

Cover Page

Order ID : Q2125

Project ID : Seely

Client : G Environmental

Lab Sample Number

Q2125-01
Q2125-02
Q2125-03
Q2125-04
Q2125-05

Client Sample Number

GSB1
GSB2
GSB3
GSB4
GSB5

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: 6/2/2025

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 #: Q2125

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 06/02/2025

LAB CHRONICLE

OrderID:	Q2125	OrderDate:	5/23/2025 11:50:35 AM
Client:	G Environmental	Project:	Seely
Contact:	Gary Landis	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2125-08	GSB3	Water	SPLP BNA Group1	8270E	05/23/25	06/06/25	06/09/25	05/23/25



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Hit Summary Sheet
SW-846

SDG No.: Q2125
Client: G Environmental

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	GSB3						
Q2125-08	GSB3	WATER	2-Methylnaphthalene	20.000	0.56	5	ug/L
			Total Svoc :	20.00			
			Total Concentration:	20.00			



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168340BL	PB168340BL	Nitrobenzene-d5	100	88.6	89		30 (67)	130 (132)
		2-Fluorobiphenyl	100	89.3	89		30 (52)	130 (132)
		Terphenyl-d14	100	86.4	86		30 (42)	130 (152)
PB168340BS	PB168340BS	Nitrobenzene-d5	100	83.8	84		30 (67)	130 (132)
		2-Fluorobiphenyl	100	80.9	81		30 (52)	130 (132)
		Terphenyl-d14	100	82.7	83		30 (42)	130 (152)
PB168340TB	PB168340TB	Nitrobenzene-d5	100	93.4	93		30 (67)	130 (132)
		2-Fluorobiphenyl	100	93.6	94		30 (52)	130 (132)
		Terphenyl-d14	100	90.3	90		30 (42)	130 (152)
Q2125-08	GSB3	Nitrobenzene-d5	100	97.0	97		30 (67)	130 (132)
		2-Fluorobiphenyl	100	88.3	88		30 (52)	130 (132)
		Terphenyl-d14	100	90.1	90		30 (42)	130 (152)
Q2125-08MS	GSB3MS	Nitrobenzene-d5	100	90.9	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.0	85		30 (52)	130 (132)
		Terphenyl-d14	100	92.4	92		30 (42)	130 (152)
Q2125-08MSD	GSB3MSD	Nitrobenzene-d5	100	92.0	92		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.8	86		30 (52)	130 (132)
		Terphenyl-d14	100	93.9	94		30 (42)	130 (152)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2125-08MS	Client Sample ID:	GSB3MS					DataFile:	BM050241.D		
Naphthalene	50	0	59.0	ug/L	118				70 (17)	130 (157)	
2-Methylnaphthalene	50	20.0	170	ug/L	300	*			70 (38)	130 (146)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2125-08MSD	Client Sample ID:	GSB3MSD					DataFile:	BM050242.D		
Naphthalene	50	0	59.1	ug/L	118		0		70 (17)	130 (157)	20 (20)
2-Methylnaphthalene	50	20.0	170	ug/L	300	*	0		70 (38)	130 (146)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: 8270E DataFile: BM050238.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168340BS	Naphthalene	50	45.8	ug/L	92				70 (64)	130 (107)	
	2-Methylnaphthalene	50	47.5	ug/L	95				70 (64)	130 (107)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168340BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q2125

SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BM050237.D

Lab Sample ID: PB168340BL

Instrument ID: BNA_M

Date Extracted: 06/06/2025

Matrix: (soil/water) Water

Date Analyzed: 06/09/2025

Level: (low/med) LOW

Time Analyzed: 11:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168340BS	PB168340BS	BM050238.D	06/09/2025
PB168340TB	PB168340TB	BM050239.D	06/09/2025
GSB3	Q2125-08	BM050240.D	06/09/2025
GSB3MS	Q2125-08MS	BM050241.D	06/09/2025
GSB3MSD	Q2125-08MSD	BM050242.D	06/09/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q2125 SDG NO.: Q2125Lab File ID: BM050193.DDFTPP Injection Date: 06/05/2025Instrument ID: BNA_MDFTPP Injection Time: 08:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.3
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.8 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050194.D	06/05/2025	09:20
SSTDICC005	SSTDICC005	BM050195.D	06/05/2025	09:59
SSTDICC010	SSTDICC010	BM050196.D	06/05/2025	10:38
SSTDICC020	SSTDICC020	BM050197.D	06/05/2025	11:17
SSTDICCC040	SSTDICCC040	BM050198.D	06/05/2025	11:57
SSTDICC050	SSTDICC050	BM050199.D	06/05/2025	12:36
SSTDICC060	SSTDICC060	BM050200.D	06/05/2025	13:16
SSTDICC080	SSTDICC080	BM050201.D	06/05/2025	13:56



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q2125 SDG NO.: Q2125Lab File ID: BM050235.DDFTPP Injection Date: 06/09/2025Instrument ID: BNA_MDFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.7
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.1 (19.7) 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	BM050236.D	06/09/2025	10:47
PB168340BL	PB168340BL	BM050237.D	06/09/2025	11:26
PB168340BS	PB168340BS	BM050238.D	06/09/2025	12:05
PB168340TB	PB168340TB	BM050239.D	06/09/2025	12:44
GSB3	Q2125-08	BM050240.D	06/09/2025	13:29
GSB3MS	Q2125-08MS	BM050241.D	06/09/2025	14:08
GSB3MSD	Q2125-08MSD	BM050242.D	06/09/2025	14:47

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BM050236.D Time Analyzed: 10:47

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	371799	7.769	1449700	10.56	826607	14.40
UPPER LIMIT	743598	8.269	2899400	11.057	1653210	14.898
LOWER LIMIT	185900	7.269	724850	10.057	413304	13.898
EPA SAMPLE NO.						
01 PB168340BL	308898	7.77	1157440	10.56	647360	14.40
02 PB168340BS	320774	7.77	1257050	10.56	743659	14.40
03 PB168340TB	295930	7.77	1103530	10.55	626432	14.40
04 GSB3	258819	7.77	1009930	10.55	581596	14.40
05 GSB3MS	289351	7.77	1143580	10.56	672610	14.40
06 GSB3MSD	281877	7.77	1107270	10.56	644595	14.40

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.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BM050236.D Time Analyzed: 10:47

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1554640	17.139	1640720	21.374	1782070	24.344
UPPER LIMIT	3109280	17.639	3281440	21.874	3564140	24.844
LOWER LIMIT	777320	16.639	820360	20.874	891035	23.844
EPA SAMPLE NO.						
01 PB168340BL	1268440	17.13	1357310	21.37	1477670	24.34
02 PB168340BS	1440530	17.14	1506860	21.37	1650440	24.34
03 PB168340TB	1242520	17.13	1296950	21.36	1380170	24.34
04 GSB3	1095570	17.13	1122300	21.36	1282470	24.34
05 GSB3MS	1263270	17.14	1232810	21.37	1346660	24.34
06 GSB3MSD	1197070	17.14	1175820	21.37	1237450	24.34

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:	G Environmental	Date Collected:	06/06/25
Project:	Seely	Date Received:	06/06/25
Client Sample ID:	PB168340TB	SDG No.:	Q2125
Lab Sample ID:	PB168340TB	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
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
BM050239.D	1	06/06/25 09:15	06/09/25 12:44	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	93.4		30 (67) - 130 (132)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.6		30 (52) - 130 (132)	94%	SPK: 100
1718-51-0	Terphenyl-d14	90.3		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	296000	7.769			
1146-65-2	Naphthalene-d8	1100000	10.551			
15067-26-2	Acenaphthene-d10	626000	14.398			
1517-22-2	Phenanthrene-d10	1240000	17.133			
1719-03-5	Chrysene-d12	1300000	21.362			
1520-96-3	Perylene-d12	1380000	24.344			

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_M\Data\BM060925\
Data File : BM050239.D
Acq On : 09 Jun 2025 12:44
Operator : RC/JU
Sample : PB168340TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Quant Time: Jun 09 13:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	295930	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1103525	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	626432	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1242521	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1296945	20.000	ng	-0.01
86) Perylene-d12	24.344	264	1380174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2723065	153.498	ng	0.00
7) Phenol-d6	6.934	99	3368388	144.237	ng	0.00
23) Nitrobenzene-d5	8.916	82	1981708	93.396	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1130617	158.678	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4330944	93.601	ng	0.00
79) Terphenyl-d14	19.768	244	6179766	90.295	ng	0.00

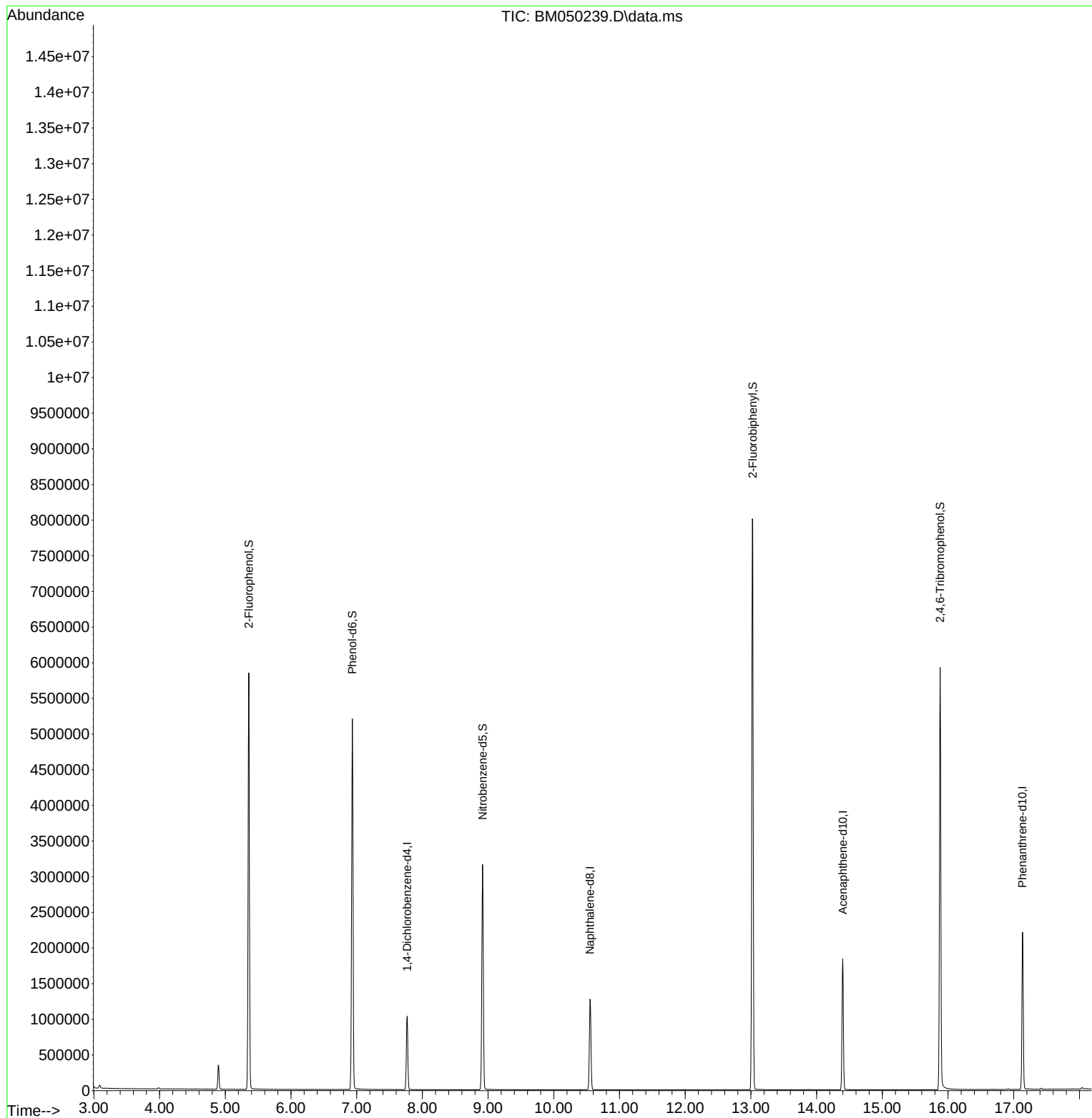
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050239.D
Acq On : 09 Jun 2025 12:44
Operator : RC/JU
Sample : PB168340TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340TB

