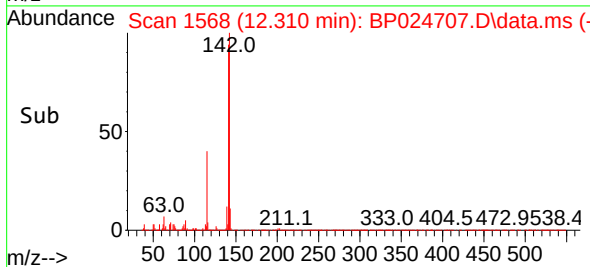
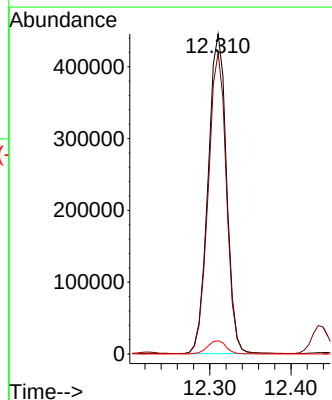
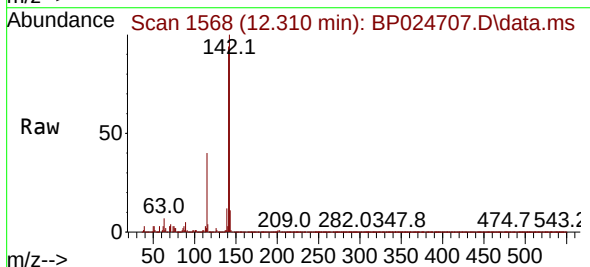
Instrument :
BNA_P
ClientSampleId :
PB168048BS

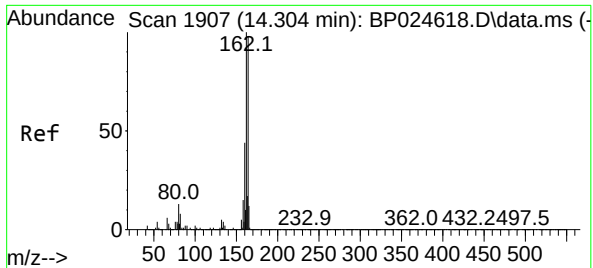
Tgt Ion:142 Resp: 656171
Ion Ratio Lower Upper
142 100
141 90.7 71.2 106.8
115 38.5 30.6 46.0



#38
1-Methylnaphthalene
Concen: 39.485 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:142 Resp: 701480
Ion Ratio Lower Upper
142 100
141 94.1 74.7 112.1
116 4.1 3.4 5.2

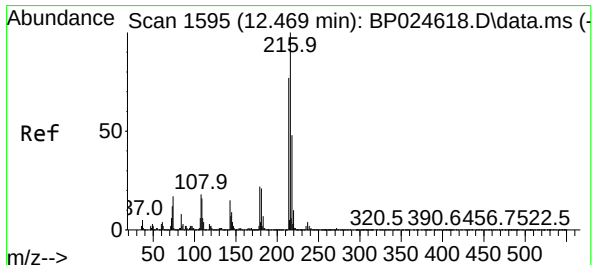
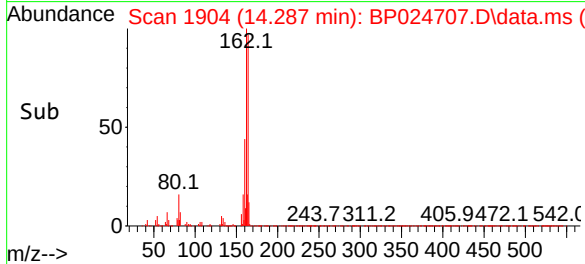
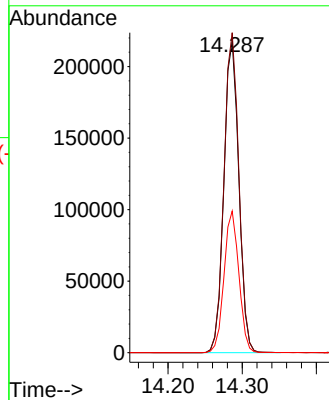
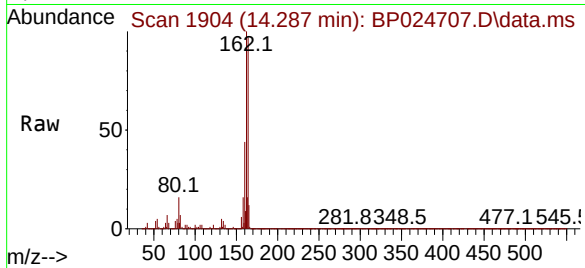




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

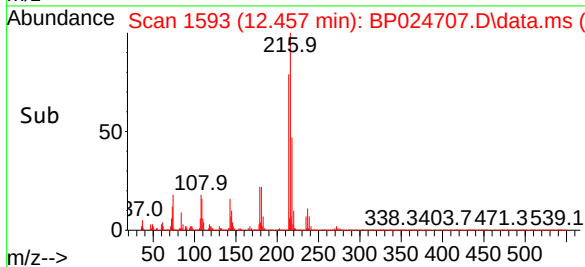
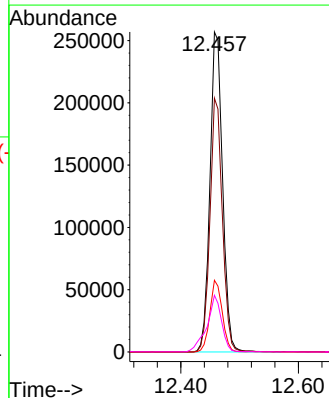
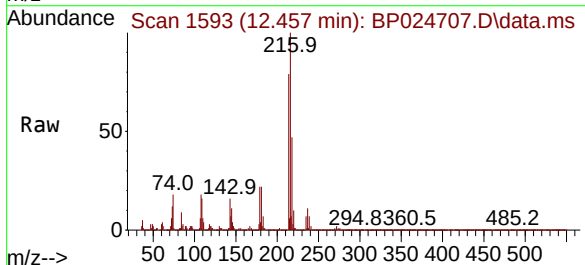
Instrument :
BNA_P
ClientSampleId :
PB168048BS

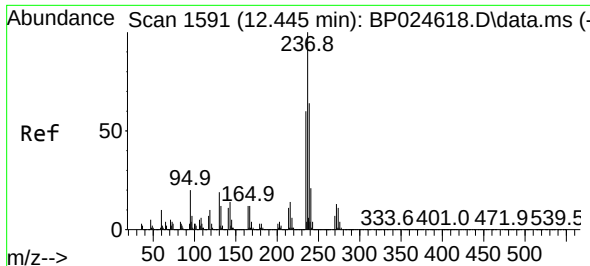
Tgt Ion:164 Resp: 304328
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 45.5 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.465 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:216 Resp: 384111
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 22.1 17.7 26.5
108 20.7 16.0 24.0

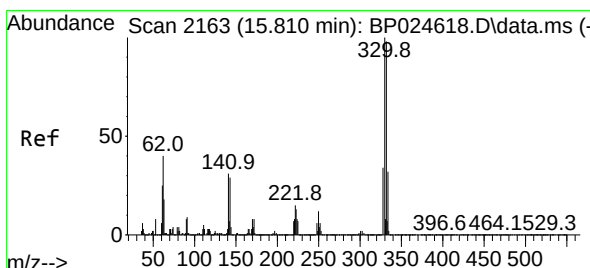
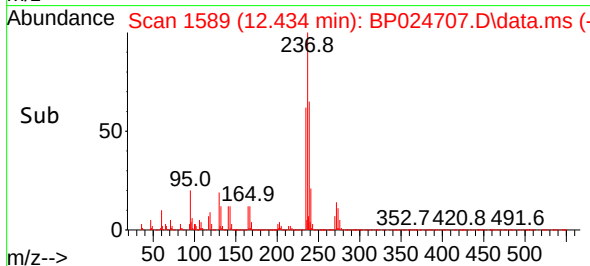
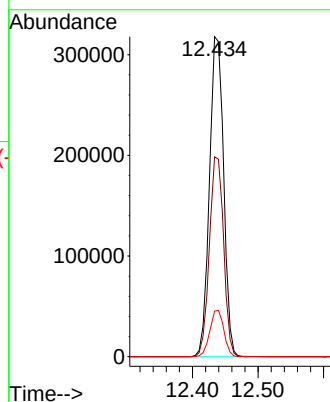
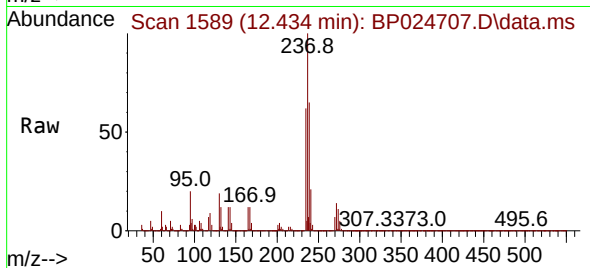




#41
Hexachlorocyclopentadiene
Concen: 89.188 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

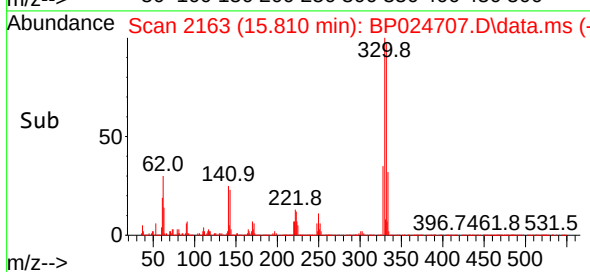
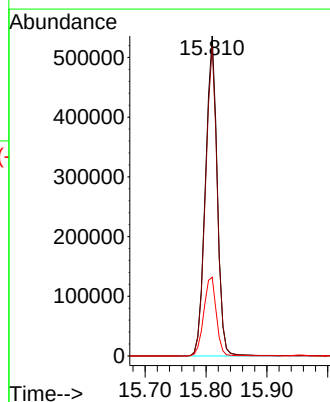
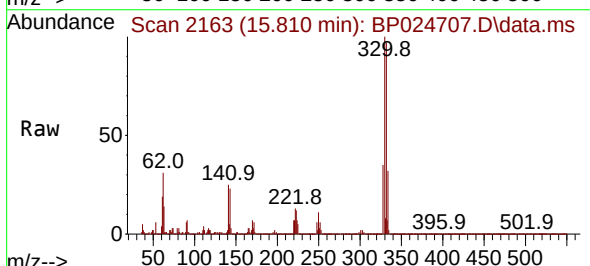
Instrument :
BNA_P
ClientSampleId :
PB168048BS

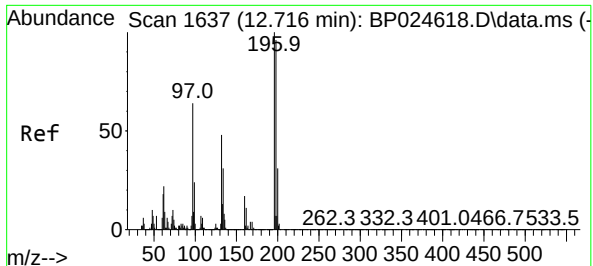
Tgt Ion:237 Resp: 477928
Ion Ratio Lower Upper
237 100
235 62.5 39.9 79.9
272 14.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 139.330 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:330 Resp: 718839
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 26.3 24.3 36.5

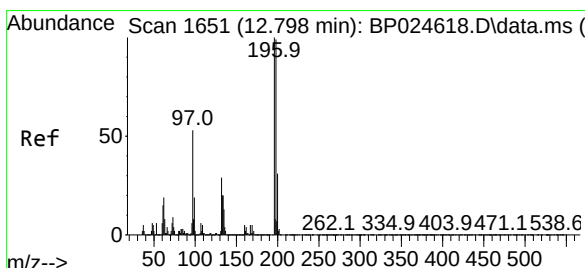
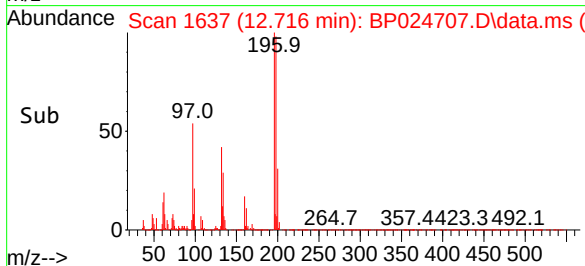
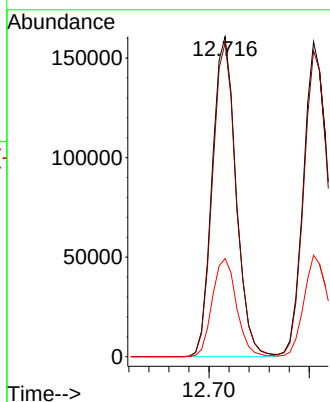
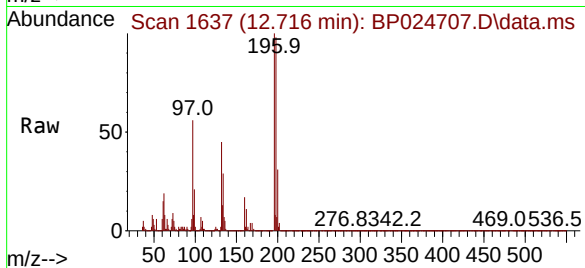




#43
2,4,6-Trichlorophenol
Concen: 46.359 ng
RT: 12.716 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

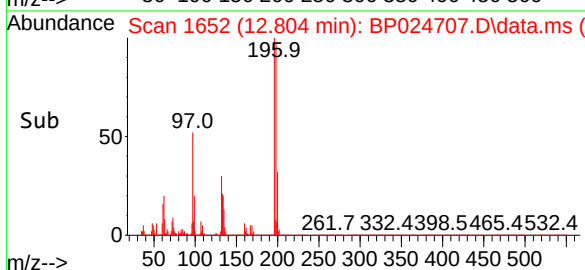
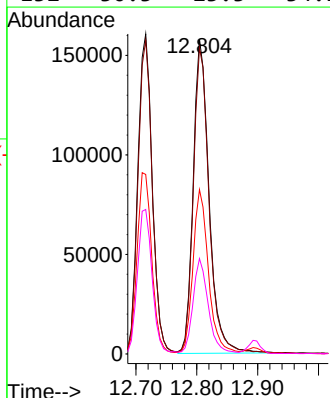
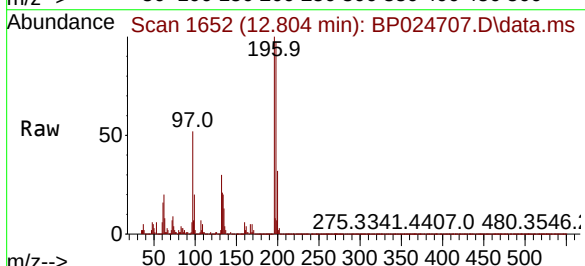
Instrument :
BNA_P
ClientSampleId :
PB168048BS

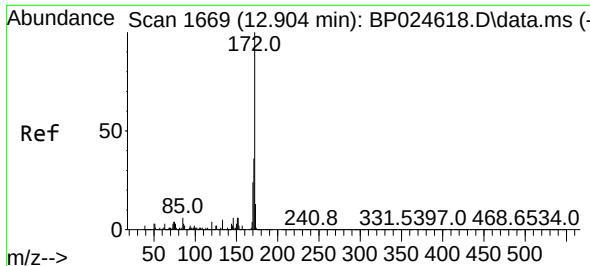
Tgt Ion:196 Resp: 265360
Ion Ratio Lower Upper
196 100
198 98.0 76.9 115.3
200 30.7 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 44.970 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:196 Resp: 286530
Ion Ratio Lower Upper
196 100
198 97.2 79.2 118.8
97 52.2 42.3 63.5
132 30.3 23.3 34.9

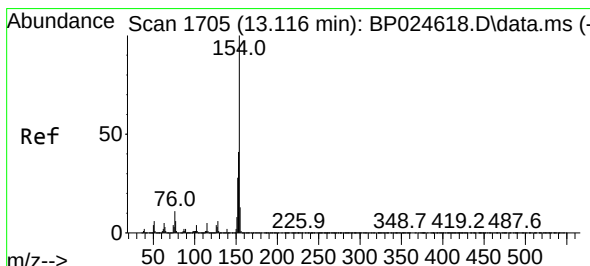
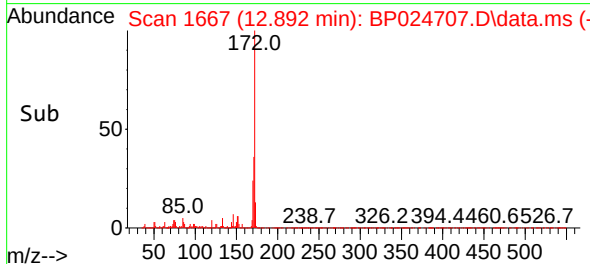
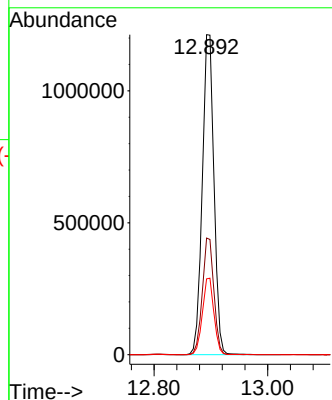
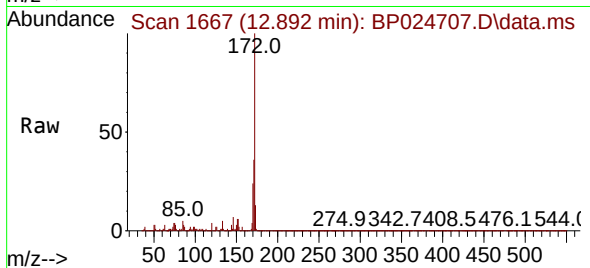




#45
2-Fluorobiphenyl
Concen: 74.489 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

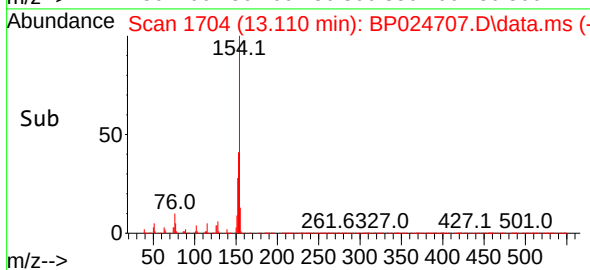
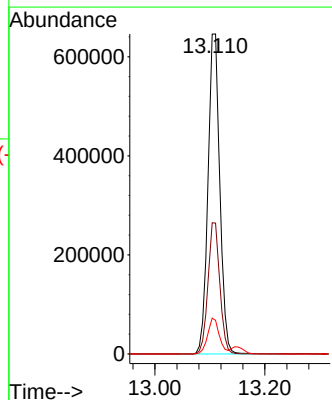
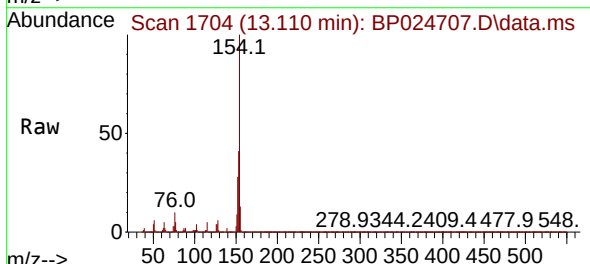
Instrument :
BNA_P
ClientSampleId :
PB168048BS

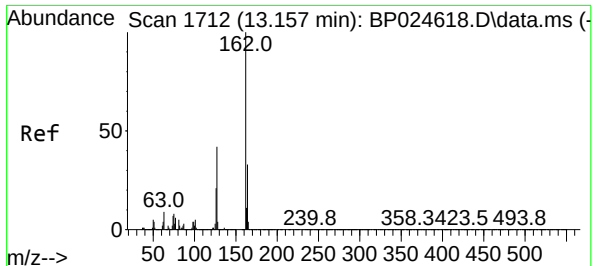
Tgt Ion:172 Resp: 1730298
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.836 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:154 Resp: 963510
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 10.5 0.0 31.5

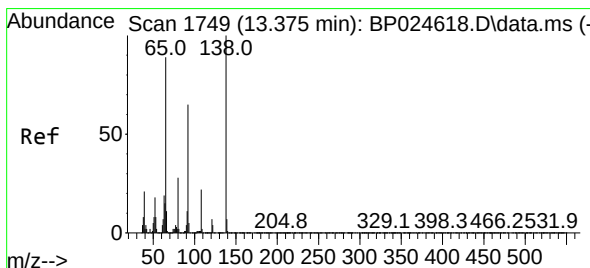
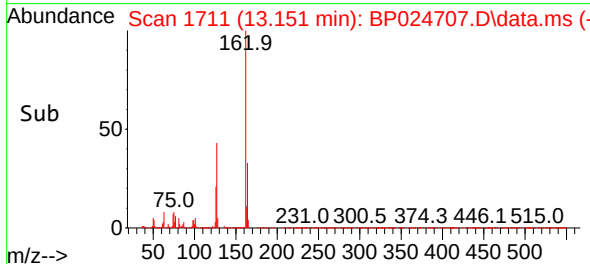
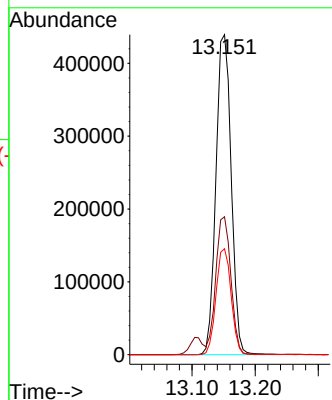
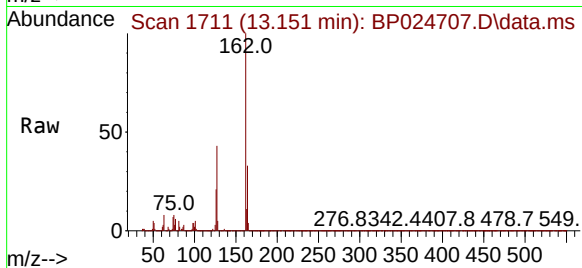




#47
2-Chloronaphthalene
Concen: 42.986 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

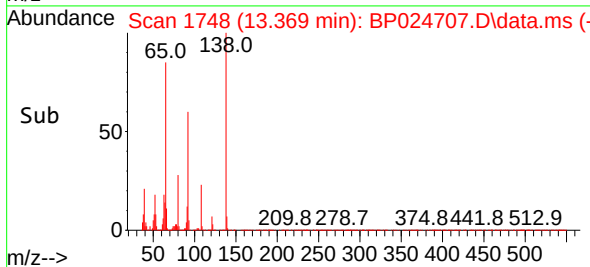
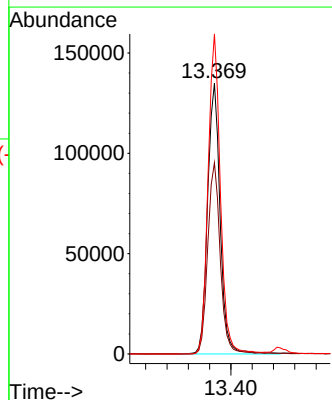
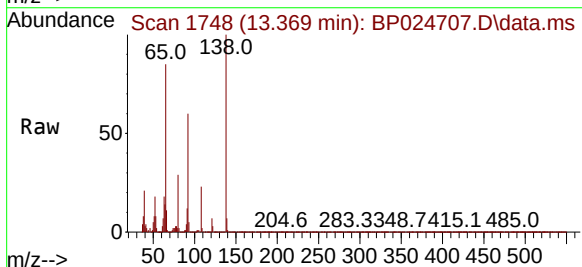
Instrument :
BNA_P
ClientSampleId :
PB168048BS

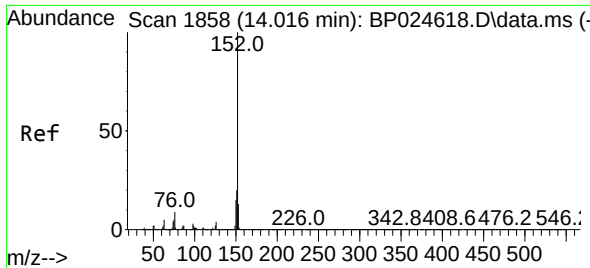
Tgt Ion:162 Resp: 737226
Ion Ratio Lower Upper
162 100
127 43.1 33.8 50.6
164 33.1 26.0 39.0



#48
2-Nitroaniline
Concen: 43.261 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion: 65 Resp: 219663
Ion Ratio Lower Upper
65 100
92 70.6 58.7 88.1
138 118.1 90.2 135.2





#49

Acenaphthylene

Concen: 41.446 ng

RT: 14.004 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

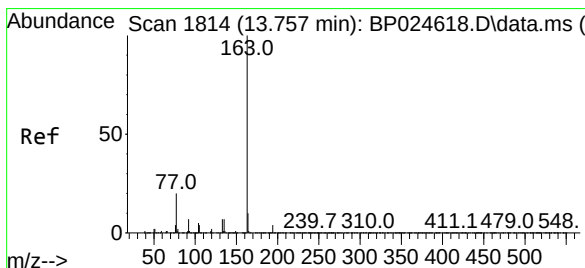
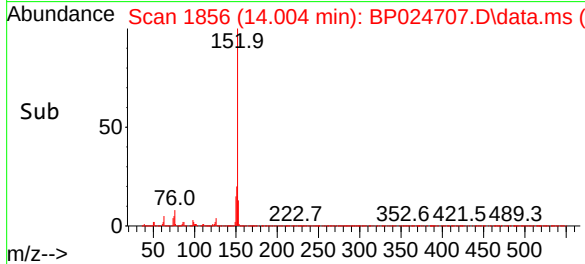
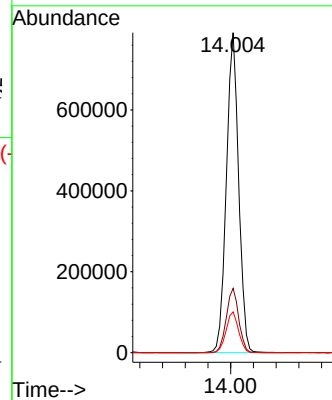
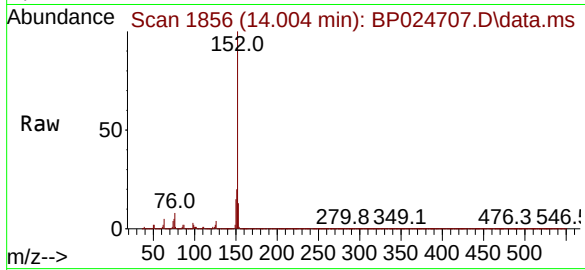
BNA_P

ClientSampleId :

PB168048BS

Tgt Ion:152 Resp: 1189545

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	12.8	10.2	15.4



#50

Dimethylphthalate

Concen: 42.421 ng

RT: 13.745 min Scan# 1812

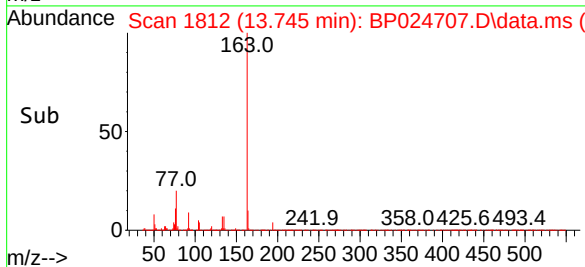
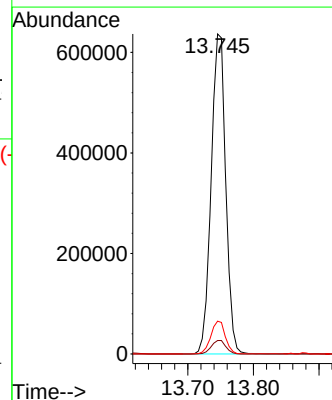
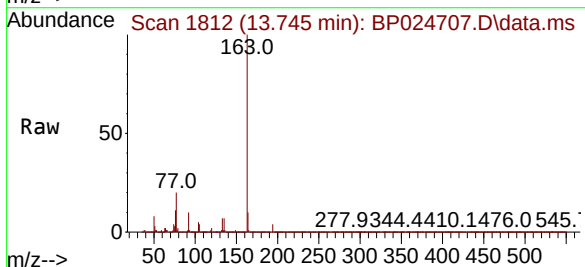
Delta R.T. -0.012 min

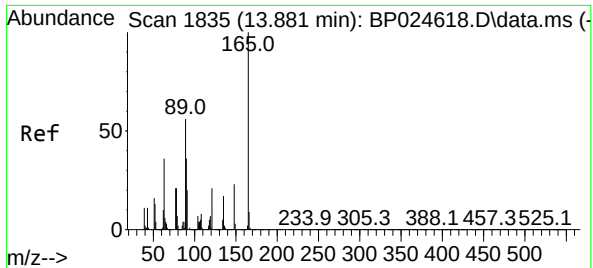
Lab File: BP024707.D

Acq: 20 May 2025 14:35

Tgt Ion:163 Resp: 984006

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.1	12.1

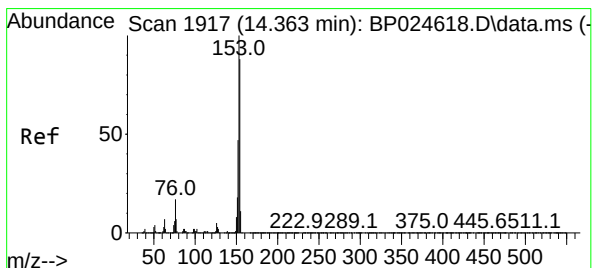
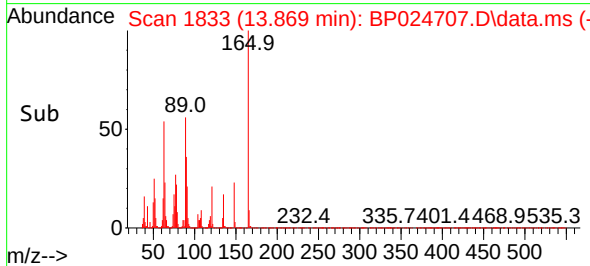
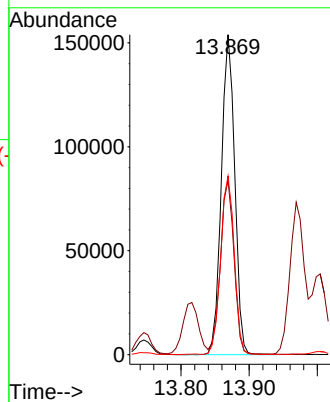
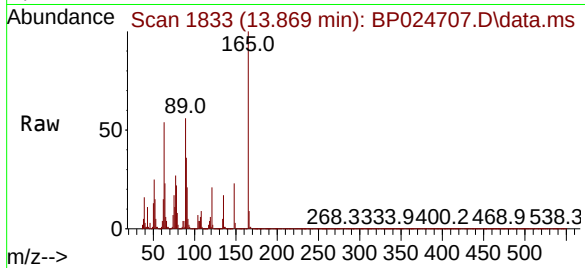




#51
2,6-Dinitrotoluene
Concen: 43.004 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

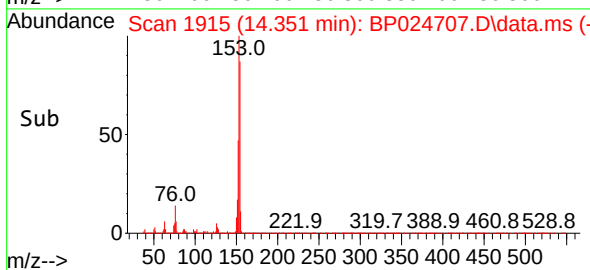
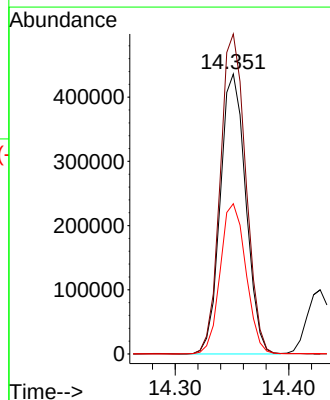
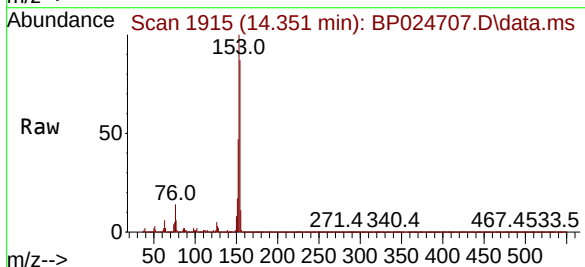
Instrument :
BNA_P
ClientSampleId :
PB168048BS

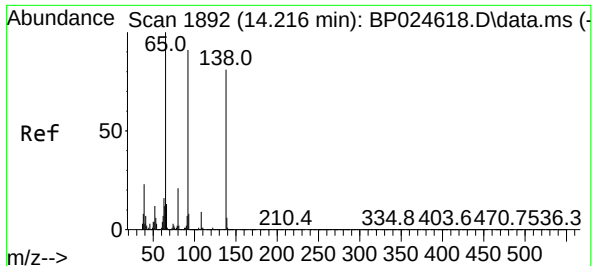
Tgt Ion:165 Resp: 210670
Ion Ratio Lower Upper
165 100
63 54.5 42.4 63.6
89 55.9 44.8 67.2



#52
Acenaphthene
Concen: 41.253 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:154 Resp: 680659
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.4
152 53.7 42.9 64.3

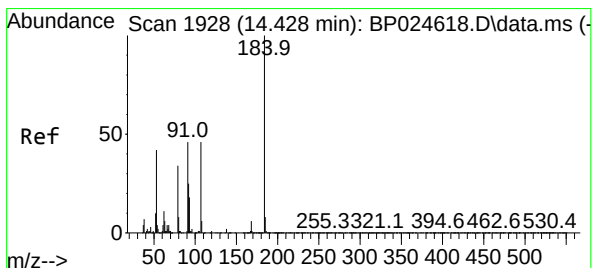
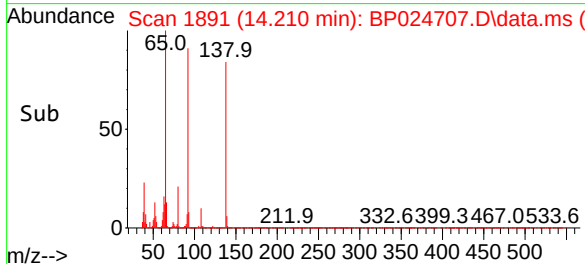
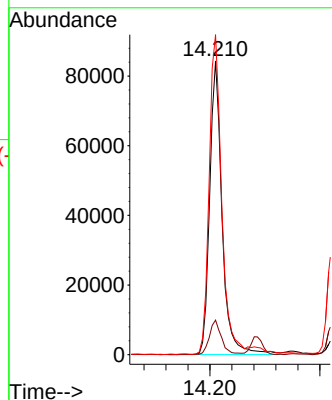
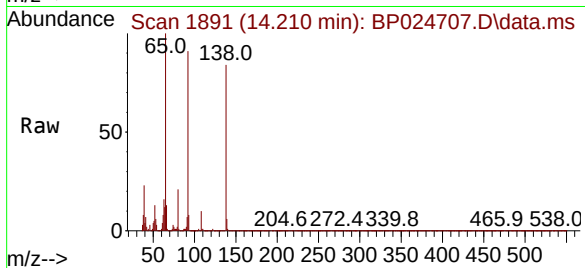




#53
3-Nitroaniline
Concen: 26.342 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

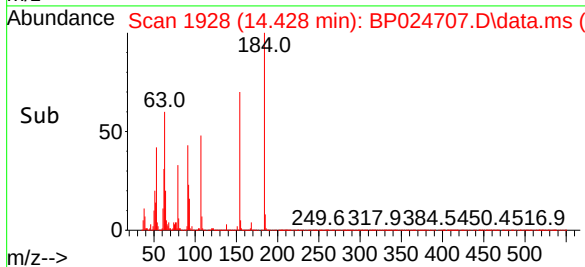
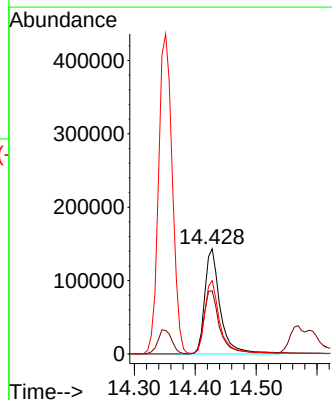
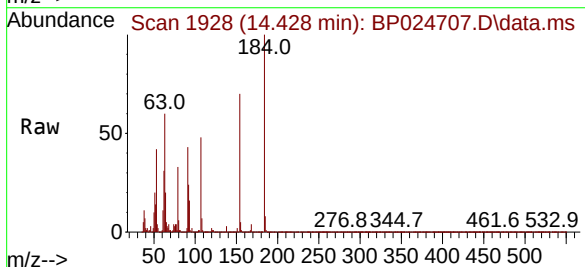
Instrument :
BNA_P
ClientSampleId :
PB168048BS

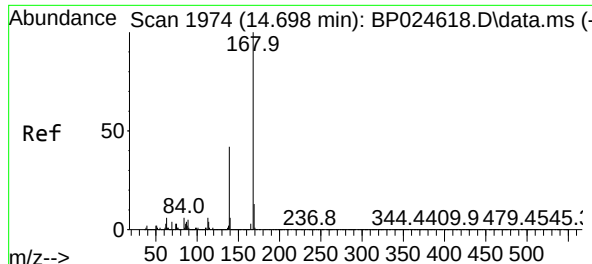
Tgt Ion:138 Resp: 131765
Ion Ratio Lower Upper
138 100
108 11.8 9.0 13.4
92 108.9 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 81.567 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:184 Resp: 252393
Ion Ratio Lower Upper
184 100
63 60.1 51.3 76.9
154 69.7 53.5 80.3





#55

Dibenzenofuran

Concen: 42.175 ng

RT: 14.692 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

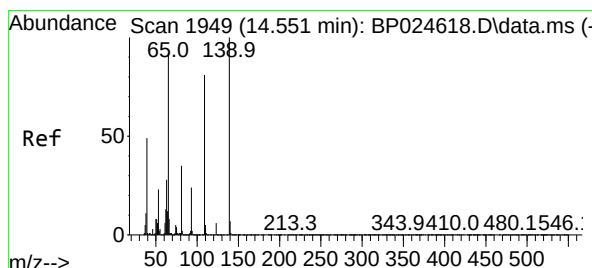
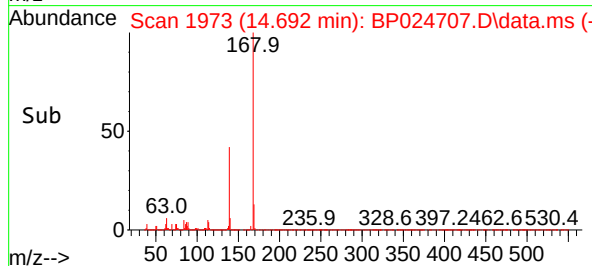
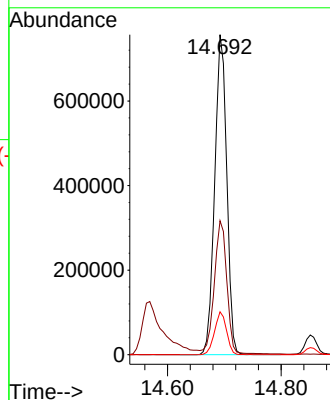
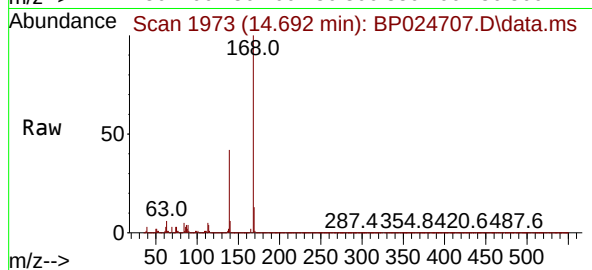
Tgt Ion:168 Resp: 1109951

Ion Ratio Lower Upper

168 100

139 41.9 34.2 51.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 75.469 ng

RT: 14.569 min Scan# 1952

Delta R.T. 0.018 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

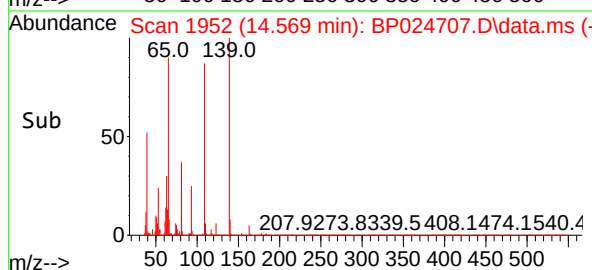
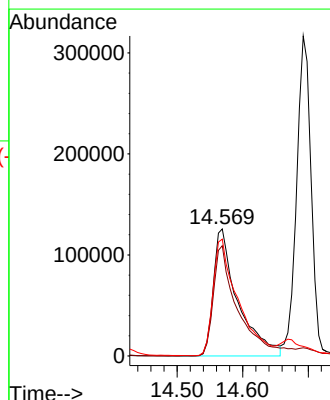
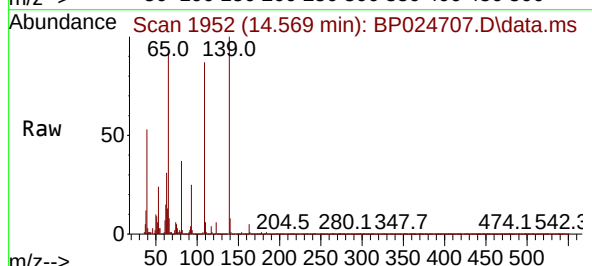
Tgt Ion:139 Resp: 325725

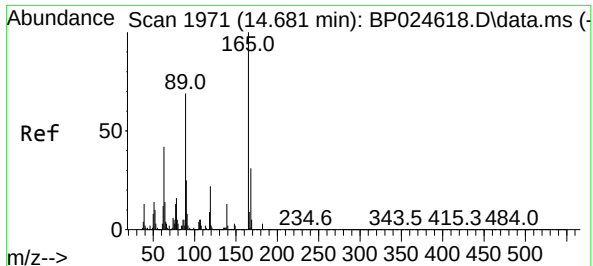
Ion Ratio Lower Upper

139 100

109 86.8 61.4 101.4

65 91.9 72.2 112.2

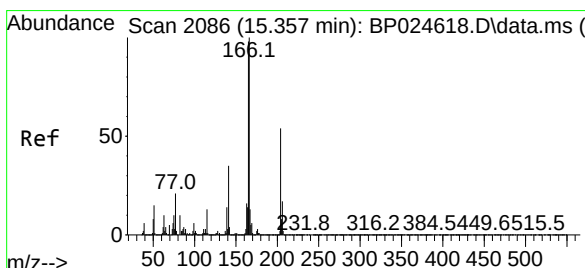
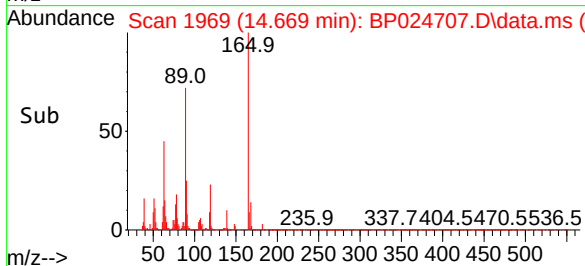
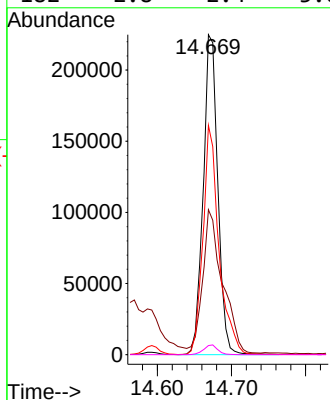
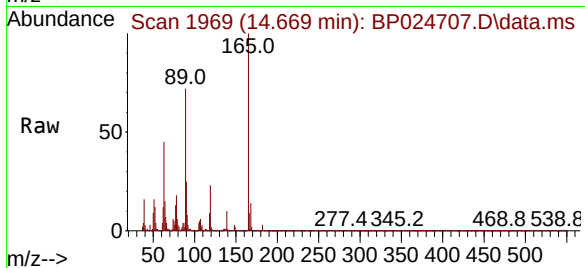