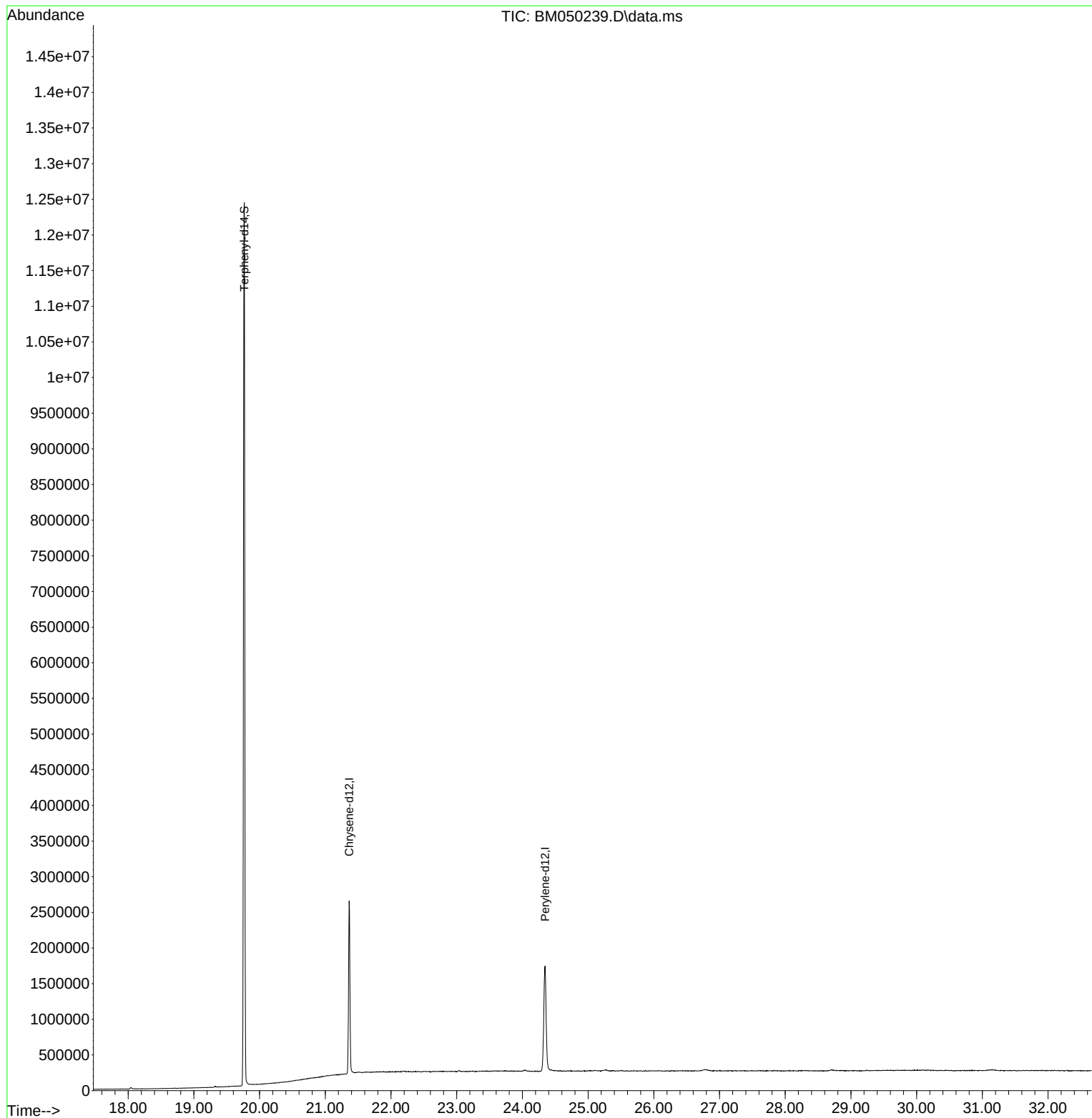
Quant Time: Jun 09 13:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

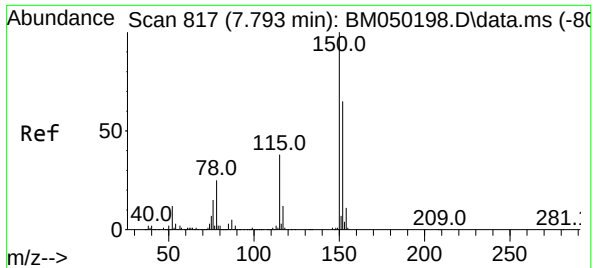


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050239.D
Acq On : 09 Jun 2025 12:44
Operator : RC/JU
Sample : PB168340TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Quant Time: Jun 09 13:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

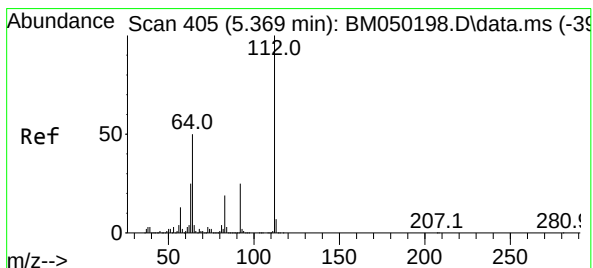
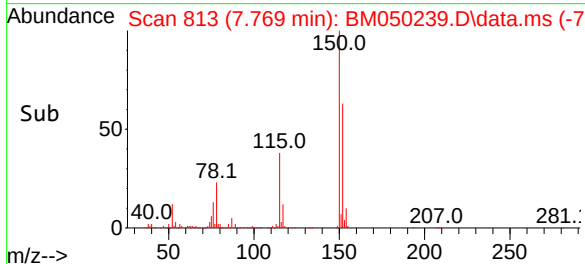
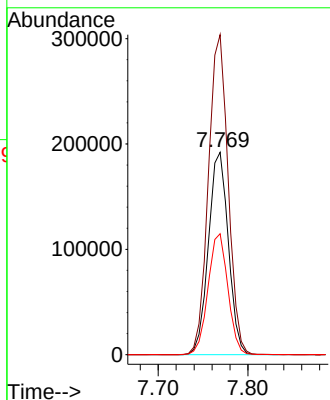
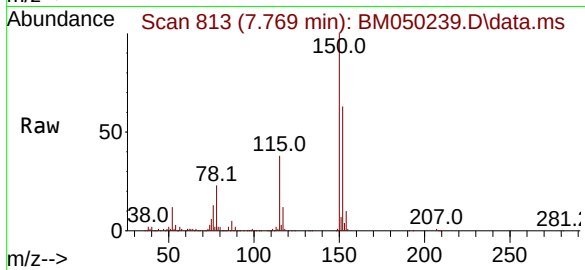




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 817
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

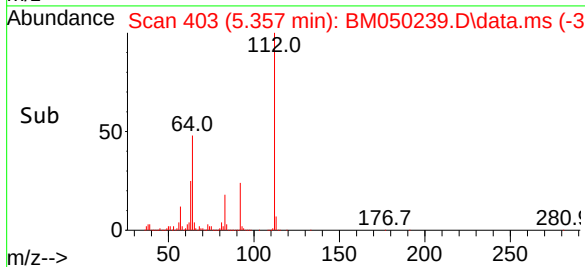
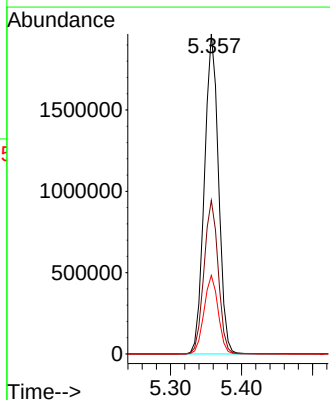
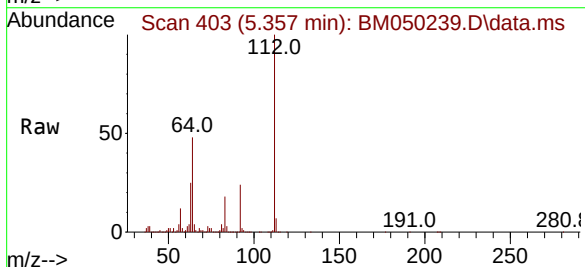
Instrument :
BNA_M
ClientSampleId :
PB168340TB

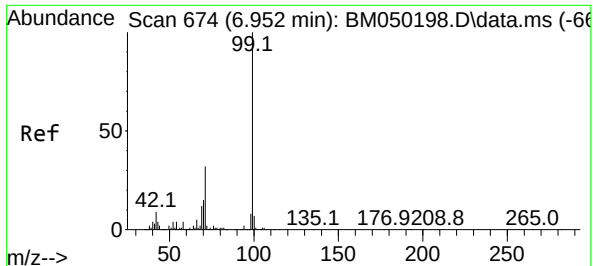
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.2	183.4
115	59.8	46.3	69.5



#5
2-Fluorophenol
Concen: 153.498 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.0	39.8	59.6
63	24.5	19.8	29.8

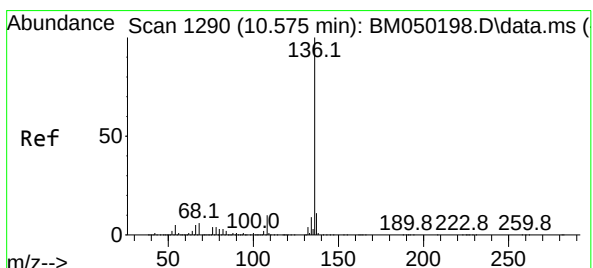
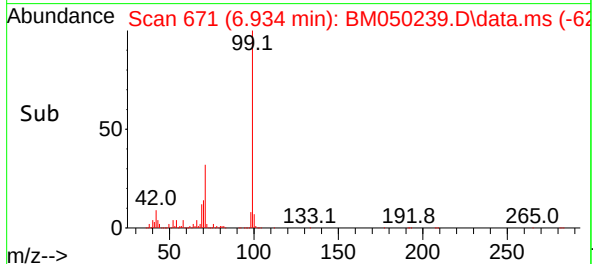
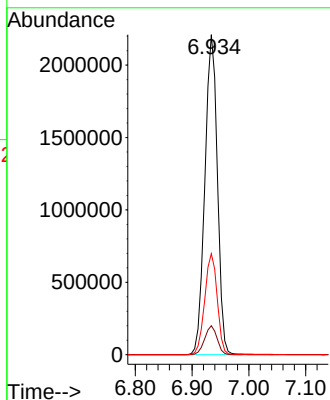
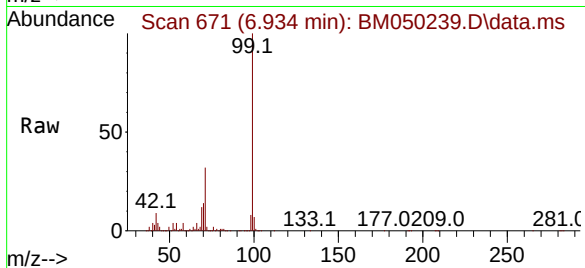




#7
Phenol-d6
Concen: 144.237 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

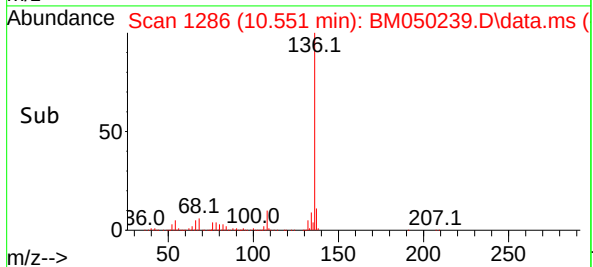
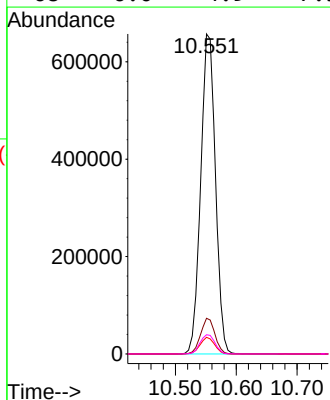
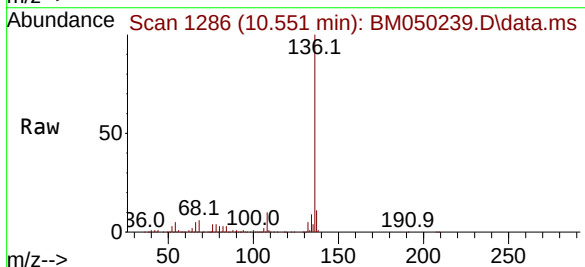
Instrument :
BNA_M
ClientSampleId :
PB168340TB

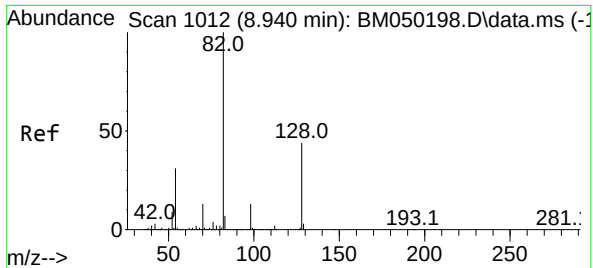
Tgt Ion: 99 Resp: 3368388
Ion Ratio Lower Upper
99 100
42 9.1 6.9 10.3
71 31.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion: 136 Resp: 1103525
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.2 3.8 5.8
68 6.0 4.9 7.3

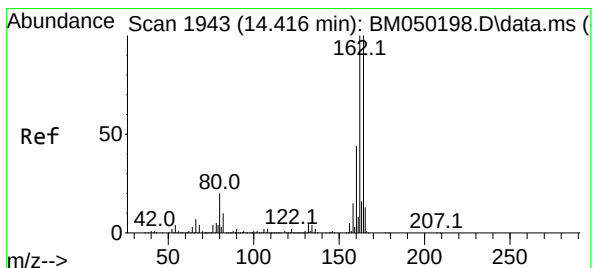
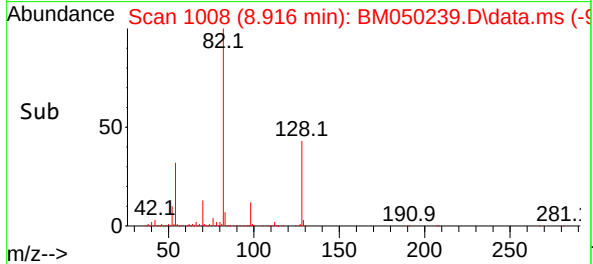
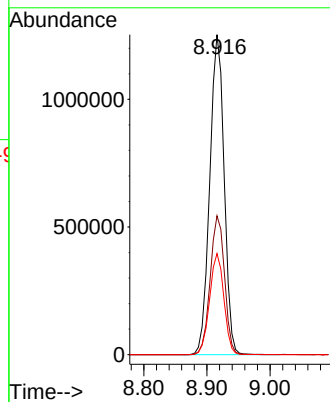
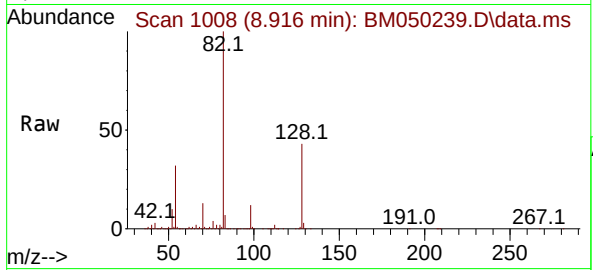




#23
Nitrobenzene-d5
Concen: 93.396 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

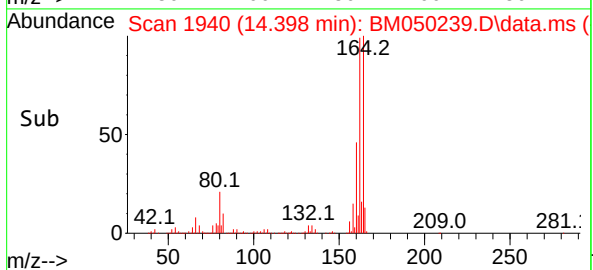
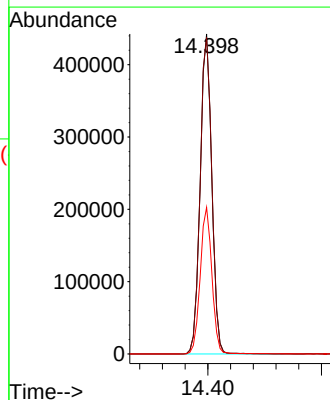
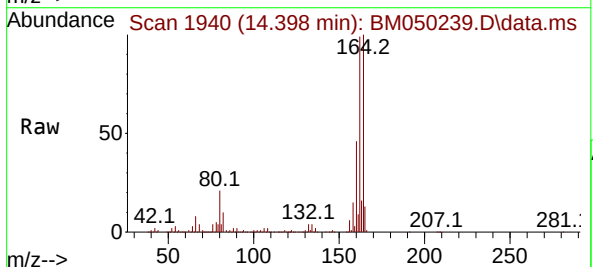
Instrument :
BNA_M
ClientSampleId :
PB168340TB

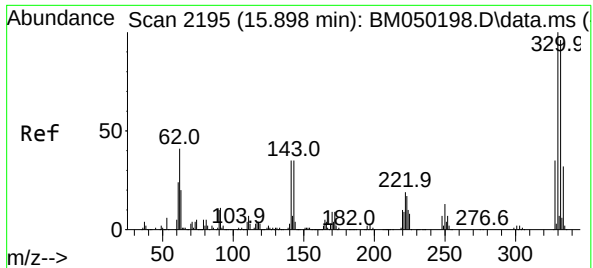
Tgt Ion: 82 Resp: 1981708
Ion Ratio Lower Upper
82 100
128 43.4 35.2 52.8
54 31.6 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:164 Resp: 626432
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.4
160 45.8 35.7 53.5

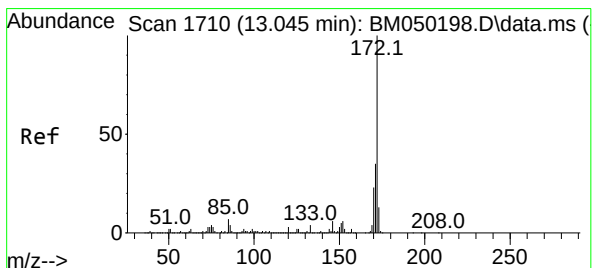
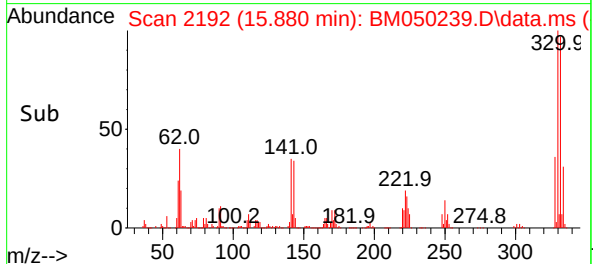
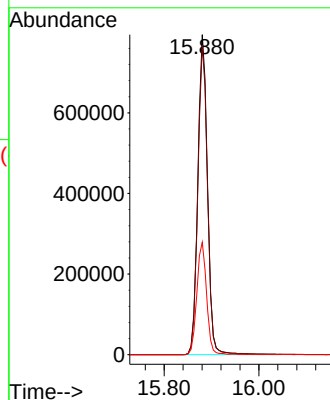
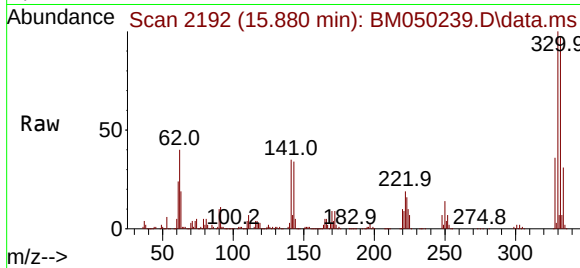




#42
2,4,6-Tribromophenol
Concen: 158.678 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

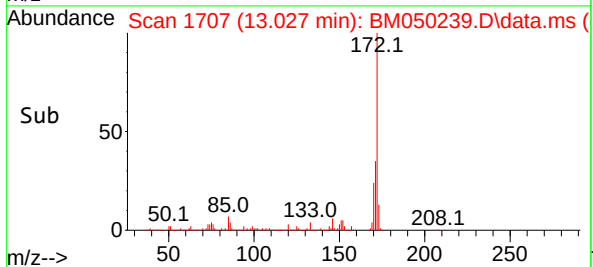
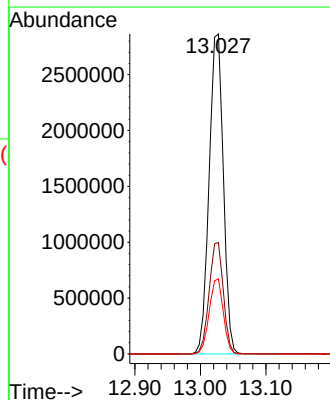
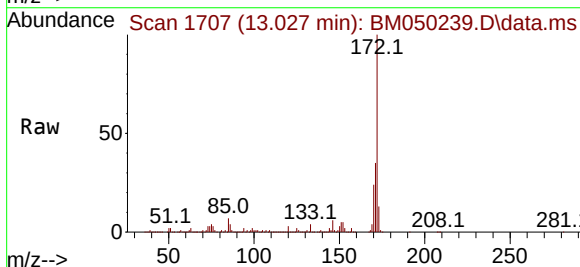
Instrument :
BNA_M
ClientSampleId :
PB168340TB

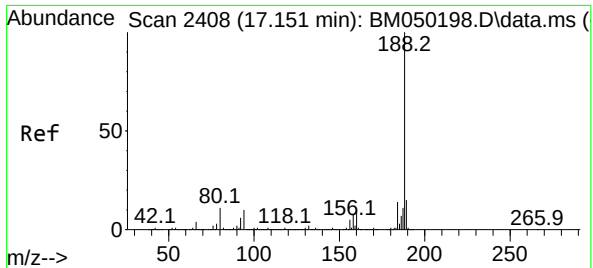
Tgt Ion:330 Resp: 1130617
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 35.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 93.601 ng
RT: 13.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:172 Resp: 4330944
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.5 18.6 27.8

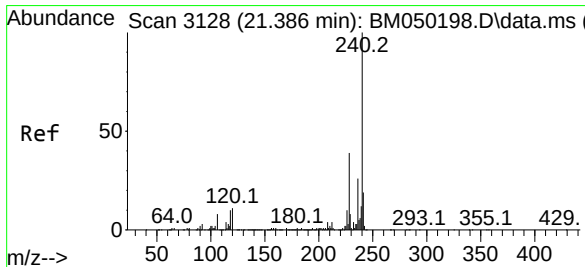
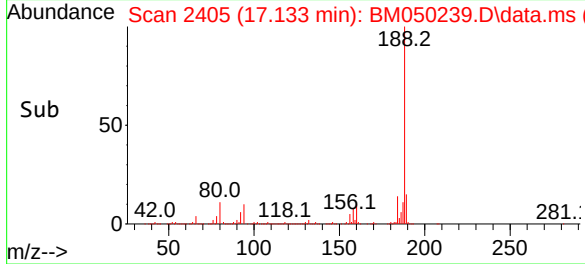
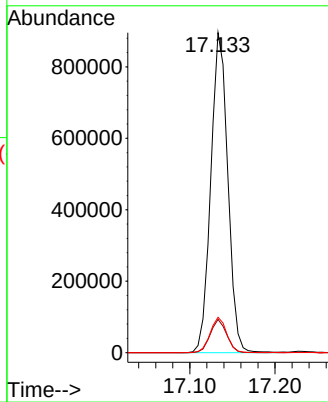
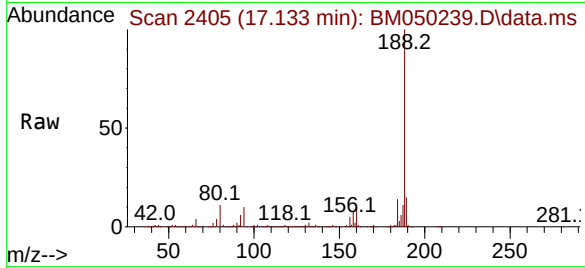