#57
2,4-Dinitrotoluene
Concen: 44.656 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

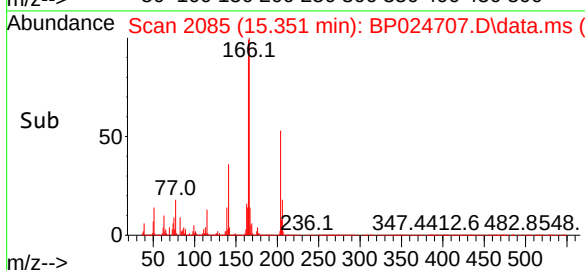
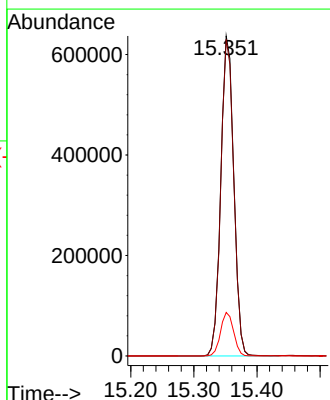
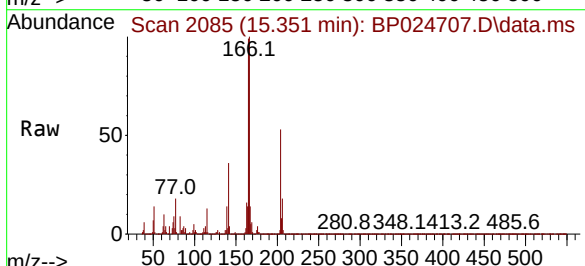
Instrument :
BNA_P
ClientSampleId :
PB168048BS

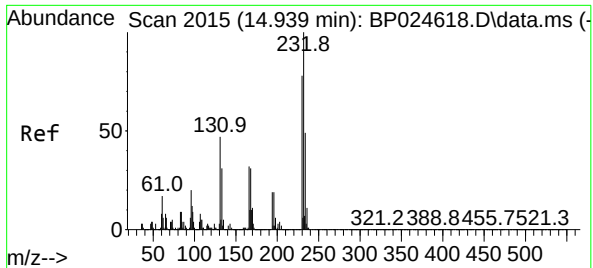
Tgt Ion:165 Resp: 308420
Ion Ratio Lower Upper
165 100
63 45.3 33.8 50.6
89 71.7 55.6 83.4
182 2.8 2.4 3.6



#58
Fluorene
Concen: 42.407 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:166 Resp: 910033
Ion Ratio Lower Upper
166 100
165 98.9 78.5 117.7
167 13.6 10.7 16.1

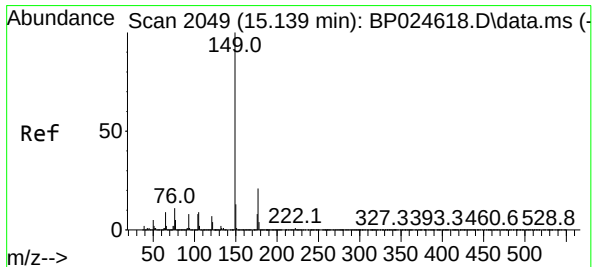
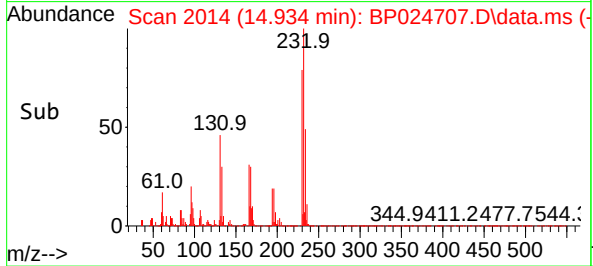
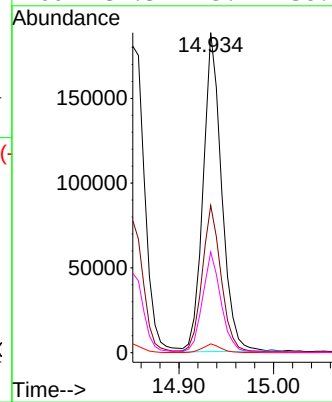
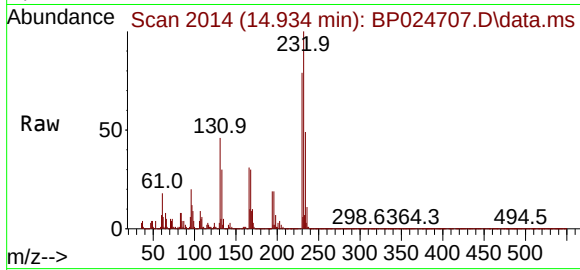




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.340 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

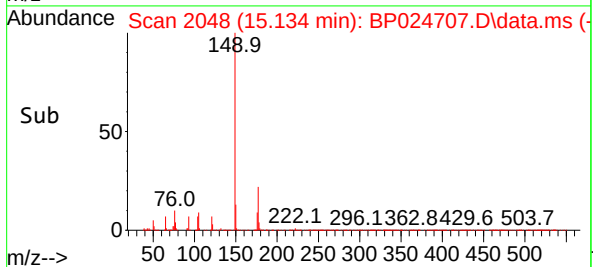
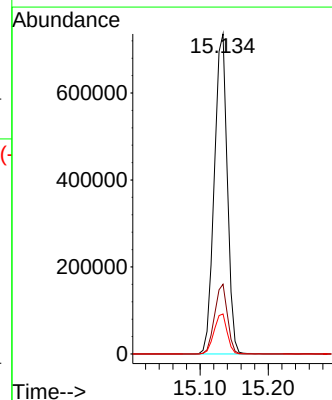
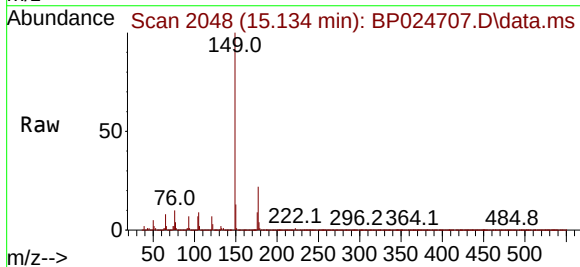
Instrument :
BNA_P
ClientSampleId :
PB168048BS

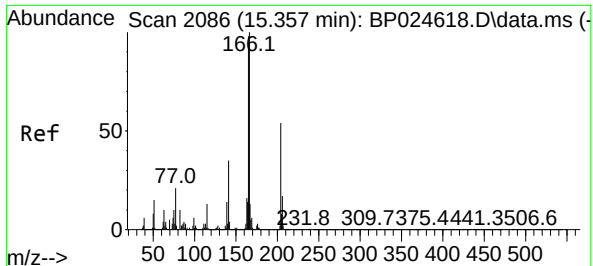
Tgt Ion:232 Resp: 256167
Ion Ratio Lower Upper
232 100
131 46.8 39.5 59.3
130 2.8 2.2 3.4
166 31.3 25.7 38.5



#60
Diethylphthalate
Concen: 41.587 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:149 Resp: 974989
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.5 10.2 15.2

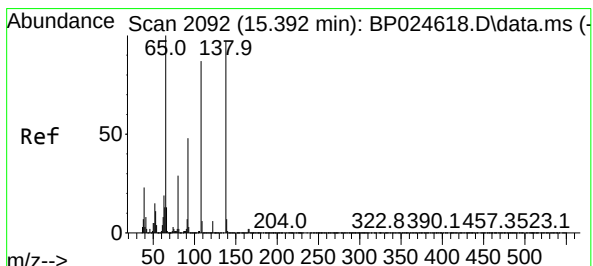
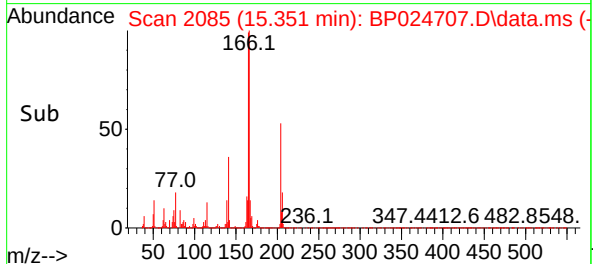
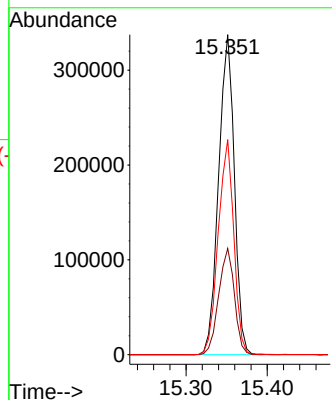
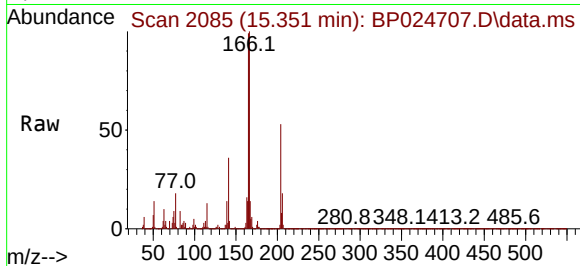




#61
4-Chlorophenyl-phenylether
Concen: 42.541 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

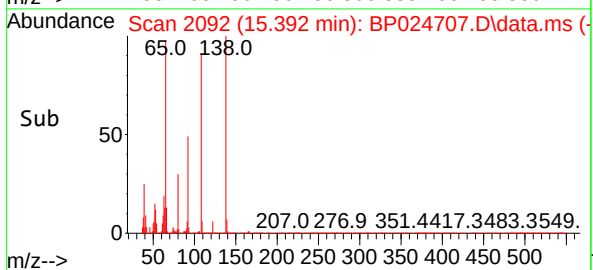
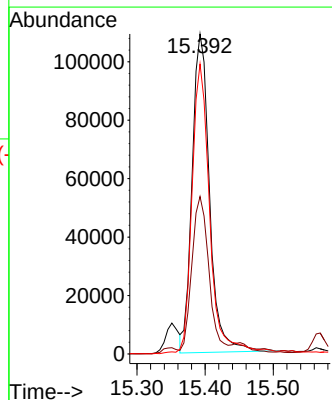
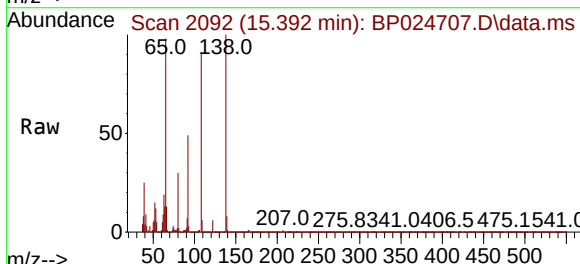
Instrument :
BNA_P
ClientSampleId :
PB168048BS

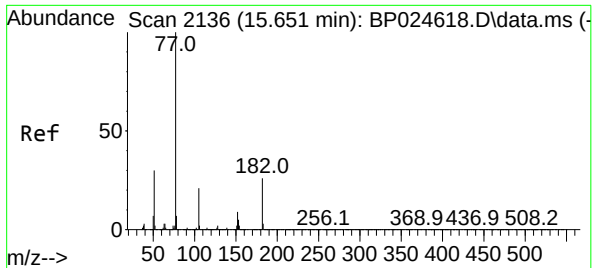
Tgt Ion:204 Resp: 455268
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 67.2 52.9 79.3



#62
4-Nitroaniline
Concen: 39.994 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:138 Resp: 193166
Ion Ratio Lower Upper
138 100
92 49.2 29.2 69.2
108 90.6 69.0 109.0

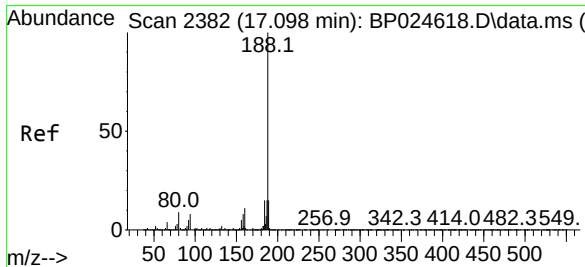
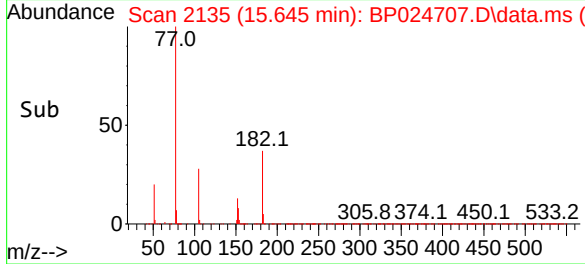
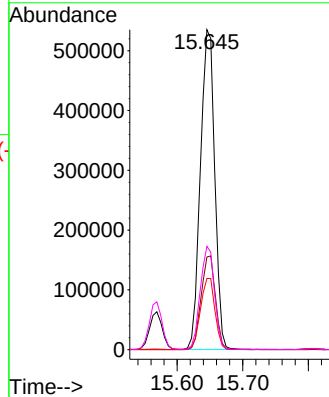
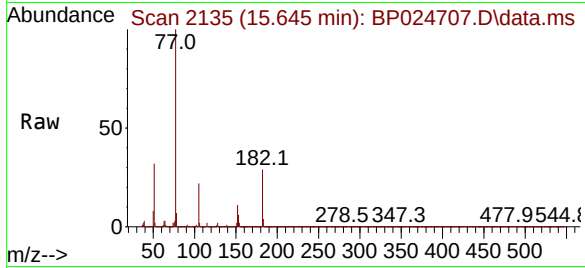




#63
Azobenzene
Concen: 40.590 ng
RT: 15.645 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

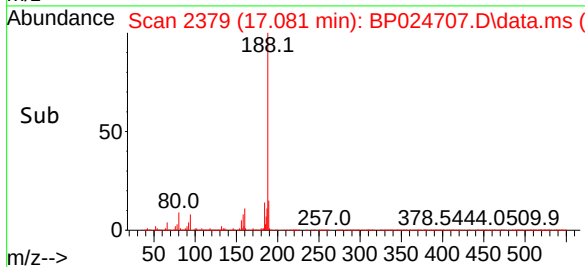
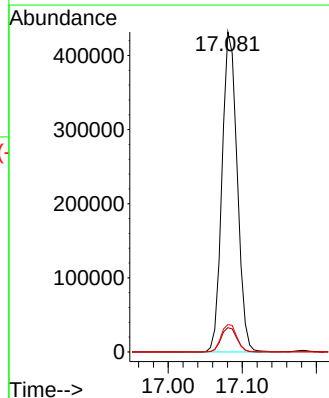
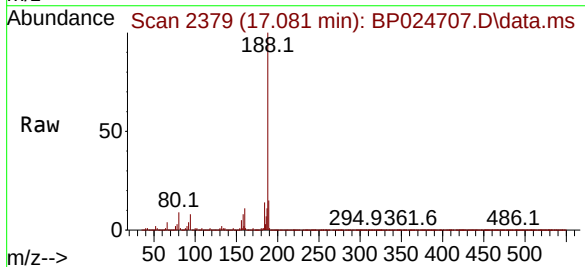
Instrument :
BNA_P
ClientSampleId :
PB168048BS

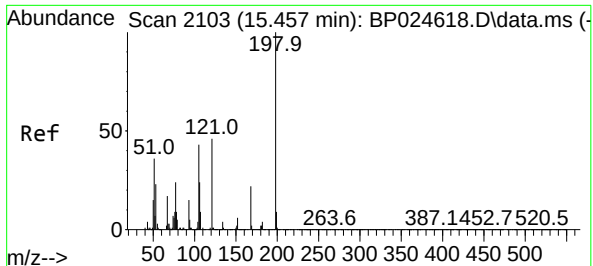
Tgt Ion:	77	Resp:	814077
Ion	Ratio	Lower	Upper
77	100		
182	28.9	5.7	45.7
105	22.3	1.3	41.3
51	32.3	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:	188	Resp:	614284
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.5	9.7
80	8.5	7.3	10.9

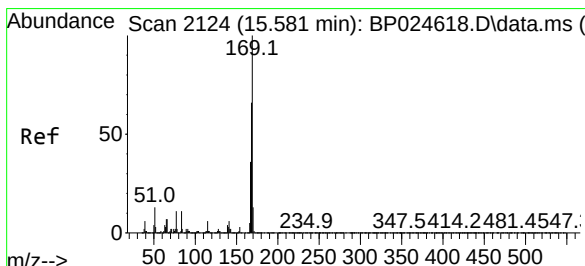
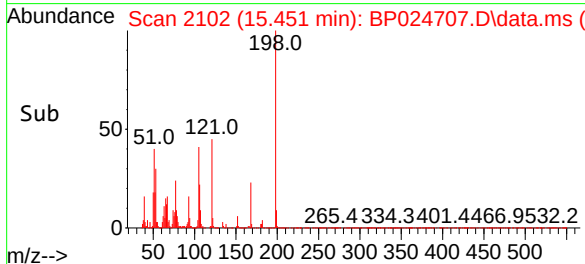
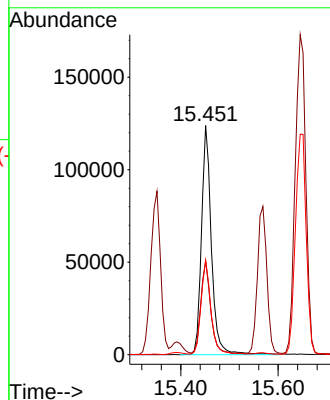
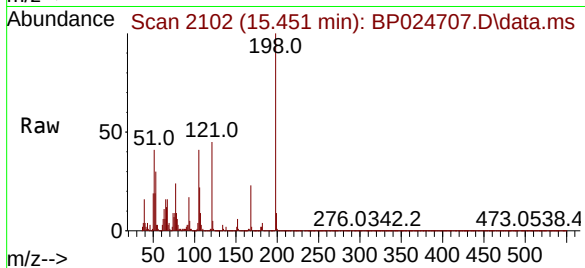




#65
4,6-Dinitro-2-methylphenol
Concen: 44.261 ng
RT: 15.451 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

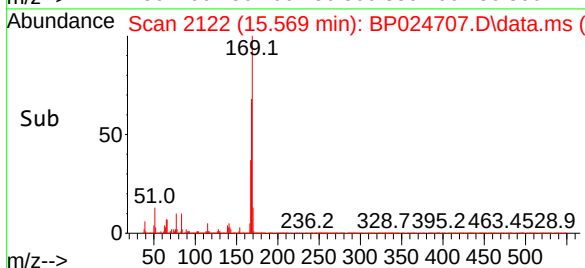
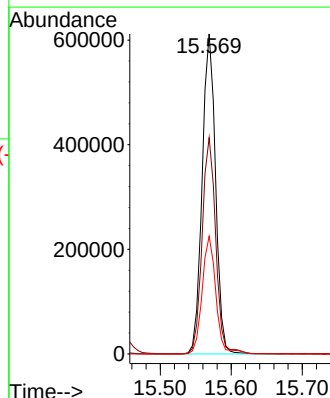
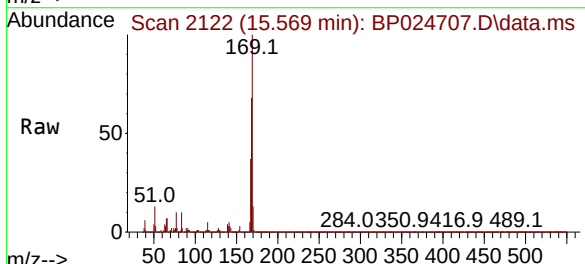
Instrument :
BNA_P
ClientSampleId :
PB168048BS

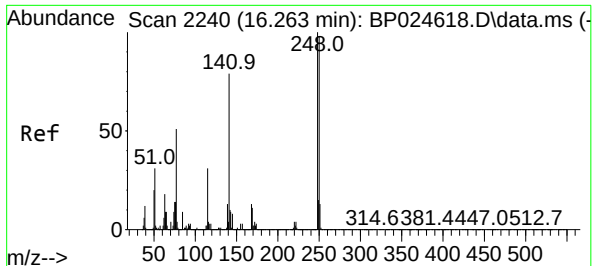
Tgt Ion:198 Resp: 175622
Ion Ratio Lower Upper
198 100
51 40.9 21.1 61.1
105 41.2 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 42.587 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:169 Resp: 803540
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 36.8 28.6 43.0

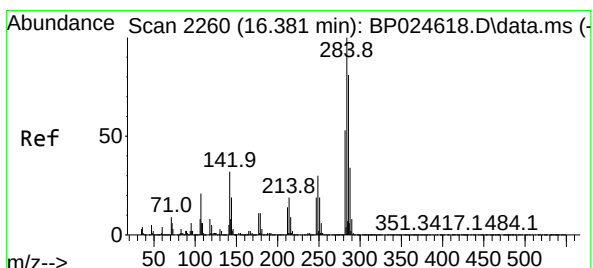
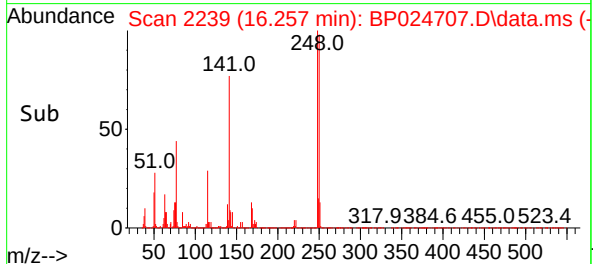
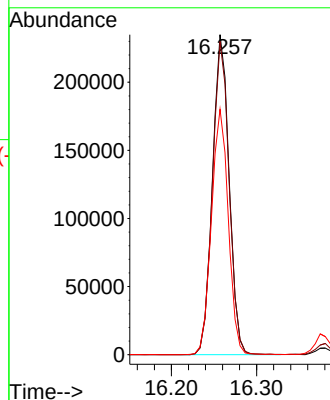
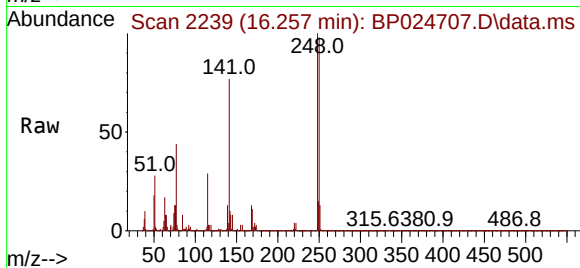




#67
4-Bromophenyl-phenylether
Concen: 44.014 ng
RT: 16.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

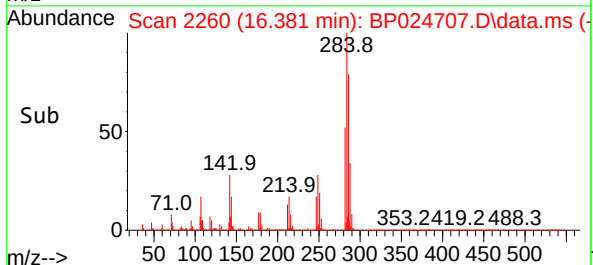
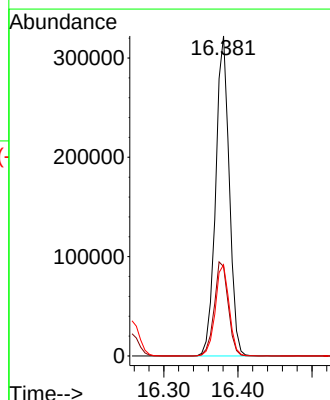
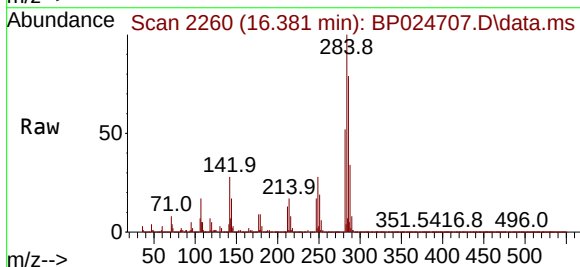
Instrument :
BNA_P
ClientSampleId :
PB168048BS

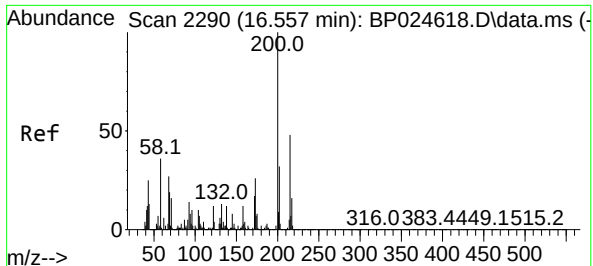
Tgt Ion:248 Resp: 318593
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 76.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 44.412 ng
RT: 16.381 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:284 Resp: 408492
Ion Ratio Lower Upper
284 100
142 27.9 25.9 38.9
249 28.5 24.1 36.1

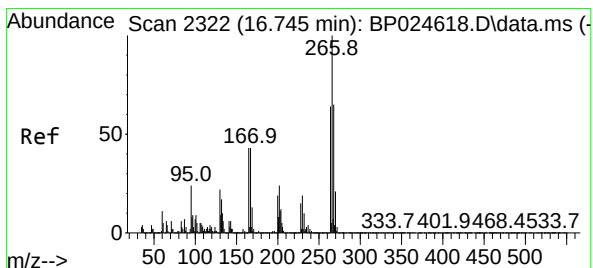
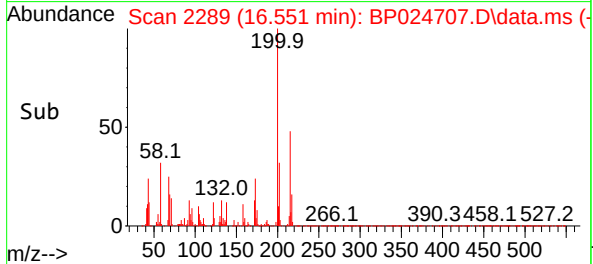
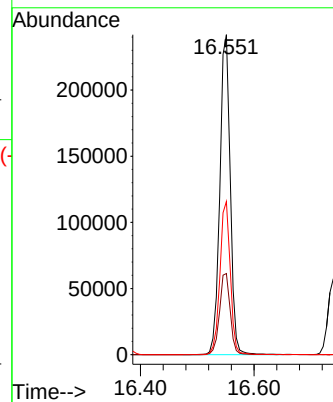
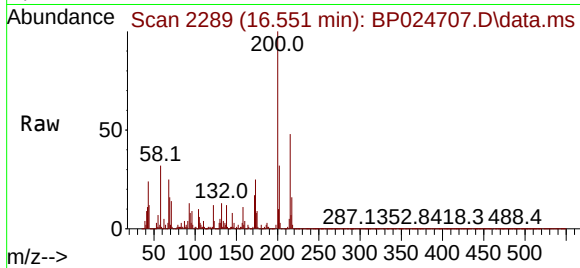




#69
Atrazine
Concen: 44.406 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

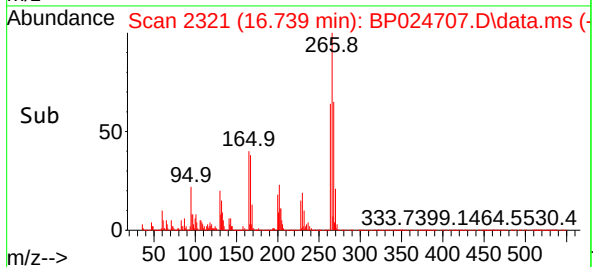
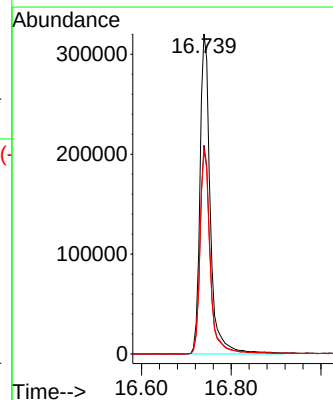
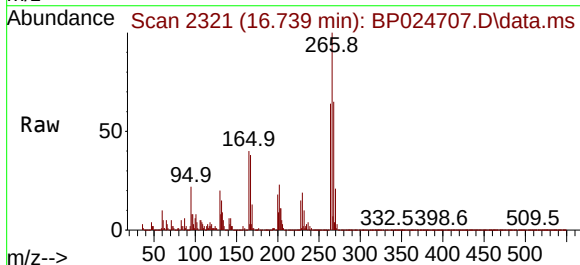
Instrument :
BNA_P
ClientSampleId :
PB168048BS

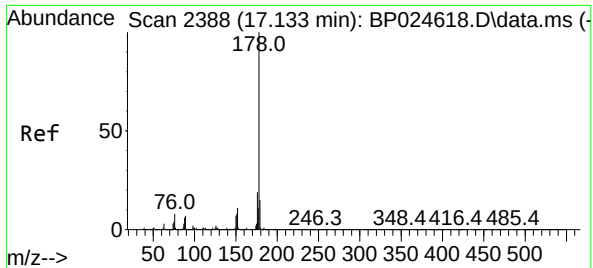
Tgt Ion:200 Resp: 307059
Ion Ratio Lower Upper
200 100
173 25.3 5.9 45.9
215 47.9 28.3 68.3



#70
Pentachlorophenol
Concen: 98.822 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:266 Resp: 510226
Ion Ratio Lower Upper
266 100
268 65.2 52.2 78.4
264 63.6 51.1 76.7

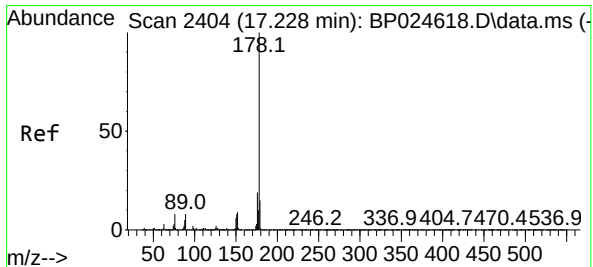
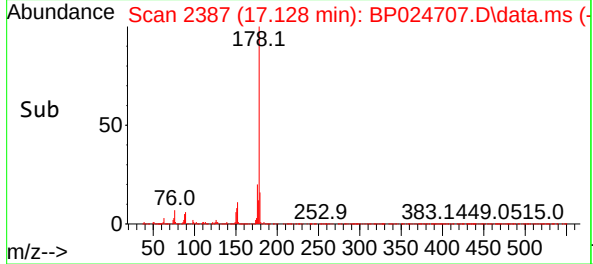
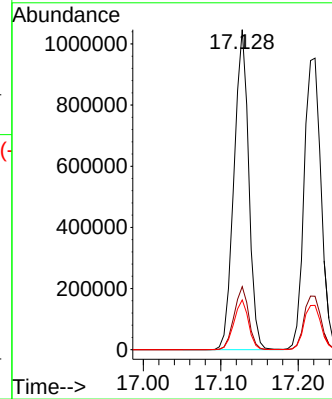
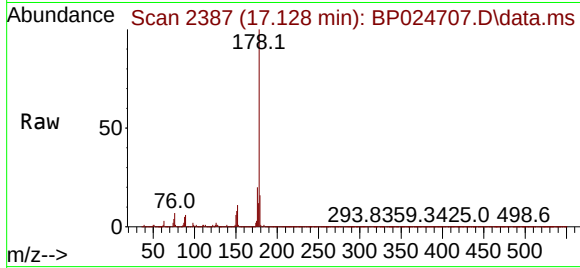




#71
Phenanthrene
Concen: 40.607 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

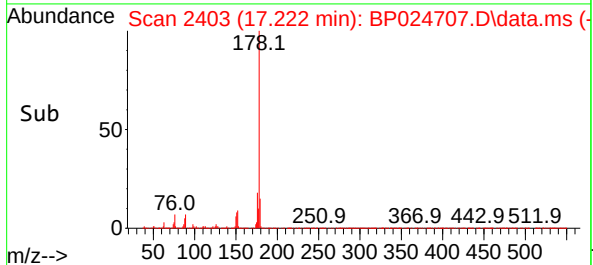
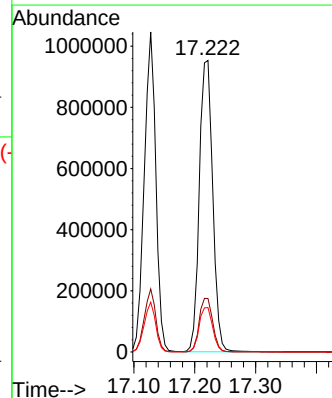
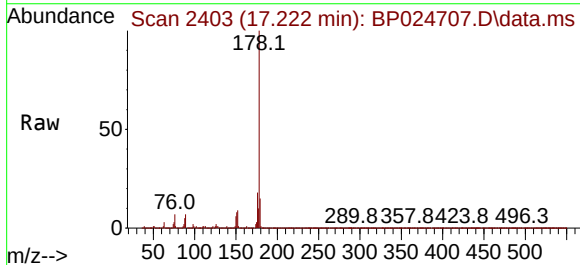
Instrument :
BNA_P
ClientSampleId :
PB168048BS

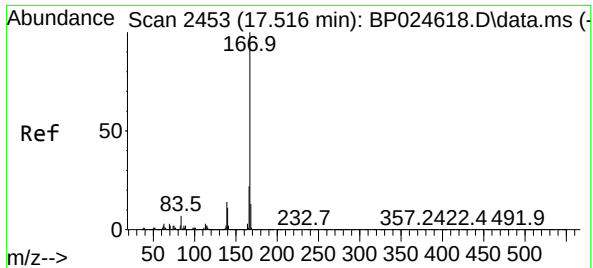
Tgt Ion:178 Resp: 1386666
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.6 12.2 18.4



#72
Anthracene
Concen: 42.411 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:178 Resp: 1457149
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.2 12.2 18.2

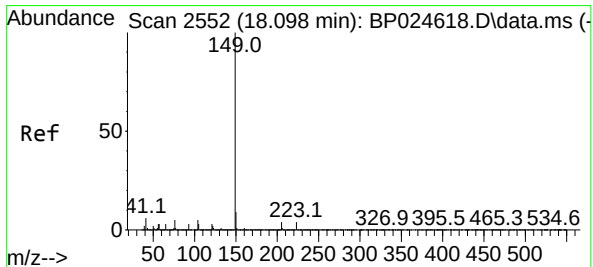
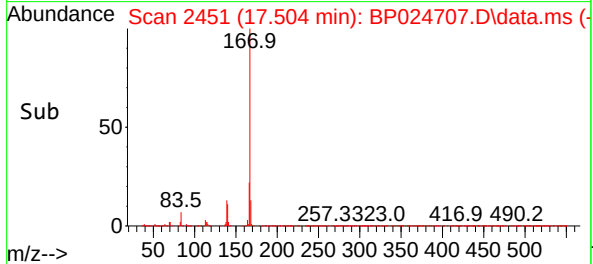
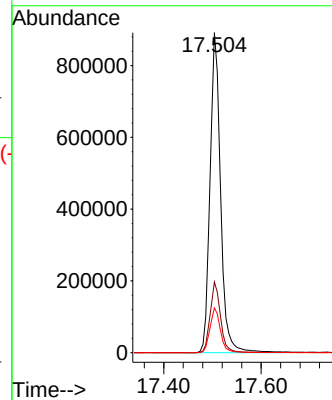
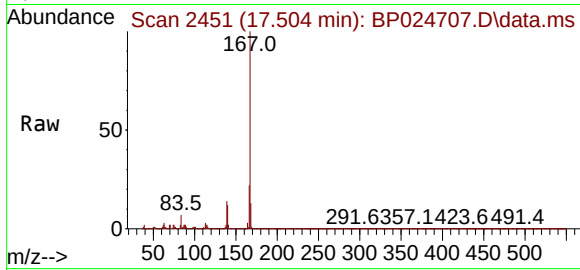




#73
Carbazole
Concen: 42.941 ng
RT: 17.504 min Scan# 2451
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

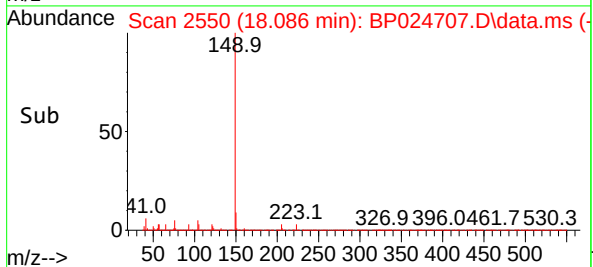
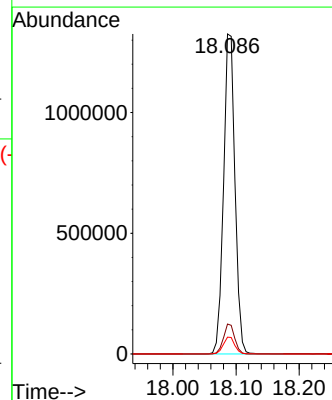
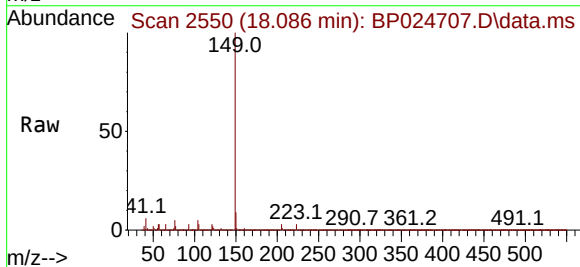
Instrument :
BNA_P
ClientSampleId :
PB168048BS

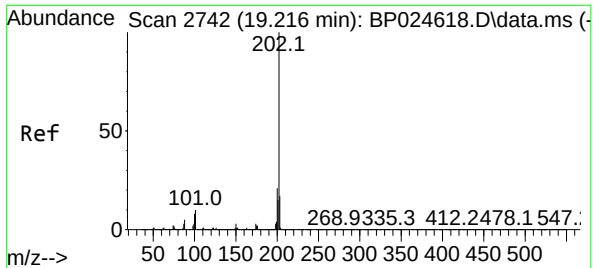
Tgt Ion:167 Resp: 1335342
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 14.0 11.3 16.9



#74
Di-n-butylphthalate
Concen: 41.451 ng
RT: 18.086 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:149 Resp: 1657780
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 5.3 4.3 6.5

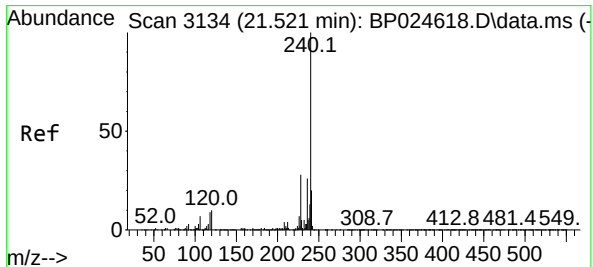
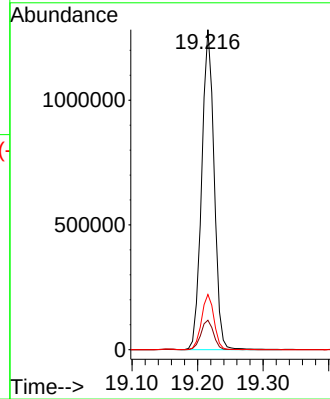
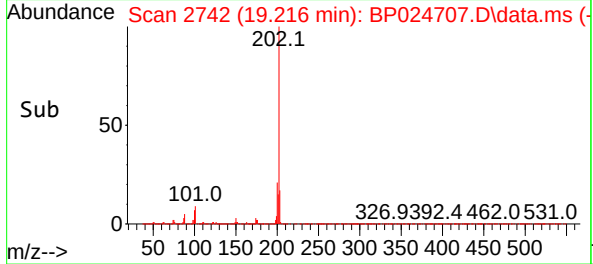
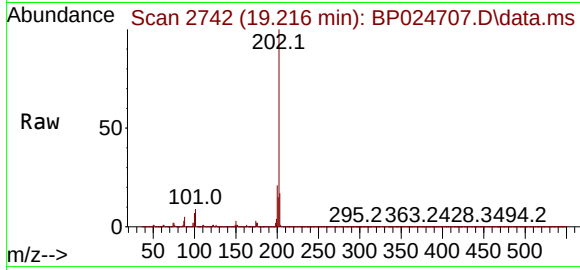




#75
Fluoranthene
Concen: 42.484 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

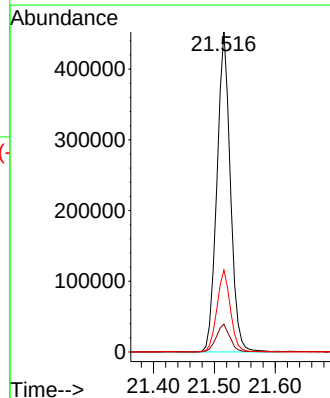
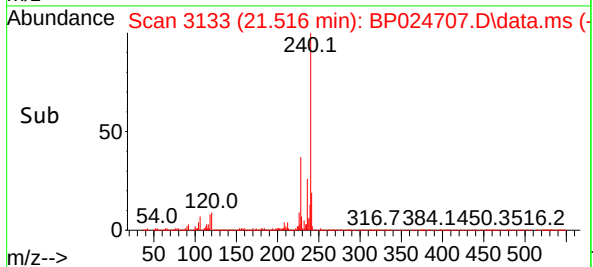
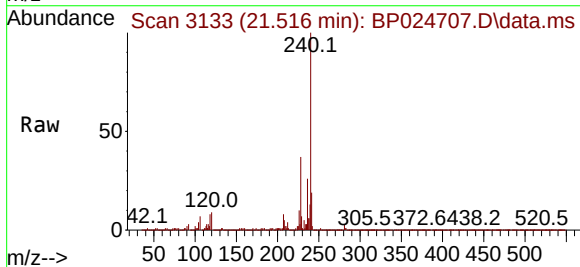
Instrument :
BNA_P
ClientSampleId :
PB168048BS

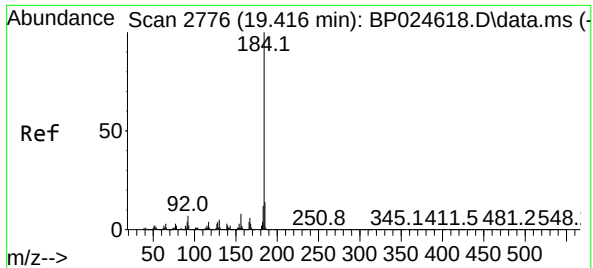
Tgt Ion:202 Resp: 1695882
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.3
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:240 Resp: 693187
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.5 20.6 31.0

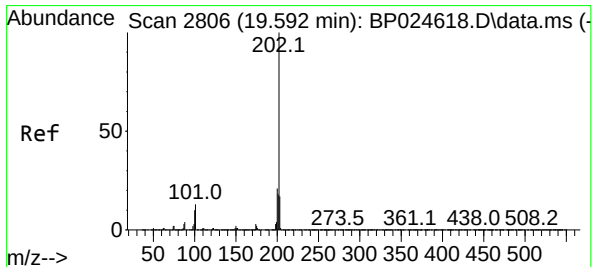
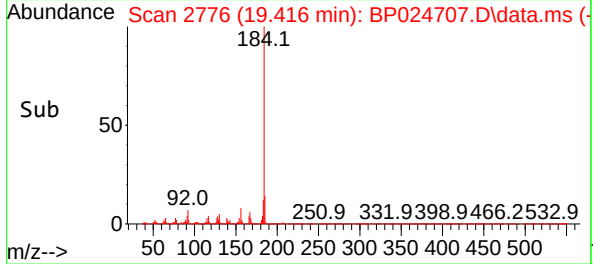
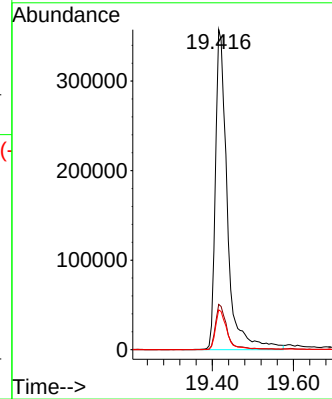
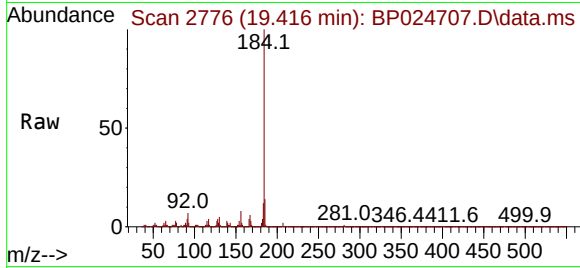




#77
Benzidine
Concen: 38.307 ng
RT: 19.416 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

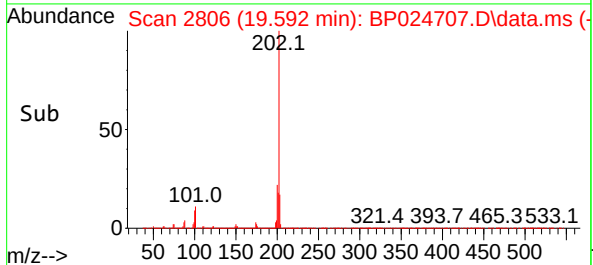
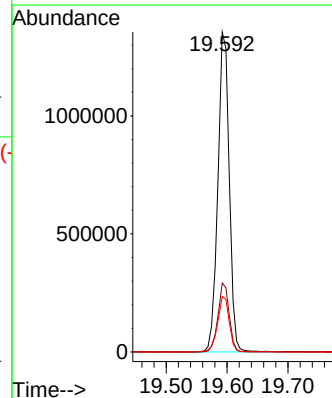
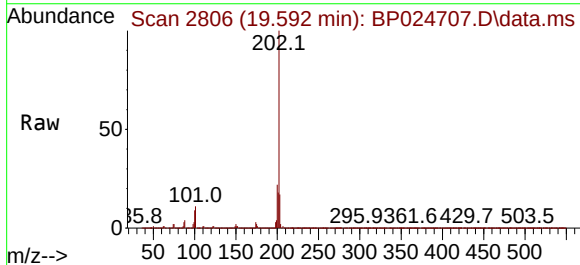
Instrument :
BNA_P
ClientSampleId :
PB168048BS

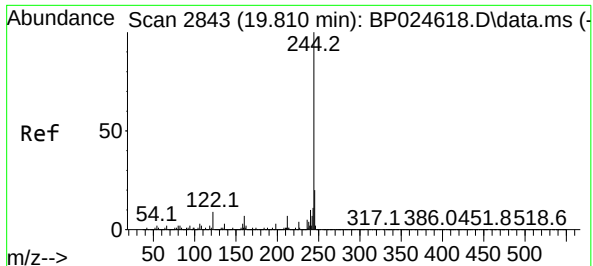
Tgt Ion:184 Resp: 723227
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.4 9.8 14.8



#78
Pyrene
Concen: 42.384 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:202 Resp: 1760402
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.3 13.9 20.9

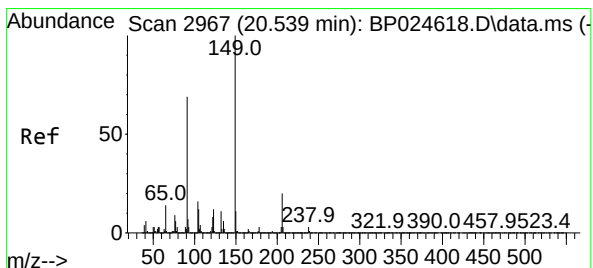
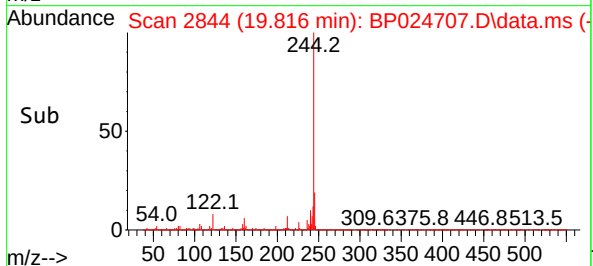
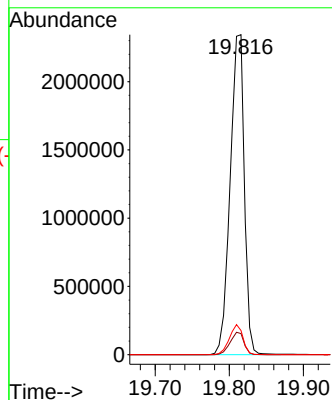
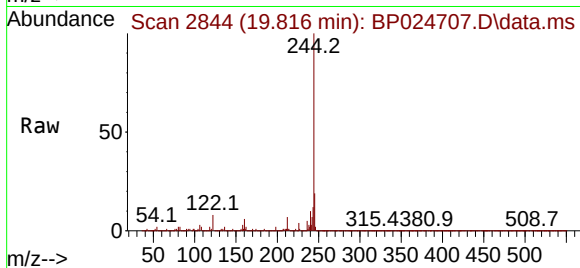




#79
 Terphenyl-d14
 Concen: 76.855 ng
 RT: 19.816 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024707.D
 Acq: 20 May 2025 14:35

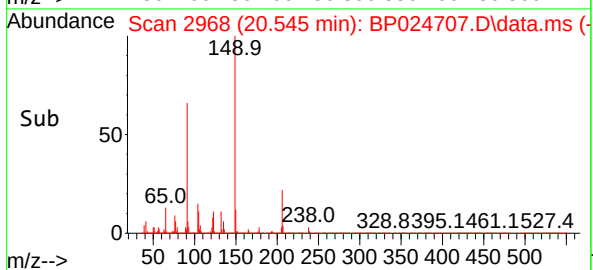
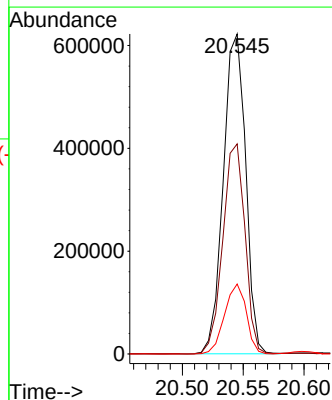
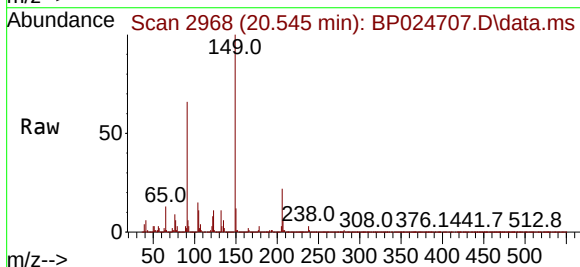
Instrument :
 BNA_P
 ClientSampleId :
 PB168048BS

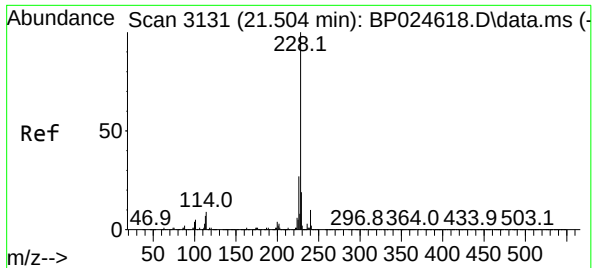
Tgt Ion:244 Resp: 3106963
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 7.6 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 43.100 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. 0.006 min
 Lab File: BP024707.D
 Acq: 20 May 2025 14:35

Tgt Ion:149 Resp: 796147
 Ion Ratio Lower Upper
 149 100
 91 65.7 55.4 83.0
 206 21.8 16.2 24.2

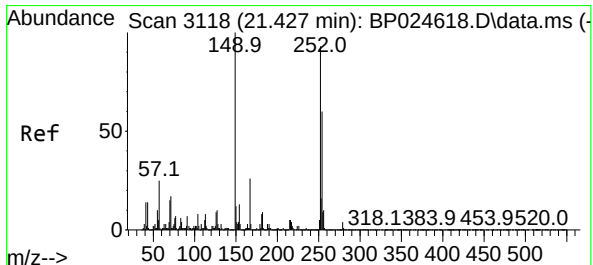
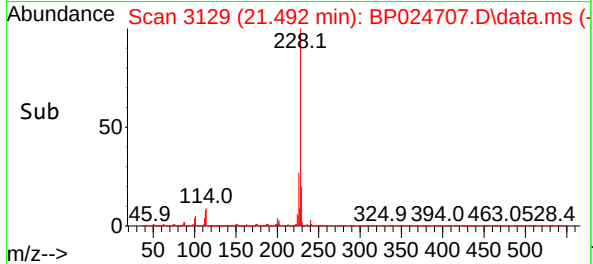
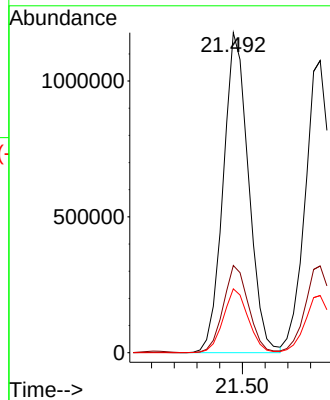
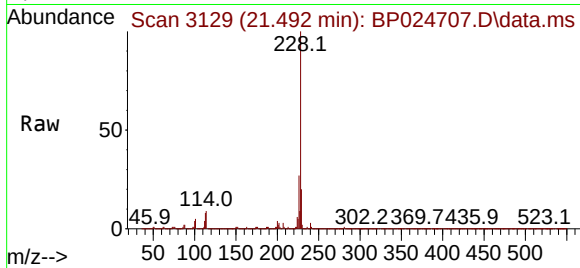




#81
Benzo(a)anthracene
Concen: 41.934 ng
RT: 21.492 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

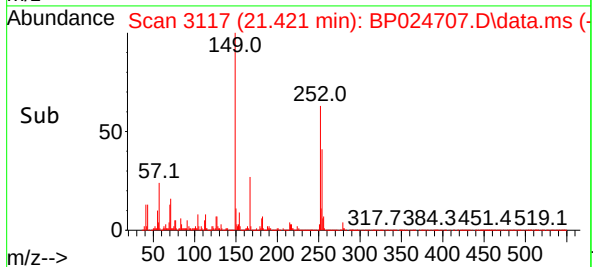
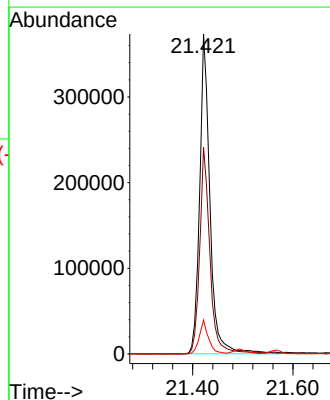
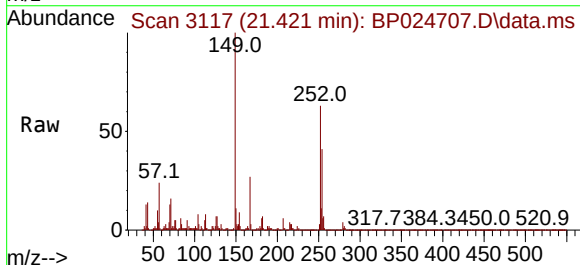
Instrument :
BNA_P
ClientSampleId :
PB168048BS

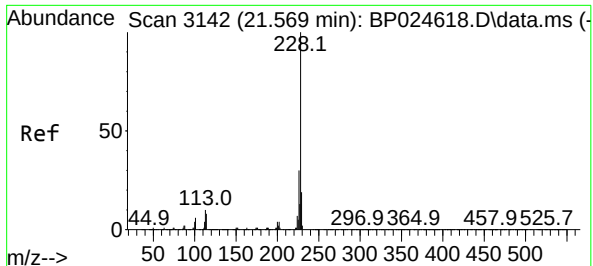
Tgt Ion:228 Resp: 1825211
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 33.013 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:252 Resp: 533711
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 10.6 7.7 11.5

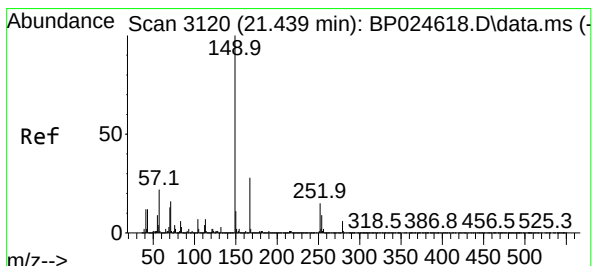
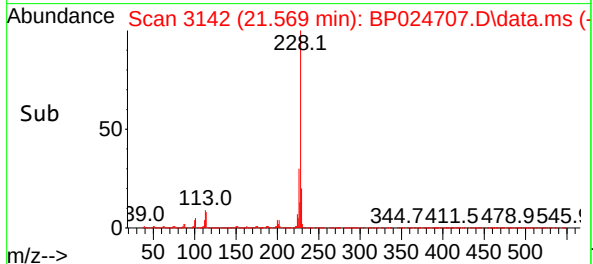
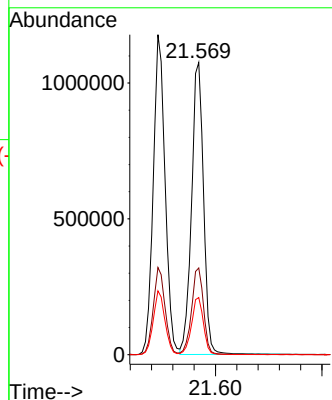
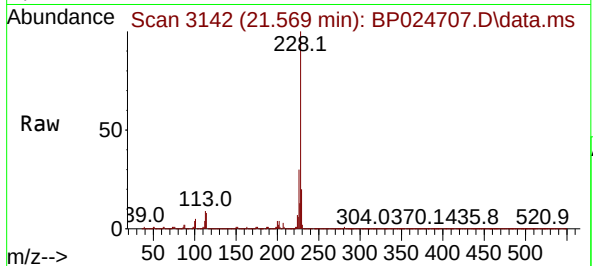




#83
Chrysene
Concen: 40.778 ng
RT: 21.569 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

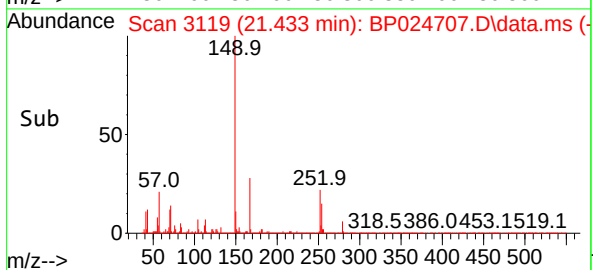
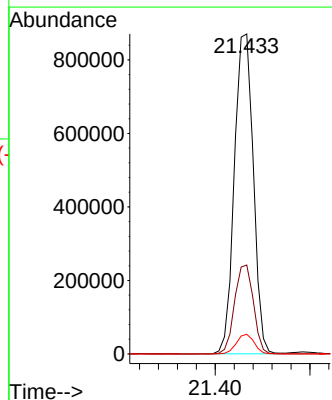
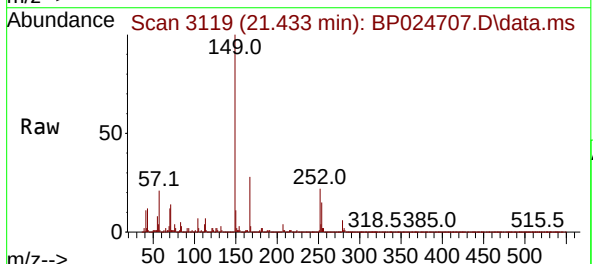
Instrument :
BNA_P
ClientSampleId :
PB168048BS

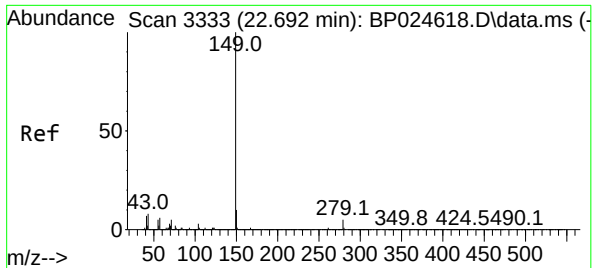
Tgt Ion:228 Resp: 1682550
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 19.6 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.315 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:149 Resp: 1203178
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 6.2 4.6 6.8

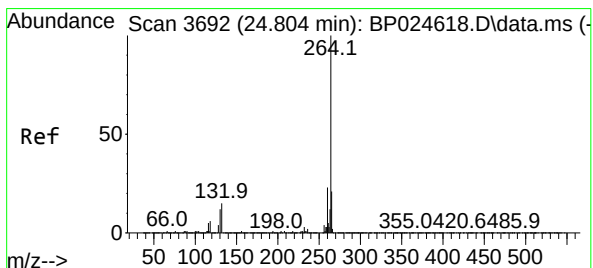
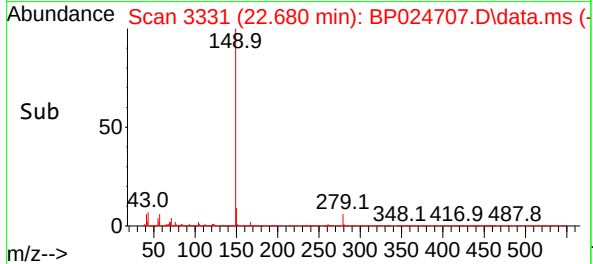
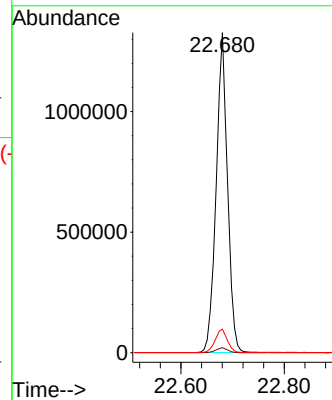
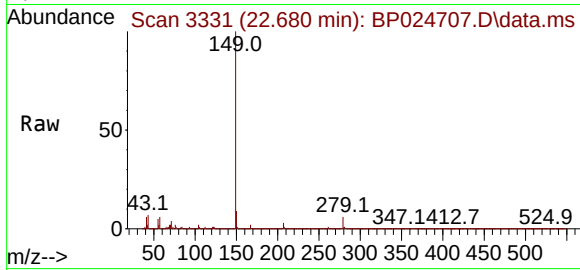




#85
Di-n-octyl phthalate
Concen: 45.433 ng
RT: 22.680 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

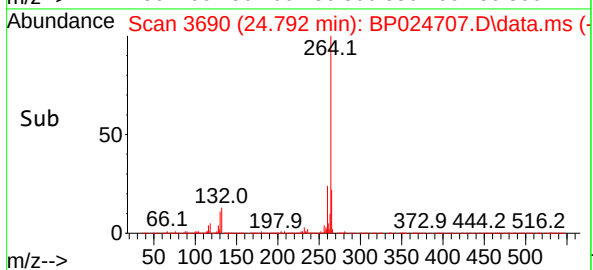
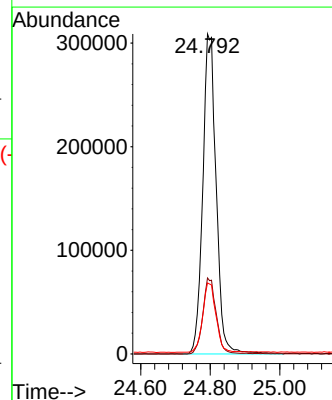
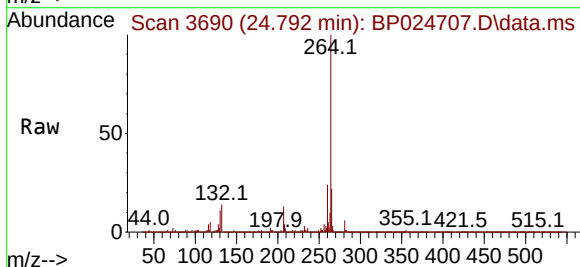
Instrument :
BNA_P
ClientSampleId :
PB168048BS

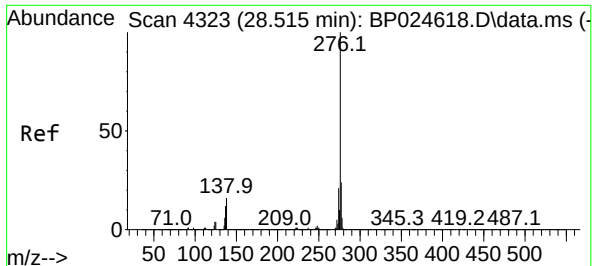
Tgt Ion:149 Resp: 2017155
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.8 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:264 Resp: 827509
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.2 17.0 25.6

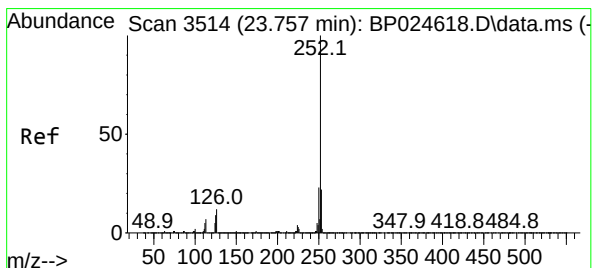
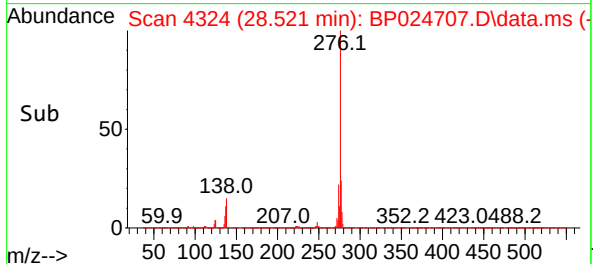
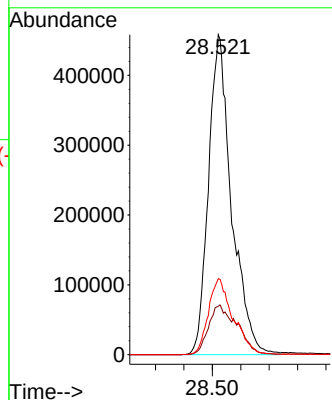
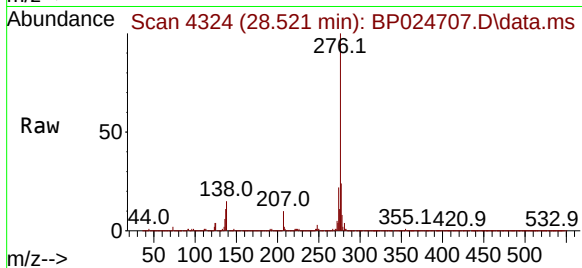




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.681 ng
RT: 28.521 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

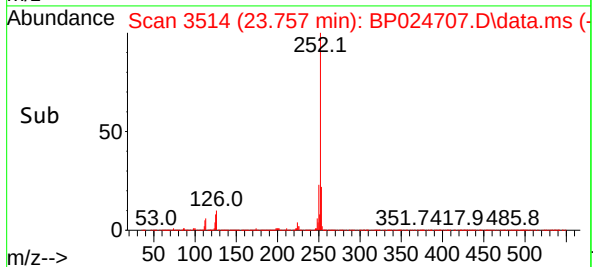
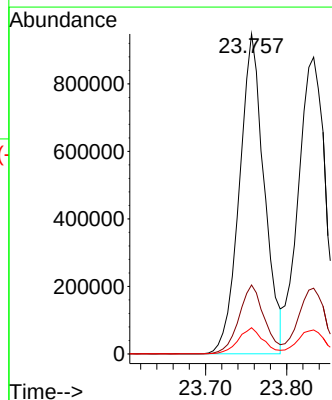
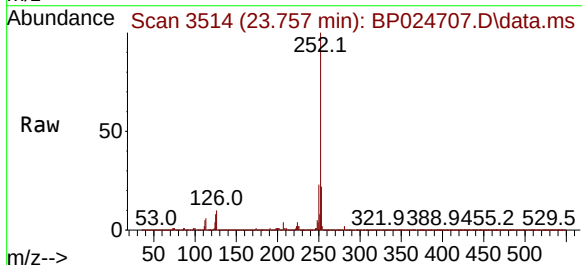
Instrument :
BNA_P
ClientSampleId :
PB168048BS

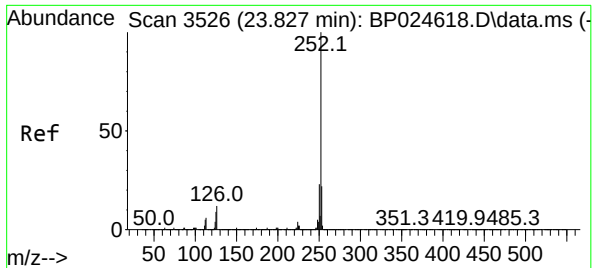
Tgt Ion:276 Resp: 2578470
Ion Ratio Lower Upper
276 100
138 19.3 11.2 16.8#
277 25.6 15.7 23.5#



#88
Benzo(b)fluoranthene
Concen: 42.499 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:252 Resp: 2012992
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 8.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 42.726 ng

RT: 23.833 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

Instrument :

BNA_P

ClientSampleId :

PB168048BS

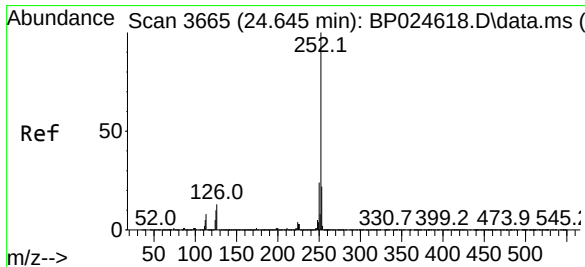
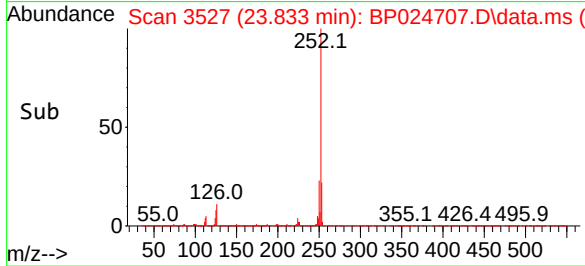
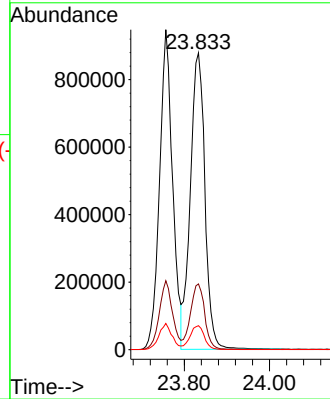
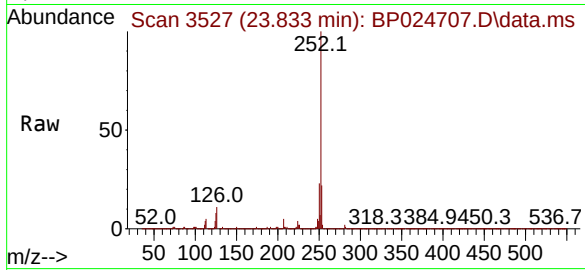
Tgt Ion:252 Resp: 2085330

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 42.598 ng

RT: 24.651 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP024707.D

Acq: 20 May 2025 14:35

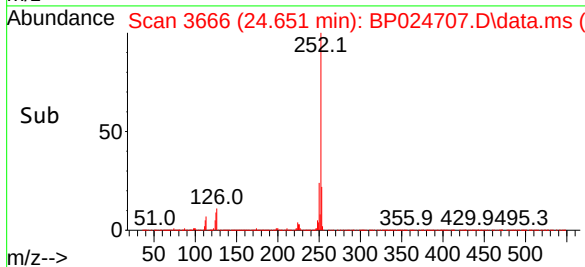
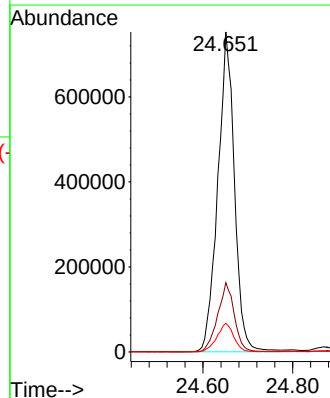
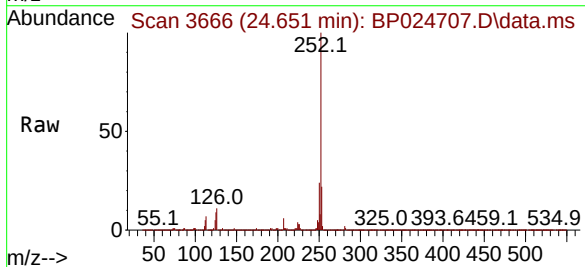
Tgt Ion:252 Resp: 1937802

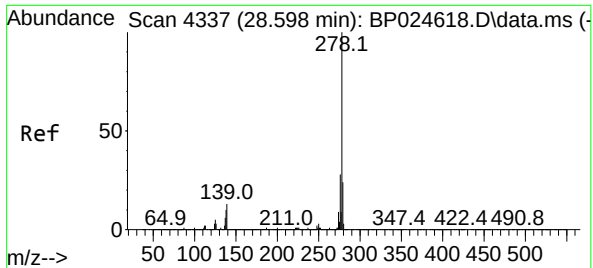
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.0 8.1 12.1

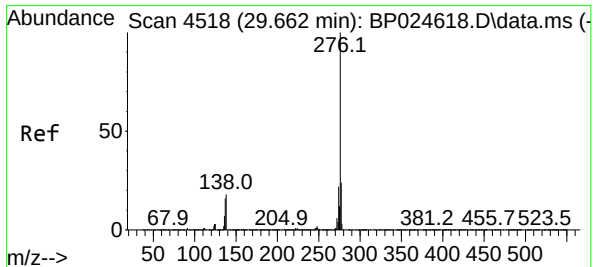
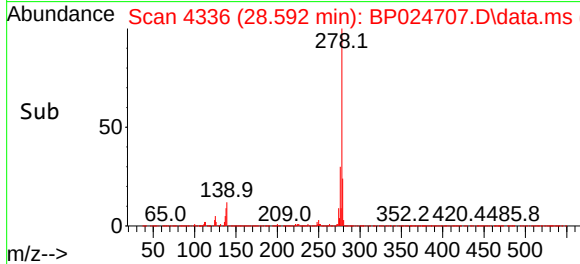
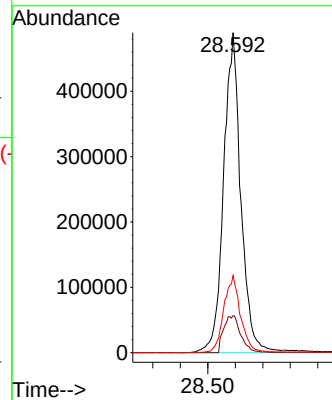
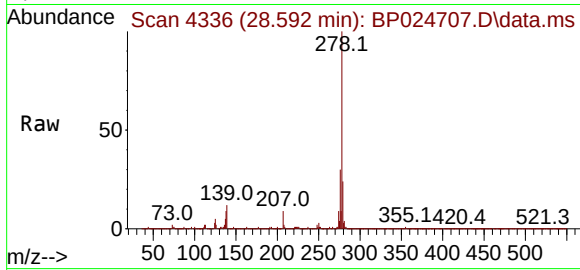




#91
Dibenzo(a,h)anthracene
Concen: 43.192 ng
RT: 28.592 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

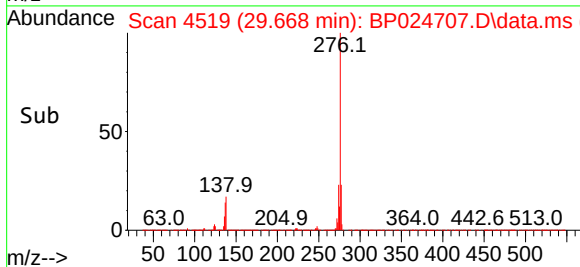
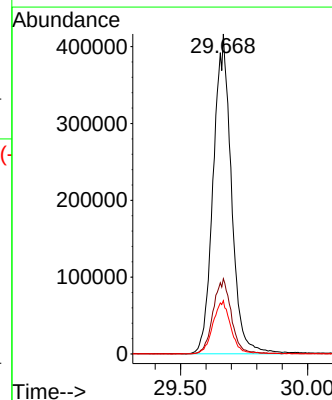
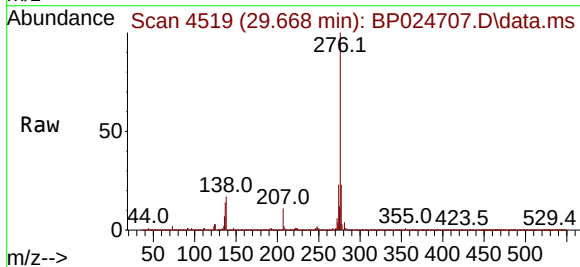
Instrument :
BNA_P
ClientSampleId :
PB168048BS

Tgt Ion:278 Resp: 2122778
Ion Ratio Lower Upper
278 100
139 11.5 10.2 15.4
279 24.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 42.061 ng
RT: 29.668 min Scan# 4519
Delta R.T. 0.006 min
Lab File: BP024707.D
Acq: 20 May 2025 14:35

Tgt Ion:276 Resp: 2055756
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 16.7 14.4 21.6



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168048BSD	SDG No.:	Q2033
Lab Sample ID:	PB168048BSD	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
BP024708.D	1	05/19/25 08:42	05/20/25 15:16	PB168048

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	42.5		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.4		0.54	5.00	ug/L
91-20-3	Naphthalene	42.5		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	128		15 (10) - 110 (139)	85%	SPK: 150
13127-88-3	Phenol-d6	120		15 (10) - 110 (134)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.8		30 (49) - 130 (133)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		15 (44) - 110 (137)	97%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		30 (48) - 130 (125)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	140000	7.658			
1146-65-2	Naphthalene-d8	538000	10.422			
15067-26-2	Acenaphthene-d10	330000	14.287			
1517-22-2	Phenanthrene-d10	643000	17.081			
1719-03-5	Chrysene-d12	742000	21.516			
1520-96-3	Perylene-d12	839000	24.792			

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\BP052025\
 Data File : BP024708.D
 Acq On : 20 May 2025 15:16
 Operator : RC/JU
 Sample : PB168048BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168048BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/21/2025
 Supervised By :Jagrut Upadhyay 05/21/2025

Quant Time: May 20 15:48:06 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 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	139801	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	538123	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	329718	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	642991	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	741643	20.000	ng	0.00
86) Perylene-d12	24.792	264	838594	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1043511	127.666	ng	0.00
7) Phenol-d6	6.863	99	1253204	120.132	ng	0.01
23) Nitrobenzene-d5	8.805	82	807485	75.818	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	816620	146.094	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1964889	78.074	ng	-0.01
79) Terphenyl-d14	19.804	244	3433913	79.393	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	120709	31.450	ng	95
3) Pyridine	3.617	79	287355	33.764	ng	95
4) n-Nitrosodimethylamine	3.528	42	150262	39.993	ng	88
6) Aniline	6.999	93	471275	34.991	ng	100
8) 2-Chlorophenol	7.234	128	406514	43.810	ng	98
9) Benzaldehyde	6.811	77	225153	33.341	ng	98
10) Phenol	6.887	94	449144	41.715	ng	96
11) bis(2-Chloroethyl)ether	7.087	93	343898	38.871	ng	100
12) 1,3-Dichlorobenzene	7.546	146	445502	41.731	ng	99
13) 1,4-Dichlorobenzene	7.693	146	456307	42.498	ng	99
14) 1,2-Dichlorobenzene	8.005	146	419608	40.106	ng	99
15) Benzyl Alcohol	7.905	79	327937	41.367	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	375945	35.482	ng	98
17) 2-Methylphenol	8.116	107	314693	40.750	ng	97
18) Hexachloroethane	8.716	117	162657	39.533	ng	98
19) n-Nitroso-di-n-propyla...	8.457	70	251492	34.851	ng	95
20) 3+4-Methylphenols	8.446	107	425353	40.492	ng	96
22) Acetophenone	8.469	105	559135	41.596	ng	# 98
24) Nitrobenzene	8.846	77	395885	42.239	ng	96
25) Isophorone	9.363	82	697164	37.737	ng	99
26) 2-Nitrophenol	9.552	139	219271	47.744	ng	98
27) 2,4-Dimethylphenol	9.622	122	372381	45.988	ng	99
28) bis(2-Chloroethoxy)met...	9.846	93	438080	39.691	ng	99
29) 2,4-Dichlorophenol	10.099	162	370553	47.224	ng	96
30) 1,2,4-Trichlorobenzene	10.287	180	392603	44.400	ng	97
31) Naphthalene	10.475	128	1185760	42.522	ng	100
32) Benzoic acid	9.810	122	245894m	44.302	ng	
33) 4-Chloroaniline	10.593	127	393001	34.925	ng	99
34) Hexachlorobutadiene	10.752	225	262558	45.836	ng	98
35) Caprolactam	11.399	113	122940	43.305	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	409493	42.794	ng	98
37) 2-Methylnaphthalene	12.087	142	755884	41.862	ng	99
38) 1-Methylnaphthalene	12.310	142	792211	41.005	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	450159	47.016	ng	99
41) Hexachlorocyclopentadiene	12.434	237	578889	99.710	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	308678	49.774	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024708.D
 Acq On : 20 May 2025 15:16
 Operator : RC/JU
 Sample : PB168048BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168048BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/21/2025
 Supervised By :Jagrut Upadhyay 05/21/2025

Quant Time: May 20 15:48:06 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 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	333877	48.366	ng	96
46) 1,1'-Biphenyl	13.104	154	1119732	45.948	ng	99
47) 2-Chloronaphthalene	13.145	162	857654	46.157	ng	98
48) 2-Nitroaniline	13.369	65	247888	45.061	ng	96
49) Acenaphthylene	14.004	152	1357825	43.666	ng	100
50) Dimethylphthalate	13.745	163	1126770	44.835	ng	100
51) 2,6-Dinitrotoluene	13.863	165	242858	45.757	ng	96
52) Acenaphthene	14.351	154	795831	44.519	ng	99
53) 3-Nitroaniline	14.204	138	200980	37.085	ng	98
54) 2,4-Dinitrophenol	14.422	184	292154	86.708	ng	96
55) Dibenzofuran	14.692	168	1245387	43.677	ng	98
56) 4-Nitrophenol	14.563	139	367273	78.370	ng	96
57) 2,4-Dinitrotoluene	14.669	165	343419	45.895	ng	97
58) Fluorene	15.345	166	1060372	45.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	307270	47.983	ng	97
60) Diethylphthalate	15.122	149	1120632	44.119	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	526856	45.439	ng	98
62) 4-Nitroaniline	15.387	138	228988	43.760	ng	99
63) Azobenzene	15.639	77	928905	42.749	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	203628	49.028	ng	98
66) n-Nitrosodiphenylamine	15.563	169	938311	47.509	ng	99
67) 4-Bromophenyl-phenylether	16.251	248	363780	48.013	ng	98
68) Hexachlorobenzene	16.369	284	458184	47.591	ng	99
69) Atrazine	16.545	200	344306	47.570	ng	99
70) Pentachlorophenol	16.734	266	590870	109.332	ng	99
71) Phenanthrene	17.128	178	1585722	44.362	ng	99
72) Anthracene	17.216	178	1687384	46.920	ng	100
73) Carbazole	17.504	167	1527551	46.929	ng	100
74) Di-n-butylphthalate	18.086	149	1942338	46.398	ng	100
75) Fluoranthene	19.210	202	1881199	45.023	ng	99
77) Benzidine	19.416	184	1184443	58.638	ng	100
78) Pyrene	19.586	202	1922595	43.265	ng	100
80) Butylbenzylphthalate	20.539	149	882879	44.673	ng	92
81) Benzo(a)anthracene	21.498	228	2082335	44.715	ng	100
82) 3,3'-Dichlorobenzidine	21.422	252	713621	41.258	ng	99
83) Chrysene	21.563	228	1974706	44.732	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1370288	47.173	ng	100
85) Di-n-octyl phthalate	22.680	149	2264072	47.662	ng	99
87) Indeno(1,2,3-cd)pyrene	28.527	276	2777529	45.368	ng	95
88) Benzo(b)fluoranthene	23.763	252	2257968	47.041	ng	99
89) Benzo(k)fluoranthene	23.821	252	2269488	45.885	ng	99
90) Benzo(a)pyrene	24.645	252	2138419	46.387	ng	99
91) Dibenzo(a,h)anthracene	28.592	278	2290677	45.992	ng	99
92) Benzo(g,h,i)perylene	29.680	276	2221548	44.853	ng	98

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

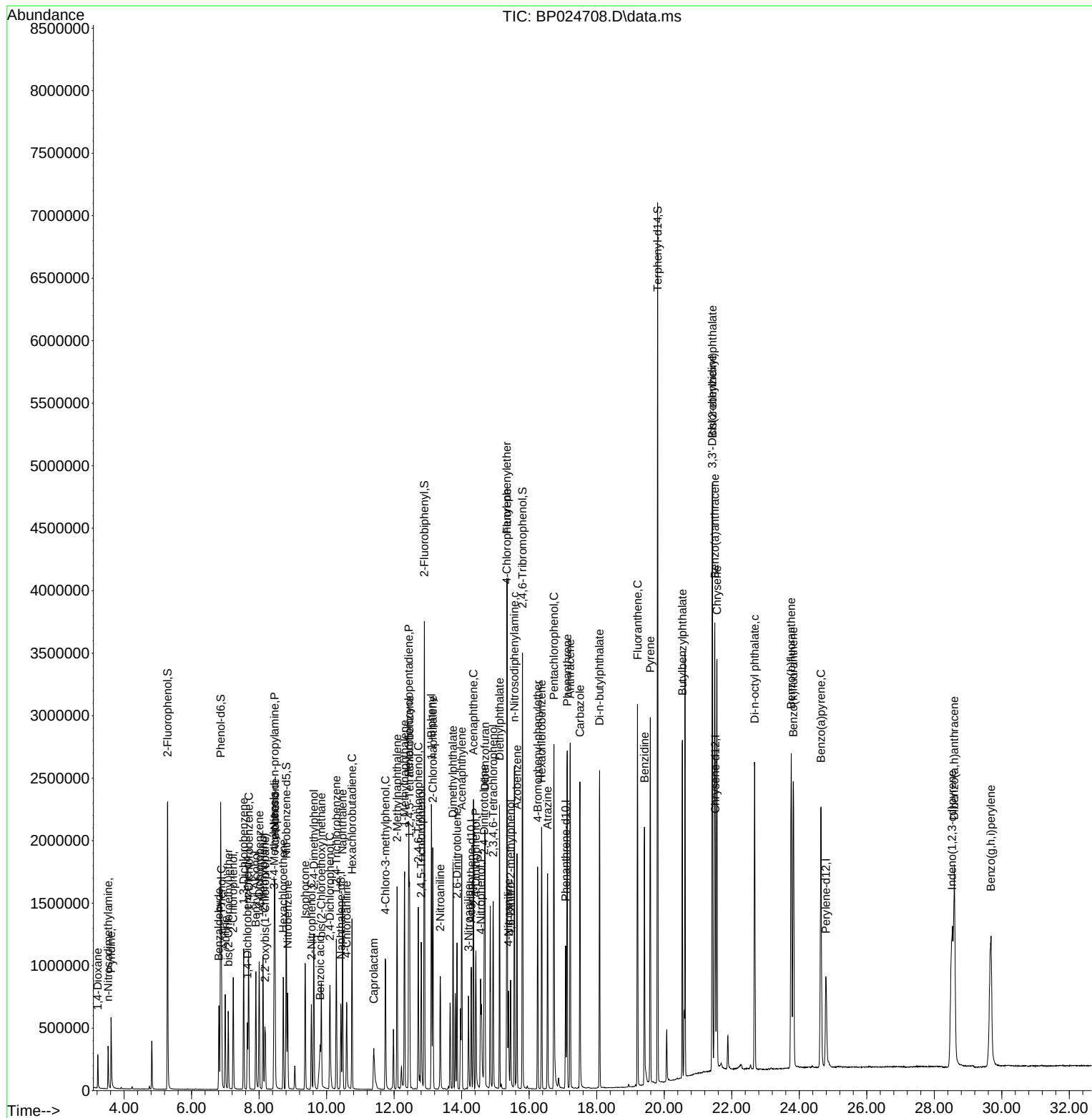
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024708.D
Acq On : 20 May 2025 15:16
Operator : RC/JU
Sample : PB168048BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