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

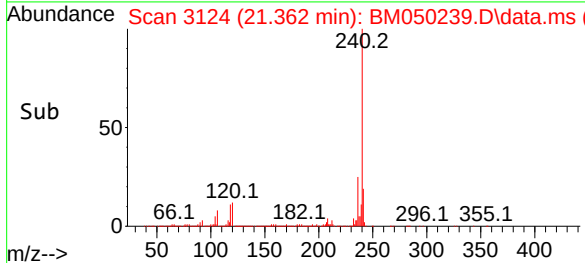
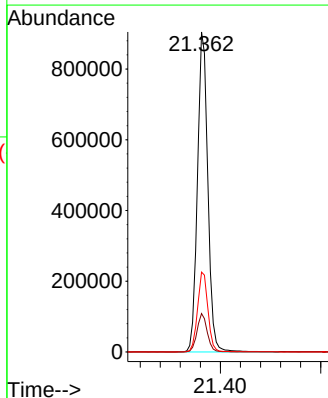
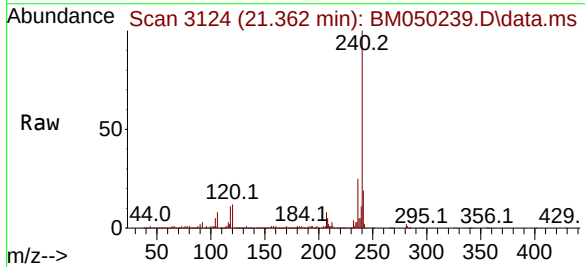
Instrument :
BNA_M
ClientSampleId :
PB168340TB

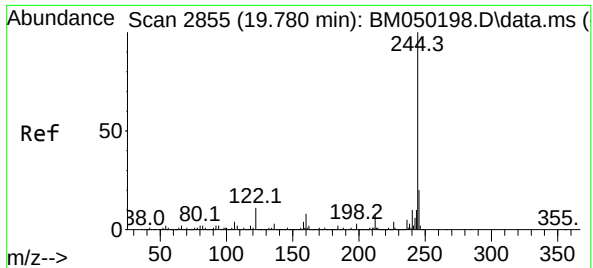
Tgt Ion:188 Resp: 1242521
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:240 Resp: 1296945
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.4
236 25.0 20.7 31.1

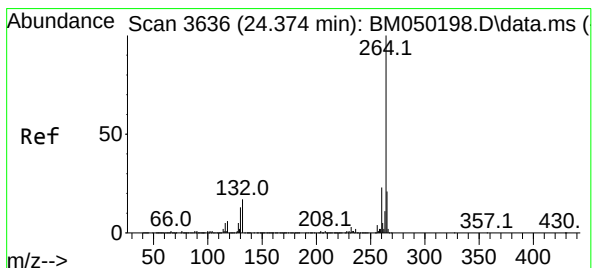
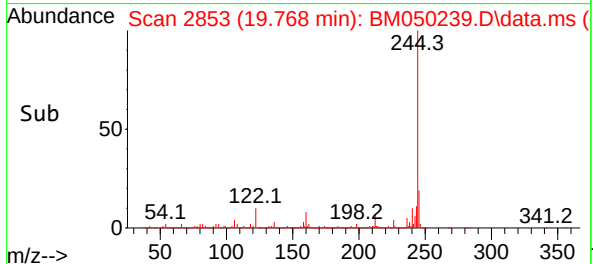
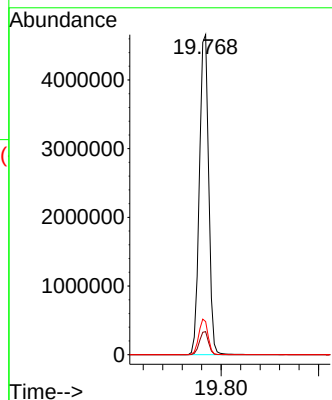
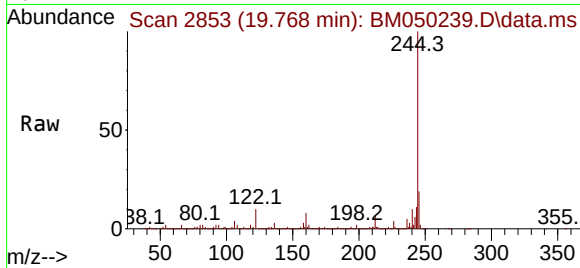




#79
Terphenyl-d14
Concen: 90.295 ng
RT: 19.768 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

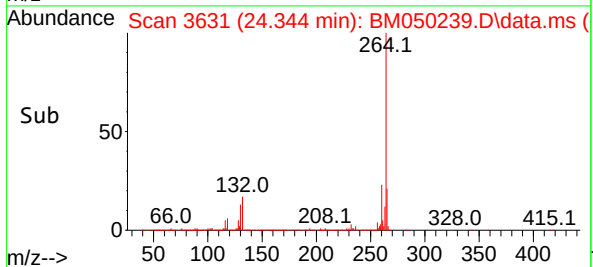
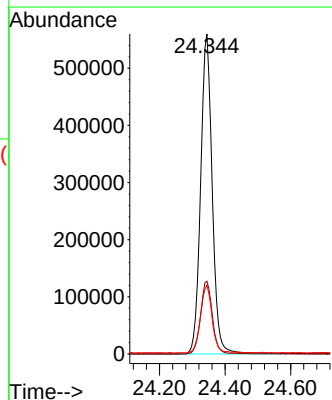
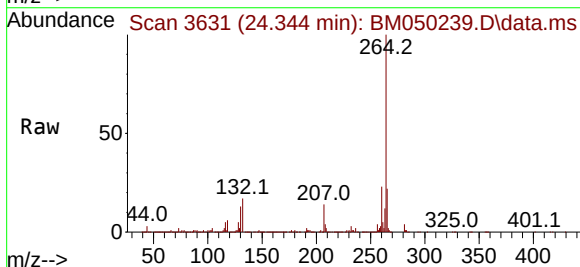
Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion:244 Resp: 6179766
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.4 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:264 Resp: 1380174
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.5 16.8 25.2



Report of Analysis

Client:	G Environmental	Date Collected:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB3	SDG No.:	Q2125
Lab Sample ID:	Q2125-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SPLP BNA Group1
	Decanted :	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
BM050240.D	1	06/06/25 09:15	06/09/25 13:29	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	20.0		0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	97.0		30 (67) - 130 (132)	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		30 (52) - 130 (132)	88%	SPK: 100
1718-51-0	Terphenyl-d14	90.1		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	259000	7.769			
1146-65-2	Naphthalene-d8	1010000	10.551			
15067-26-2	Acenaphthene-d10	582000	14.398			
1517-22-2	Phenanthrene-d10	1100000	17.133			
1719-03-5	Chrysene-d12	1120000	21.362			
1520-96-3	Perylene-d12	1280000	24.338			

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_M\Data\BM060925\
 Data File : BM050240.D
 Acq On : 09 Jun 2025 13:29
 Operator : RC/JU
 Sample : Q2125-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GSB3

Quant Time: Jun 09 14:03:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

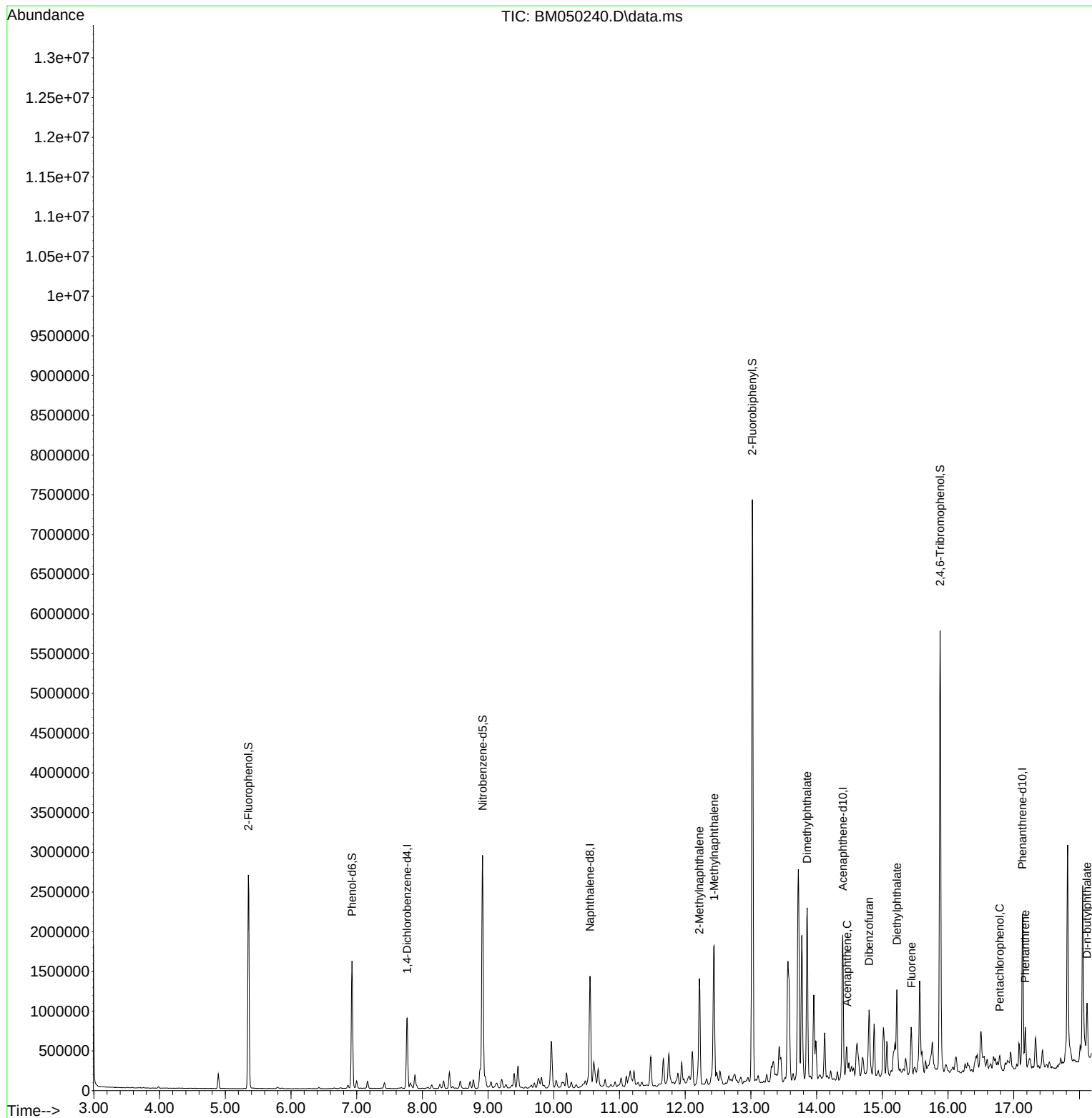
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	258819	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1009931	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	581596	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1095565	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1122304	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1282474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1263506	81.436	ng	0.00
7) Phenol-d6	6.928	99	987737	48.360	ng	0.00
23) Nitrobenzene-d5	8.916	82	1883291	96.983	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1022118	154.510	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	3795297	88.348	ng	0.00
79) Terphenyl-d14	19.762	244	5334082	90.067	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.216	142	628927	19.966	ng	99
38) 1-Methylnaphthalene	12.439	142	813617	24.335	ng	100
50) Dimethylphthalate	13.857	163	1440398	36.620	ng	100
52) Acenaphthene	14.463	154	101935	2.976	ng	96
55) Dibenzofuran	14.798	168	110355	2.202	ng	# 64
58) Fluorene	15.445	166	176099	4.588	ng	# 94
60) Diethylphthalate	15.221	149	548102	14.044	ng	99
70) Pentachlorophenol	16.786	266	20129	2.268	ng	93
71) Phenanthrene	17.174	178	297659	4.756	ng	98
74) Di-n-butylphthalate	18.115	149	638718	10.291	ng	99
78) Pyrene	19.550	202	167785	2.218	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050240.D
Acq On : 09 Jun 2025 13:29
Operator : RC/JU
Sample : Q2125-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3