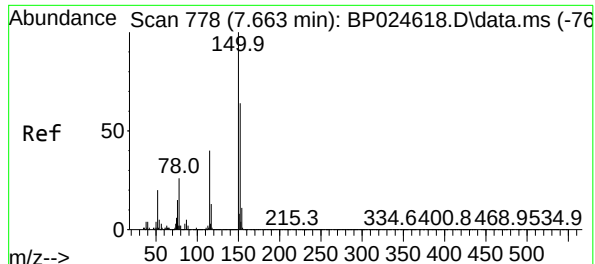
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

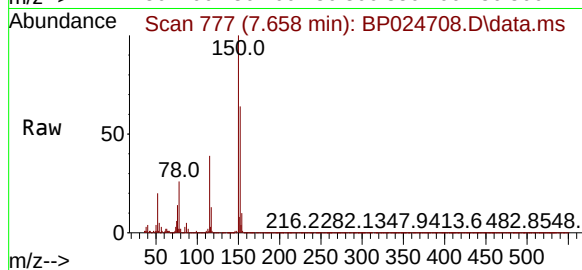
Quant Time: May 20 15:48:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

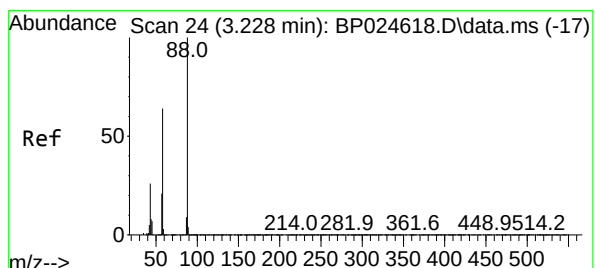
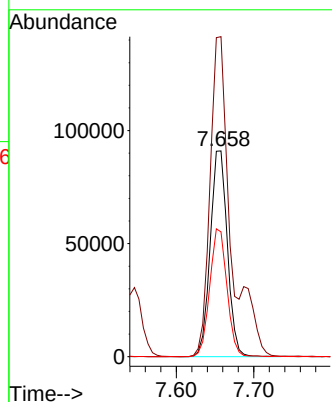
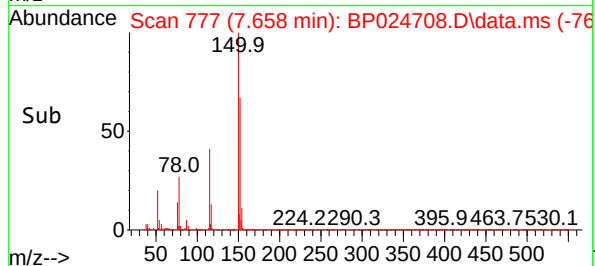
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion: 152 Resp: 13980
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 60.6 50.1 75.1

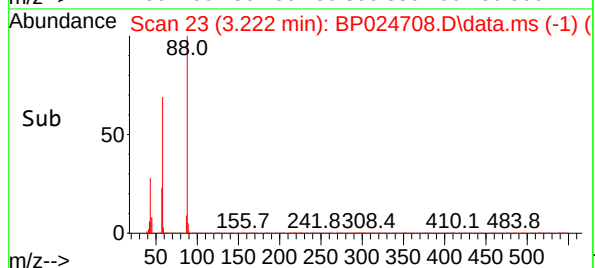
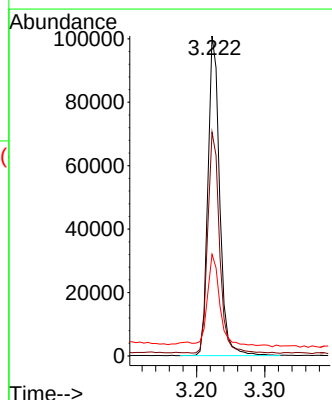
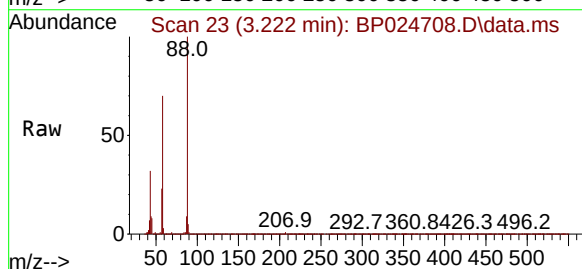
Manual Integrations
APPROVED

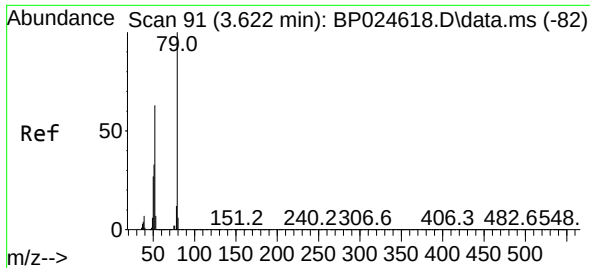
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#2
1,4-Dioxane
Concen: 31.450 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

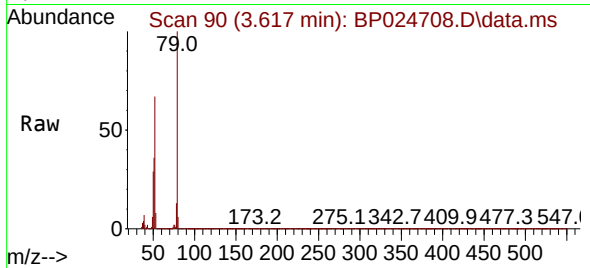
Tgt Ion: 88 Resp: 120709
Ion Ratio Lower Upper
88 100
58 69.9 54.0 81.0
43 31.8 21.4 32.0





#3
Pyridine
Concen: 33.764 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

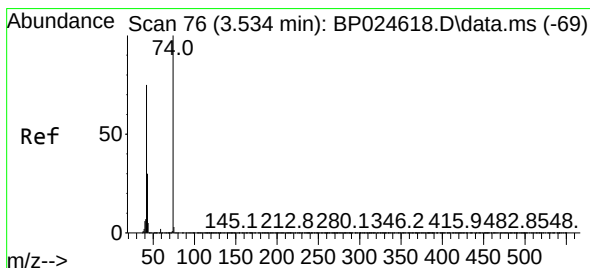
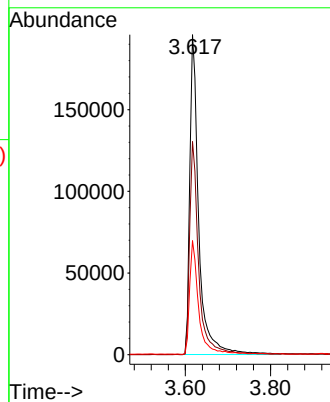
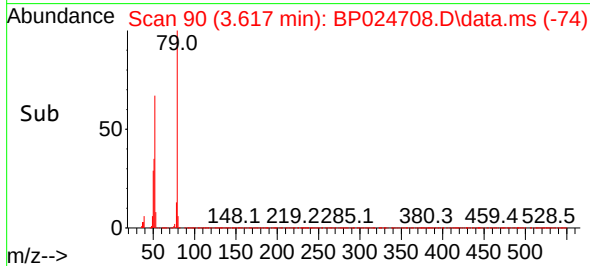
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion: 79 Resp: 28735
Ion Ratio Lower Upper
79 100
52 66.6 50.2 75.2
51 35.6 26.8 40.2

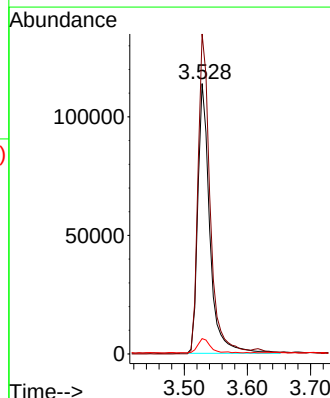
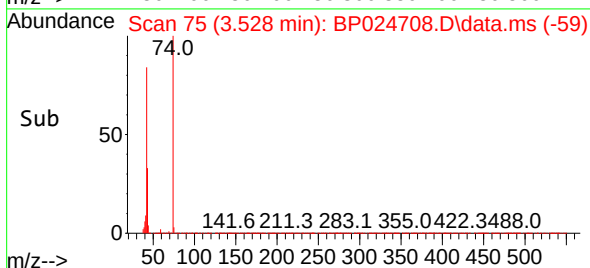
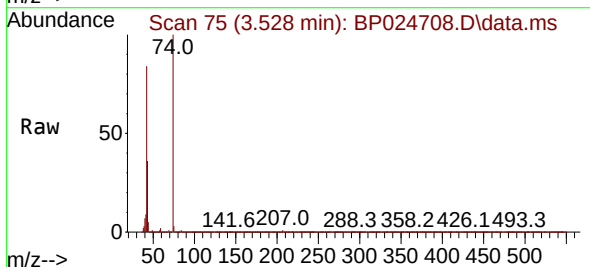
Manual Integrations
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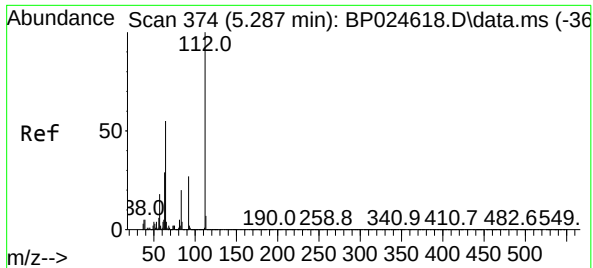
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#4
n-Nitrosodimethylamine
Concen: 39.993 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 42 Resp: 150262
Ion Ratio Lower Upper
42 100
74 118.4 106.2 159.2
44 5.7 5.4 8.2





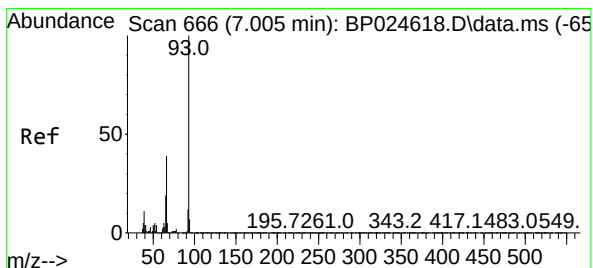
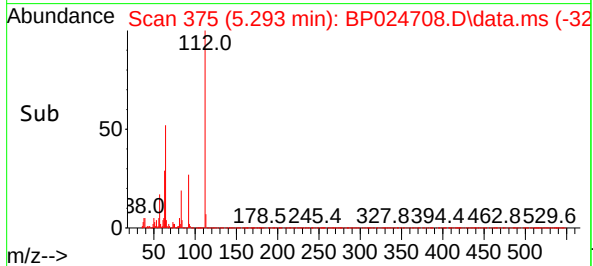
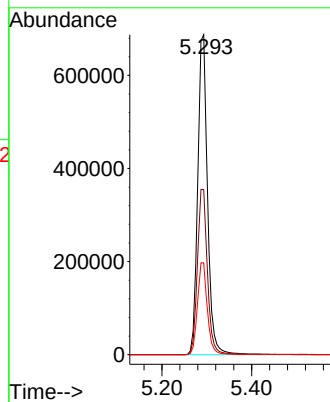
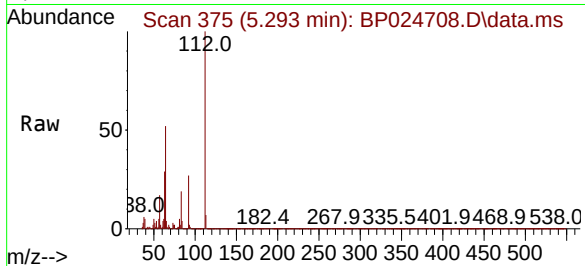
#5
2-Fluorophenol
Concen: 127.666 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Tgt Ion: 112 Resp: 104351
Ion Ratio Lower Upper
112 100
64 51.6 44.1 66.1
63 28.7 23.5 35.3

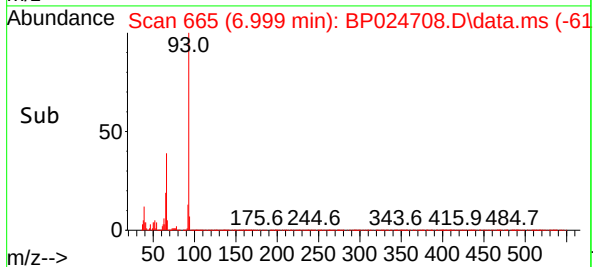
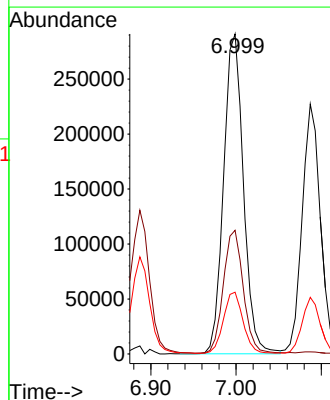
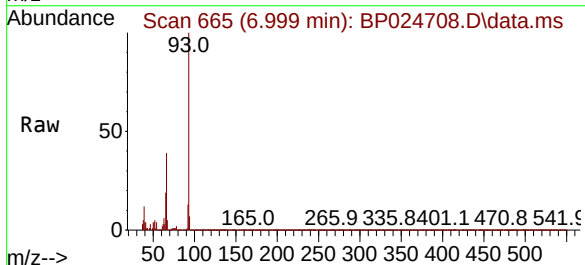
Manual Integrations
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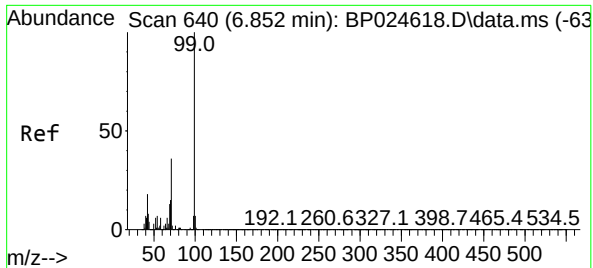
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#6
Aniline
Concen: 34.991 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 93 Resp: 471275
Ion Ratio Lower Upper
93 100
66 38.6 31.0 46.6
65 19.3 15.5 23.3





#7

Phenol-d6

Concen: 120.132 ng

RT: 6.863 min Scan# 64

Delta R.T. 0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

Tgt Ion: 99 Resp: 1253204

Ion Ratio Lower Upper

99 100

42 17.7 14.4 21.6

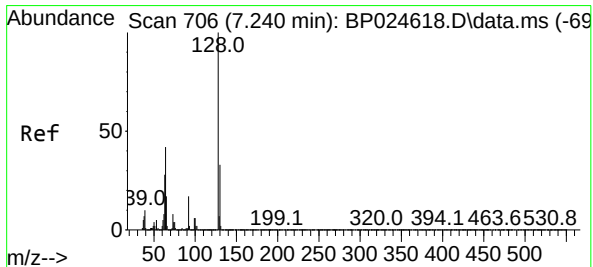
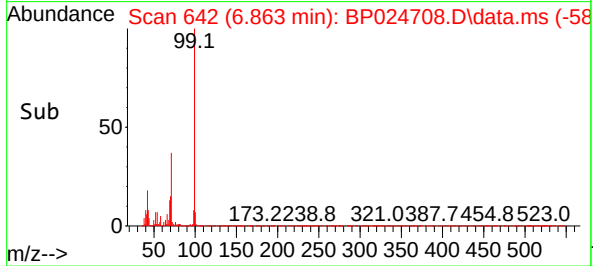
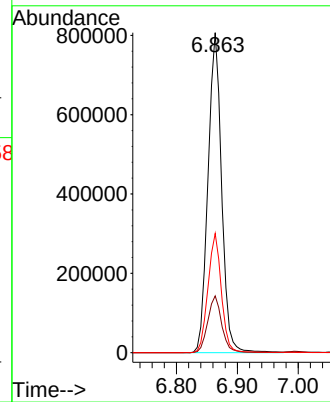
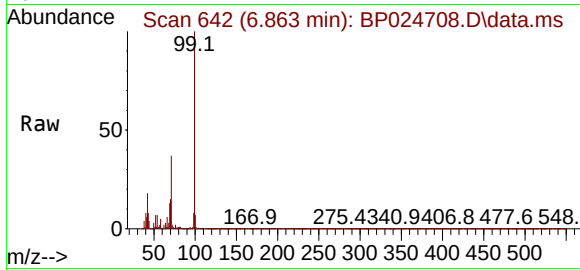
71 37.3 29.2 43.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/21/2025

Supervised By :Jagrut Upadhyay 05/21/2025



#8

2-Chlorophenol

Concen: 43.810 ng

RT: 7.234 min Scan# 705

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

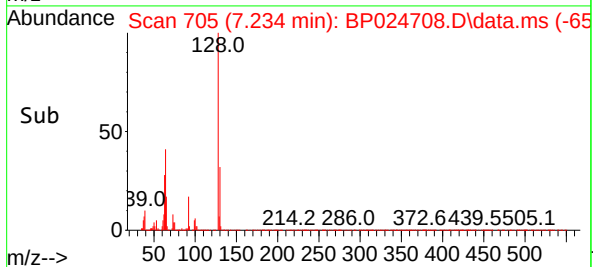
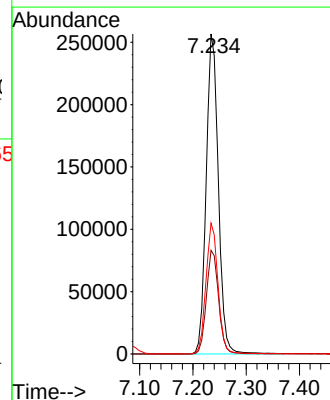
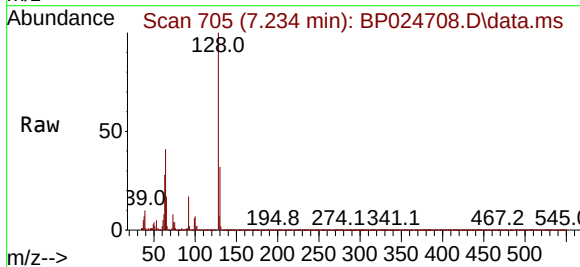
Tgt Ion:128 Resp: 406514

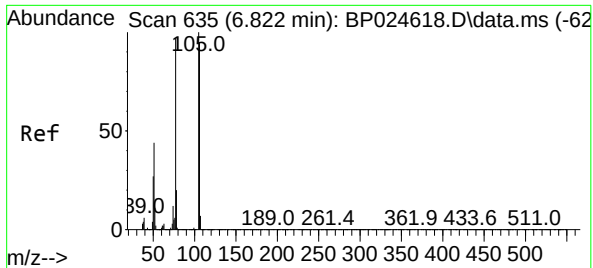
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

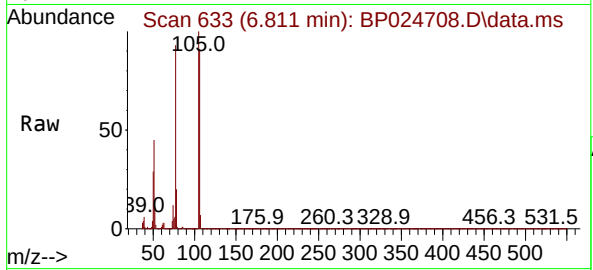
64 40.9 22.3 62.3





#9
Benzaldehyde
Concen: 33.341 ng
RT: 6.811 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

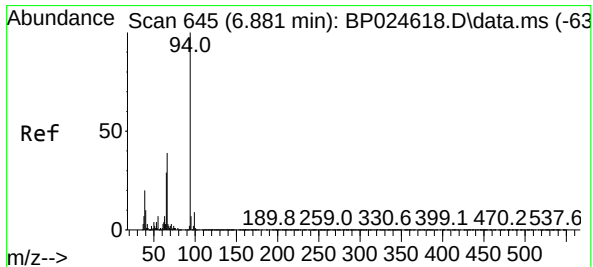
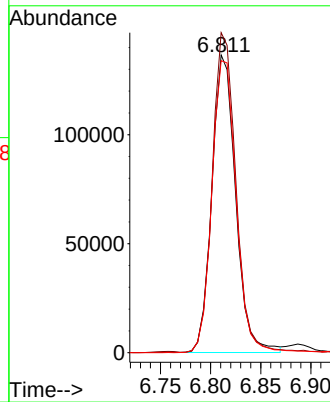
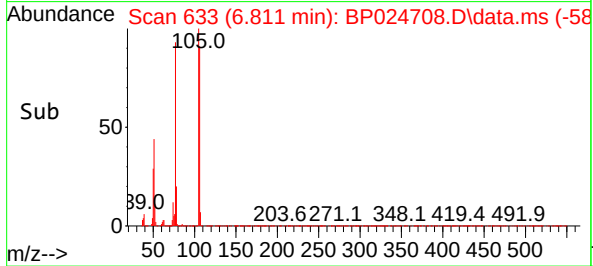
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



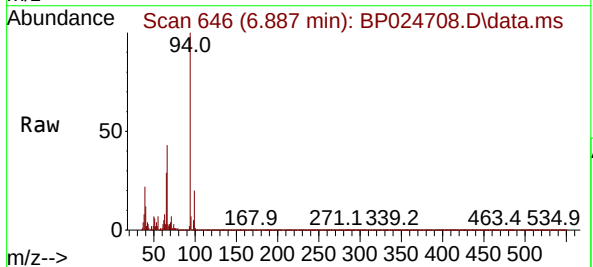
Tgt Ion: 77 Resp: 22515
Ion Ratio Lower Upper
77 100
105 107.4 83.3 123.3
106 98.0 78.0 118.0

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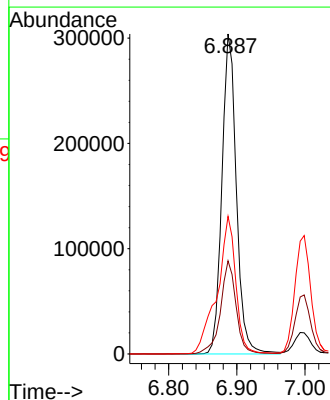
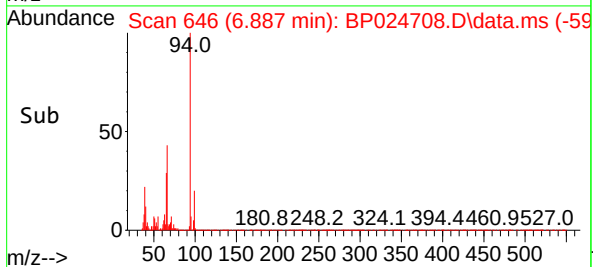
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

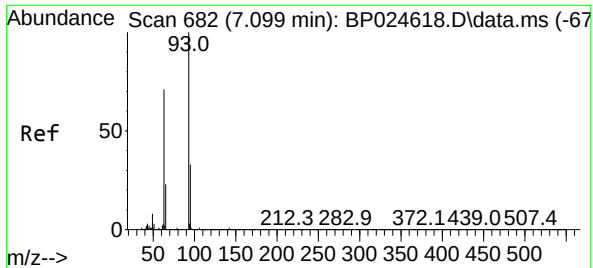


#10
Phenol
Concen: 41.715 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



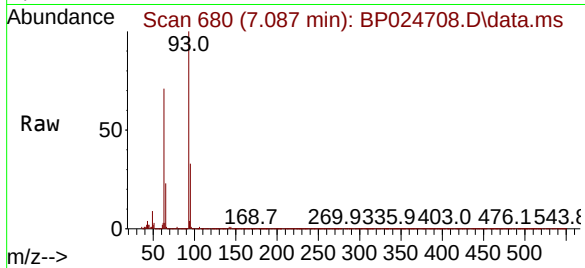
Tgt Ion: 94 Resp: 449144
Ion Ratio Lower Upper
94 100
65 29.1 8.7 48.7
66 43.0 19.4 59.4





#11
bis(2-Chloroethyl)ether
Concen: 38.871 ng
RT: 7.087 min Scan# 681
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

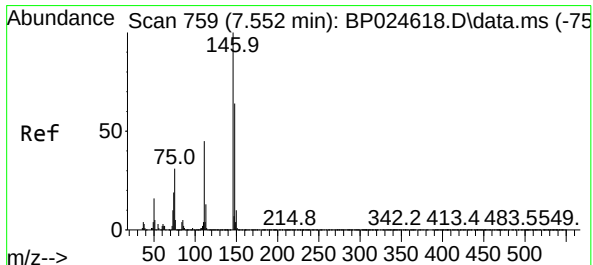
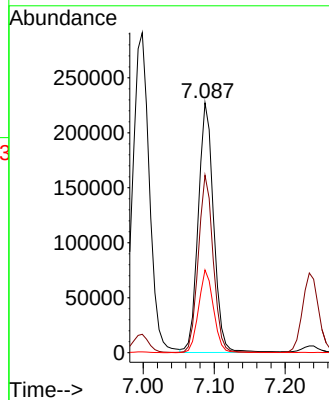
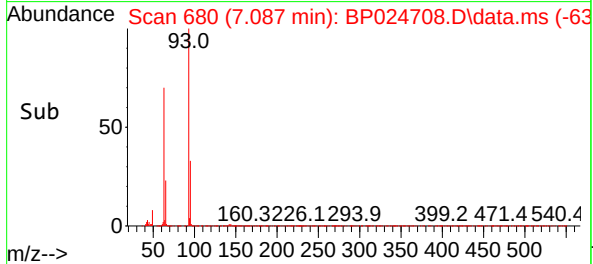
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



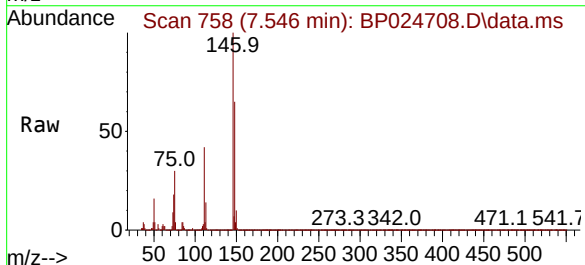
Tgt Ion: 93 Resp: 343898
Ion Ratio Lower Upper
93 100
63 71.0 50.6 90.6
95 33.1 12.9 52.9

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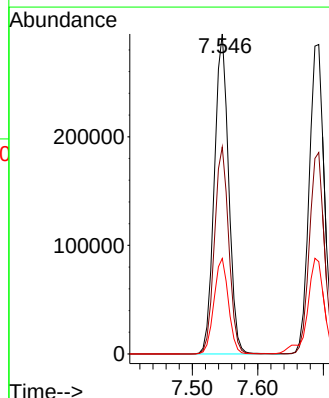
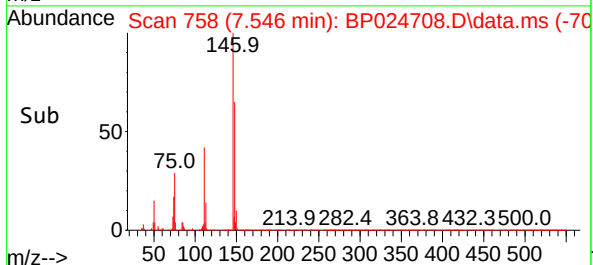
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

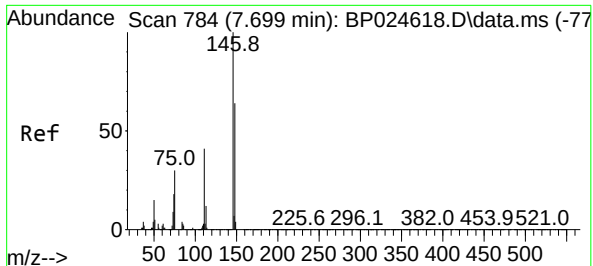


#12
1,3-Dichlorobenzene
Concen: 41.731 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



Tgt Ion:146 Resp: 445502
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
75 29.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 42.498 ng

RT: 7.693 min Scan# 71

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

Tgt Ion:146 Resp: 45630

Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.6

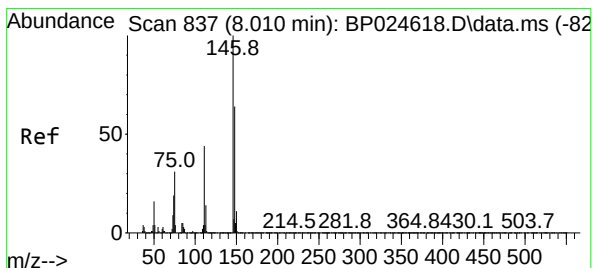
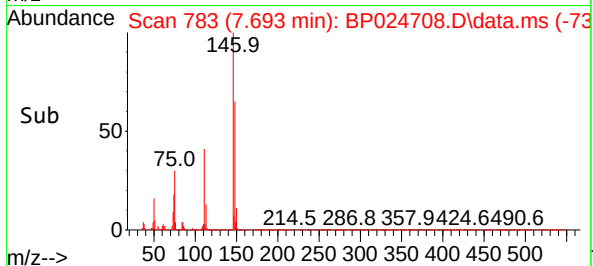
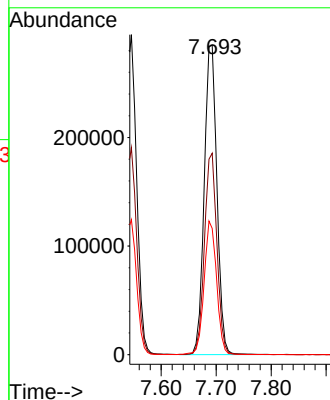
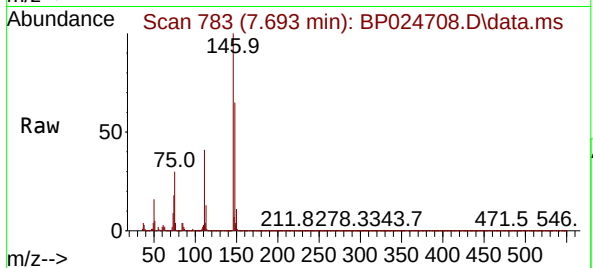
111 40.8 33.0 49.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/21/2025

Supervised By :Jagrut Upadhyay 05/21/2025



#14

1,2-Dichlorobenzene

Concen: 40.106 ng

RT: 8.005 min Scan# 836

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

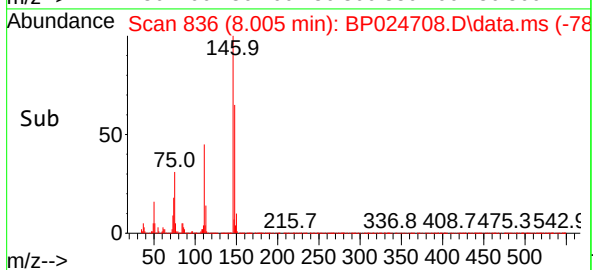
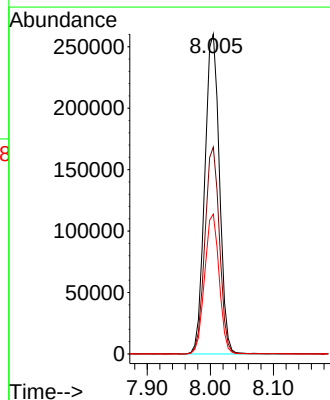
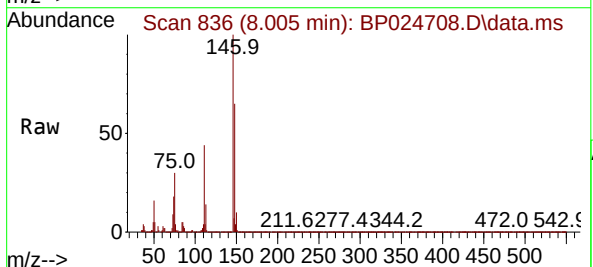
Tgt Ion:146 Resp: 419608

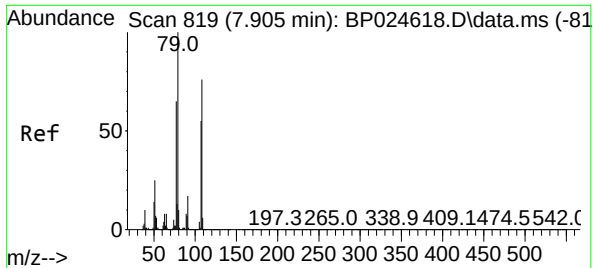
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

111 43.7 35.2 52.8





#15

Benzyl Alcohol

Concen: 41.367 ng

RT: 7.905 min Scan# 819

Delta R.T. 0.000 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

Tgt Ion: 79 Resp: 32793

Ion Ratio Lower Upper

79 100

108 76.0 60.8 91.2

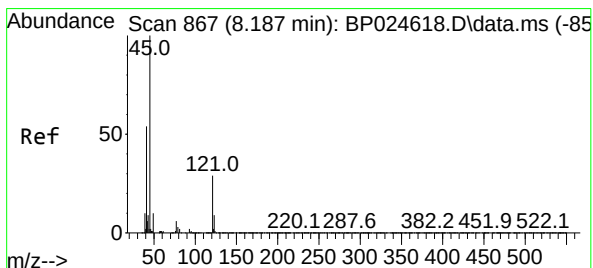
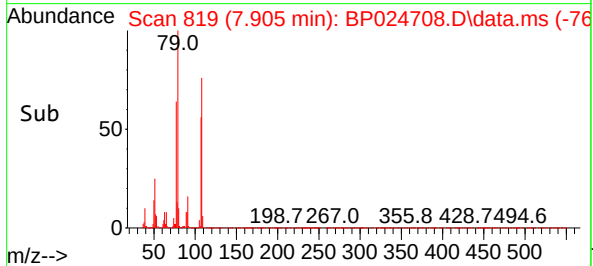
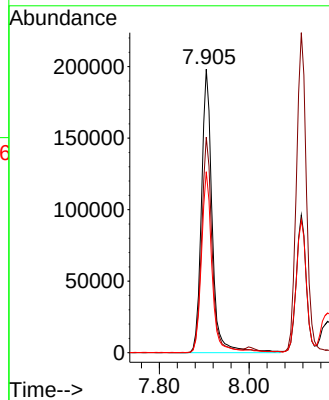
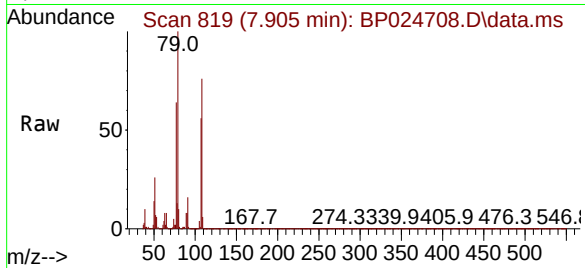
77 63.8 51.9 77.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/21/2025

Supervised By :Jagrut Upadhyay 05/21/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.482 ng

RT: 8.175 min Scan# 865

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

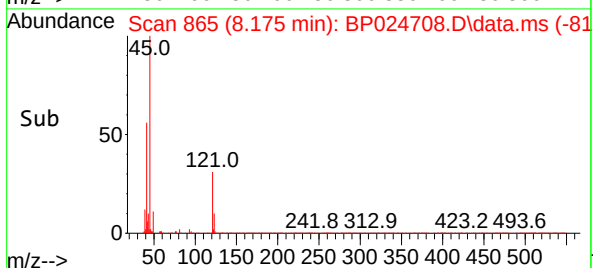
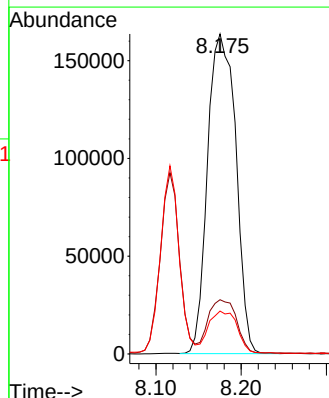
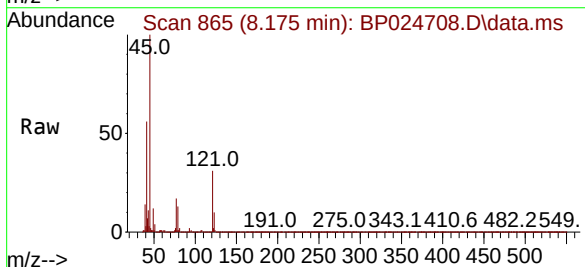
Tgt Ion: 45 Resp: 375945

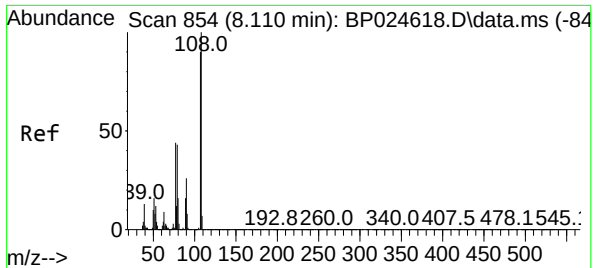
Ion Ratio Lower Upper

45 100

77 16.9 0.0 37.7

79 13.4 0.0 34.0





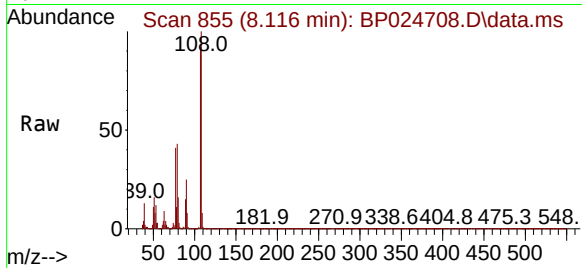
#17
2-Methylphenol
Concen: 40.750 ng
RT: 8.116 min Scan# 854
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD



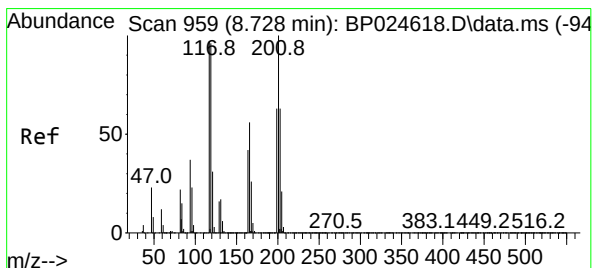
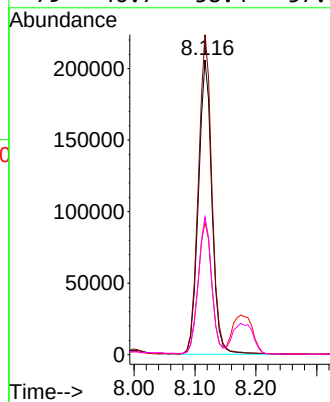
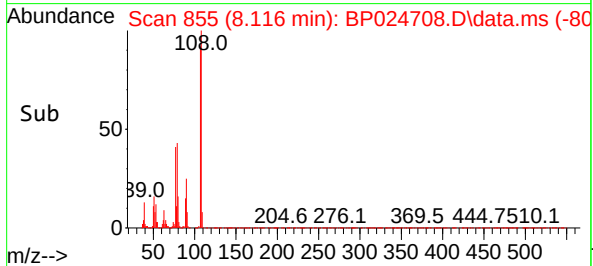
Tgt Ion:107 Resp: 31469
Ion Ratio Lower Upper
107 100
108 108.6 88.9 133.3
77 45.0 39.0 58.6
79 46.7 38.4 57.6

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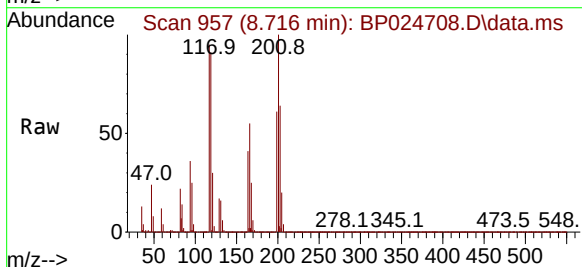
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Reviewed By :Rahul Chavli 05/21/2025

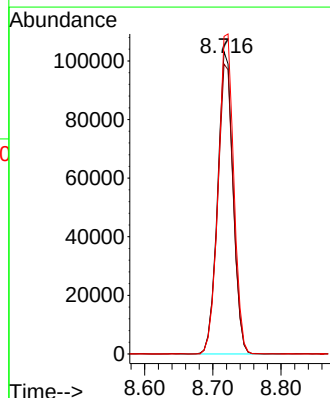
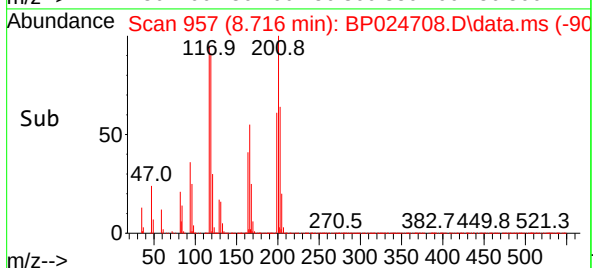
Supervised By :Jagrut Upadhyay 05/21/2025

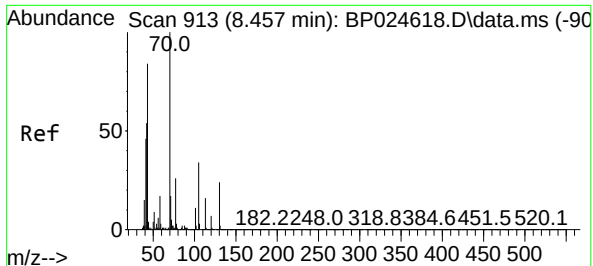


#18
Hexachloroethane
Concen: 39.533 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



Tgt Ion:117 Resp: 162657
Ion Ratio Lower Upper
117 100
119 96.0 79.4 119.0
201 105.1 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 34.851 ng

RT: 8.457 min Scan# 913

Delta R.T. 0.000 min

Lab File: BP024708.D

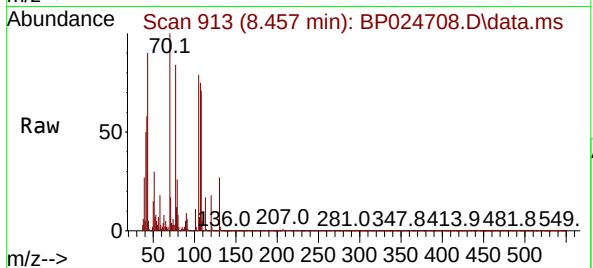
Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD



Tgt Ion: 70 Resp: 25149

Ion Ratio Lower Upper

70 100

42 57.6 43.0 64.6

101 11.1 8.7 13.1

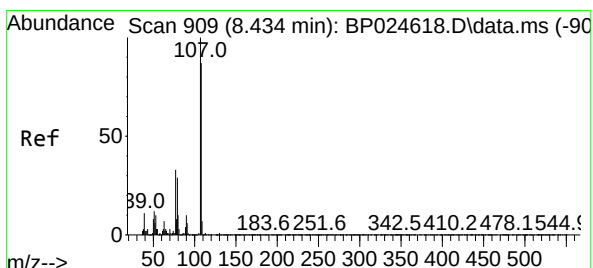
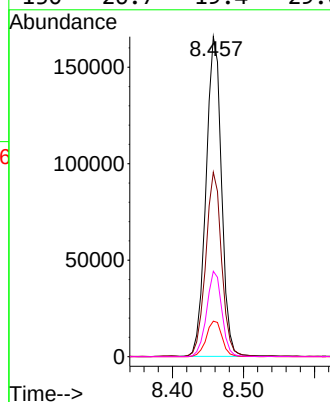
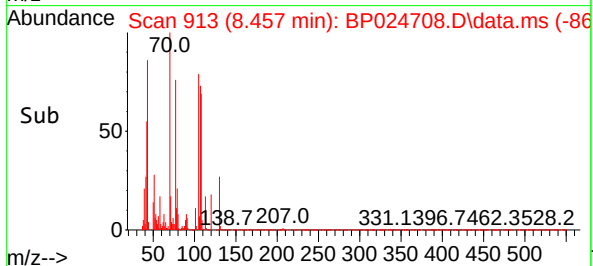
130 26.7 19.4 29.0

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Supervised By :Jagrut Upadhyay 05/21/2025



#20

3+4-Methylphenols

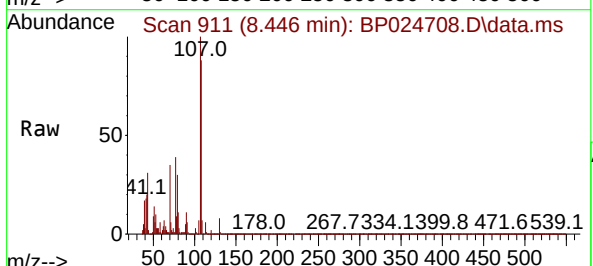
Concen: 40.492 ng

RT: 8.446 min Scan# 911

Delta R.T. 0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16



Tgt Ion:107 Resp: 425353

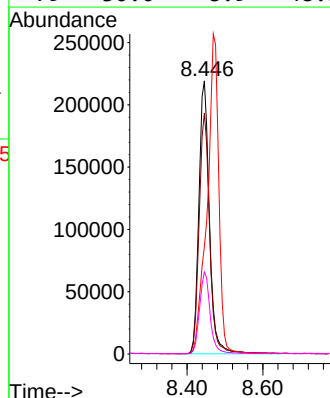
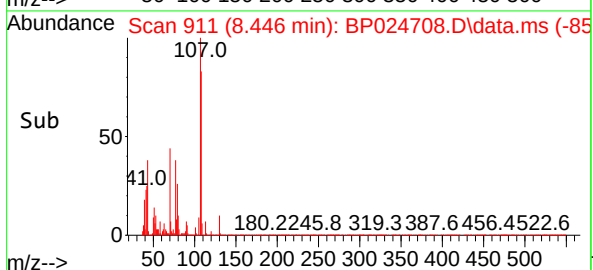
Ion Ratio Lower Upper

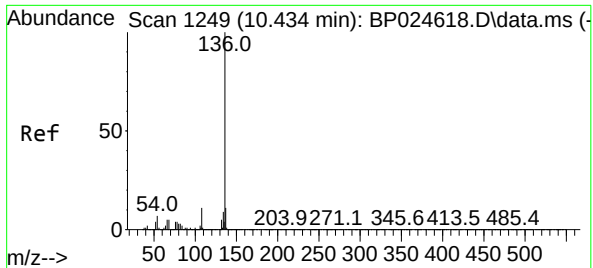
107 100

108 88.2 66.7 106.7

77 39.3 13.1 53.1

79 30.0 8.9 48.9





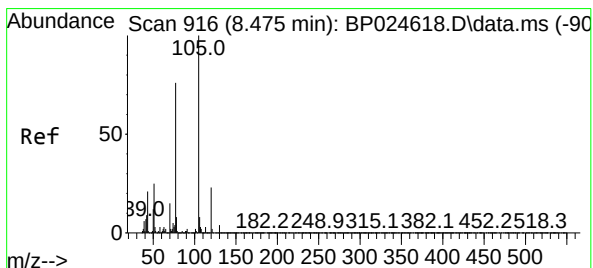
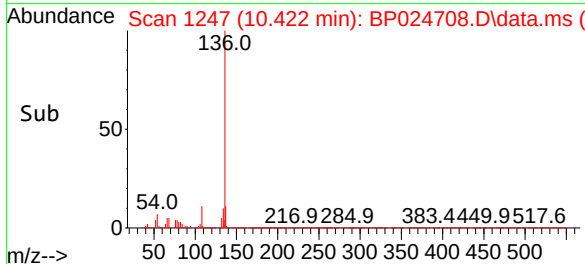
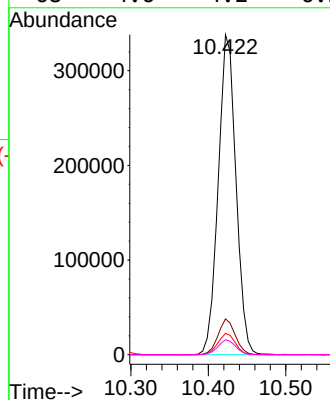
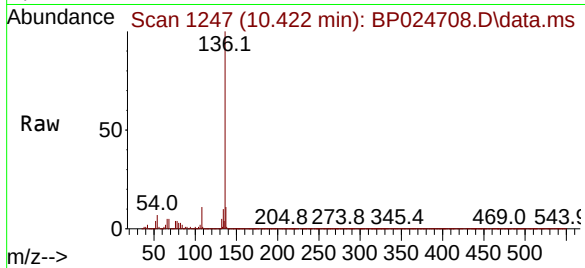
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Tgt Ion:136 Resp: 53812
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.6 5.5 8.3
68 4.6 4.2 6.2

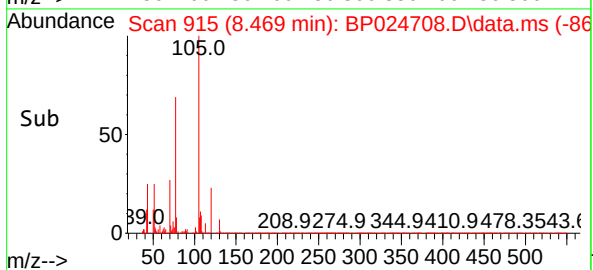
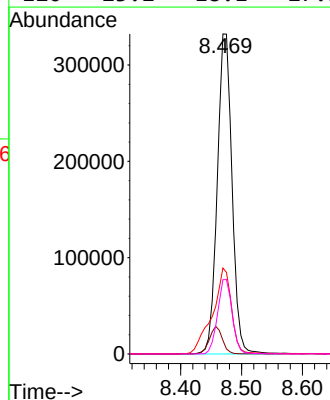
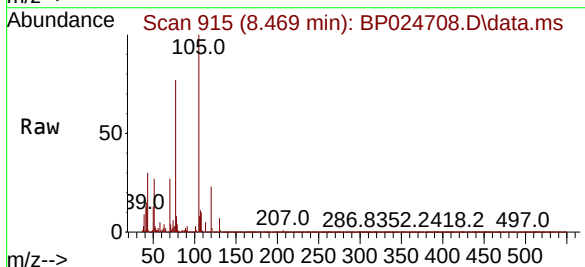
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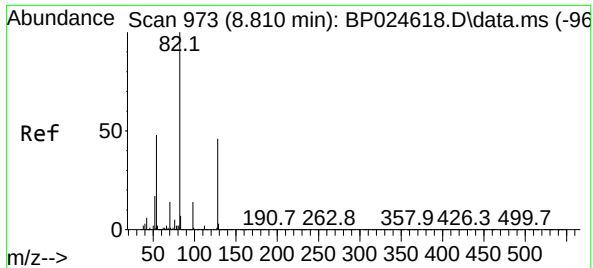
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#22
Acetophenone
Concen: 41.596 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:105 Resp: 559135
Ion Ratio Lower Upper
105 100
71 4.3 2.0 3.0#
51 26.9 20.4 30.6
120 23.2 18.1 27.1





#23

Nitrobenzene-d5

Concen: 75.818 ng

RT: 8.805 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

Tgt Ion: 82 Resp: 807485

Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.4

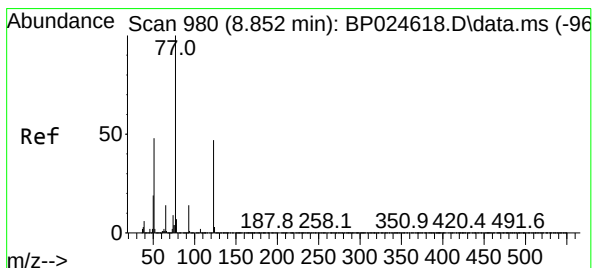
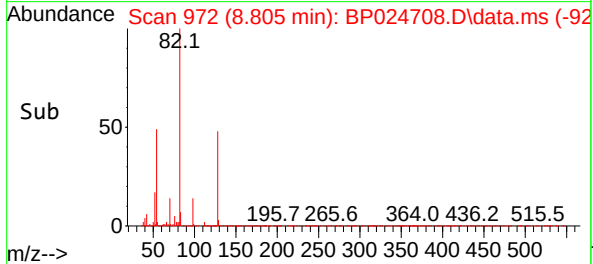
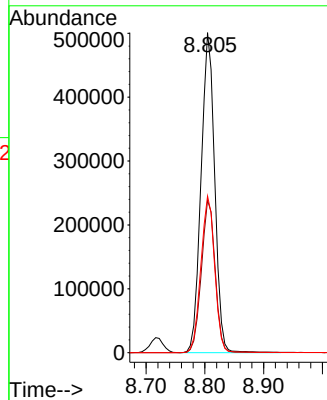
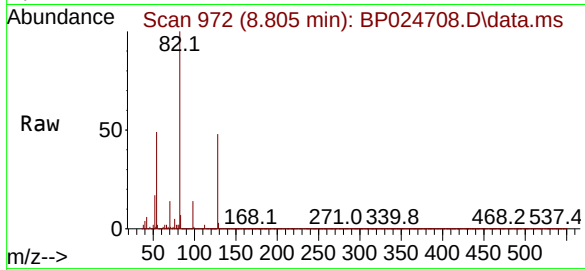
54 49.0 38.7 58.1

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Reviewed By :Rahul Chavli 05/21/2025

Supervised By :Jagrut Upadhyay 05/21/2025



#24

Nitrobenzene

Concen: 42.239 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

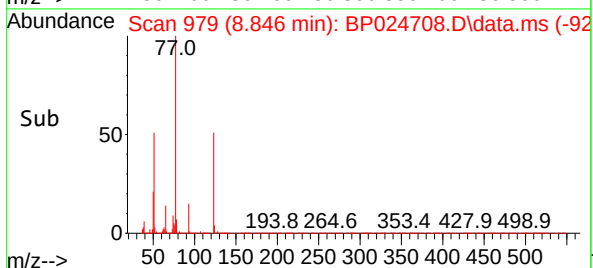
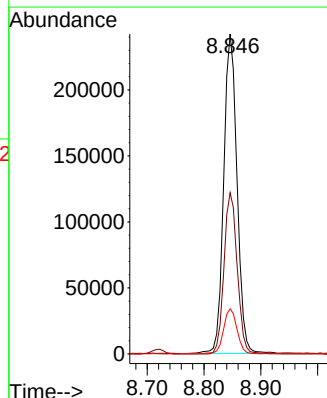
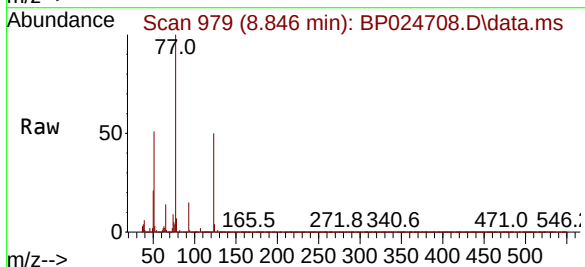
Tgt Ion: 77 Resp: 395885

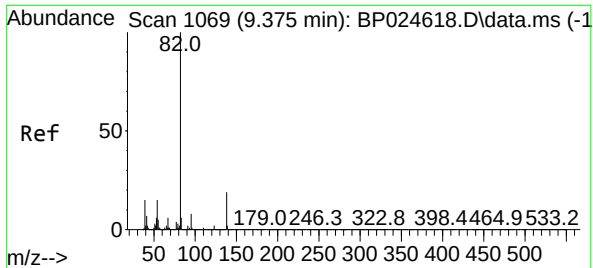
Ion Ratio Lower Upper

77 100

123 50.4 37.4 56.0

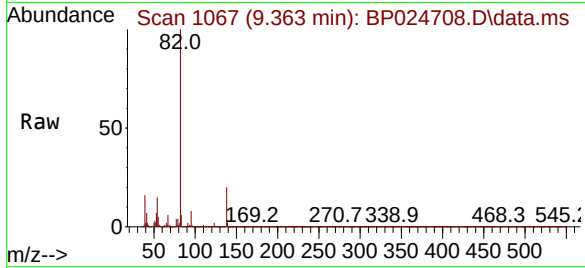
65 14.1 11.3 16.9





#25
Isophorone
Concen: 37.737 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

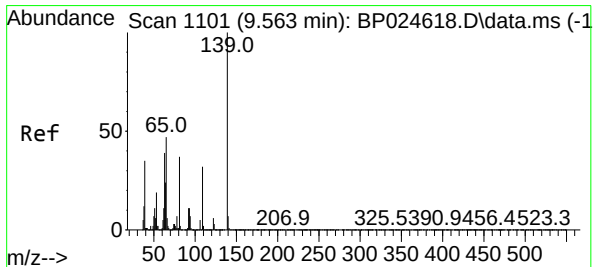
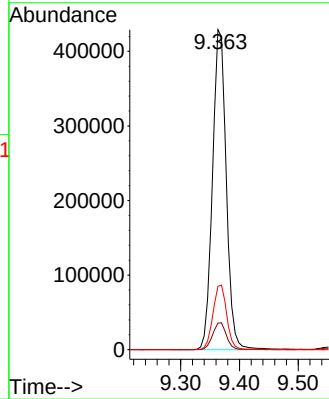
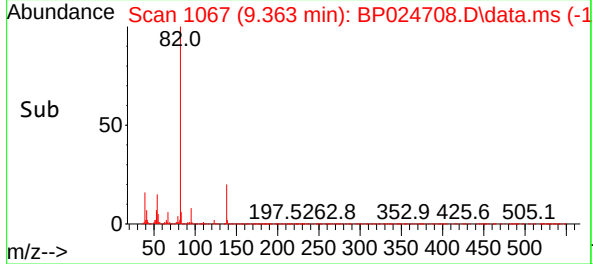
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion: 82 Resp: 697164
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 19.8 15.3 22.9

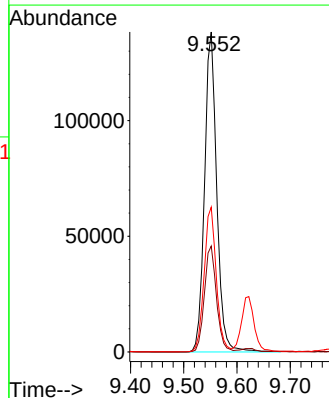
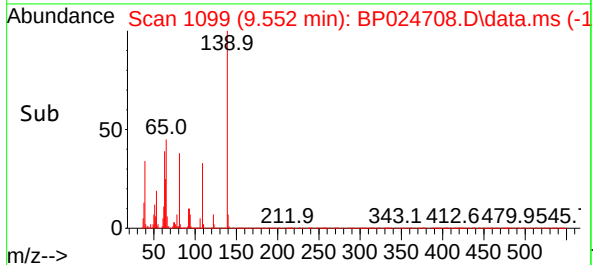
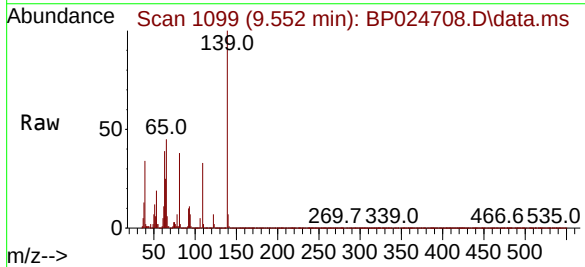
Manual Integrations
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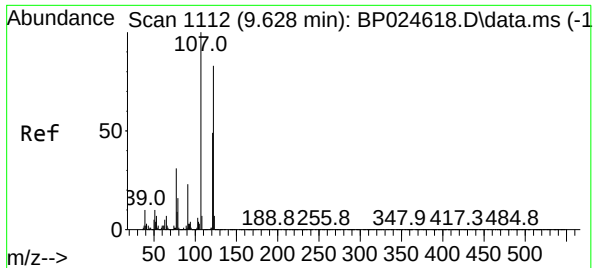
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#26
2-Nitrophenol
Concen: 47.744 ng
RT: 9.552 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

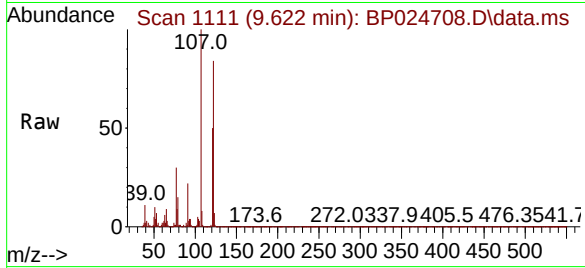
Tgt Ion:139 Resp: 219271
Ion Ratio Lower Upper
139 100
109 33.1 25.9 38.9
65 45.2 37.9 56.9





#27
2,4-Dimethylphenol
Concen: 45.988 ng
RT: 9.622 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

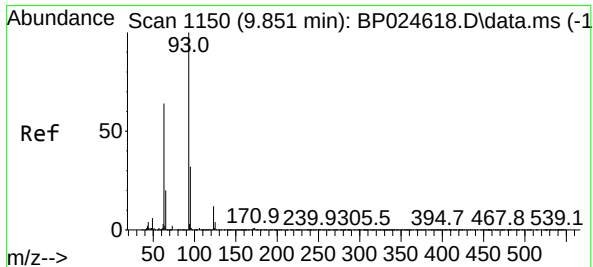
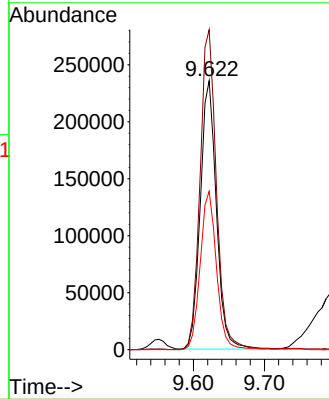
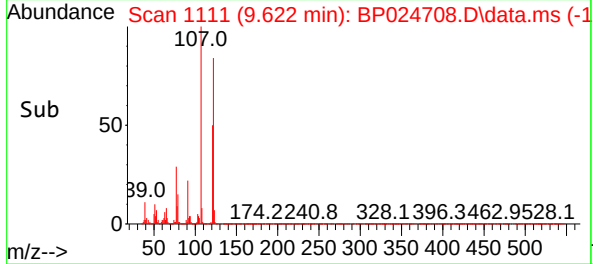
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:122 Resp: 37238
Ion Ratio Lower Upper
122 100
107 118.9 96.2 144.2
121 58.9 47.6 71.4

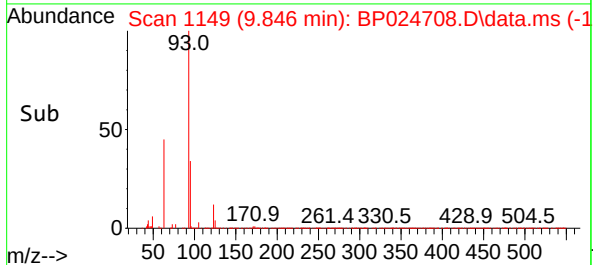
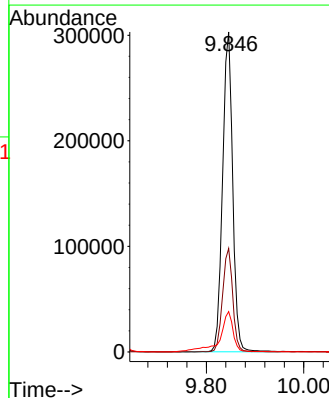
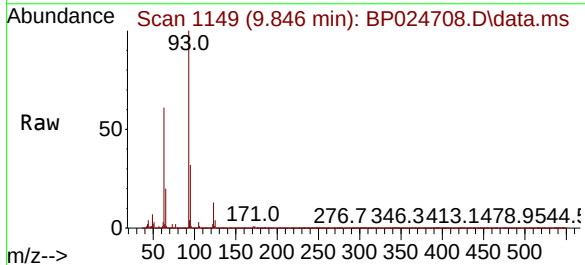
Manual Integrations
APPROVED

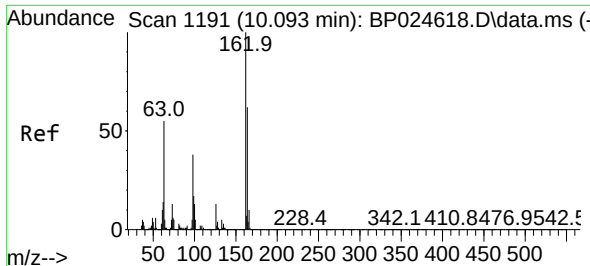
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.691 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

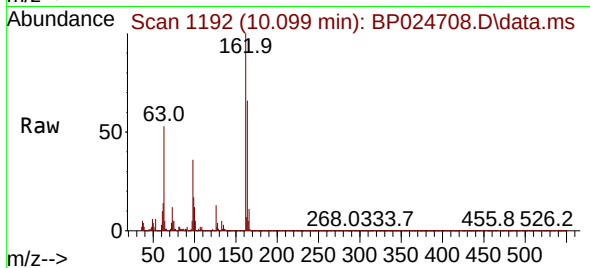
Tgt Ion: 93 Resp: 438080
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 12.6 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 47.224 ng
RT: 10.099 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

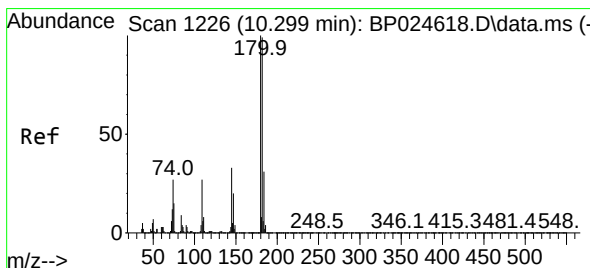
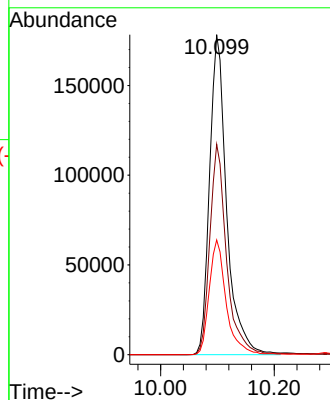
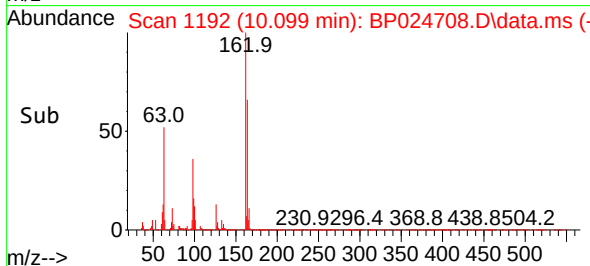
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



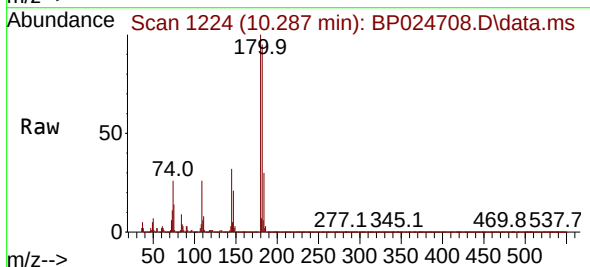
Tgt Ion:162 Resp: 37055
Ion Ratio Lower Upper
162 100
164 65.8 42.3 82.3
98 35.8 18.4 58.4

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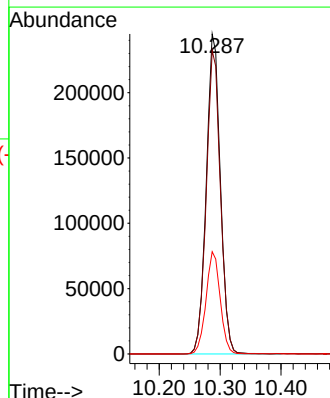
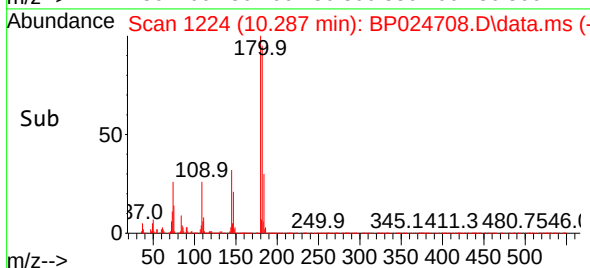
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

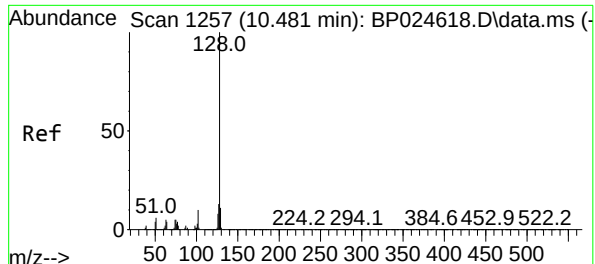


#30
1,2,4-Trichlorobenzene
Concen: 44.400 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



Tgt Ion:180 Resp: 392603
Ion Ratio Lower Upper
180 100
182 94.8 79.0 118.4
145 31.9 26.6 39.8





#31

Naphthalene

Concen: 42.522 ng

RT: 10.475 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

Tgt Ion:128 Resp: 1185760

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

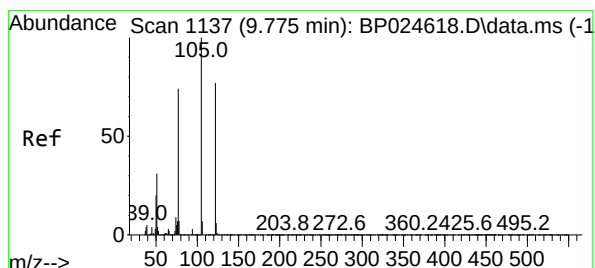
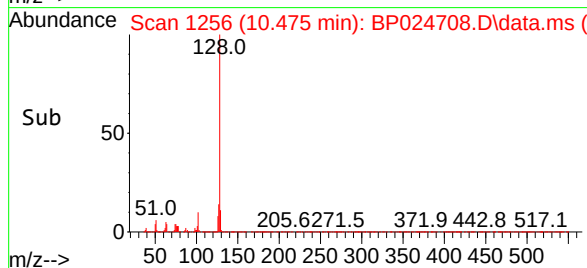
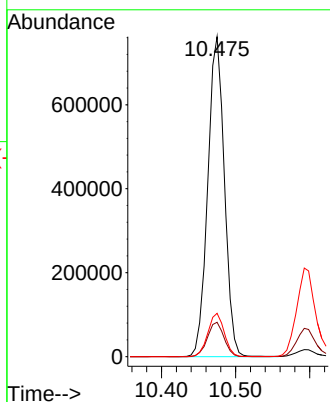
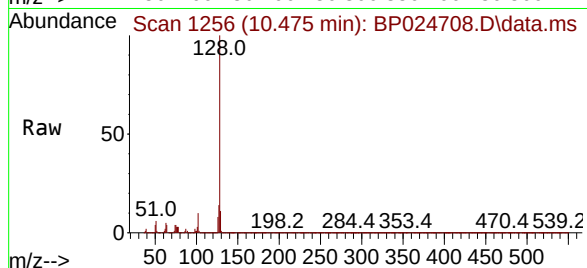
127 13.6 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/21/2025

Supervised By :Jagrut Upadhyay 05/21/2025



#32

Benzoic acid

Concen: 44.302 ng m

RT: 9.810 min Scan# 1143

Delta R.T. 0.035 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

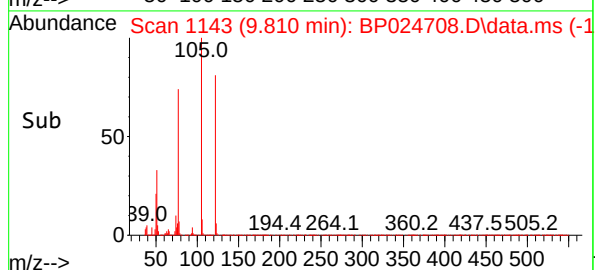
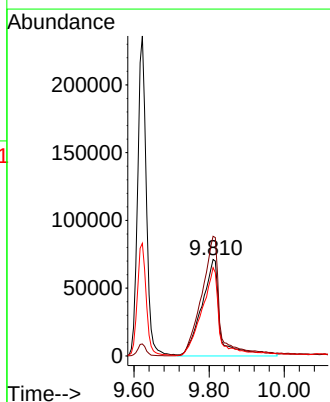
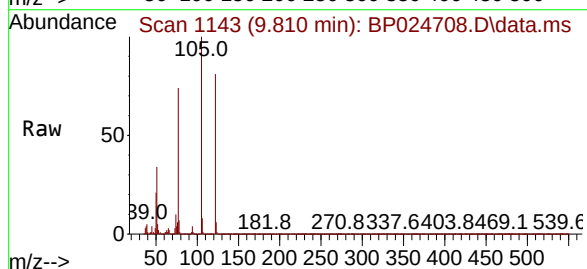
Tgt Ion:122 Resp: 245894

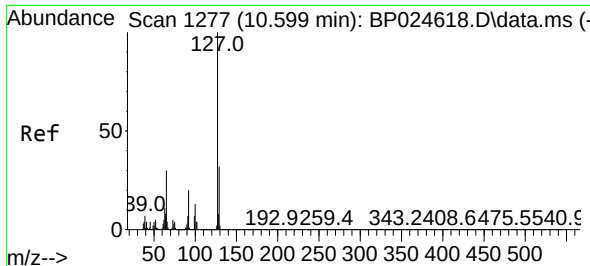
Ion Ratio Lower Upper

122 100

105 124.0 106.9 146.9

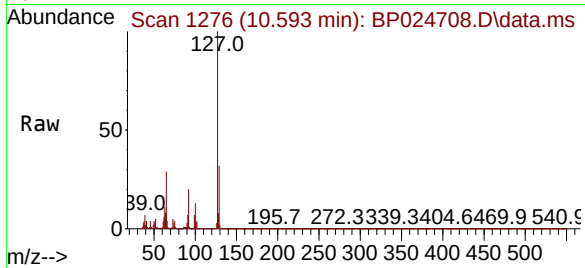
77 91.6 75.1 115.1





#33
4-Chloroaniline
Concen: 34.925 ng
RT: 10.593 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

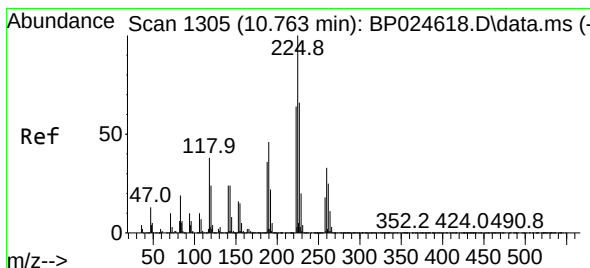
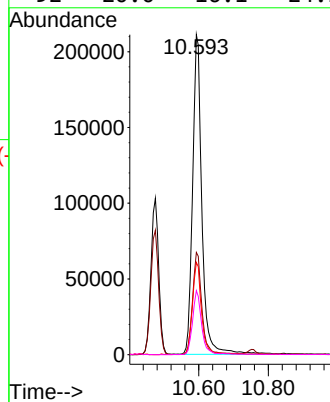
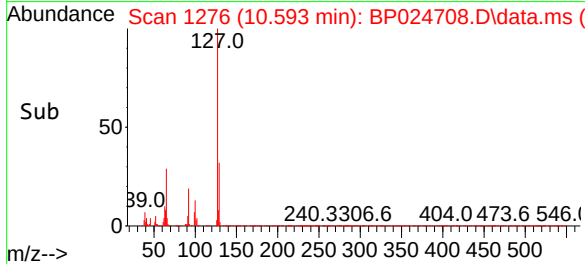
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:127 Resp: 393000
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.6
65 28.8 23.9 35.9
92 20.0 16.1 24.1

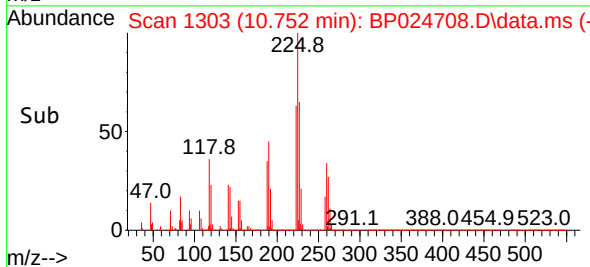
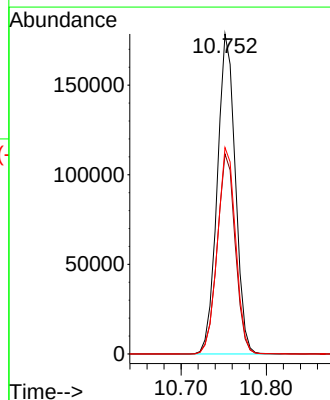
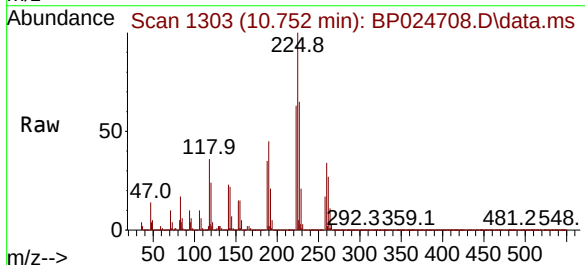
Manual Integrations
APPROVED

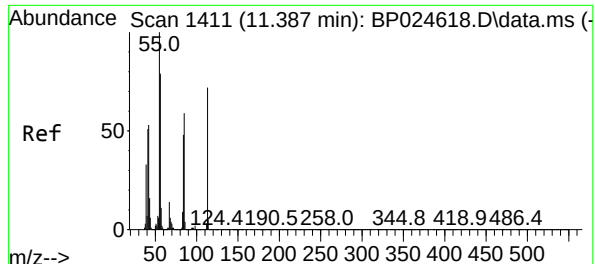
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#34
Hexachlorobutadiene
Concen: 45.836 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

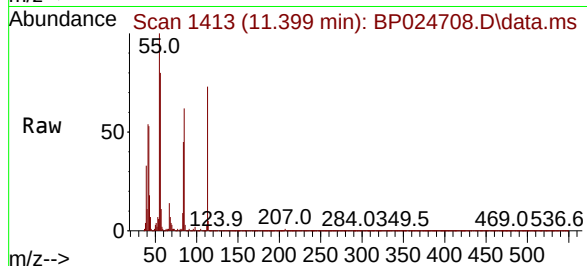
Tgt Ion:225 Resp: 262558
Ion Ratio Lower Upper
225 100
223 62.5 51.0 76.6
227 64.5 53.1 79.7





#35
Caprolactam
Concen: 43.305 ng
RT: 11.399 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

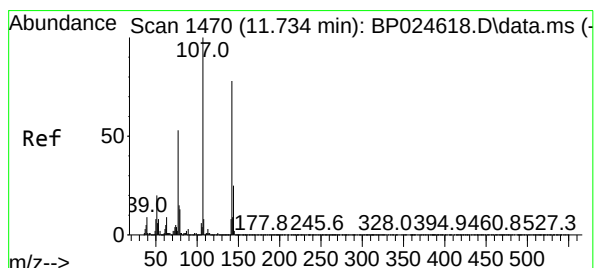
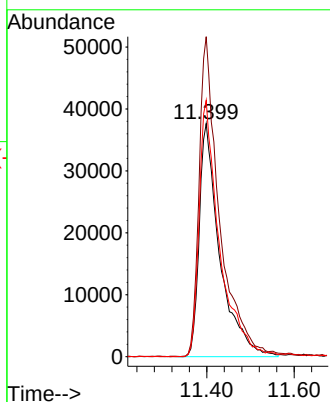
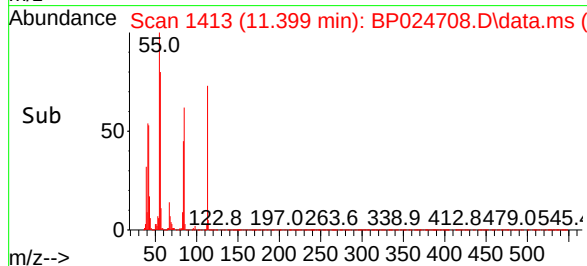
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



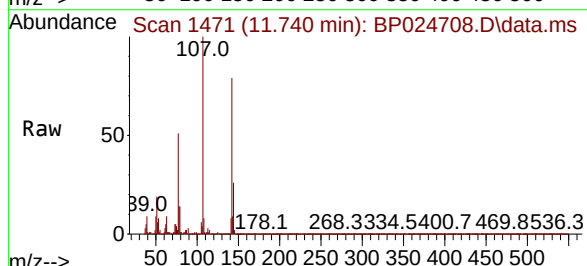
Tgt Ion:113 Resp: 122940
Ion Ratio Lower Upper
113 100
55 137.2 119.0 159.0
56 109.9 90.3 130.3

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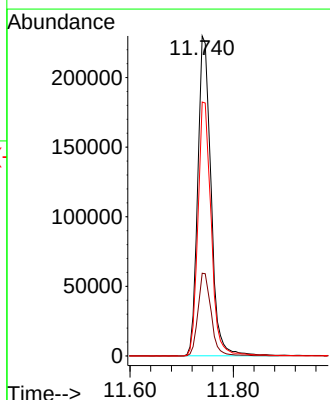
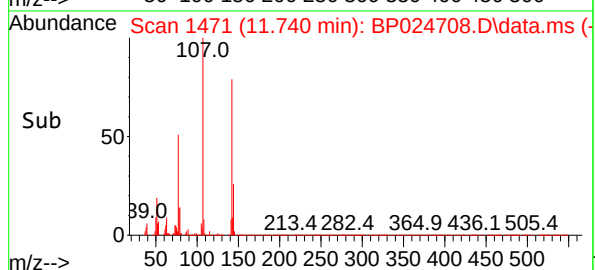
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

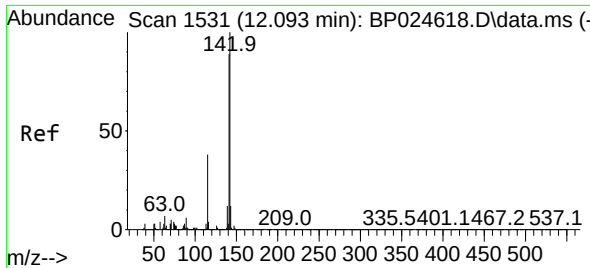


#36
4-Chloro-3-methylphenol
Concen: 42.794 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



Tgt Ion:107 Resp: 409493
Ion Ratio Lower Upper
107 100
144 25.9 20.1 30.1
142 79.3 62.1 93.1





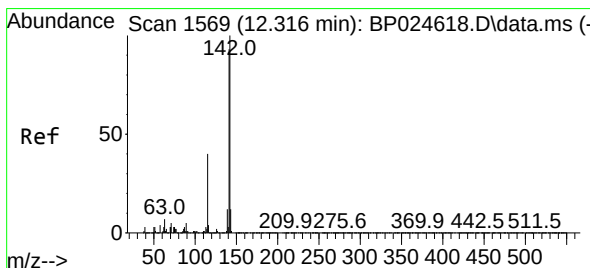
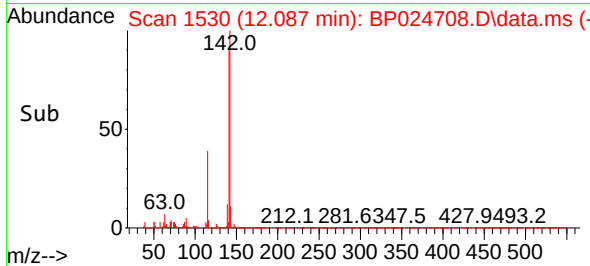
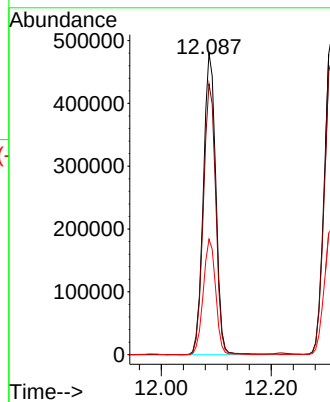
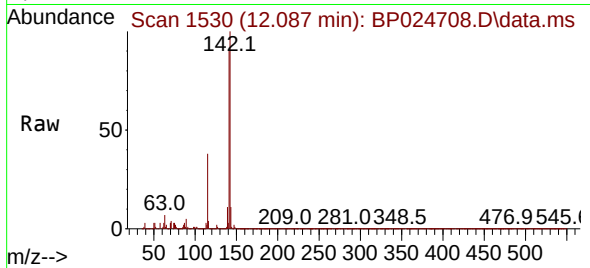
#37
2-Methylnaphthalene
Concen: 41.862 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Tgt Ion:142 Resp: 755884
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 38.3 30.6 46.0

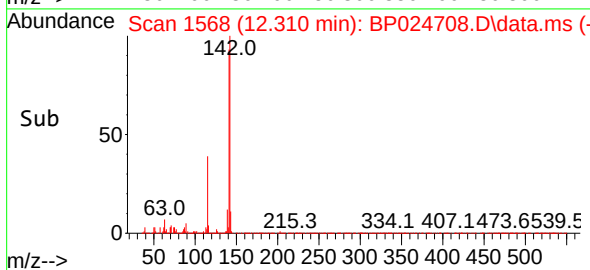
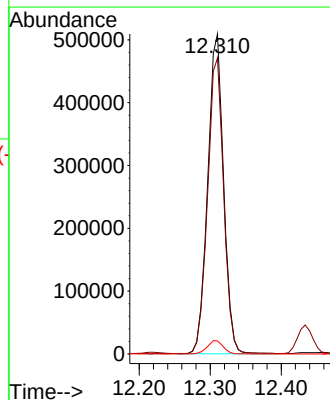
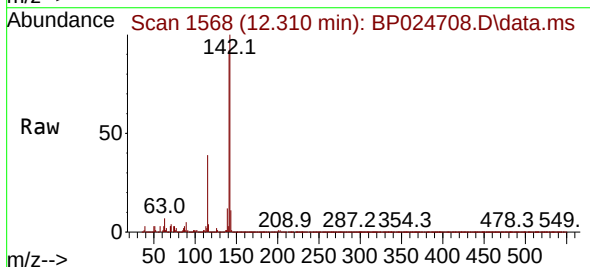
Manual Integrations
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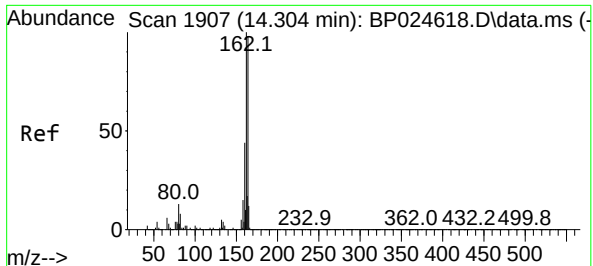
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#38
1-Methylnaphthalene
Concen: 41.005 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

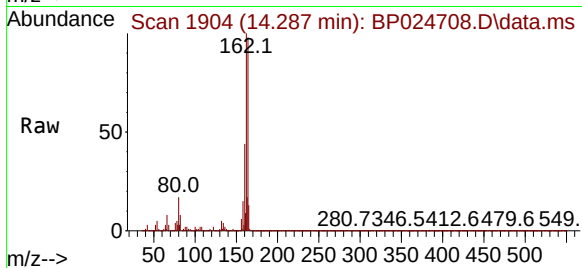
Tgt Ion:142 Resp: 792211
Ion Ratio Lower Upper
142 100
141 92.5 74.7 112.1
116 4.1 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

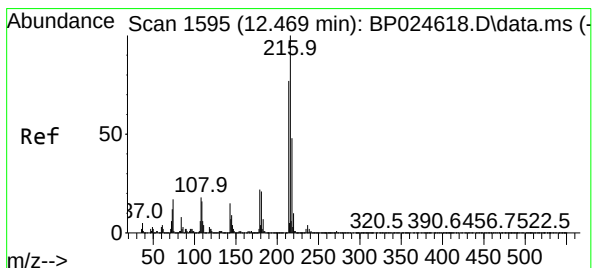
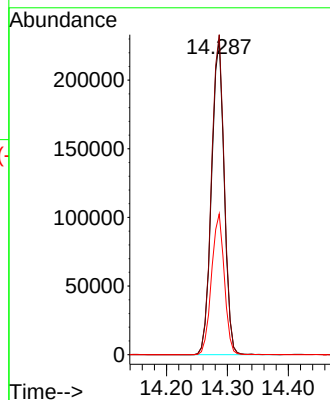
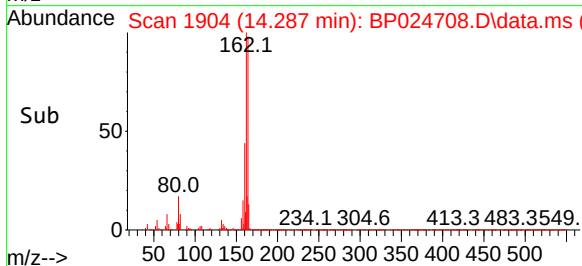
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