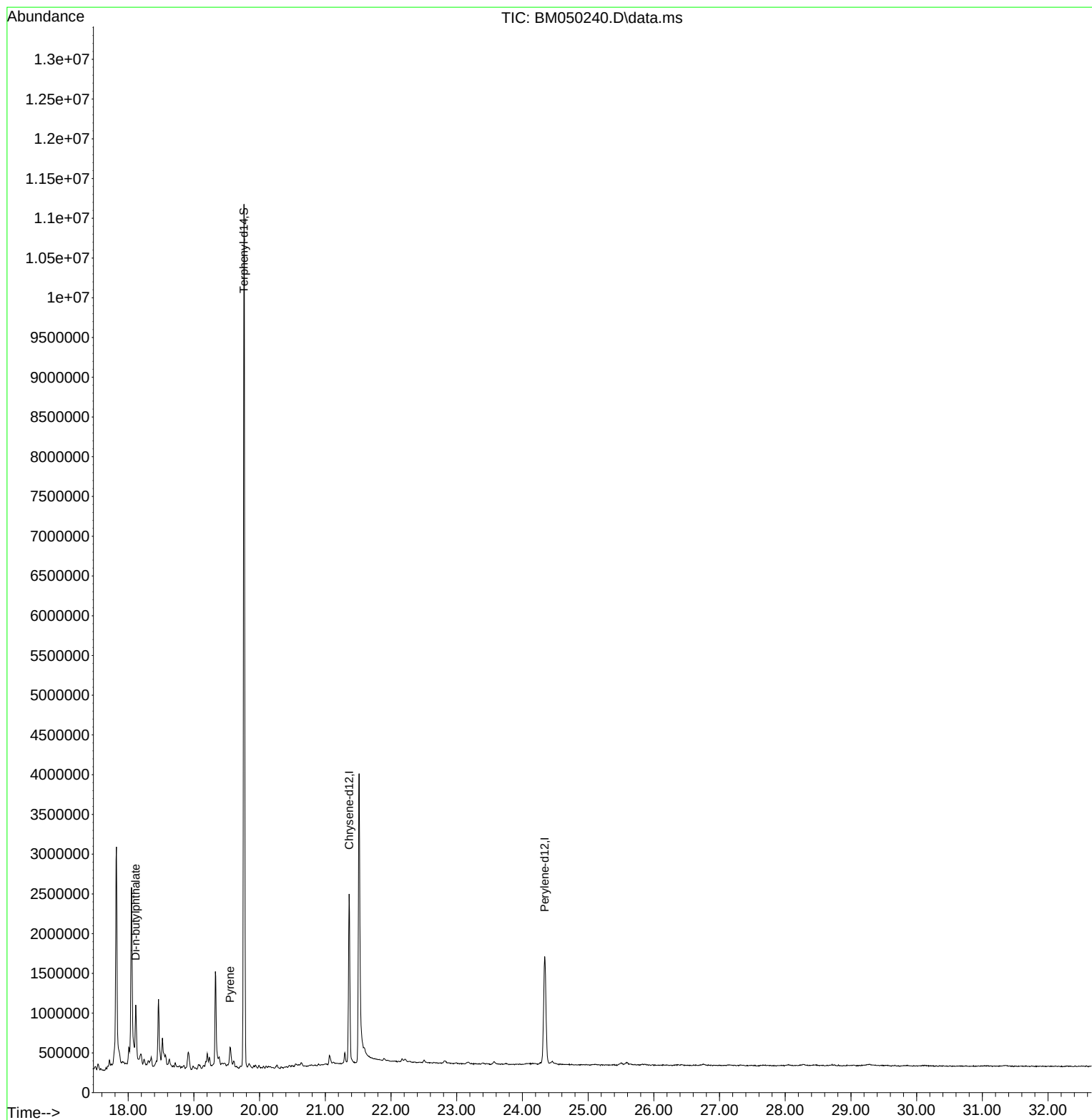
Quant Time: Jun 09 14:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

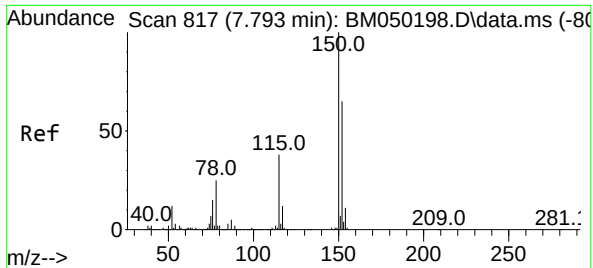


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050240.D
Acq On : 09 Jun 2025 13:29
Operator : RC/JU
Sample : Q2125-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3

Quant Time: Jun 09 14:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

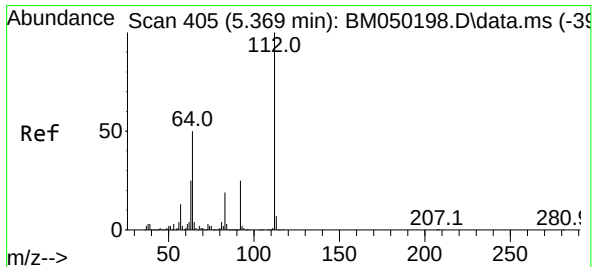
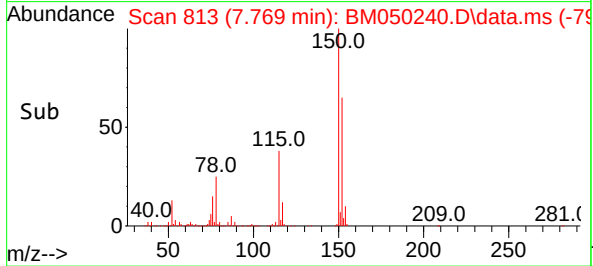
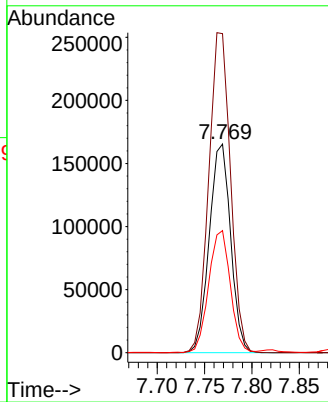
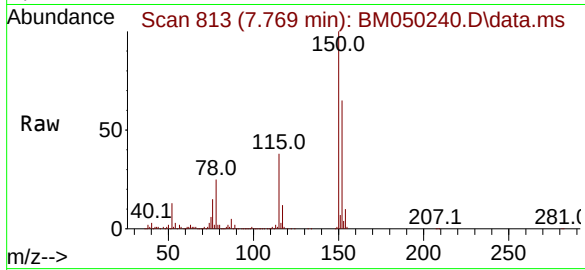




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

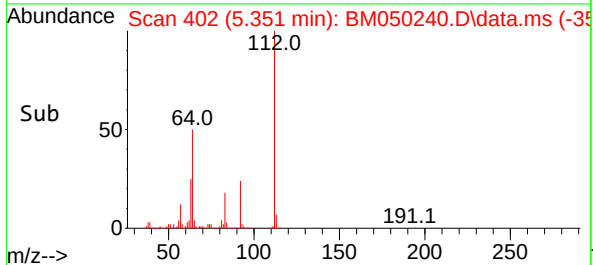
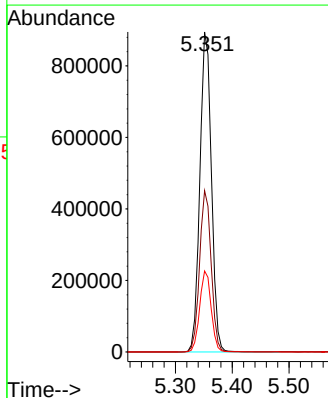
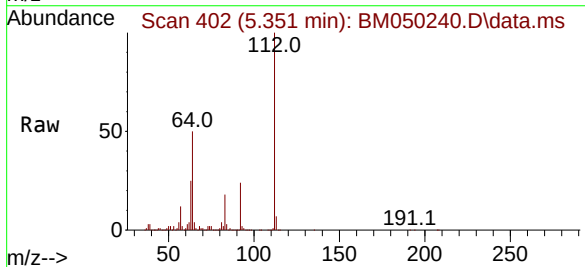
Instrument :
BNA_M
ClientSampleId :
GSB3

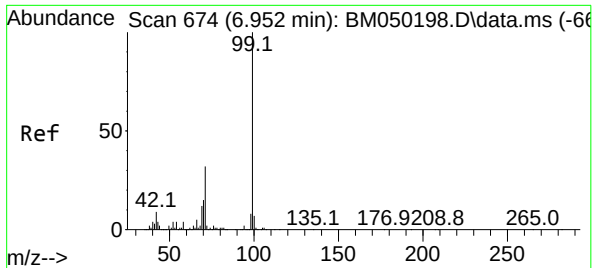
Tgt Ion:152 Resp: 258819
Ion Ratio Lower Upper
152 100
150 152.9 122.2 183.4
115 58.5 46.3 69.5



#5
2-Fluorophenol
Concen: 81.436 ng
RT: 5.351 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:112 Resp: 1263506
Ion Ratio Lower Upper
112 100
64 50.4 39.8 59.6
63 25.3 19.8 29.8

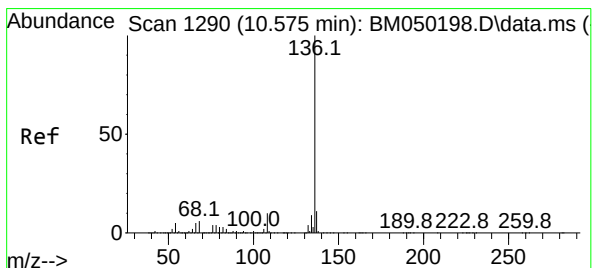
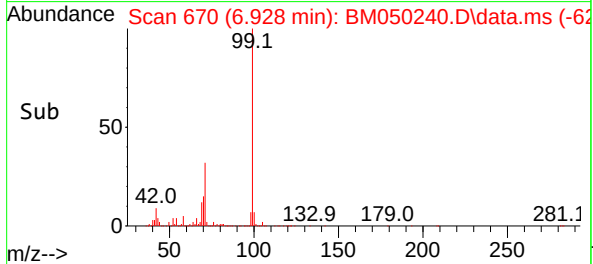
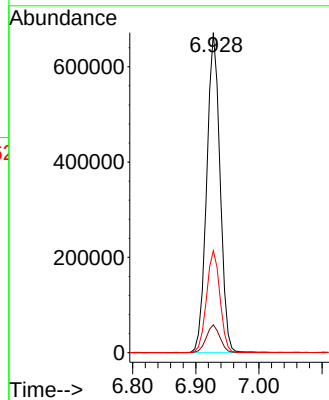
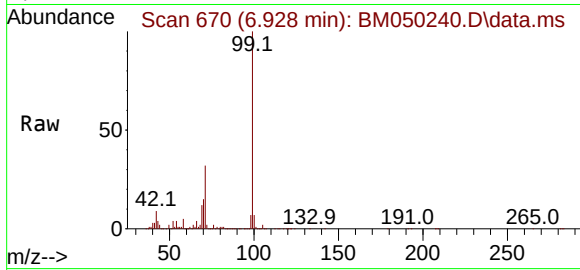




#7
Phenol-d6
Concen: 48.360 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

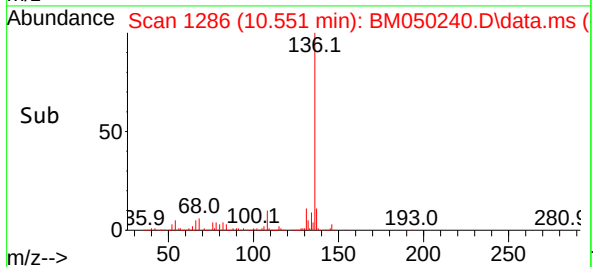
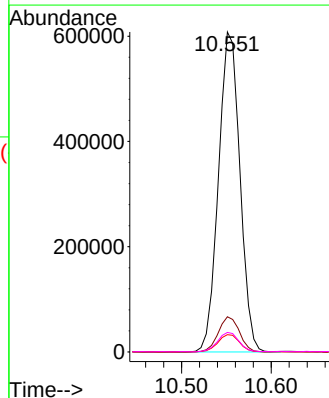
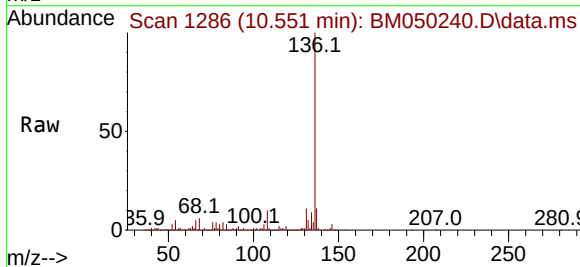
Instrument :
BNA_M
ClientSampleId :
GSB3

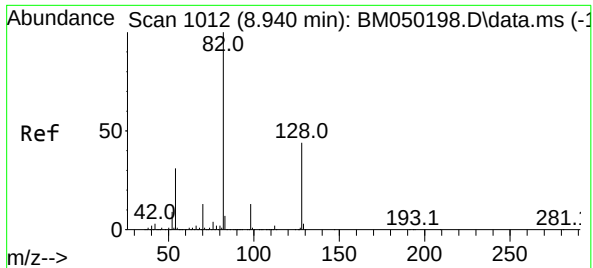
Tgt Ion: 99 Resp: 987737
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 31.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion: 136 Resp: 1009931
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.4 3.8 5.8
68 6.1 4.9 7.3

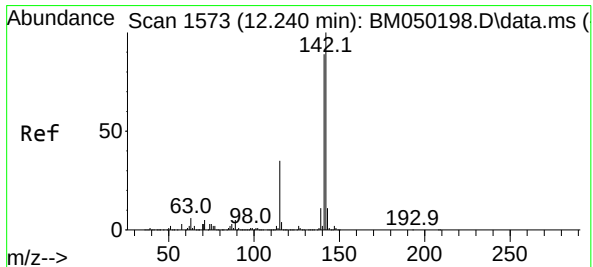
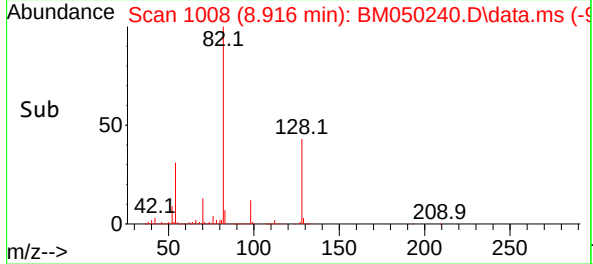
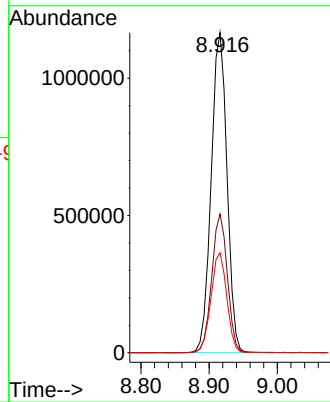
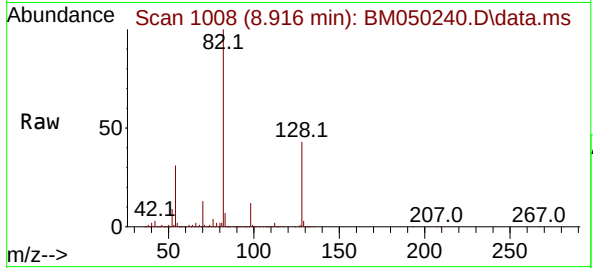




#23
Nitrobenzene-d5
Concen: 96.983 ng
RT: 8.916 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

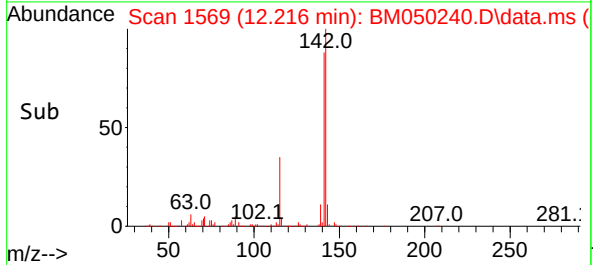
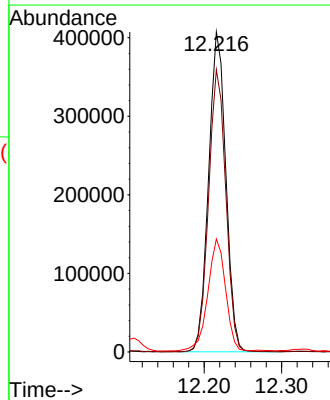
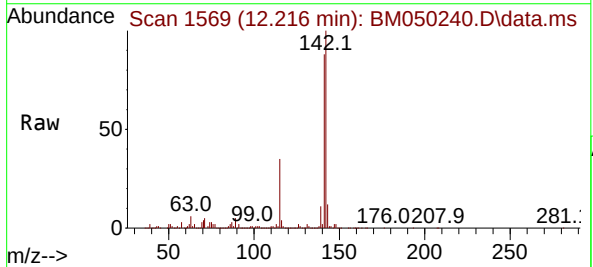
Instrument :
BNA_M
ClientSampleId :
GSB3

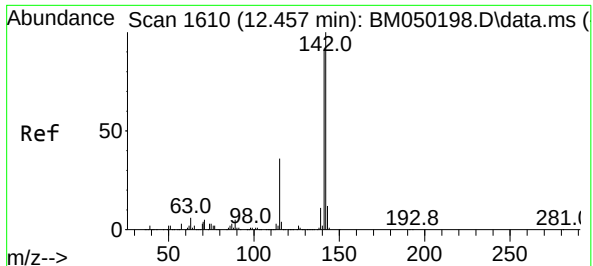
Tgt Ion: 82 Resp: 1883291
Ion Ratio Lower Upper
82 100
128 43.3 35.2 52.8
54 31.2 24.5 36.7



#37
2-Methylnaphthalene
Concen: 19.966 ng
RT: 12.216 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:142 Resp: 628927
Ion Ratio Lower Upper
142 100
141 88.2 71.5 107.3
115 35.3 27.8 41.8

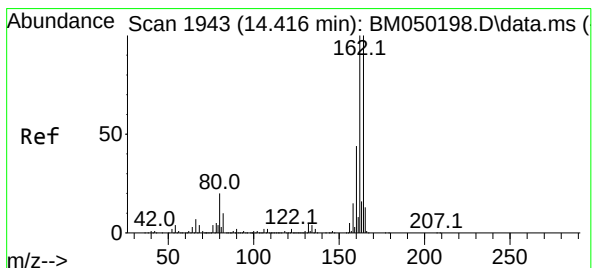
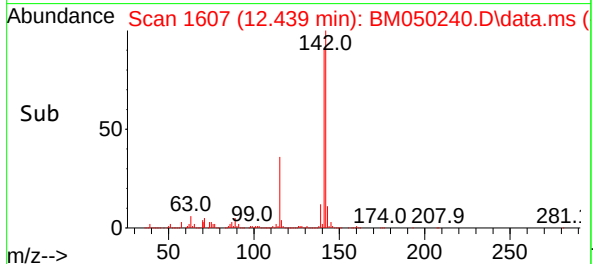
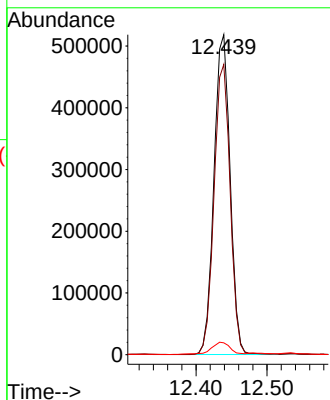
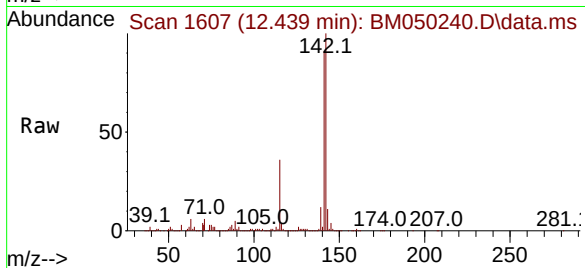




#38
1-Methylnaphthalene
Concen: 24.335 ng
RT: 12.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

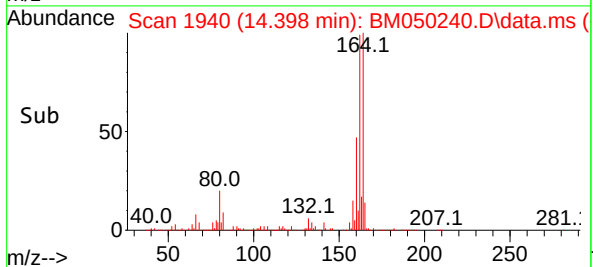
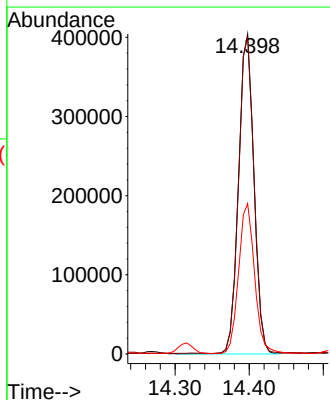
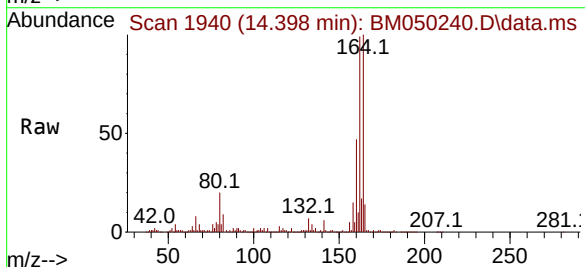
Instrument :
BNA_M
ClientSampleId :
GSB3

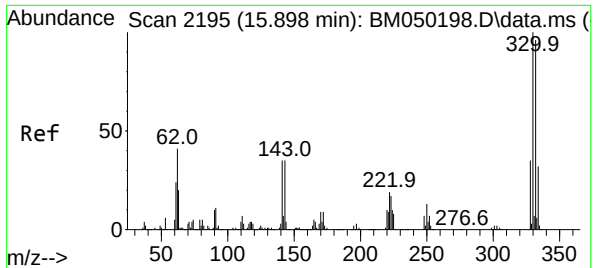
Tgt Ion:142 Resp: 813617
Ion Ratio Lower Upper
142 100
141 90.7 72.9 109.3
116 3.7 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:164 Resp: 581596
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.4
160 47.0 35.7 53.5

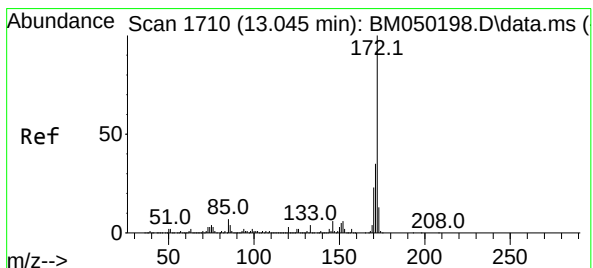
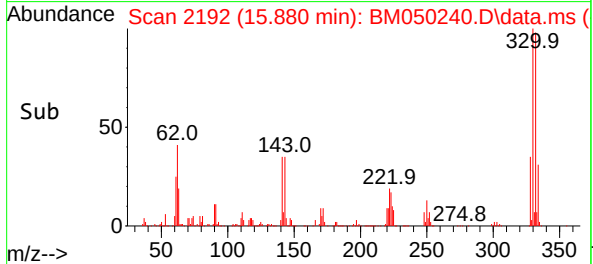
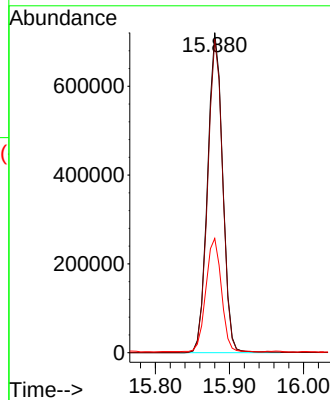
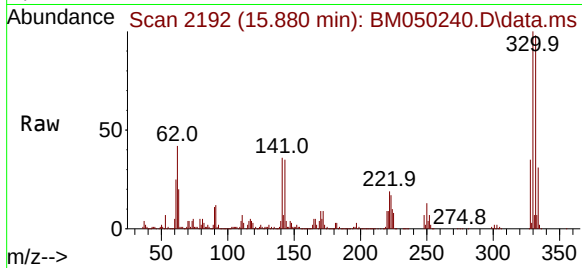




#42
2,4,6-Tribromophenol
Concen: 154.510 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

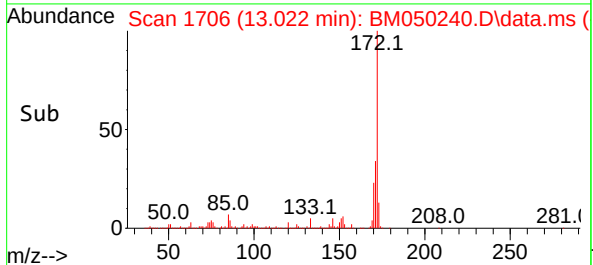
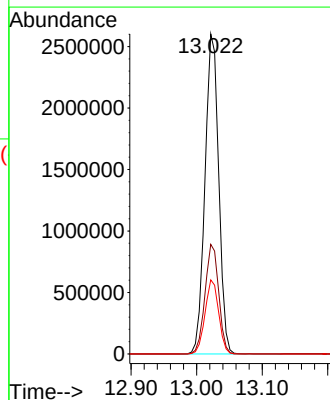
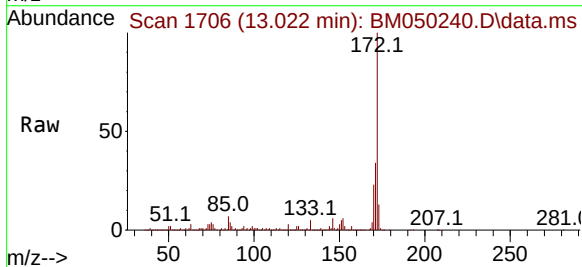
Instrument :
BNA_M
ClientSampleId :
GSB3