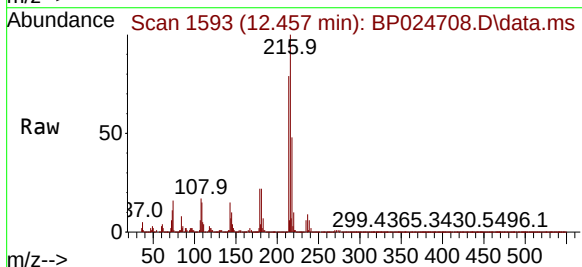
Tgt Ion:164 Resp: 329718
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.6
160 44.7 36.3 54.5

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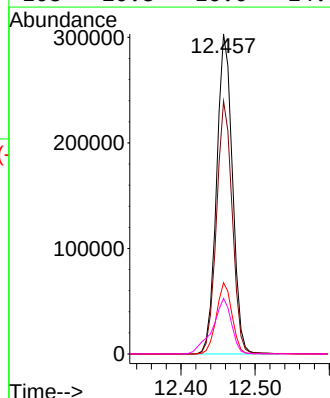
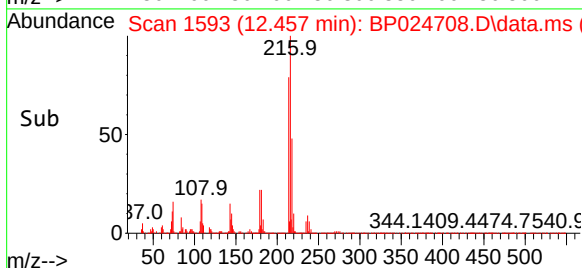
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

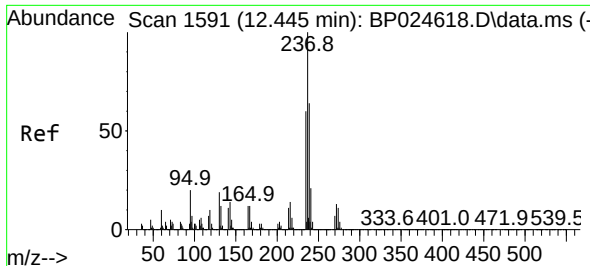


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.016 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



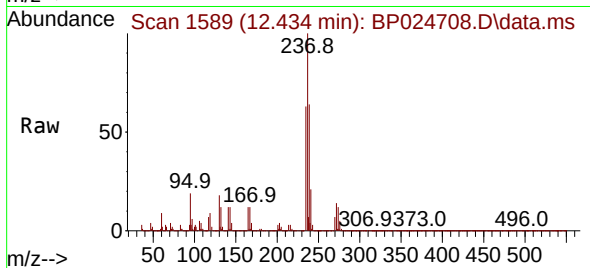
Tgt Ion:216 Resp: 450159
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 22.0 17.7 26.5
108 20.8 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 99.710 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

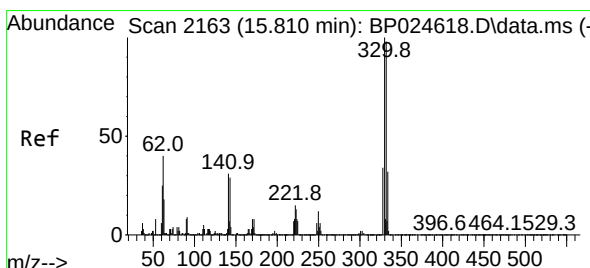
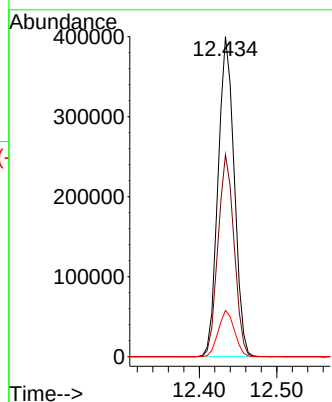
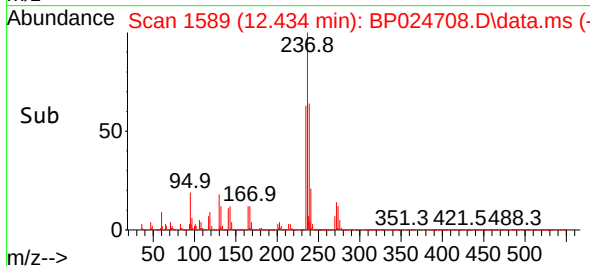
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion: 237 Resp: 578889
Ion Ratio Lower Upper
237 100
235 63.2 39.9 79.9
272 14.4 0.0 33.2

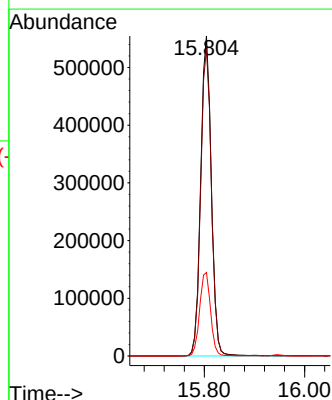
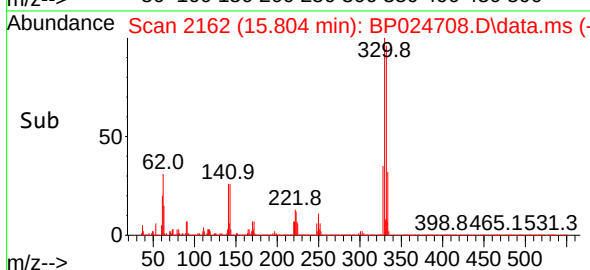
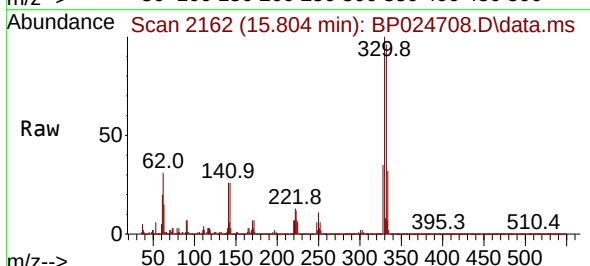
Manual Integrations
APPROVED

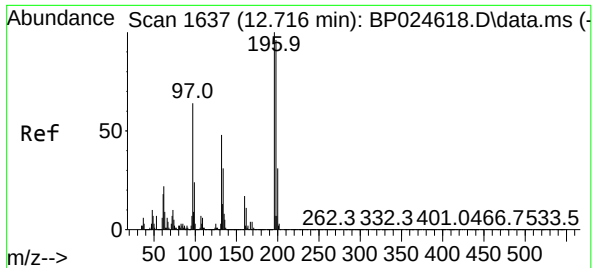
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#42
2,4,6-Tribromophenol
Concen: 146.094 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

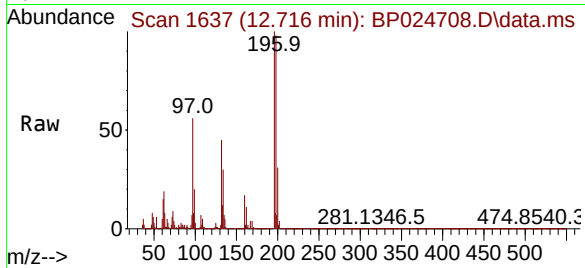
Tgt Ion: 330 Resp: 816620
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 26.8 24.3 36.5





#43
2,4,6-Trichlorophenol
Concen: 49.774 ng
RT: 12.716 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

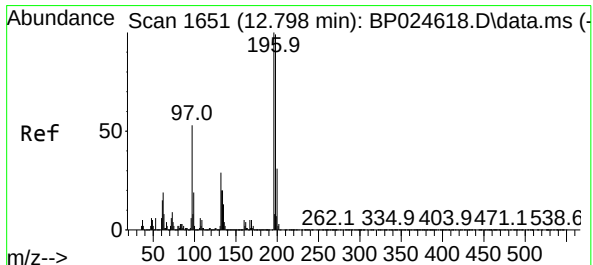
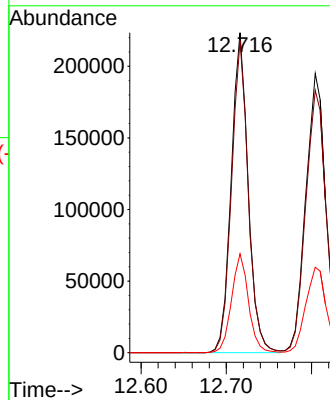
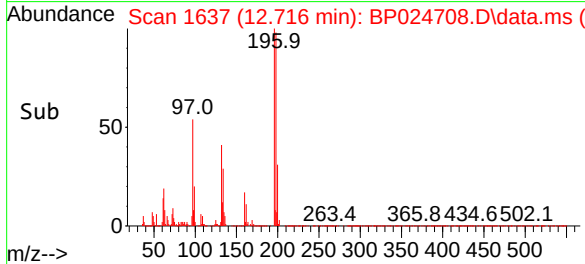
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



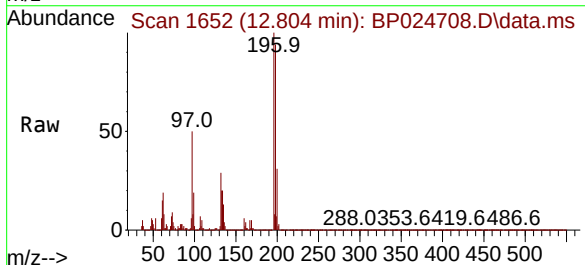
Tgt Ion:196 Resp: 308678
Ion Ratio Lower Upper
196 100
198 97.6 76.9 115.3
200 30.9 25.2 37.8

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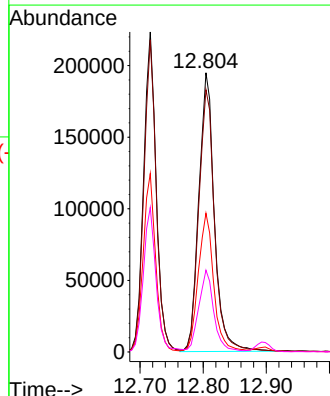
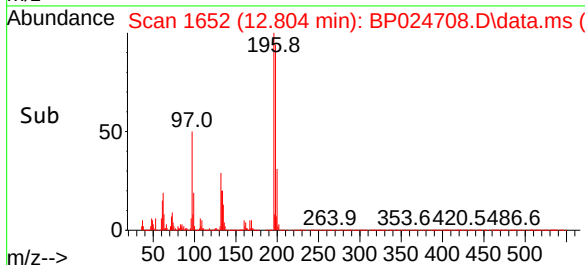
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

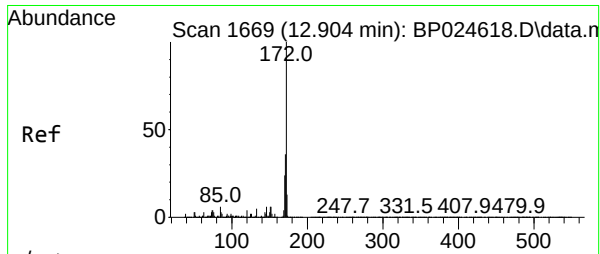


#44
2,4,5-Trichlorophenol
Concen: 48.366 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



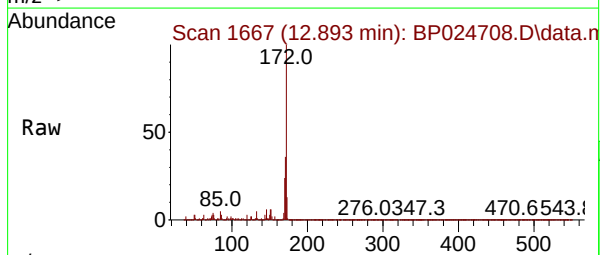
Tgt Ion:196 Resp: 333877
Ion Ratio Lower Upper
196 100
198 93.9 79.2 118.8
97 49.7 42.3 63.5
132 29.3 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 78.074 ng
RT: 12.893 min Scan# 172
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

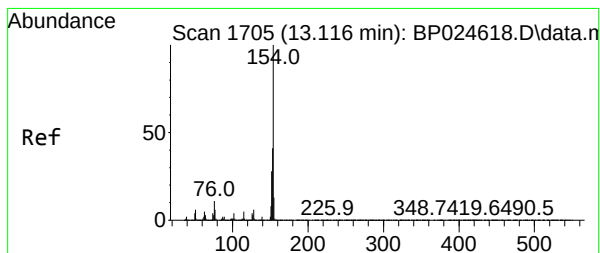
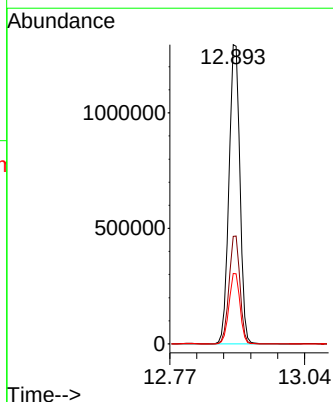
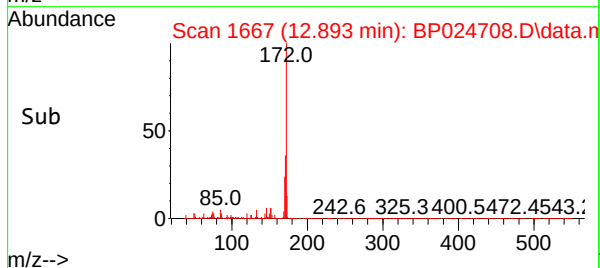
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:172 Resp: 196488
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.5 18.8 28.2

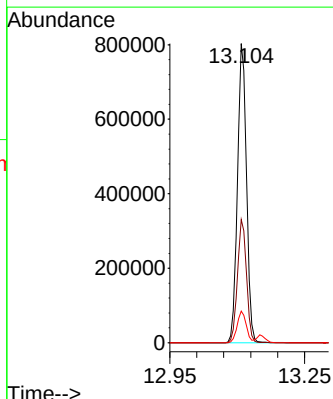
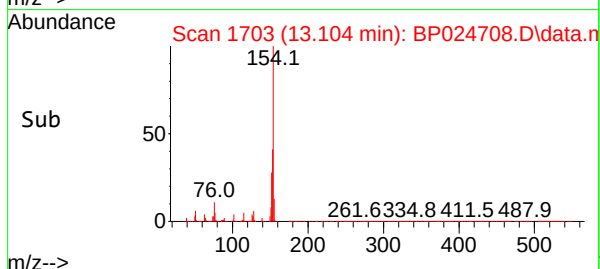
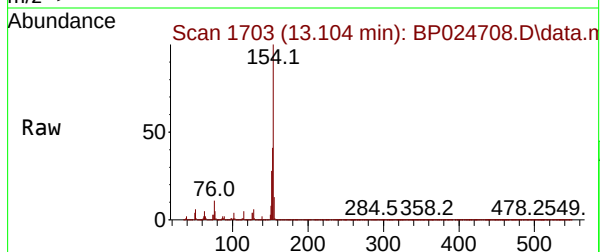
Manual Integrations
APPROVED

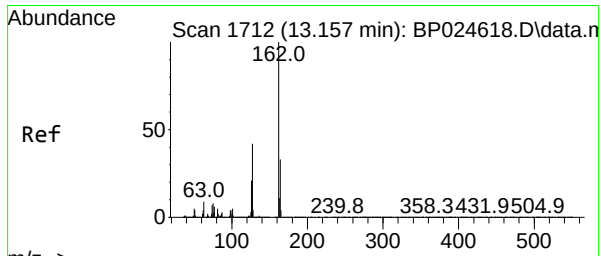
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#46
1,1'-Biphenyl
Concen: 45.948 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

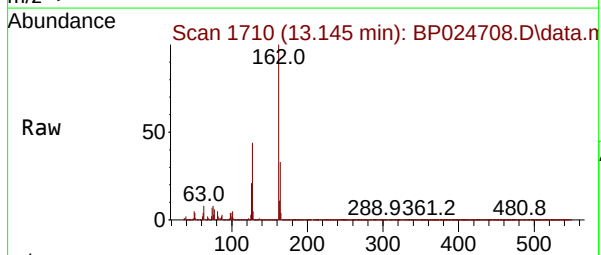
Tgt Ion:154 Resp: 1119732
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 10.6 0.0 31.5





#47
2-Chloronaphthalene
Concen: 46.157 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

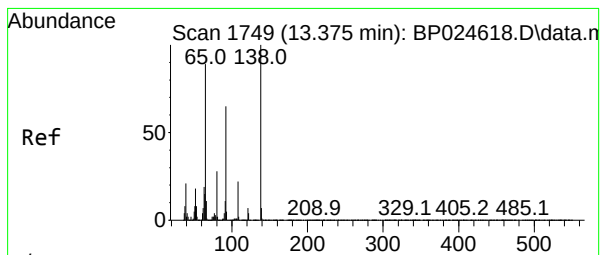
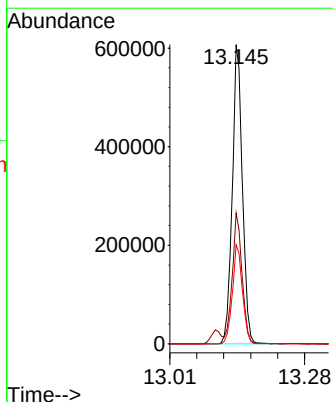
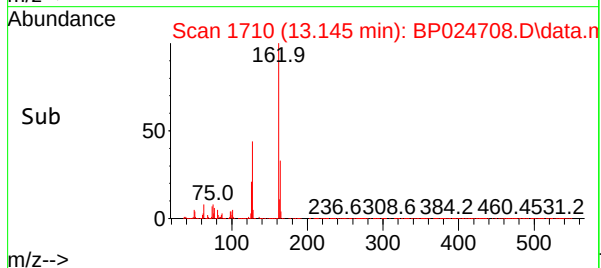
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion: 162 Resp: 85765
Ion Ratio Lower Upper
162 100
127 43.8 33.8 50.6
164 33.2 26.0 39.6

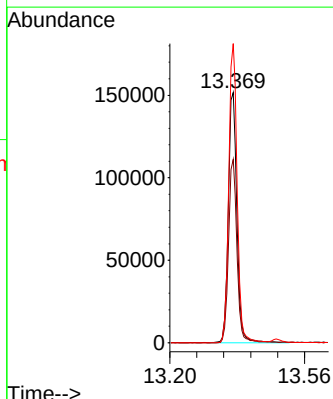
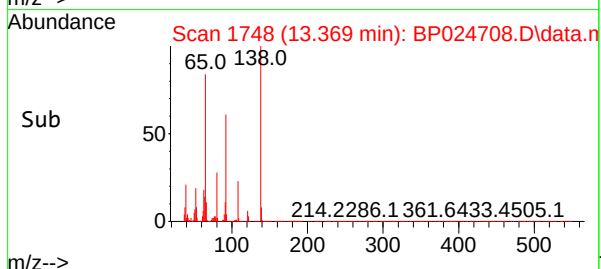
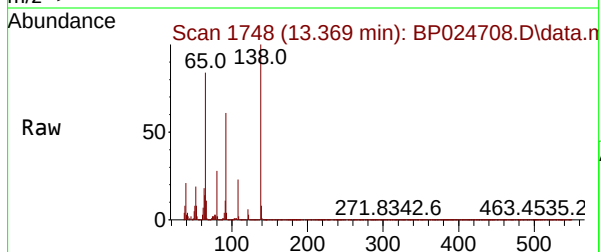
Manual Integrations
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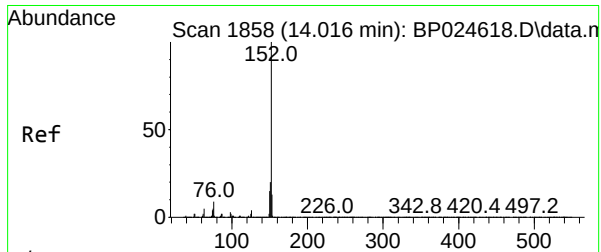
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#48
2-Nitroaniline
Concen: 45.061 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

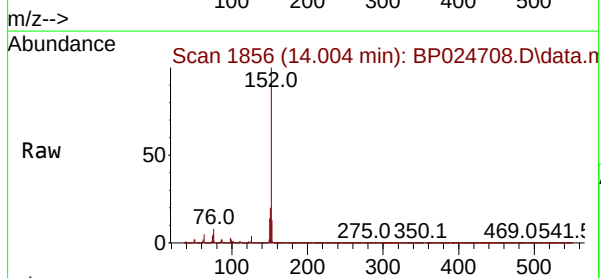
Tgt Ion: 65 Resp: 247888
Ion Ratio Lower Upper
65 100
92 73.3 58.7 88.1
138 119.6 90.2 135.2





#49
Acenaphthylene
Concen: 43.666 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

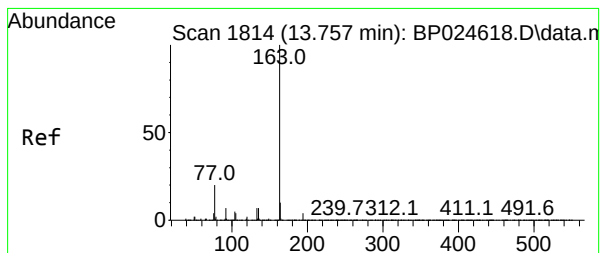
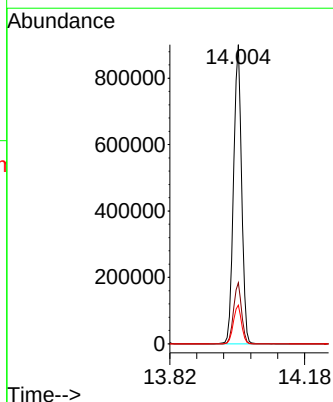
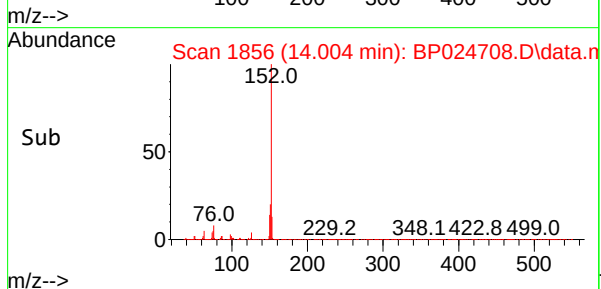
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:152 Resp: 135782
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.0 10.2 15.4

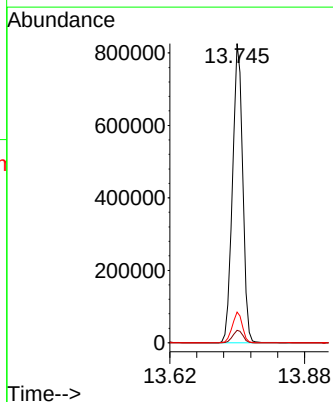
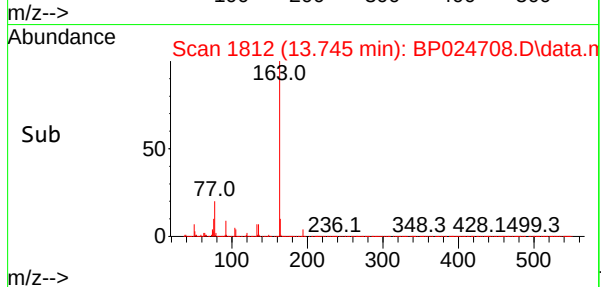
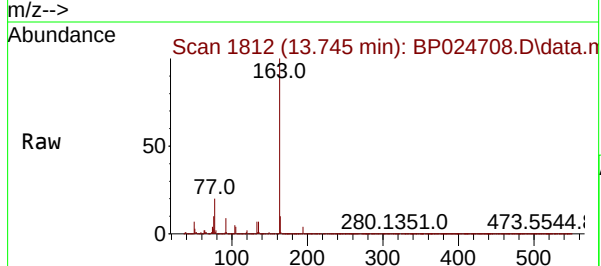
Manual Integrations
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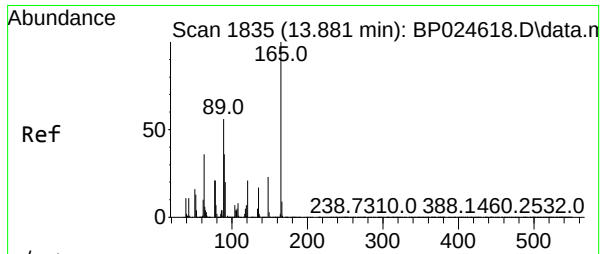
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#50
Dimethylphthalate
Concen: 44.835 ng
RT: 13.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

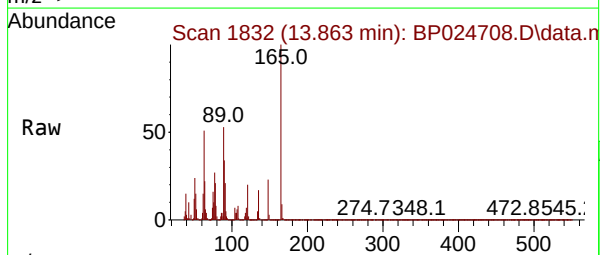
Tgt Ion:163 Resp: 1126770
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.757 ng
RT: 13.863 min Scan# 1835
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

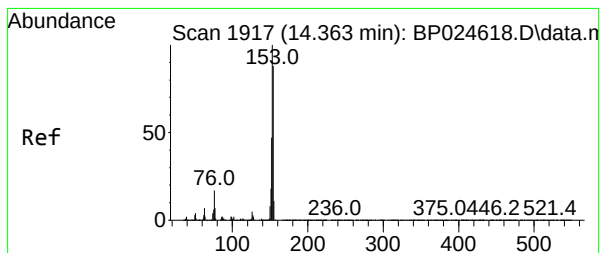
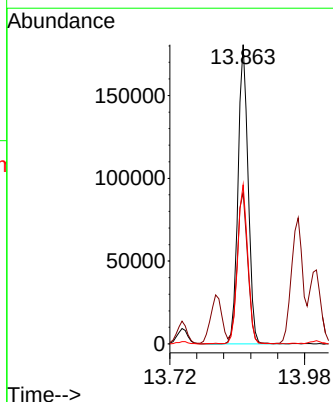
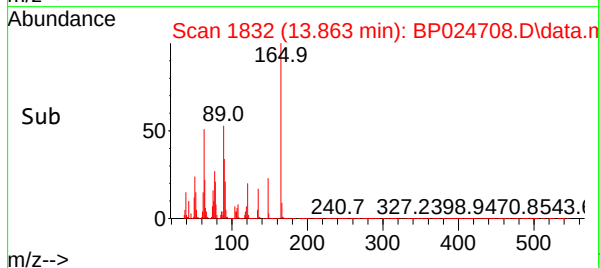
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:165 Resp: 24285
Ion Ratio Lower Upper
165 100
63 50.6 42.4 63.6
89 53.2 44.8 67.2

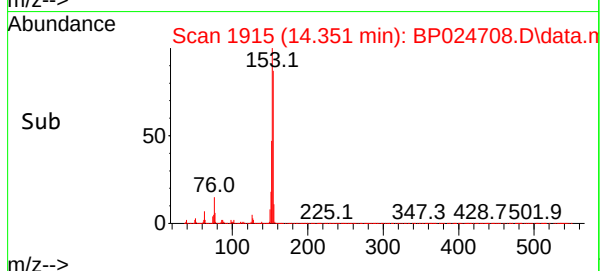
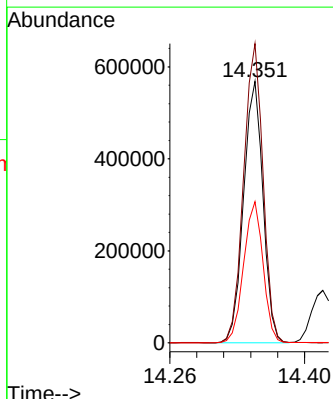
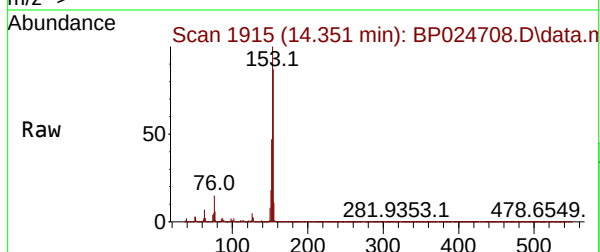
Manual Integrations
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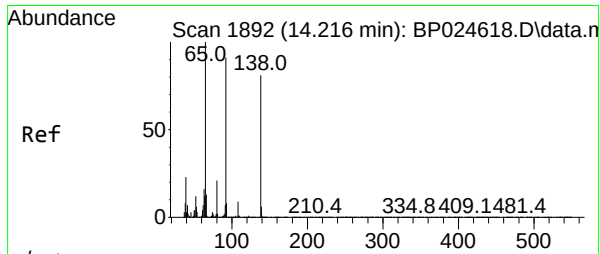
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#52
Acenaphthene
Concen: 44.519 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

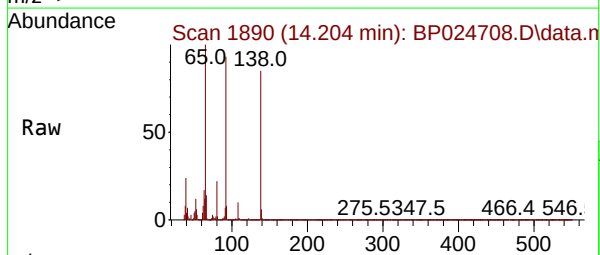
Tgt Ion:154 Resp: 795831
Ion Ratio Lower Upper
154 100
153 114.5 91.0 136.4
152 54.0 42.9 64.3





#53
3-Nitroaniline
Concen: 37.085 ng
RT: 14.204 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

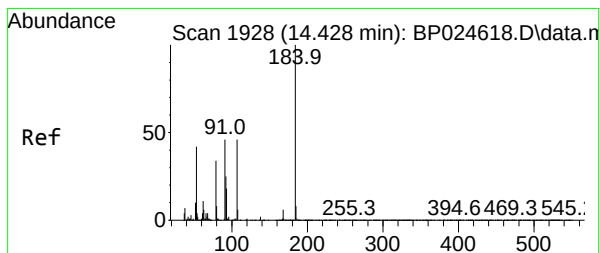
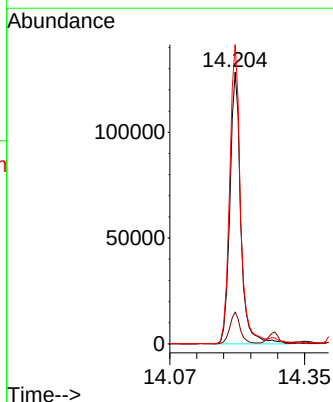
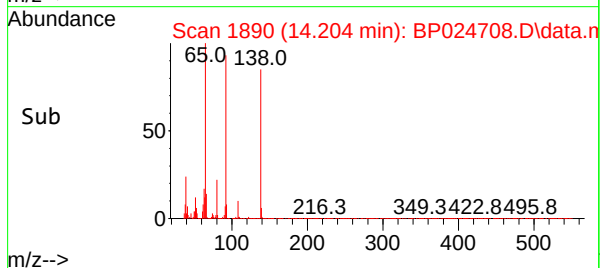
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:138 Resp: 20098
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 110.2 90.1 135.1

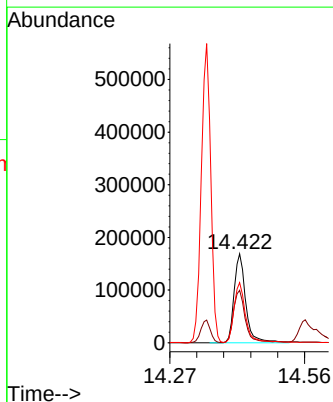
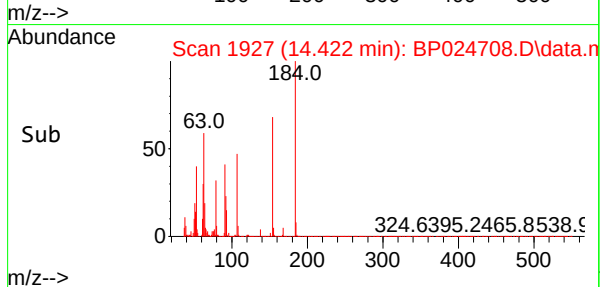
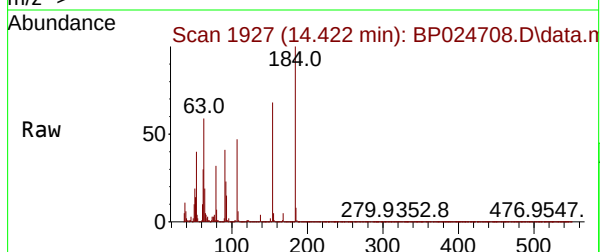
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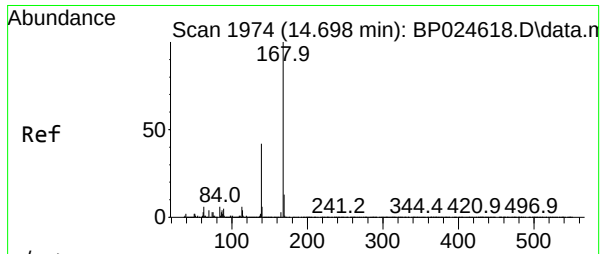
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#54
2,4-Dinitrophenol
Concen: 86.708 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

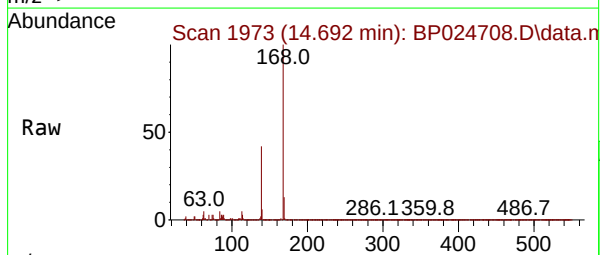
Tgt Ion:184 Resp: 292154
Ion Ratio Lower Upper
184 100
63 59.0 51.3 76.9
154 67.5 53.5 80.3





#55
Dibenzenofuran
Concen: 43.677 ng
RT: 14.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

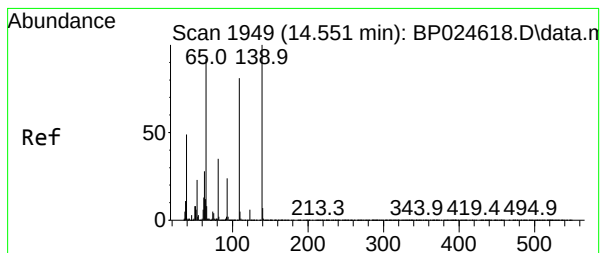
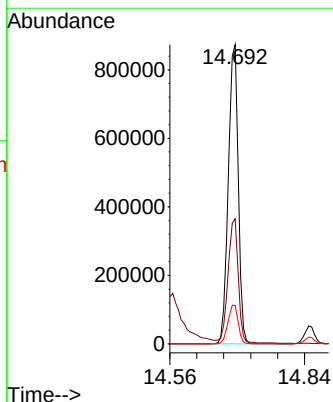
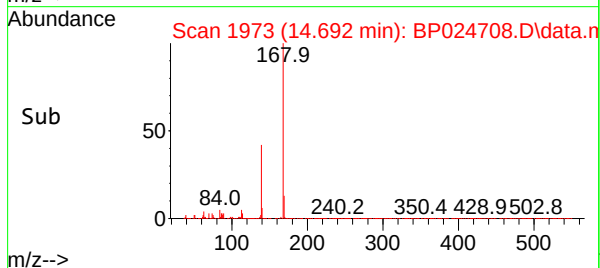
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:168 Resp: 124538
Ion Ratio Lower Upper
168 100
139 41.8 34.2 51.4
169 12.8 10.8 16.2

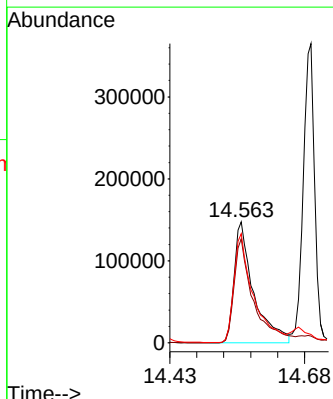
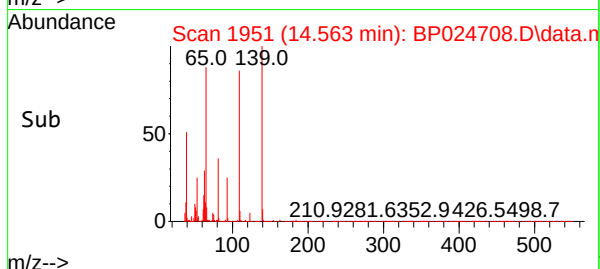
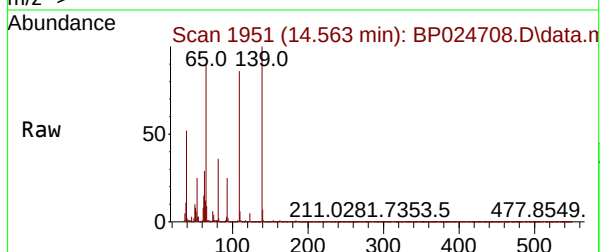
Manual Integrations
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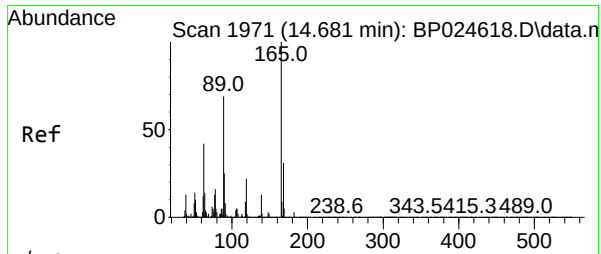
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#56
4-Nitrophenol
Concen: 78.370 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

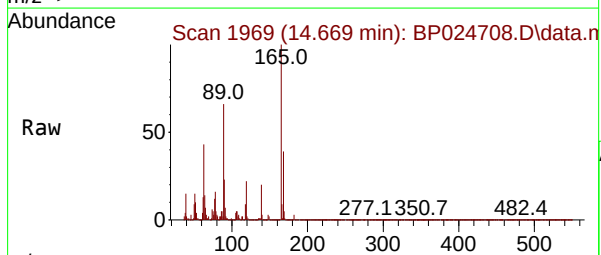
Tgt Ion:139 Resp: 367273
Ion Ratio Lower Upper
139 100
109 85.9 61.4 101.4
65 90.2 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 45.895 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

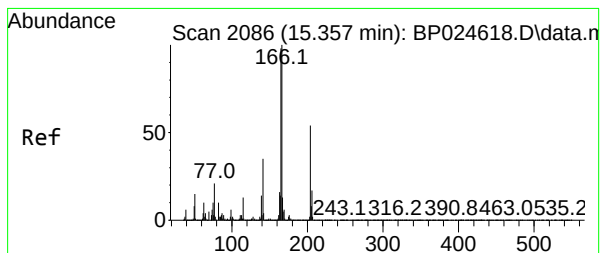
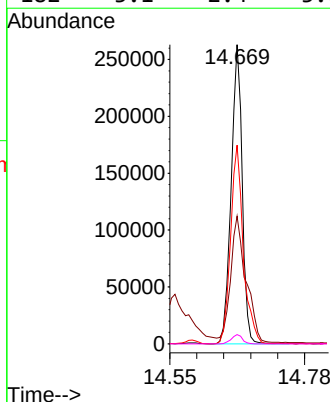
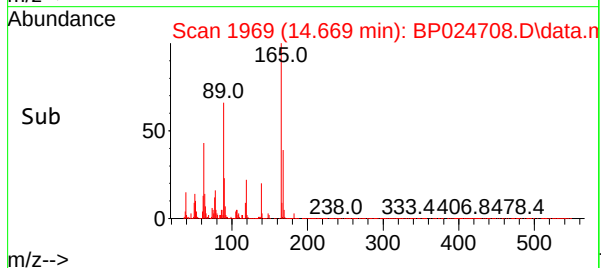
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:165 Resp: 34341
Ion Ratio Lower Upper
165 100
63 42.7 33.8 50.6
89 66.5 55.6 83.4
182 3.1 2.4 3.6

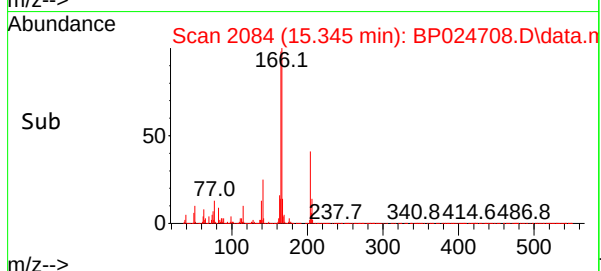
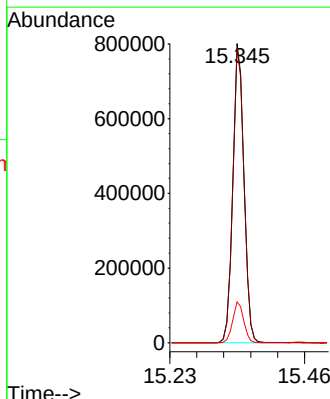
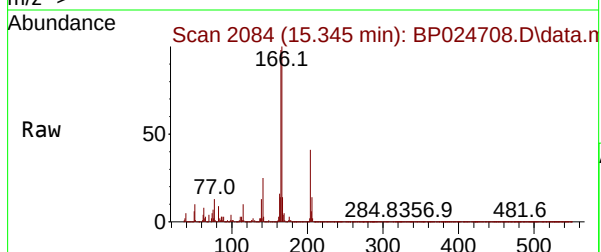
Manual Integrations
APPROVED

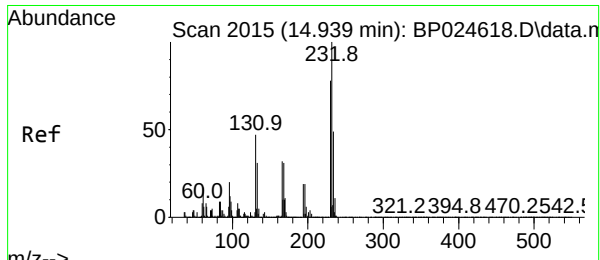
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#58
Fluorene
Concen: 45.608 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

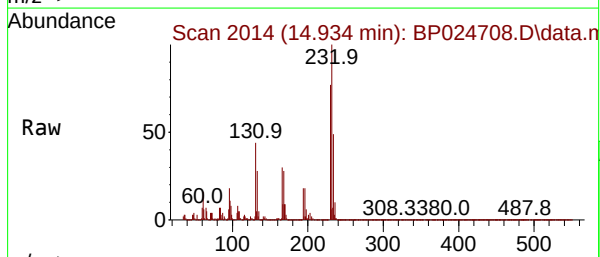
Tgt Ion:166 Resp: 1060372
Ion Ratio Lower Upper
166 100
165 98.4 78.5 117.7
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.983 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

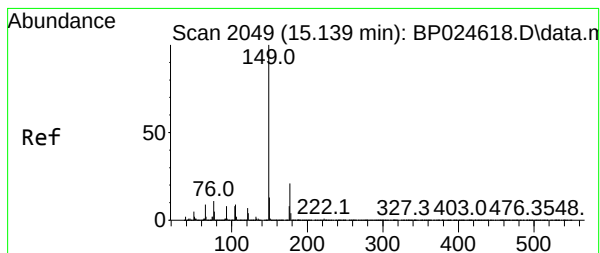
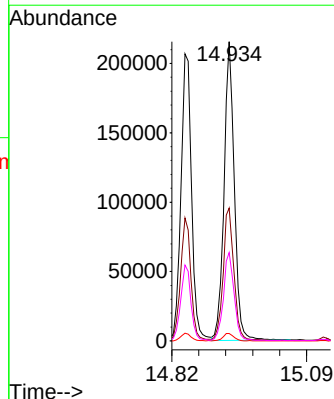
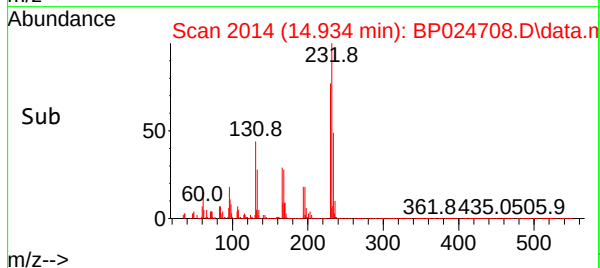
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:232 Resp: 30727
Ion Ratio Lower Upper
232 100
131 47.1 39.5 59.3
130 2.6 2.2 3.4
166 30.7 25.7 38.5