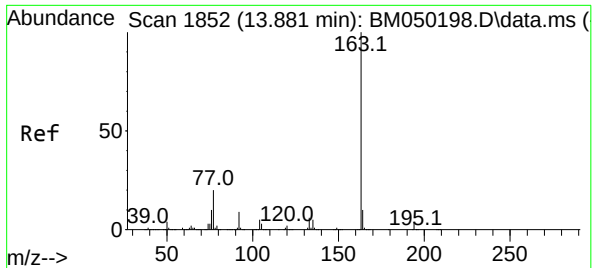
Tgt Ion:330 Resp: 1022118
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 36.3 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.348 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:172 Resp: 3795297
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.1 18.6 27.8





#50

Dimethylphthalate

Concen: 36.620 ng

RT: 13.857 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

Instrument :

BNA_M

ClientSampleId :

GSB3

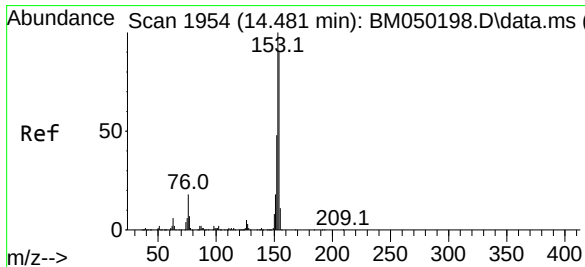
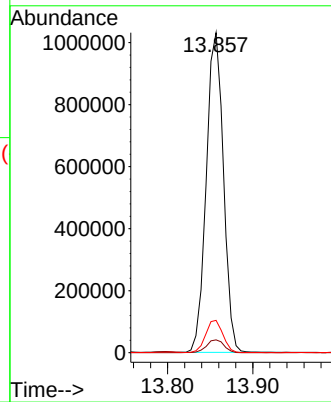
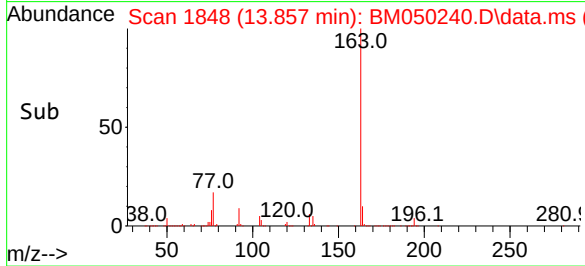
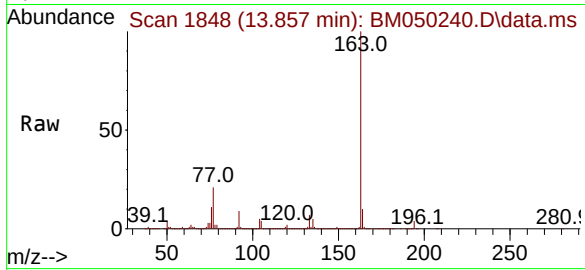
Tgt Ion:163 Resp: 1440398

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 7.9 11.9



#52

Acenaphthene

Concen: 2.976 ng

RT: 14.463 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

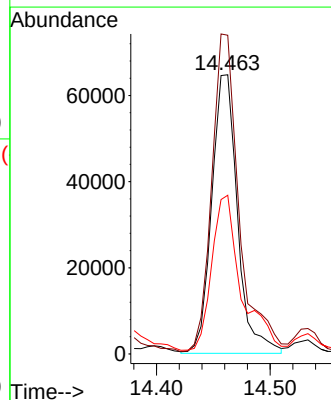
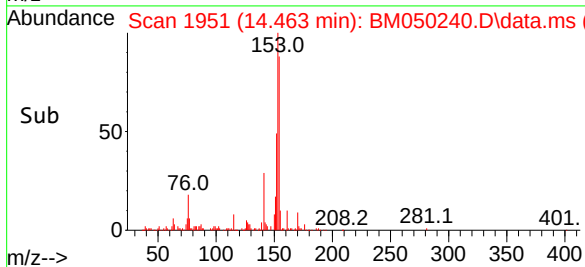
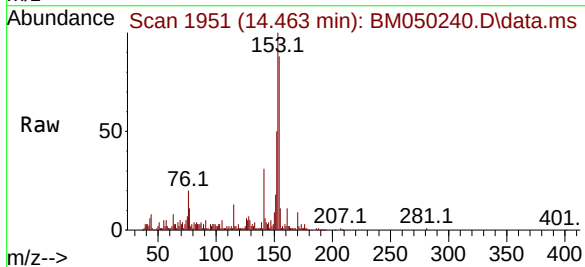
Tgt Ion:154 Resp: 101935

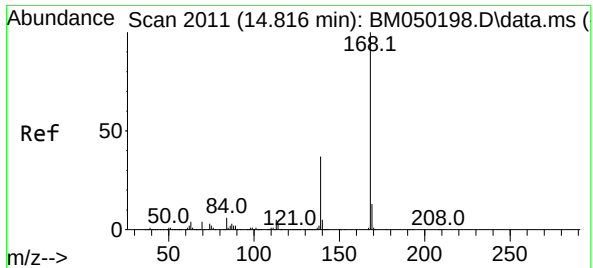
Ion Ratio Lower Upper

154 100

153 114.2 88.7 133.1

152 56.9 42.6 63.8

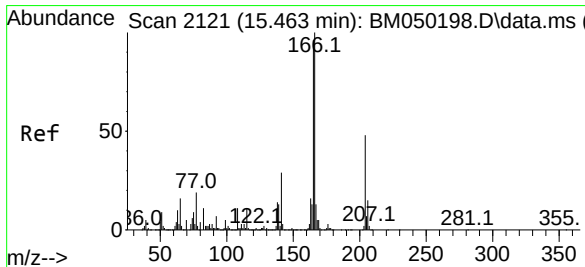
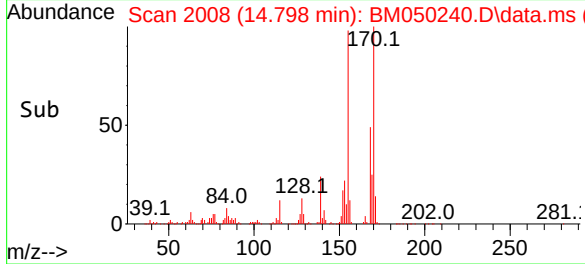
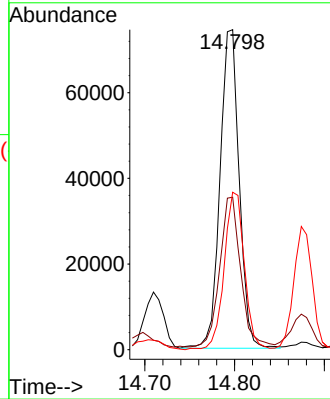
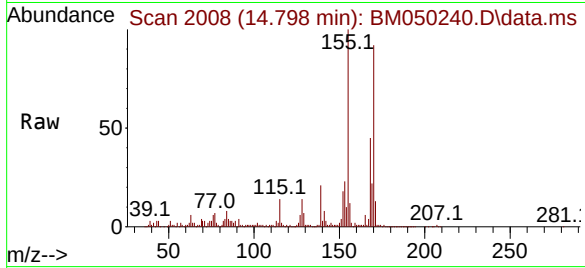




#55
Dibenzofuran
Concen: 2.202 ng
RT: 14.798 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

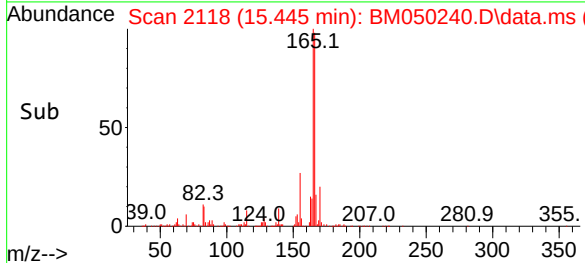
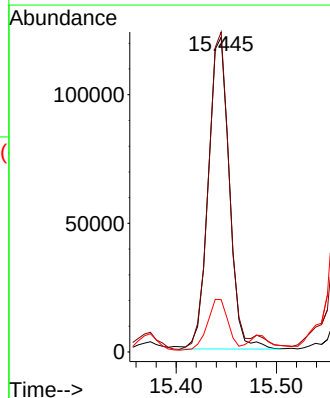
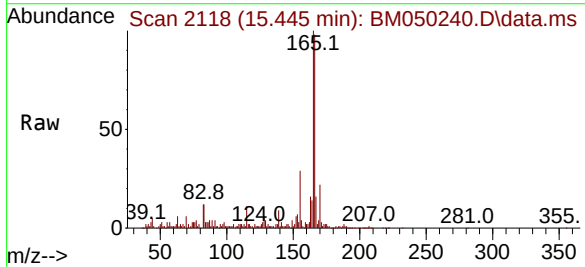
Instrument :
BNA_M
ClientSampleId :
GSB3

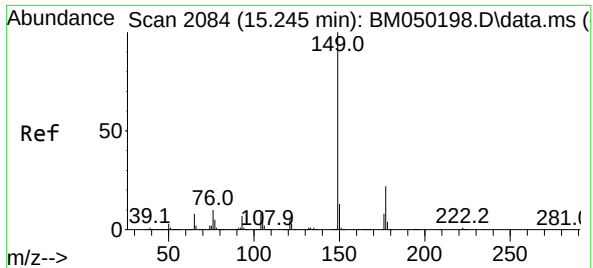
Tgt Ion:168 Resp: 110355
Ion Ratio Lower Upper
168 100
139 47.6 29.9 44.9#
169 49.2 10.6 16.0#



#58
Fluorene
Concen: 4.588 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:166 Resp: 176099
Ion Ratio Lower Upper
166 100
165 101.7 77.0 115.4
167 16.6 10.7 16.1#

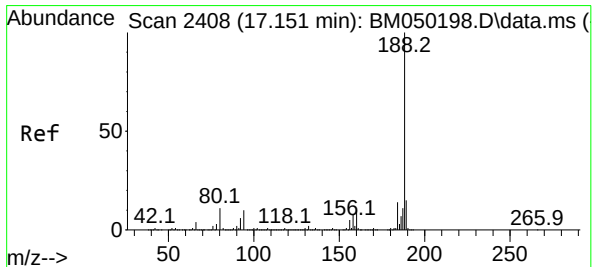
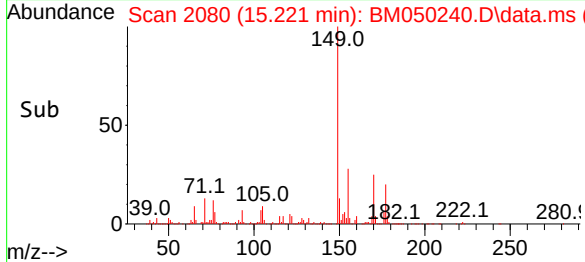
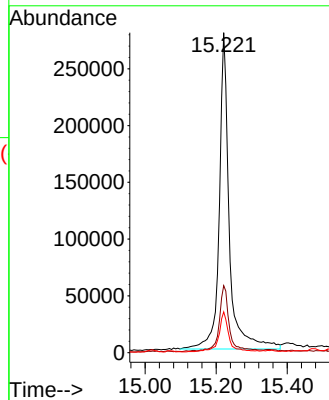
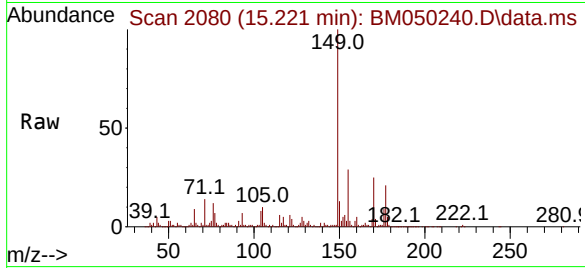




#60
Diethylphthalate
Concen: 14.044 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