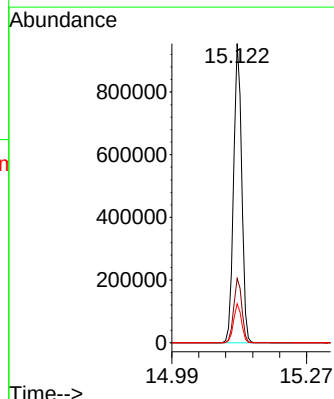
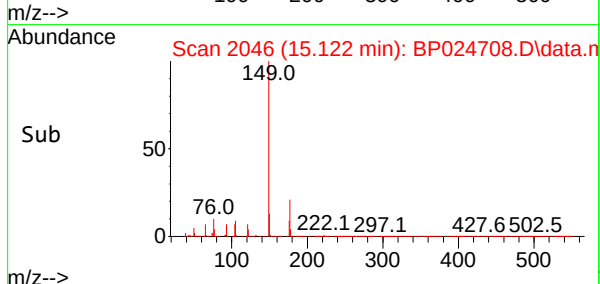
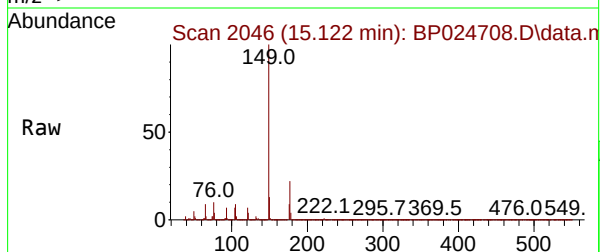
Manual Integrations
APPROVED

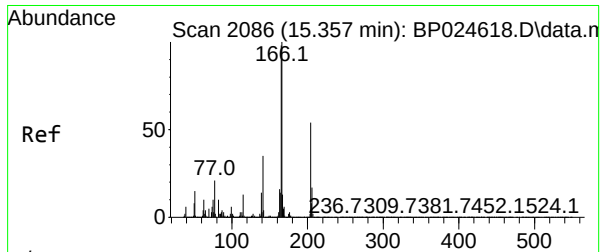
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#60
Diethylphthalate
Concen: 44.119 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

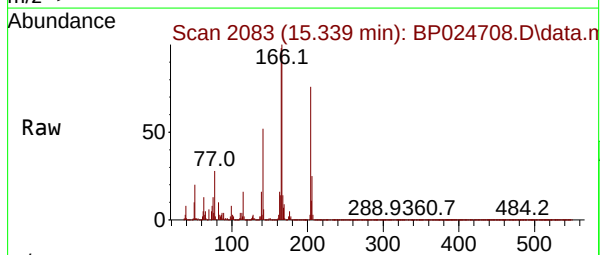
Tgt Ion:149 Resp: 1120632
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.439 ng
RT: 15.339 min Scan# 2086
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

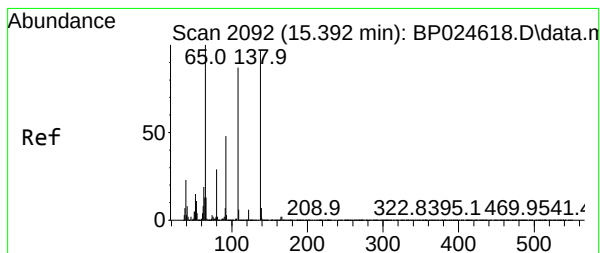
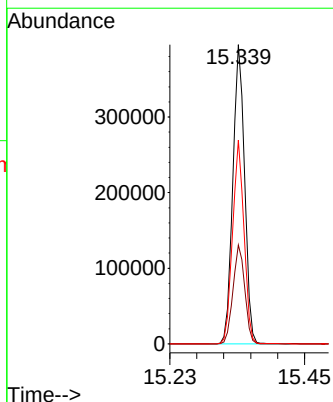
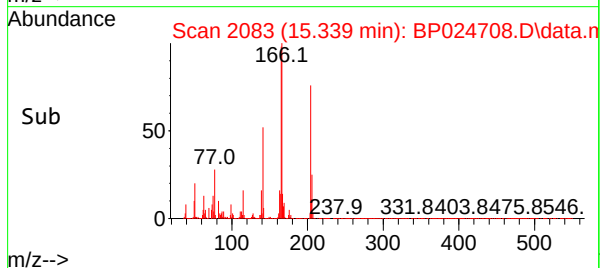
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion: 204 Resp: 52685
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 68.1 52.9 79.3

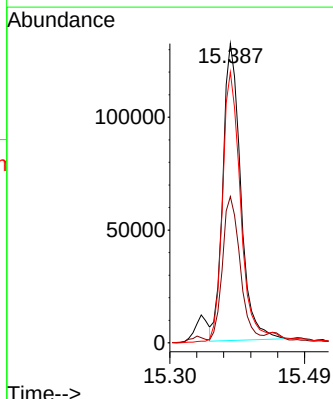
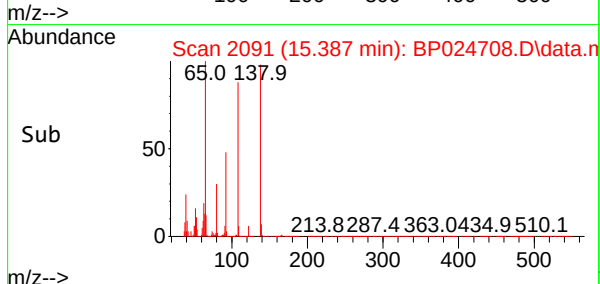
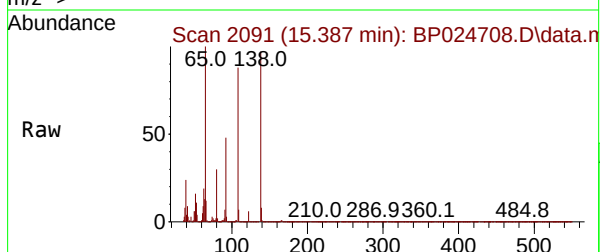
Manual Integrations
APPROVED

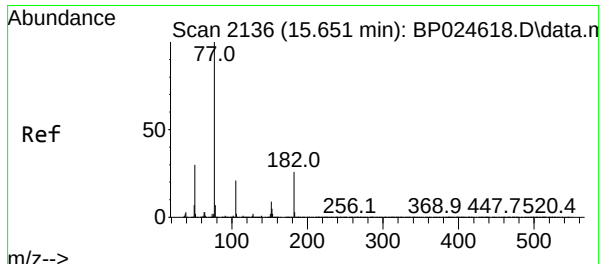
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#62
4-Nitroaniline
Concen: 43.760 ng
RT: 15.387 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

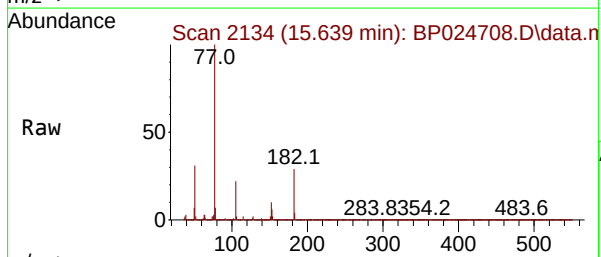
Tgt Ion: 138 Resp: 228988
Ion Ratio Lower Upper
138 100
92 48.9 29.2 69.2
108 90.5 69.0 109.0





#63
Azobenzene
Concen: 42.749 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

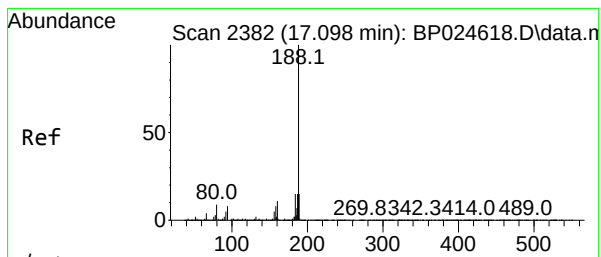
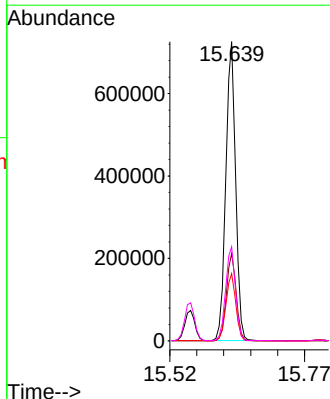
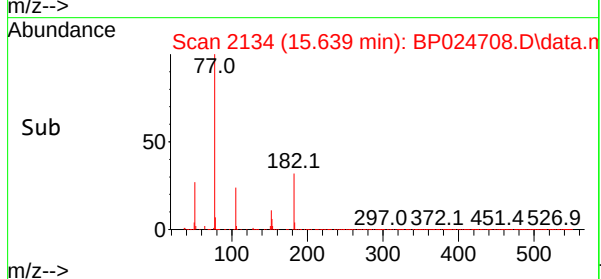
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion: 77 Resp: 92896
Ion Ratio Lower Upper
77 100
182 29.2 5.7 45.7
105 22.5 1.3 41.3
51 31.5 10.6 50.6

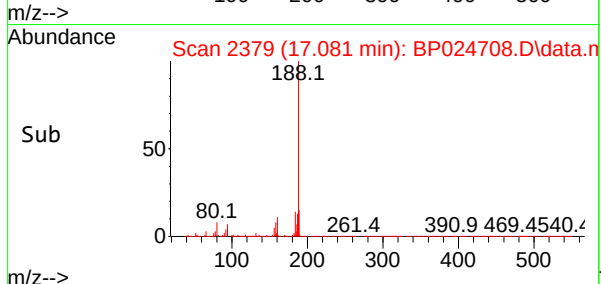
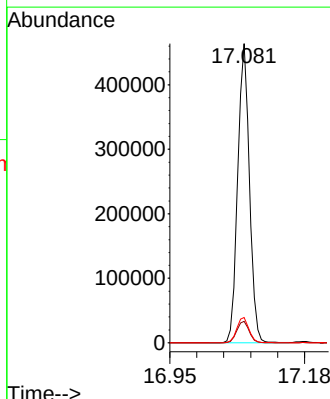
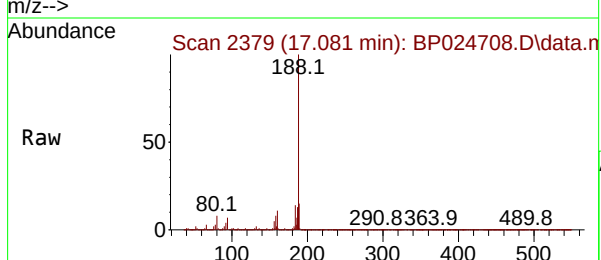
Manual Integrations
APPROVED

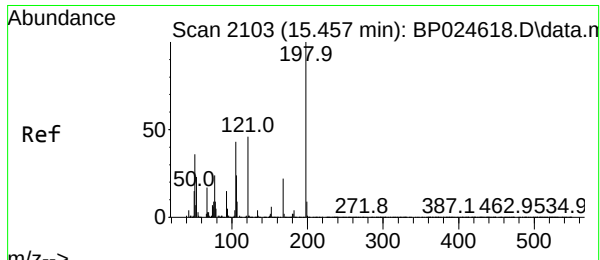
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

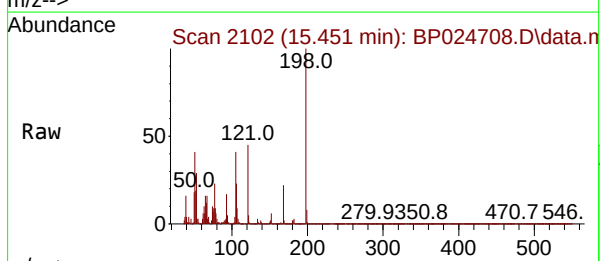
Tgt Ion:188 Resp: 642991
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.5 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 49.028 ng
RT: 15.451 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

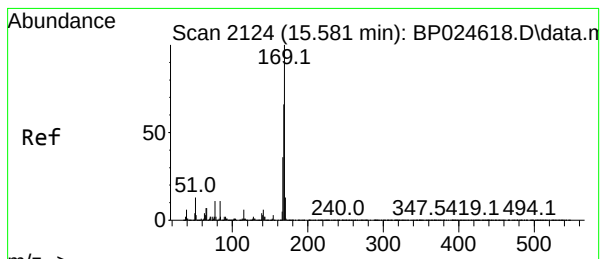
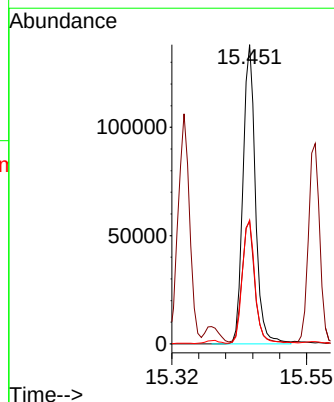
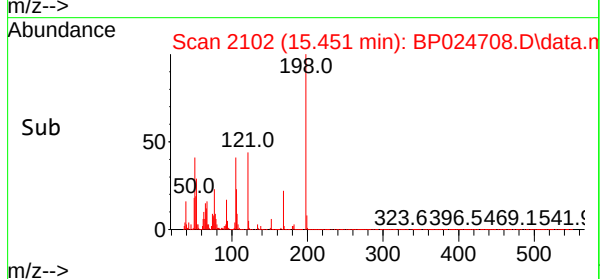
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:198 Resp: 20362
Ion Ratio Lower Upper
198 100
51 41.0 21.1 61.1
105 41.4 23.6 63.6

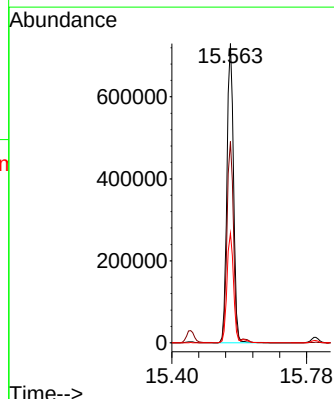
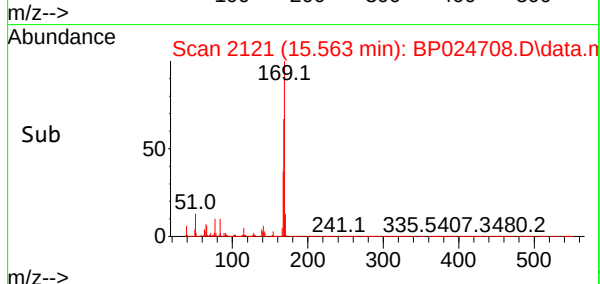
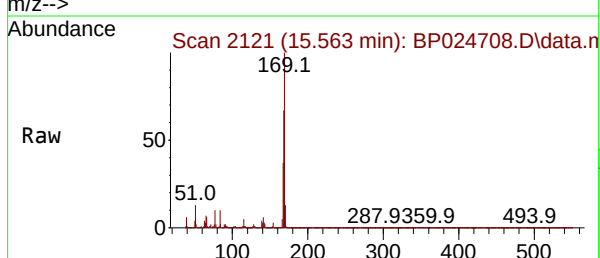
Manual Integrations
APPROVED

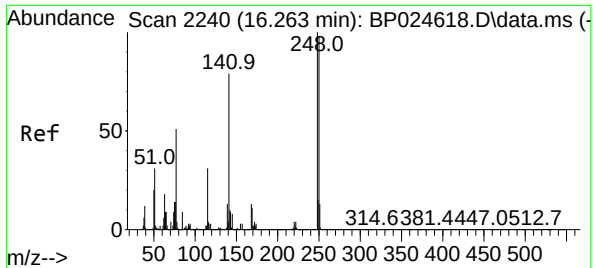
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#66
n-Nitrosodiphenylamine
Concen: 47.509 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

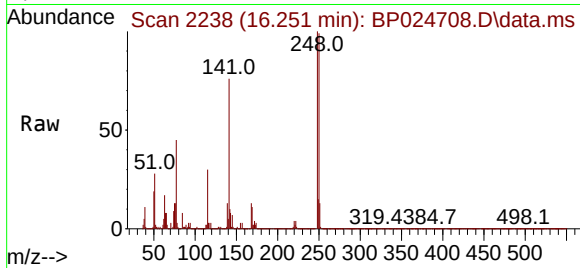
Tgt Ion:169 Resp: 938311
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.6 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 48.013 ng
RT: 16.251 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

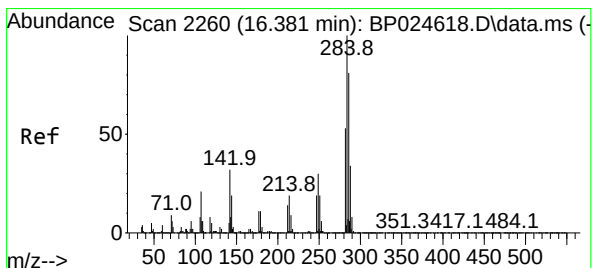
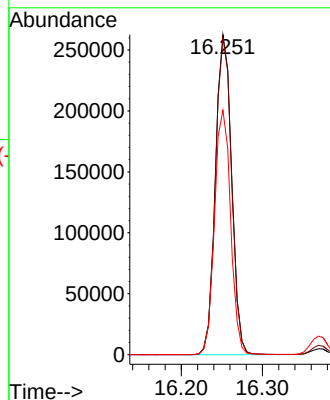
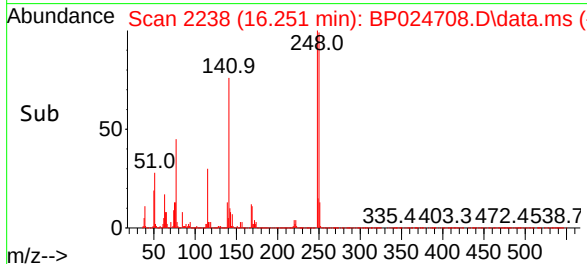
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



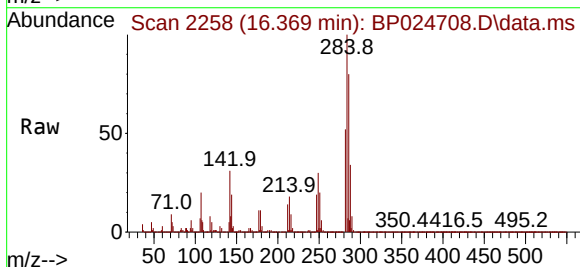
Tgt Ion:248 Resp: 363780
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.4
141 76.4 63.0 94.6

Manual Integrations
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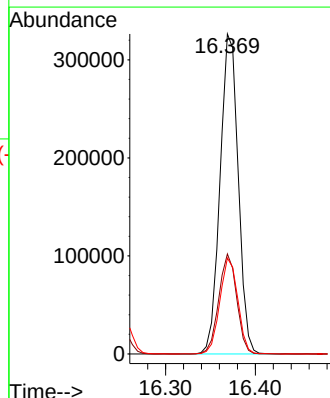
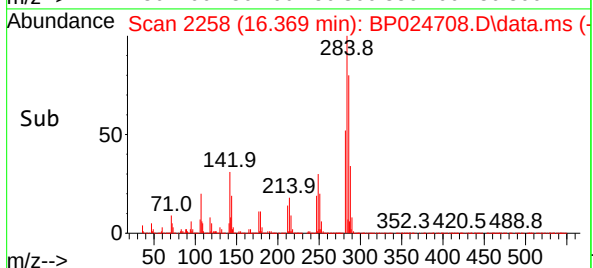
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

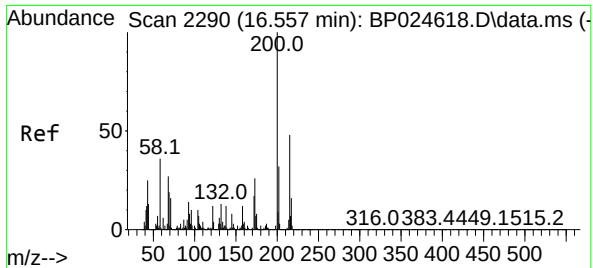


#68
Hexachlorobenzene
Concen: 47.591 ng
RT: 16.369 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



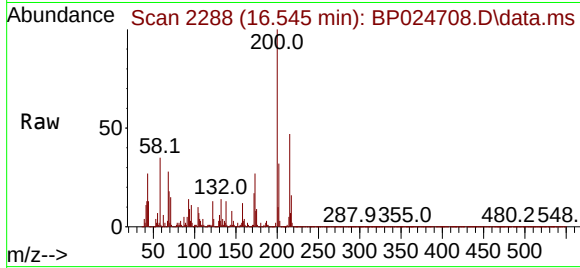
Tgt Ion:284 Resp: 458184
Ion Ratio Lower Upper
284 100
142 31.3 25.9 38.9
249 29.9 24.1 36.1





#69
Atrazine
Concen: 47.570 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

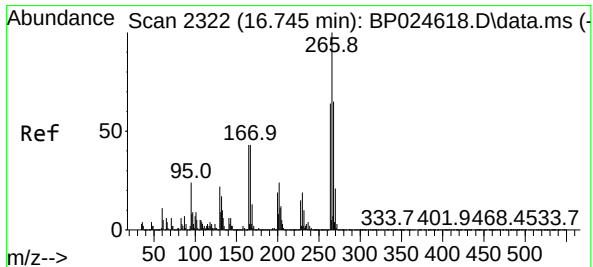
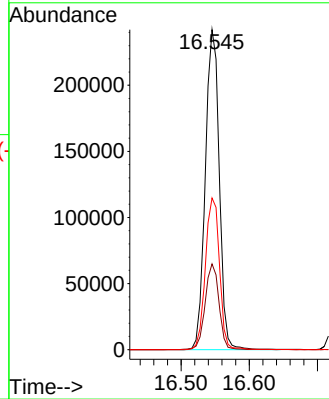
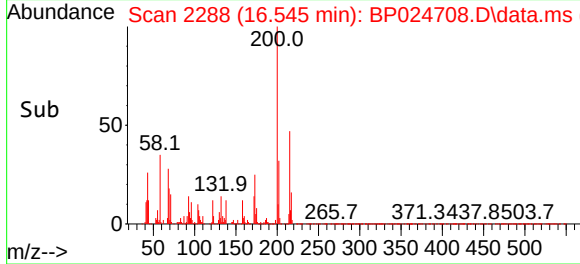
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:200 Resp: 344300
Ion Ratio Lower Upper
200 100
173 26.8 5.9 45.9
215 47.4 28.3 68.3

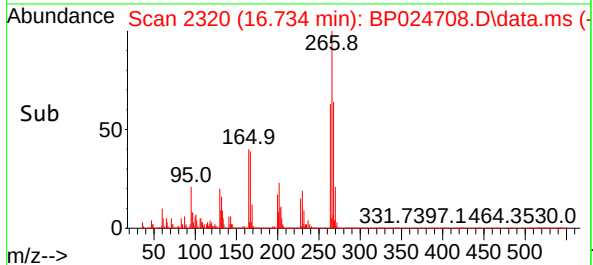
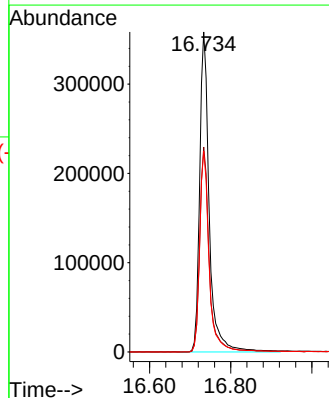
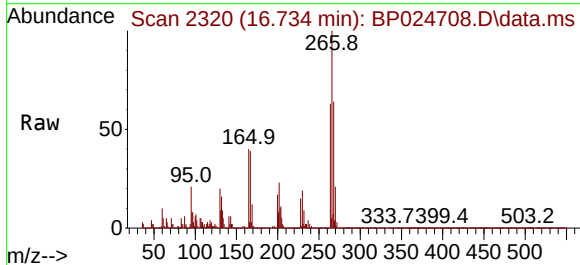
Manual Integrations
APPROVED

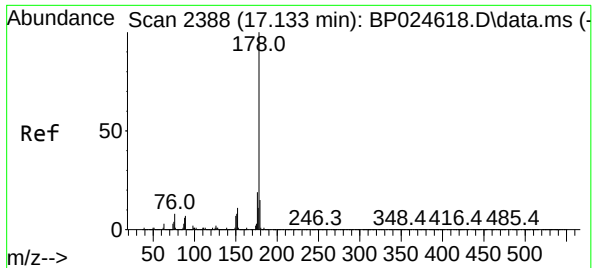
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#70
Pentachlorophenol
Concen: 109.332 ng
RT: 16.734 min Scan# 2320
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:266 Resp: 590870
Ion Ratio Lower Upper
266 100
268 64.1 52.2 78.4
264 62.8 51.1 76.7





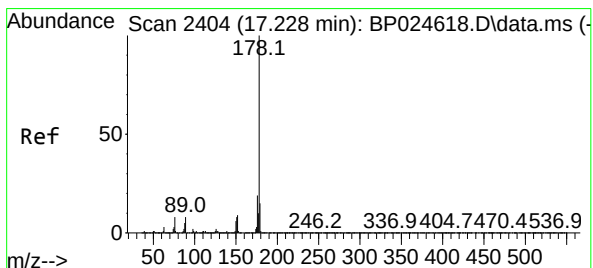
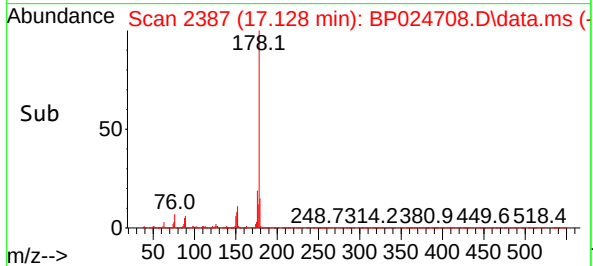
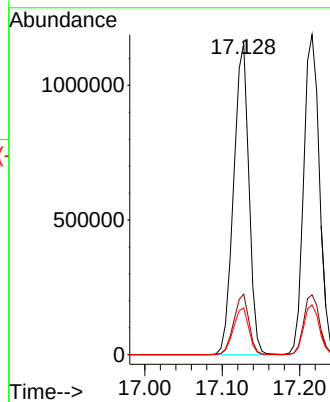
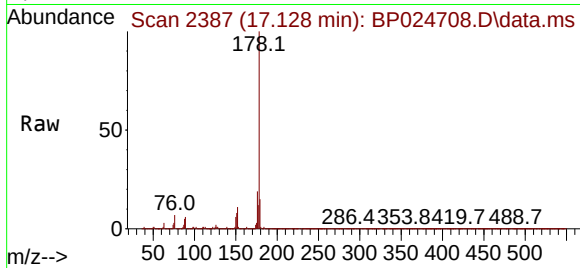
#71
Phenanthrene
Concen: 44.362 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Tgt Ion:178 Resp: 158572
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.0 12.2 18.4

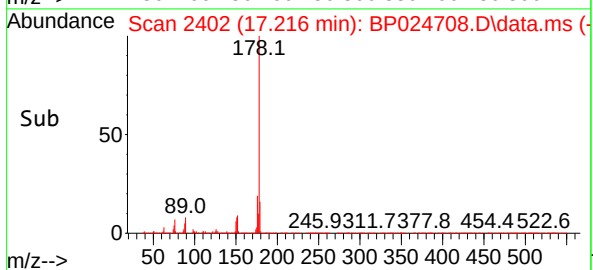
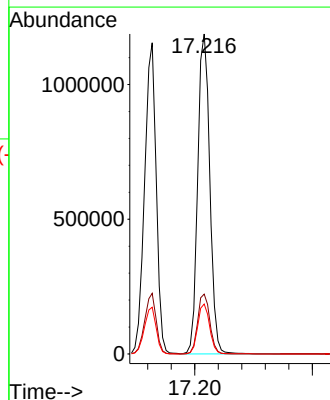
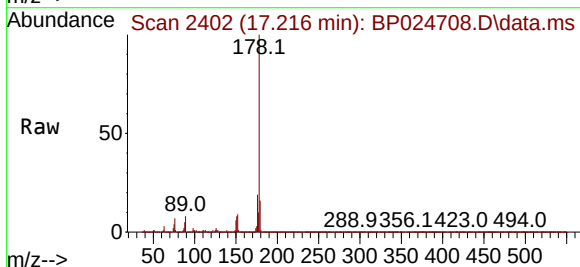
Manual Integrations
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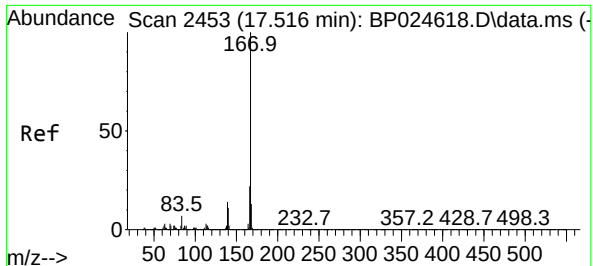
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#72
Anthracene
Concen: 46.920 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

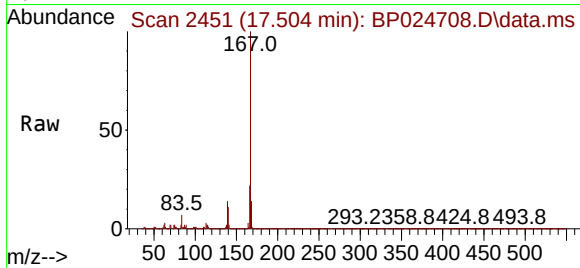
Tgt Ion:178 Resp: 1687384
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.2





#73
Carbazole
Concen: 46.929 ng
RT: 17.504 min Scan# 2451
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

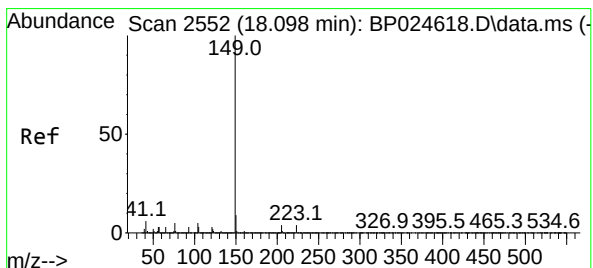
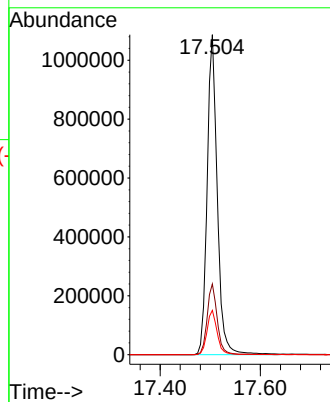
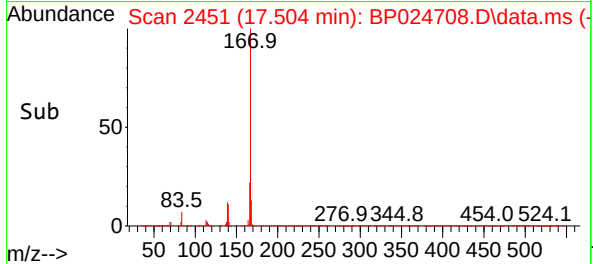
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:167 Resp: 152755
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 13.9 11.3 16.9

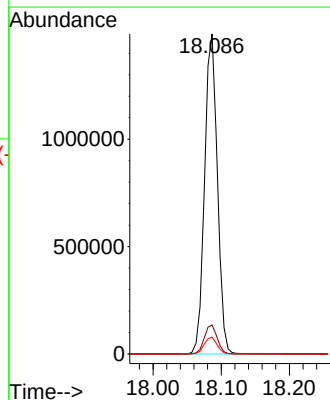
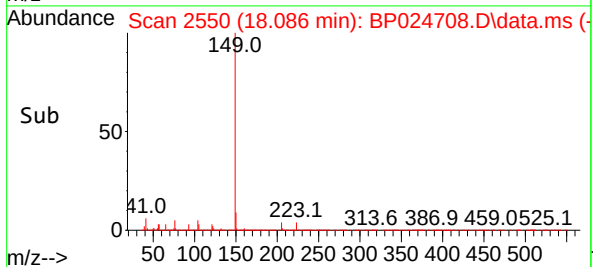
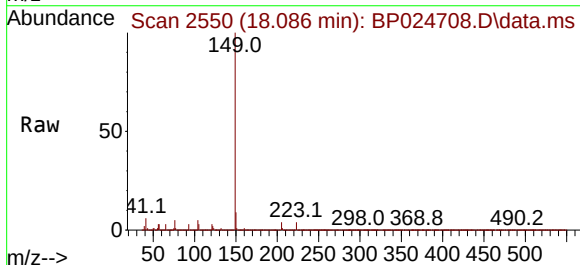
Manual Integrations
APPROVED

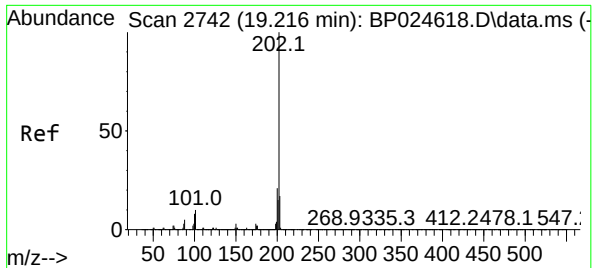
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#74
Di-n-butylphthalate
Concen: 46.398 ng
RT: 18.086 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:149 Resp: 1942338
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.3 4.3 6.5





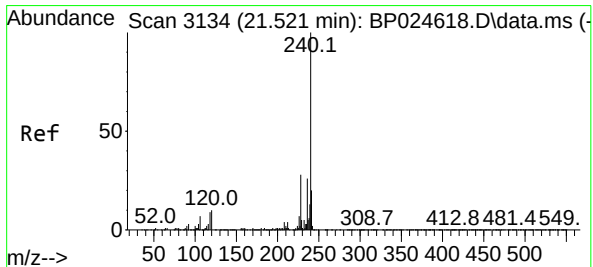
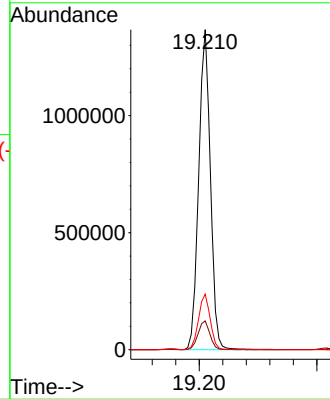
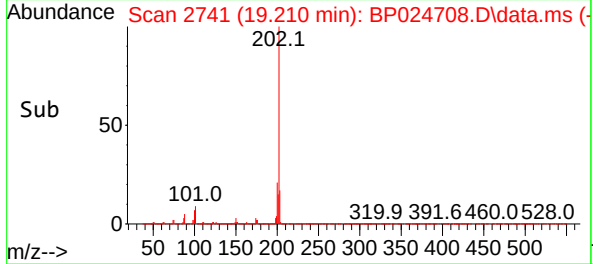
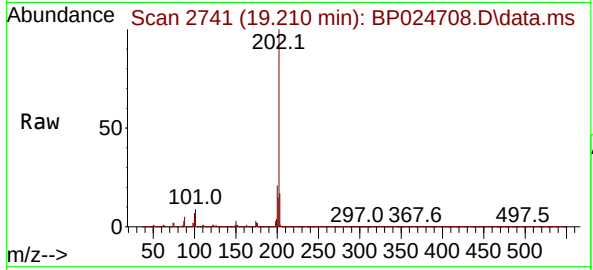
#75
Fluoranthene
Concen: 45.023 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Tgt Ion:202 Resp: 1881199
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.3
203 17.4 0.0 37.5

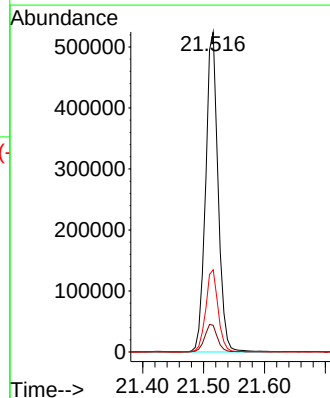
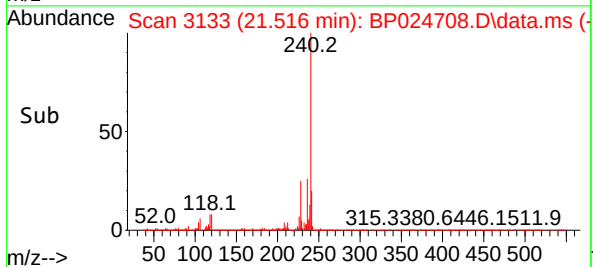
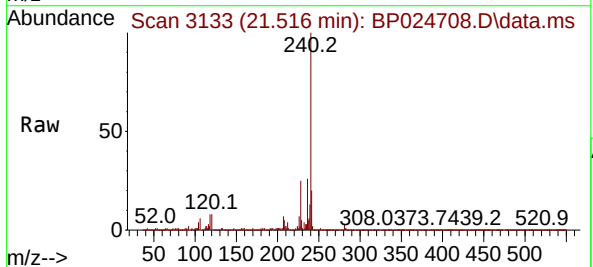
Manual Integrations
APPROVED

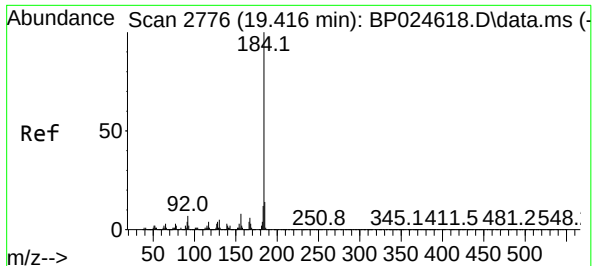
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

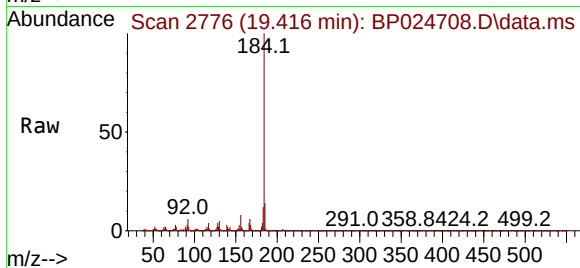
Tgt Ion:240 Resp: 741643
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 25.7 20.6 31.0





#77
Benzidine
Concen: 58.638 ng
RT: 19.416 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

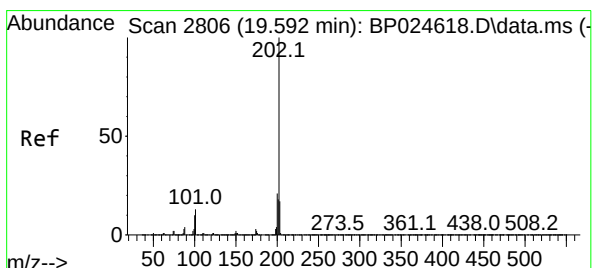
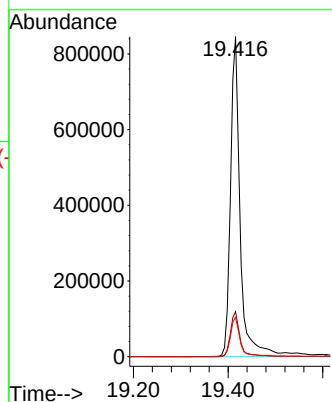
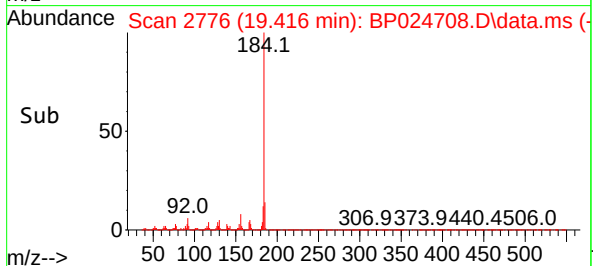
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:184 Resp: 118444
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 12.3 9.8 14.8

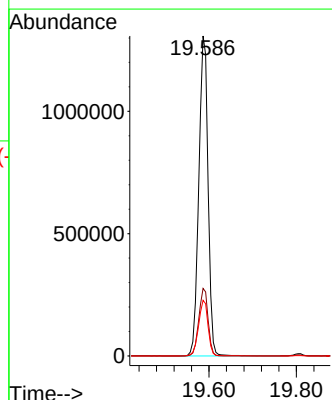
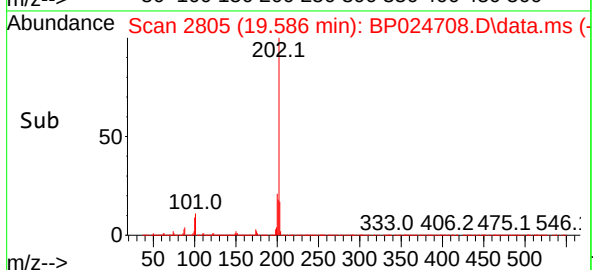
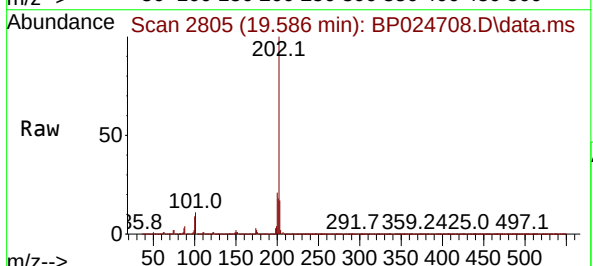
Manual Integrations
APPROVED

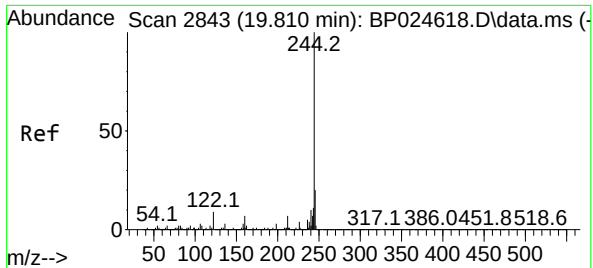
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#78
Pyrene
Concen: 43.265 ng
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:202 Resp: 1922595
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 13.9 20.9





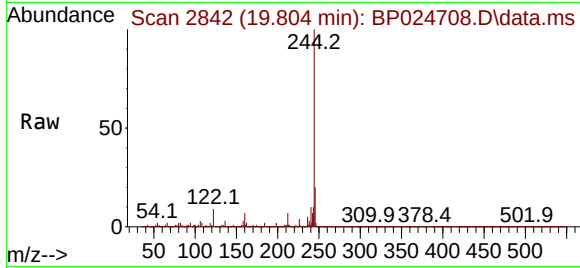
#79
Terphenyl-d14
Concen: 79.393 ng
RT: 19.804 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD



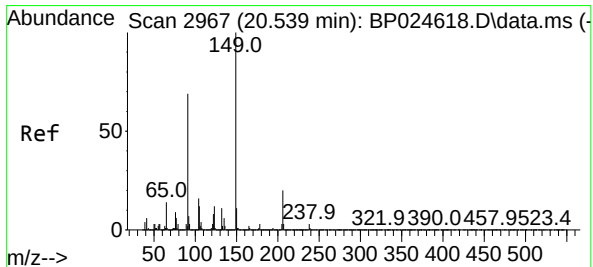
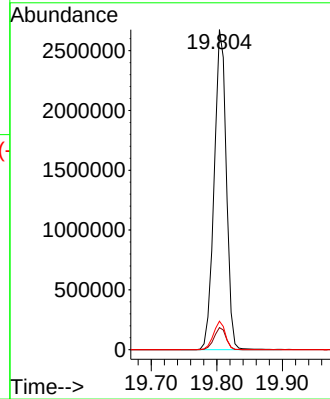
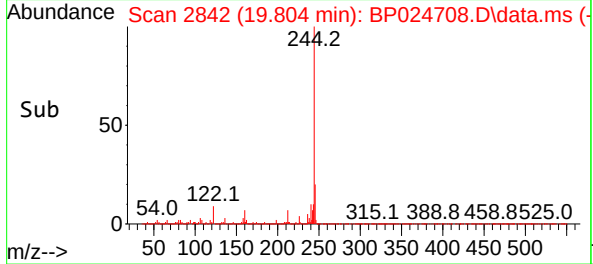
Tgt Ion:244 Resp: 343391
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 8.9 7.4 11.0

Manual Integrations

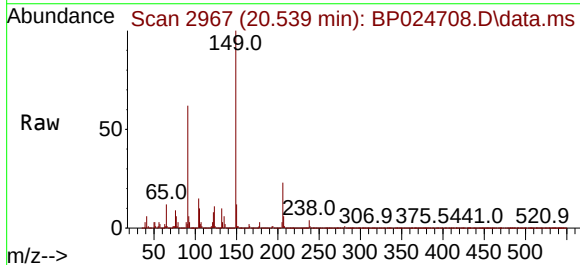
APPROVED

Reviewed By :Rahul Chavli 05/21/2025

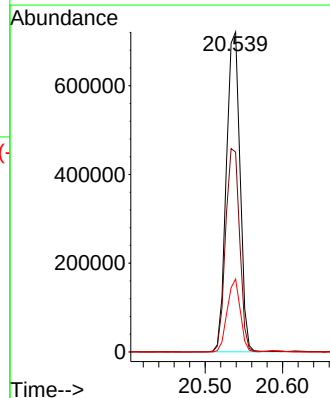
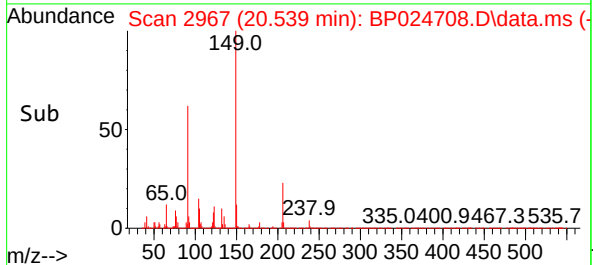
Supervised By :Jagrut Upadhyay 05/21/2025

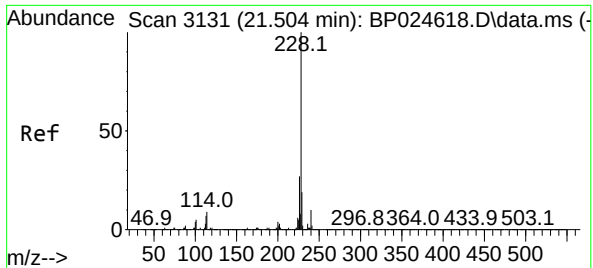


#80
Butylbenzylphthalate
Concen: 44.673 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



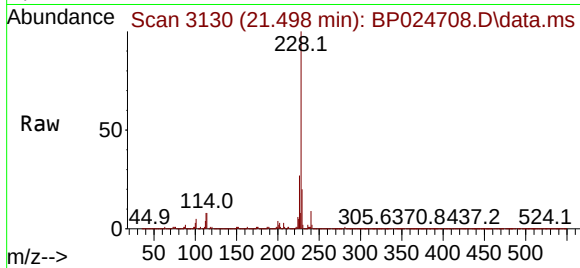
Tgt Ion:149 Resp: 882879
Ion Ratio Lower Upper
149 100
91 62.4 55.4 83.0
206 22.8 16.2 24.2





#81
Benzo(a)anthracene
Concen: 44.715 ng
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

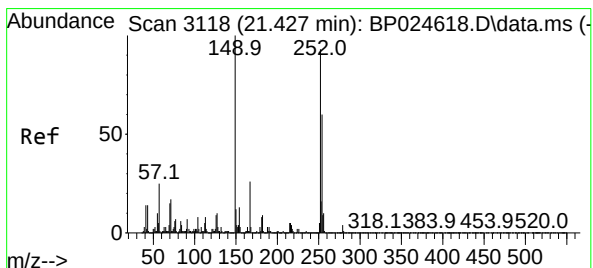
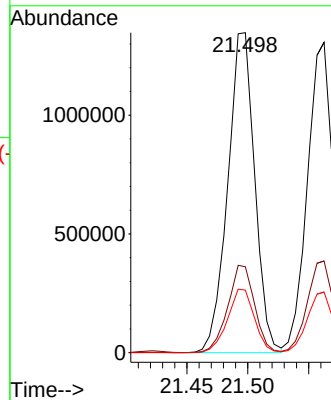
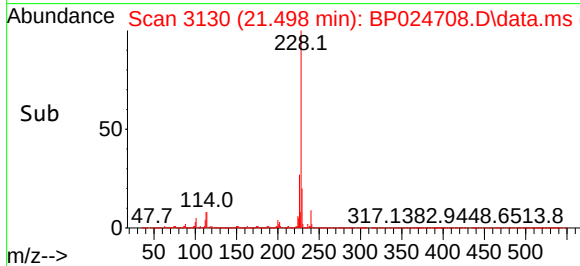
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:228 Resp: 2082335
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.5 15.5 23.3

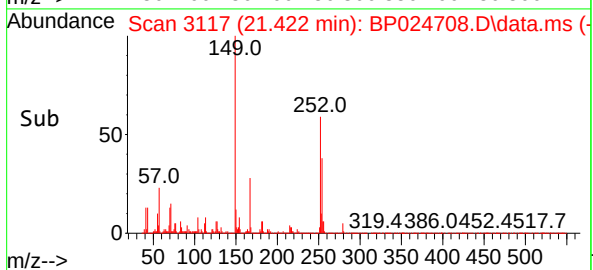
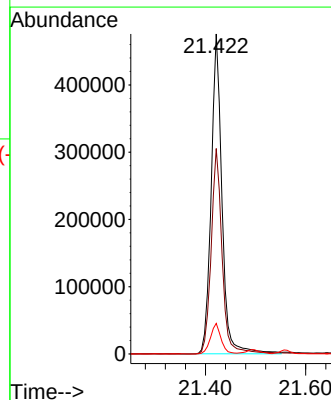
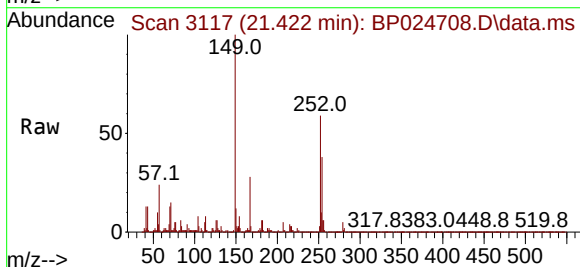
Manual Integrations
APPROVED

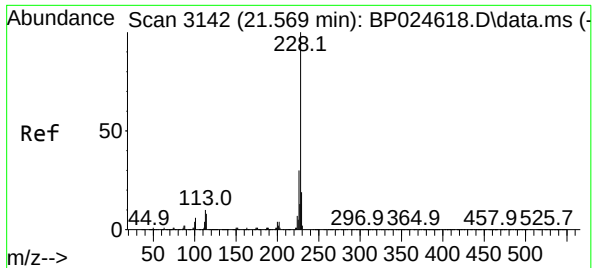
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.258 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

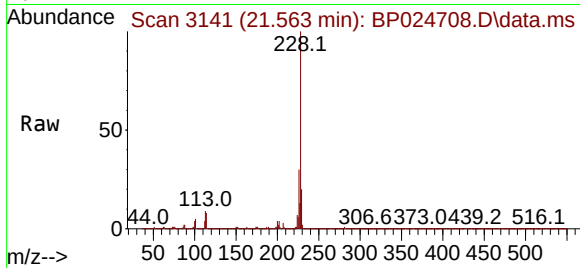
Tgt Ion:252 Resp: 713621
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 9.6 7.7 11.5





#83
Chrysene
Concen: 44.732 ng
RT: 21.563 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

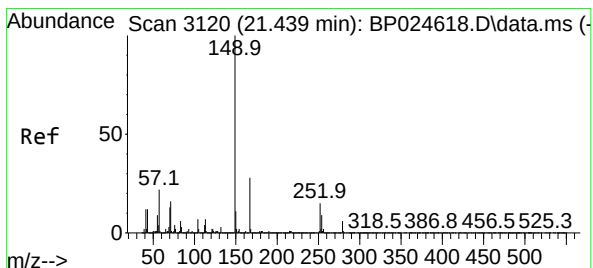
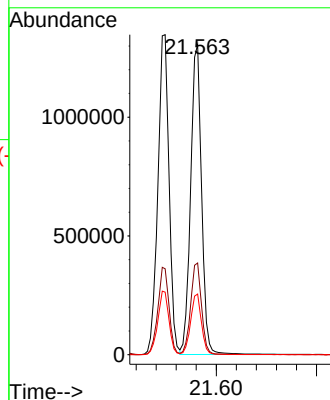
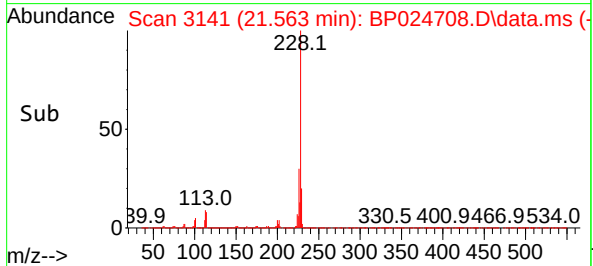
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:228 Resp: 1974700
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 19.5 15.5 23.3

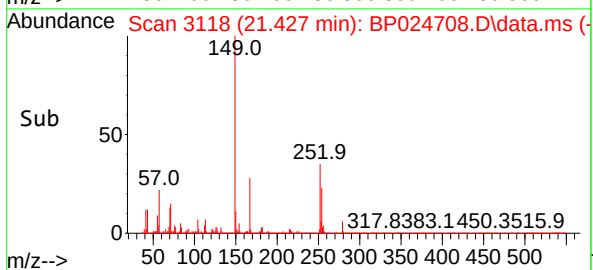
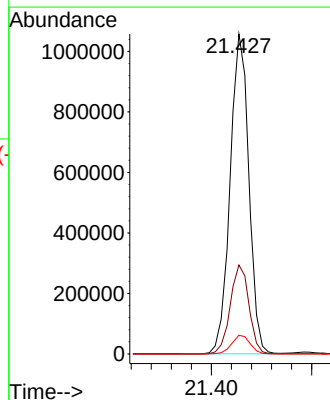
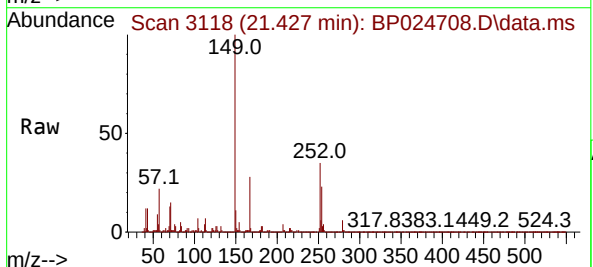
Manual Integrations
APPROVED

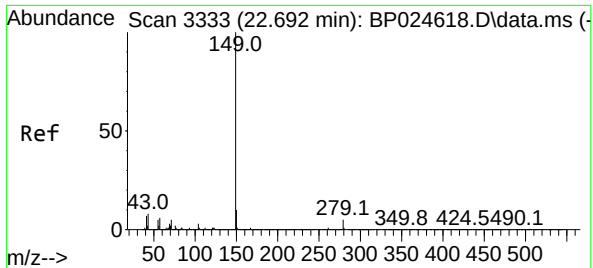
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.173 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

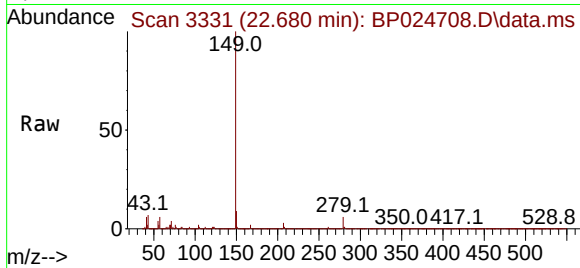
Tgt Ion:149 Resp: 1370288
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 5.8 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 47.662 ng
RT: 22.680 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

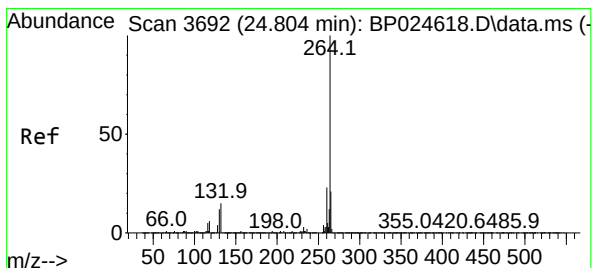
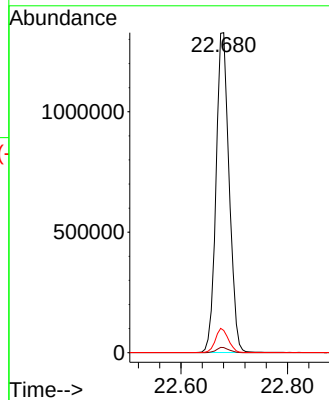
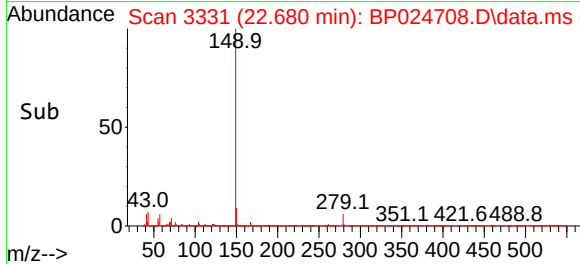
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion:149 Resp: 2264072
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.4 6.3 9.5

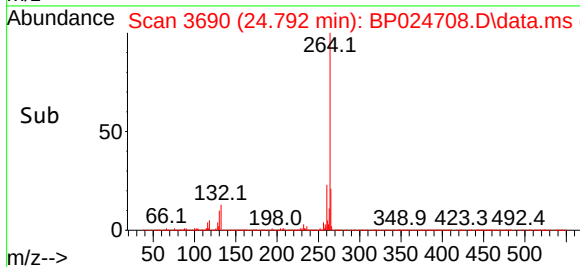
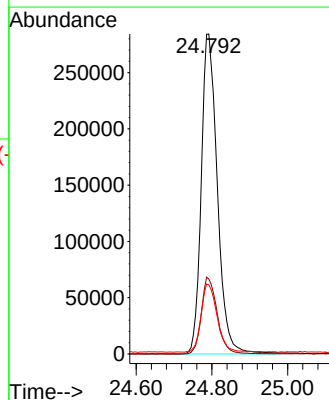
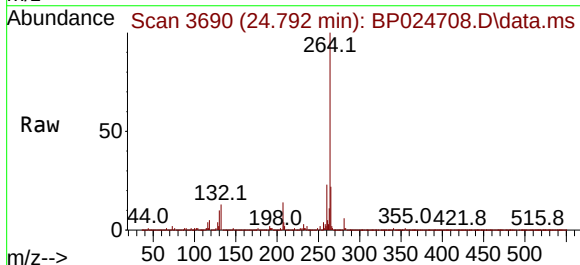
Manual Integrations
APPROVED

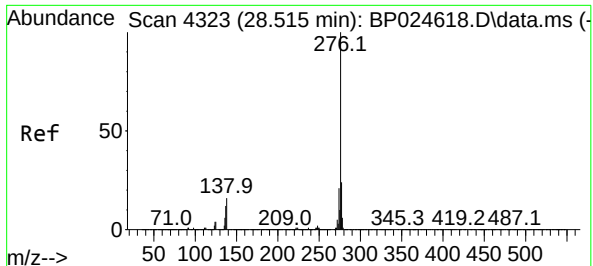
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

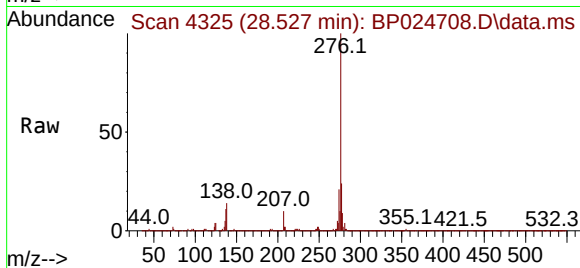
Tgt Ion:264 Resp: 838594
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.6 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.368 ng
RT: 28.527 min Scan# 41
Delta R.T. 0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

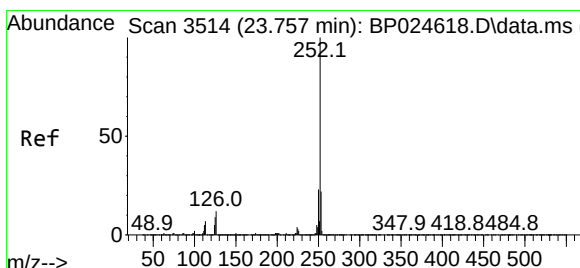
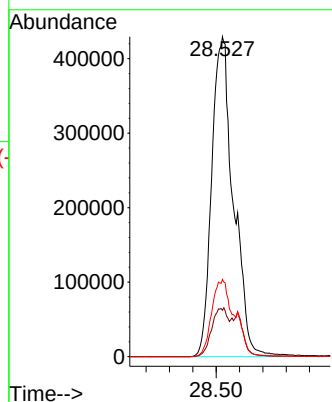
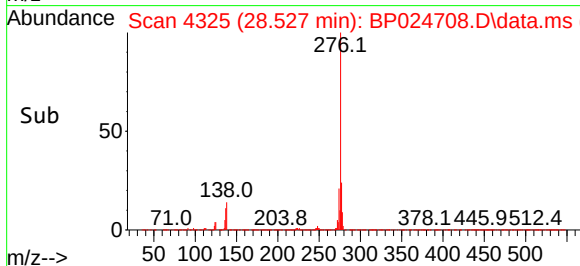
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



Tgt Ion: 276 Resp: 2777529
Ion Ratio Lower Upper
276 100
138 11.3 11.2 16.8
277 21.2 15.7 23.5

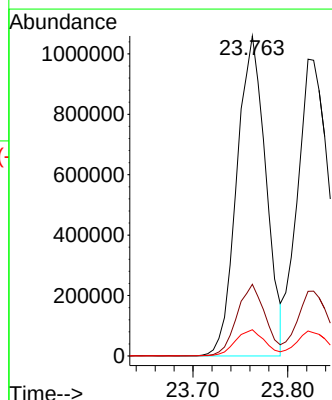
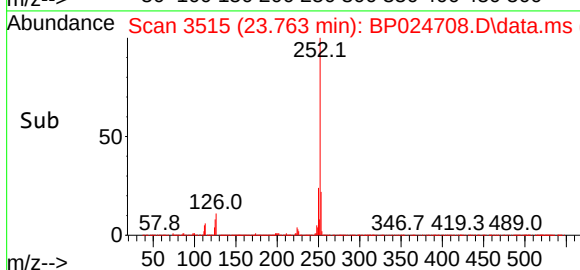
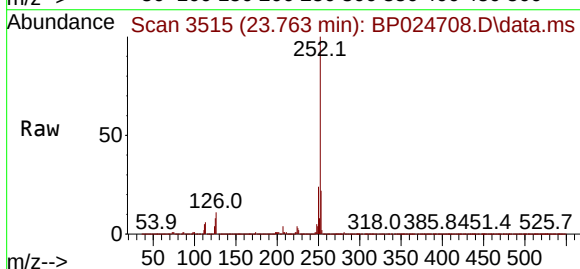
Manual Integrations
APPROVED

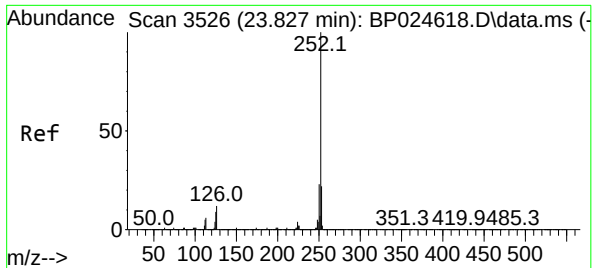
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#88
Benzo(b)fluoranthene
Concen: 47.041 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 252 Resp: 2257968
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 45.885 ng

RT: 23.821 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

Tgt Ion:252 Resp: 226948

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

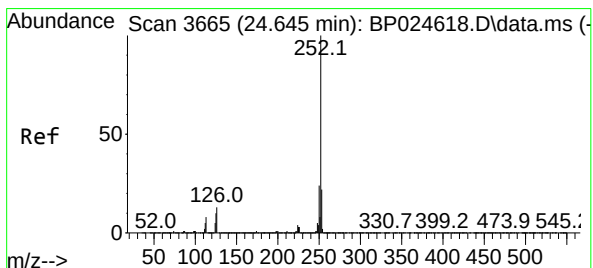
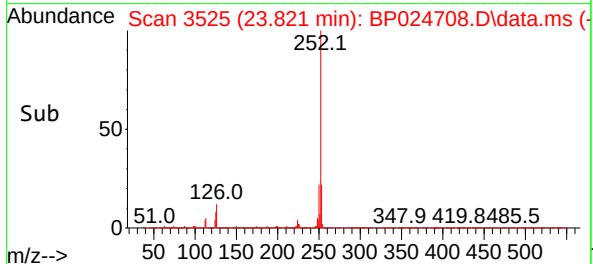
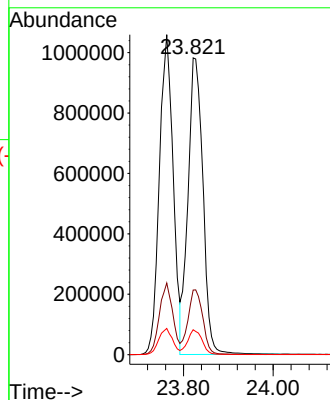
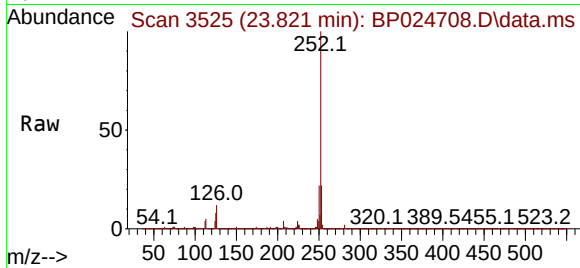
125 8.4 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/21/2025

Supervised By :Jagrut Upadhyay 05/21/2025



#90

Benzo(a)pyrene

Concen: 46.387 ng

RT: 24.645 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

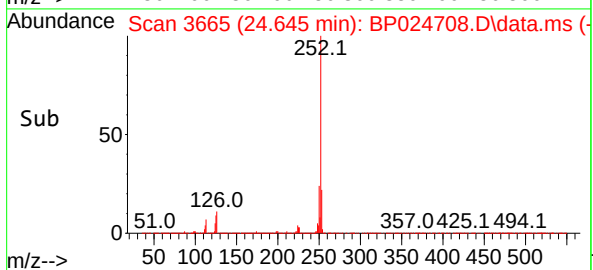
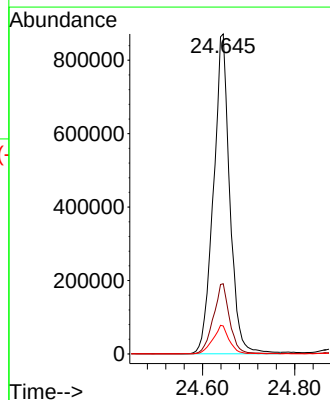
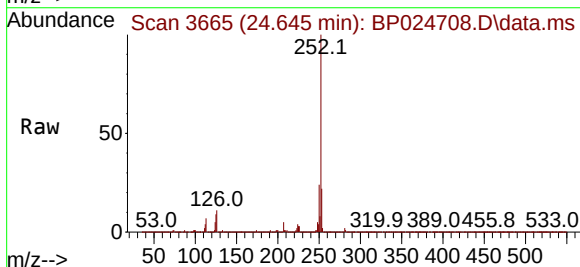
Tgt Ion:252 Resp: 2138419

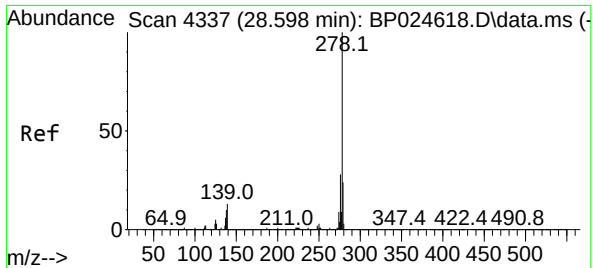
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

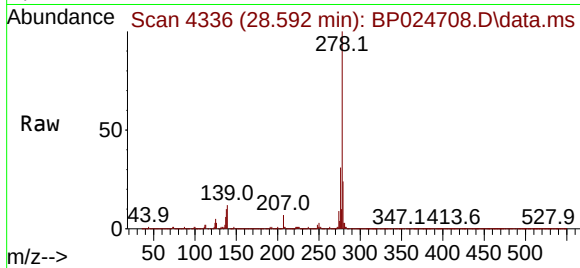
125 8.8 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 45.992 ng
RT: 28.592 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

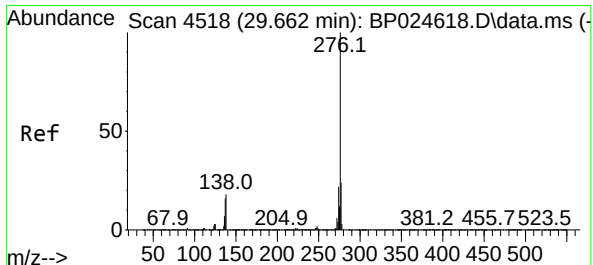
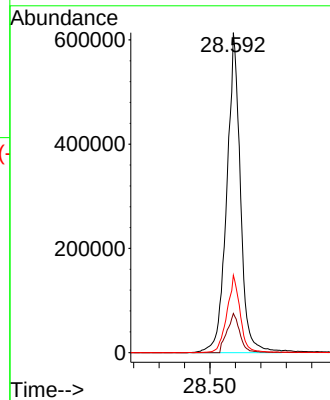
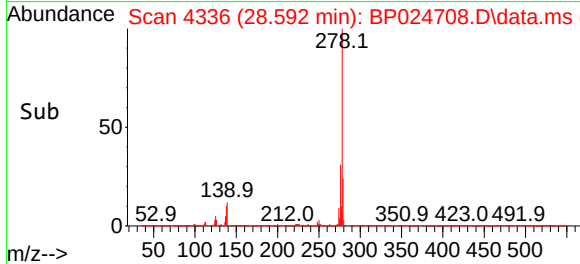
Instrument :
BNA_P
ClientSampleId :
PB168048BSD



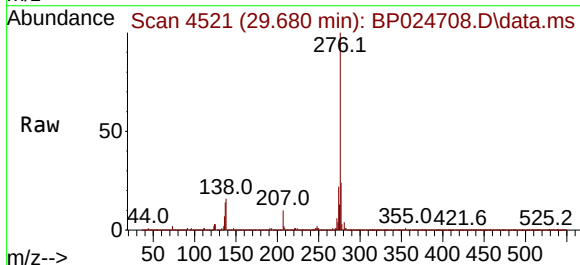
Tgt Ion: 278 Resp: 229067
Ion Ratio Lower Upper
278 100
139 12.3 10.2 15.4
279 24.2 19.0 28.4

Manual Integrations
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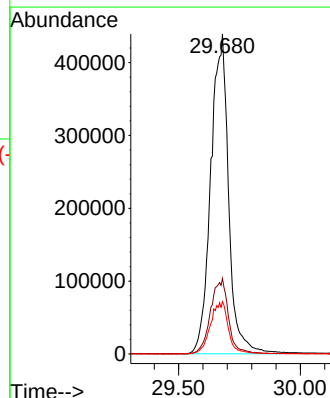
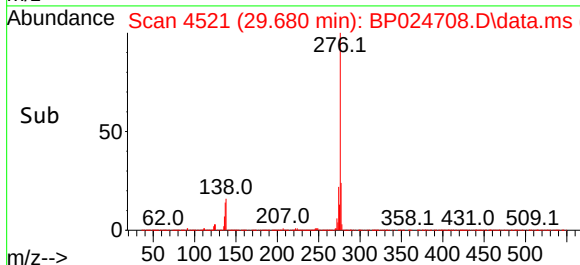
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#92
Benzo(g,h,i)perylene
Concen: 44.853 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16



Tgt Ion: 276 Resp: 2221548
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 16.4 14.4 21.6



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



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

Manual Integration Report

Sequence:

BP051925

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2033-01	BP024694.D	Benzoic acid	Rahul	5/20/2025 12:07:52 PM	Jagrut	5/20/2025 12:12:32 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

bp052025

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168048BSD	BP024708.D	Benzoic acid	Rahul	5/21/2025 1:16:07 PM	Jagrut	5/21/2025 4:42:51 PM	Peak Integrated by Software
SSTDCCC040	BP024735.D	Benzoic acid	Rahul	5/21/2025 1:16:15 PM	Jagrut	5/21/2025 4:43:03 PM	Peak Integrated by Software

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QCBatch 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 # BP051925

Review By	Rahul	Review On	5/20/2025 12:12:48 PM
Supervise By	Jagrut	Supervise On	5/20/2025 12:13:02 PM
SubDirectory	BP051925	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	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	BP024685.D	19 May 2025 11:26	RC/JU	Ok
2	SSTDCCC040	BP024686.D	19 May 2025 12:48	RC/JU	Ok
3	PB167963TB	BP024687.D	19 May 2025 13:28	RC/JU	Ok
4	PB168041BL	BP024688.D	19 May 2025 14:09	RC/JU	Ok
5	PB168041BS	BP024689.D	19 May 2025 14:50	RC/JU	Ok
6	Q2032-04	BP024690.D	19 May 2025 15:35	RC/JU	Ok
7	Q2032-05MS	BP024691.D	19 May 2025 16:16	RC/JU	Ok
8	Q2032-06MSD	BP024692.D	19 May 2025 16:57	RC/JU	Ok
9	Q2032-11	BP024693.D	19 May 2025 17:38	RC/JU	ReRun
10	Q2033-01	BP024694.D	19 May 2025 18:19	RC/JU	Ok,M
11	Q2068-03	BP024695.D	19 May 2025 18:59	RC/JU	Ok
12	Q2067-01	BP024696.D	19 May 2025 19:40	RC/JU	Dilution
13	Q2070-01	BP024697.D	19 May 2025 20:21	RC/JU	Ok
14	Q2071-09	BP024698.D	19 May 2025 21:02	RC/JU	Ok
15	Q2071-01	BP024699.D	19 May 2025 21:43	RC/JU	Ok
16	Q2071-05	BP024700.D	19 May 2025 22:24	RC/JU	Ok
17	Q2065-01	BP024701.D	19 May 2025 23:04	RC/JU	ReRun

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP052025

Review By	Rahul	Review On	5/21/2025 1:31:28 PM
Supervise By	Jagrut	Supervise On	5/21/2025 4:43:18 PM
SubDirectory	BP052025	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	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	BP024702.D	20 May 2025 10:31	RC/JU	Ok
2	SSTDCCC040	BP024703.D	20 May 2025 11:52	RC/JU	Ok
3	PB168052BL	BP024704.D	20 May 2025 12:33	RC/JU	Ok
4	PB168052BS	BP024705.D	20 May 2025 13:14	RC/JU	Ok
5	PB168048BL	BP024706.D	20 May 2025 13:55	RC/JU	Ok
6	PB168048BS	BP024707.D	20 May 2025 14:35	RC/JU	Ok
7	PB168048BSD	BP024708.D	20 May 2025 15:16	RC/JU	Ok,M
8	Q2071-13	BP024709.D	20 May 2025 15:57	RC/JU	Ok
9	Q2071-13MS	BP024710.D	20 May 2025 16:38	RC/JU	Ok
10	Q2071-13MSD	BP024711.D	20 May 2025 17:19	RC/JU	Ok
11	Q2064-01	BP024712.D	20 May 2025 17:59	RC/JU	Ok
12	Q2064-04	BP024713.D	20 May 2025 18:40	RC/JU	Ok
13	Q2064-05	BP024714.D	20 May 2025 19:21	RC/JU	Ok,M
14	Q2064-08	BP024715.D	20 May 2025 20:02	RC/JU	Ok
15	Q2032-11	BP024716.D	20 May 2025 20:42	RC/JU	Ok
16	Q2065-01	BP024717.D	20 May 2025 21:23	RC/JU	Ok,M
17	SSTDCCC040	BP024718.D	20 May 2025 22:04	RC/JU	Ok
18	DFTPP	BP024719.D	21 May 2025 00:06	RC/JU	Ok
19	SSTDCCC040	BP024720.D	21 May 2025 00:47	RC/JU	Ok
20	PB168033TB	BP024721.D	21 May 2025 01:28	RC/JU	Ok
21	Q2067-01DL	BP024722.D	21 May 2025 02:08	RC/JU	Ok

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP052025

Review By	Rahul	Review On	5/21/2025 1:31:28 PM
Supervise By	Jagrut	Supervise On	5/21/2025 4:43:18 PM
SubDirectory	BP052025	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	S12665,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1984-03	BP024723.D	21 May 2025 02:49	RC/JU	Ok
23	Q1984-09	BP024724.D	21 May 2025 03:30	RC/JU	Ok
24	Q1984-13RX	BP024725.D	21 May 2025 04:10	RC/JU	Confirms
25	Q2057-04	BP024726.D	21 May 2025 04:51	RC/JU	Ok
26	Q2062-04	BP024727.D	21 May 2025 05:31	RC/JU	Ok
27	Q2062-08	BP024728.D	21 May 2025 06:12	RC/JU	Ok
28	Q2062-12	BP024729.D	21 May 2025 06:53	RC/JU	Ok
29	Q2062-16	BP024730.D	21 May 2025 07:33	RC/JU	Ok
30	Q2062-20	BP024731.D	21 May 2025 08:14	RC/JU	Ok
31	Q2062-24	BP024732.D	21 May 2025 08:54	RC/JU	Ok
32	Q2080-06	BP024733.D	21 May 2025 09:35	RC/JU	Ok
33	Q2080-12	BP024734.D	21 May 2025 10:16	RC/JU	Ok
34	SSTDCCC040	BP024735.D	21 May 2025 10:56	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 # BP051925

Review By	Rahul	Review On	5/20/2025 12:12:48 PM
Supervise By	Jagrut	Supervise On	5/20/2025 12:13:02 PM
SubDirectory	BP051925	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	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	BP024685.D	19 May 2025 11:26		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024686.D	19 May 2025 12:48		RC/JU	Ok
3	PB167963TB	PB167963TB	BP024687.D	19 May 2025 13:28		RC/JU	Ok
4	PB168041BL	PB168041BL	BP024688.D	19 May 2025 14:09		RC/JU	Ok
5	PB168041BS	PB168041BS	BP024689.D	19 May 2025 14:50		RC/JU	Ok
6	Q2032-04	TP-24	BP024690.D	19 May 2025 15:35		RC/JU	Ok
7	Q2032-05MS	TP-24MS	BP024691.D	19 May 2025 16:16		RC/JU	Ok
8	Q2032-06MSD	TP-24MSD	BP024692.D	19 May 2025 16:57		RC/JU	Ok
9	Q2032-11	FB-05132025	BP024693.D	19 May 2025 17:38	Internal Standard Fail	RC/JU	ReRun
10	Q2033-01	TW-WTS-08	BP024694.D	19 May 2025 18:19		RC/JU	Ok,M
11	Q2068-03	LAW-25-0074	BP024695.D	19 May 2025 18:59	Surrogate Fail	RC/JU	Ok
12	Q2067-01	303-PPR-FRAC	BP024696.D	19 May 2025 19:40	Need 2X Dilution	RC/JU	Dilution
13	Q2070-01	CONCRETE-PAD-0516	BP024697.D	19 May 2025 20:21		RC/JU	Ok
14	Q2071-09	L1-WC-9	BP024698.D	19 May 2025 21:02		RC/JU	Ok
15	Q2071-01	L1-WC-7	BP024699.D	19 May 2025 21:43		RC/JU	Ok
16	Q2071-05	L1-WC-8	BP024700.D	19 May 2025 22:24		RC/JU	Ok
17	Q2065-01	VACTRUCK-728068	BP024701.D	19 May 2025 23:04	Internal Standard Fail	RC/JU	ReRun

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP052025

Review By	Rahul	Review On	5/21/2025 1:31:28 PM
Supervise By	Jagrut	Supervise On	5/21/2025 4:43:18 PM
SubDirectory	BP052025	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	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	BP024702.D	20 May 2025 10:31		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024703.D	20 May 2025 11:52		RC/JU	Ok
3	PB168052BL	PB168052BL	BP024704.D	20 May 2025 12:33		RC/JU	Ok
4	PB168052BS	PB168052BS	BP024705.D	20 May 2025 13:14		RC/JU	Ok
5	PB168048BL	PB168048BL	BP024706.D	20 May 2025 13:55		RC/JU	Ok
6	PB168048BS	PB168048BS	BP024707.D	20 May 2025 14:35		RC/JU	Ok
7	PB168048BSD	PB168048BSD	BP024708.D	20 May 2025 15:16		RC/JU	Ok,M
8	Q2071-13	L2-WC-5	BP024709.D	20 May 2025 15:57		RC/JU	Ok
9	Q2071-13MS	L2-WC-5MS	BP024710.D	20 May 2025 16:38		RC/JU	Ok
10	Q2071-13MSD	L2-WC-5MSD	BP024711.D	20 May 2025 17:19		RC/JU	Ok
11	Q2064-01	RW8-SP100-70-202505	BP024712.D	20 May 2025 17:59		RC/JU	Ok
12	Q2064-04	RW8-SP303-70-202505	BP024713.D	20 May 2025 18:40		RC/JU	Ok
13	Q2064-05	RW8-SP100-90-202505	BP024714.D	20 May 2025 19:21		RC/JU	Ok,M
14	Q2064-08	RW8-SP303-90-202505	BP024715.D	20 May 2025 20:02		RC/JU	Ok
15	Q2032-11	FB-05132025	BP024716.D	20 May 2025 20:42		RC/JU	Ok
16	Q2065-01	VACTRUCK-728068	BP024717.D	20 May 2025 21:23		RC/JU	Ok,M
17	SSTDCCC040	SSTDCCC040EC	BP024718.D	20 May 2025 22:04		RC/JU	Ok
18	DFTPP	DFTPP	BP024719.D	21 May 2025 00:06		RC/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP052025

Review By	Rahul	Review On	5/21/2025 1:31:28 PM		
Supervise By	Jagrut	Supervise On	5/21/2025 4:43:18 PM		
SubDirectory	BP052025	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		S12665,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	SSTDCCC040	SSTDCCC040	BP024720.D	21 May 2025 00:47		RC/JU	Ok
20	PB168033TB	PB168033TB	BP024721.D	21 May 2025 01:28		RC/JU	Ok
21	Q2067-01DL	303-PPR-FRACDL	BP024722.D	21 May 2025 02:08		RC/JU	Ok
22	Q1984-03	OU4-PCS-TC-34-05072	BP024723.D	21 May 2025 02:49		RC/JU	Ok
23	Q1984-09	OU4-TS-25-050725	BP024724.D	21 May 2025 03:30		RC/JU	Ok
24	Q1984-13RX	OU4-TS-27-050725RX	BP024725.D	21 May 2025 04:10	Surrogates Fail	RC/JU	Confirms
25	Q2057-04	MH-L	BP024726.D	21 May 2025 04:51		RC/JU	Ok
26	Q2062-04	L1-WC-1	BP024727.D	21 May 2025 05:31		RC/JU	Ok
27	Q2062-08	L1-WC-2	BP024728.D	21 May 2025 06:12		RC/JU	Ok
28	Q2062-12	L1-WC-3	BP024729.D	21 May 2025 06:53		RC/JU	Ok
29	Q2062-16	L1-WC-4	BP024730.D	21 May 2025 07:33		RC/JU	Ok
30	Q2062-20	L1-WC-5	BP024731.D	21 May 2025 08:14		RC/JU	Ok
31	Q2062-24	L1-WC-6	BP024732.D	21 May 2025 08:54		RC/JU	Ok
32	Q2080-06	PL-HRH-COMP-01	BP024733.D	21 May 2025 09:35		RC/JU	Ok
33	Q2080-12	PL-HRH-COMP-02	BP024734.D	21 May 2025 10:16		RC/JU	Ok
34	SSTDCCC040	SSTDCCC040EC	BP024735.D	21 May 2025 10:56		RC/JU	Ok,M

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 05/19/2025

Extraction Start Time : 08:42

Extraction End Date : 05/19/2025

Extraction End Time : 13:40

Concentration By: EH

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	E3930
Baked Na2SO4	N/A	EP2611
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

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

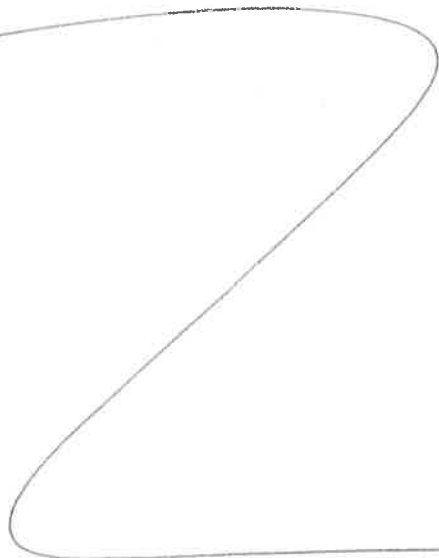
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/19/25	RS (E&A Lab)	Rclsvoc
13:45	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/19/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168048BL	SBLK048	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB168048BS	SLCS048	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB168048BSD	SLCSD048	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2032-11	FB-05132025	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	F		4
Q2033-01	TW-WTS-08	SVOCMS Group4	980	11	RUPESH	ritesh	1	F		5
Q2064-01	RW8-SP100-70-2025051 4	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	B		6
Q2064-04	RW8-SP303-70-2025051 4	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	B		7
Q2064-05	RW8-SP100-90-2025051 4	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	B		8
Q2064-08	RW8-SP303-90-2025051 4	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	B		9
Q2065-01	VACTRUCK-728068	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		10
Q2067-01	303-PPR-FRAC	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	N		11
Q2068-03	LAW-25-0074	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		12



RS
5/19

1680488
8:42

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2033

WorkList ID : 189588

Department : Extraction

Date : 05-19-2025 08:37:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2032-11	FB-05132025	Water	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L41	05/13/2025	8270E
Q2033-01	TW-WTS-08	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	L41	05/12/2025	8270E
Q2064-01	RW8-SP100-70-20250514	Water	SVOC-TCL BNA -20	Cool 4 deg C	TETR06	L41	05/14/2025	8270E
Q2064-04	RW8-SP303-70-20250514	Water	SVOC-TCL BNA -20	Cool 4 deg C	TETR06	L41	05/14/2025	8270E
Q2064-05	RW8-SP100-90-20250514	Water	SVOC-TCL BNA -20	Cool 4 deg C	TETR06	L41	05/14/2025	8270E
Q2064-08	RW8-SP303-90-20250514	Water	SVOC-TCL BNA -20	Cool 4 deg C	TETR06	L41	05/14/2025	8270E
Q2065-01	VACTRUCK-728068	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/16/2025	8270E
Q2067-01	303-PPR-FRAC	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/16/2025	8270E
Q2068-03	LAW-25-0074	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/16/2025	8270E

Date/Time 5/19/25 8:27

Raw Sample Received by: RS (Ext-Lab)

Raw Sample Relinquished by: CP SM

Date/Time 5/19/25 9:30

Raw Sample Received by: CP SM

Raw Sample Relinquished by: RS (Ext-Lab)



SHIPPING DOCUMENTS

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2033	ENTA05	Order Date : 5/13/2025 4:02:00 PM	Project Mgr :
Client Name : ENTACT		Project Name : 540 Degraw St, Brooklyn, N	Report Type : Level 1
Client Contact : Jarod Stanfield		Receive DateTime : 5/13/2025 12:00:00 AM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order : 18:00	Hard Copy Date :
Invoice Contact : Jarod Stanfield			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2033-01	TW-WTS-08	Water	05/12/2025	15:00	VOCMS Group4		8260-Low	5 Bus. Days	

Relinquished By :

Date / Time :


5/14/25 0940

Received By :

Date / Time :


05/14/25 9:40 

Storage Area : VOA Refridgerator Room