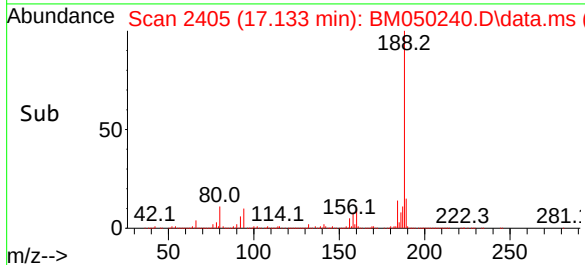
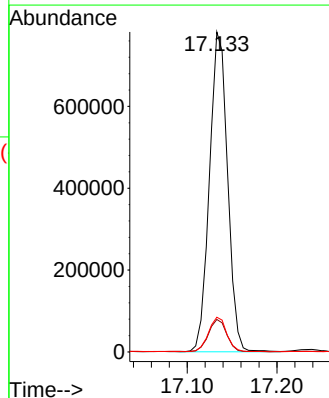
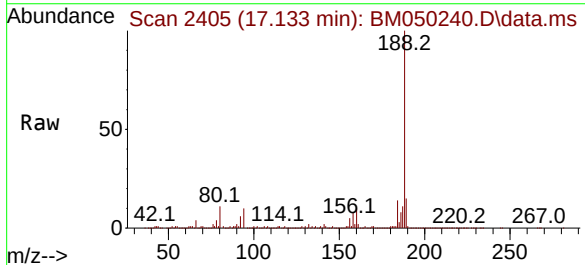
Instrument :
BNA_M
ClientSampleId :
GSB3

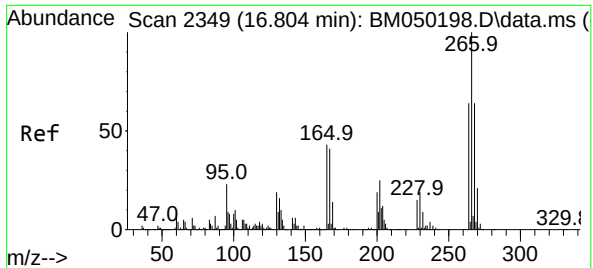
Tgt Ion:149 Resp: 548102
Ion Ratio Lower Upper
149 100
177 20.9 17.2 25.8
150 12.7 10.0 15.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:188 Resp: 1095565
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.8 8.6 13.0

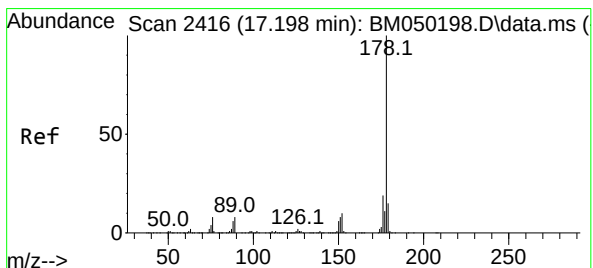
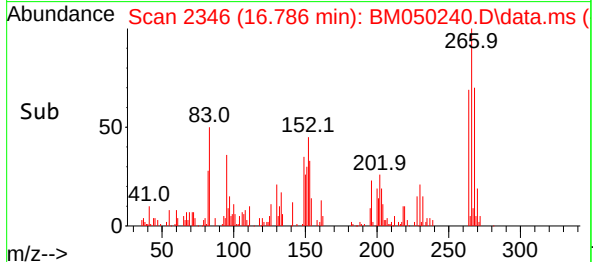
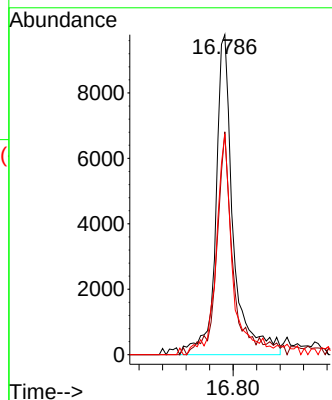
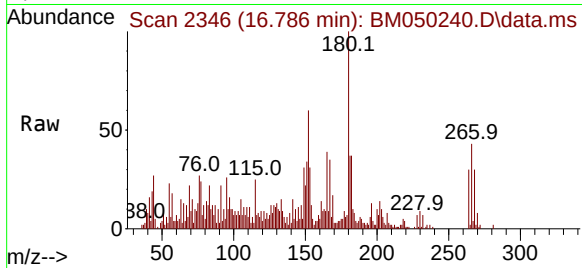




#70
Pentachlorophenol
Concen: 2.268 ng
RT: 16.786 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

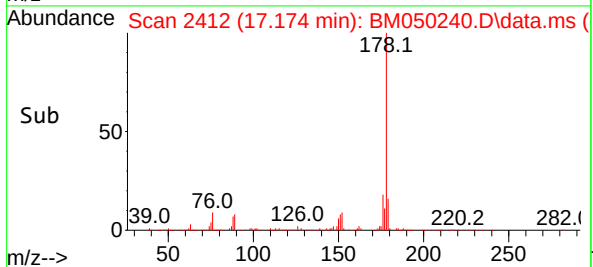
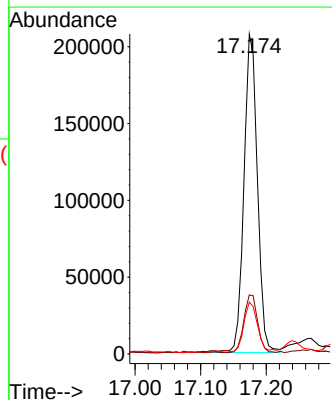
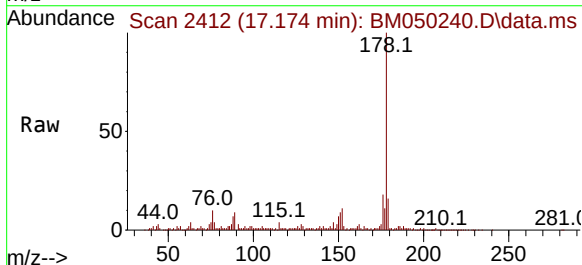
Instrument :
BNA_M
ClientSampleId :
GSB3

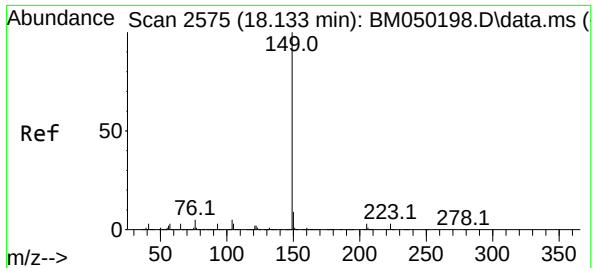
Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.6	51.0	76.6
264	68.9	50.8	76.2



#71
Phenanthrene
Concen: 4.756 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.2	12.3	18.5

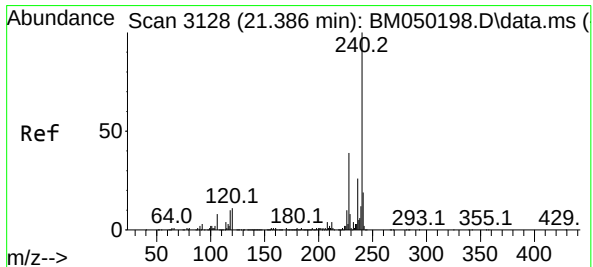
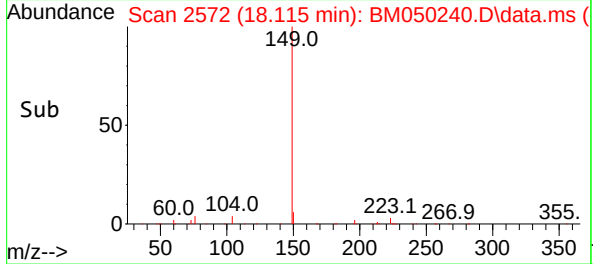
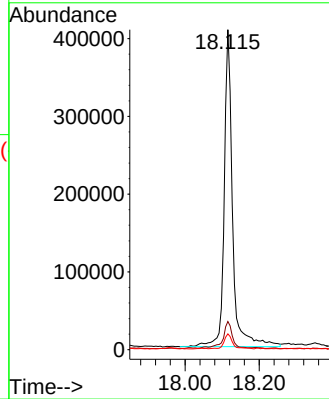
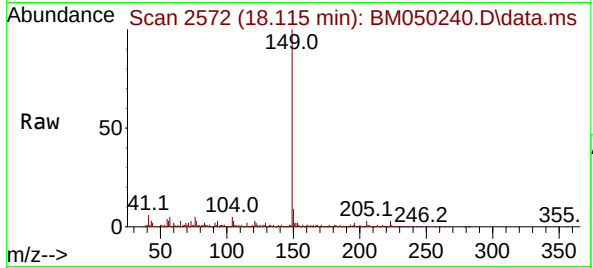




#74
Di-n-butylphthalate
Concen: 10.291 ng
RT: 18.115 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

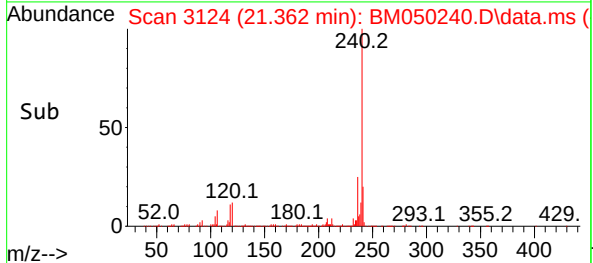
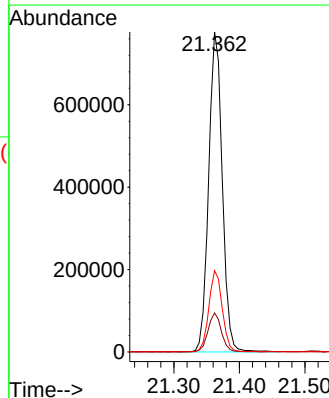
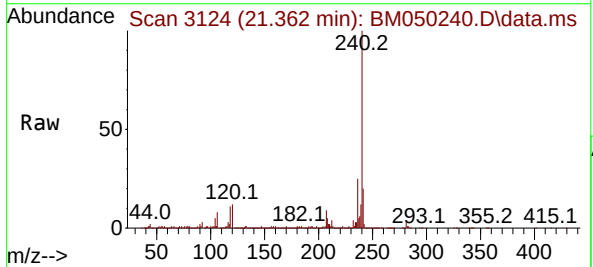
Instrument :
BNA_M
ClientSampleId :
GSB3

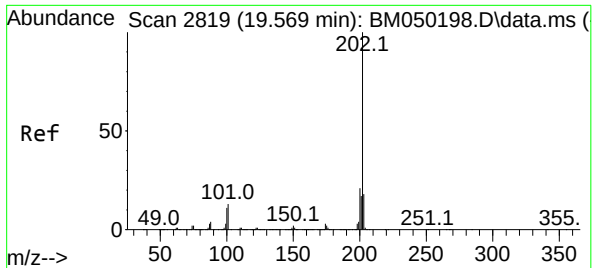
Tgt Ion:149 Resp: 638718
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 5.0 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:240 Resp: 1122304
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 25.4 20.7 31.1

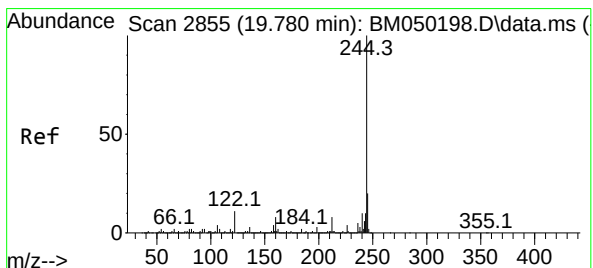
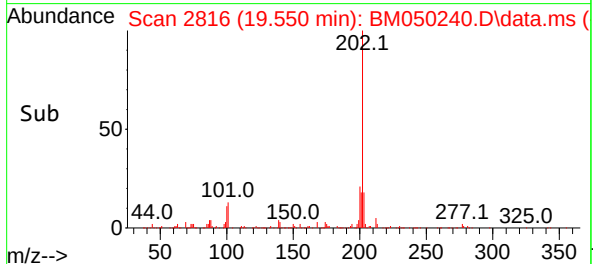
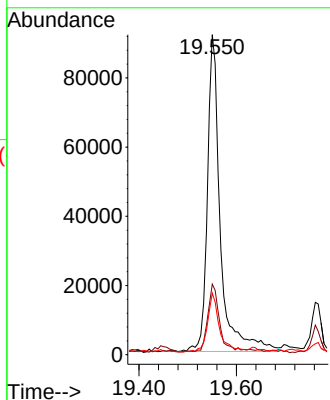
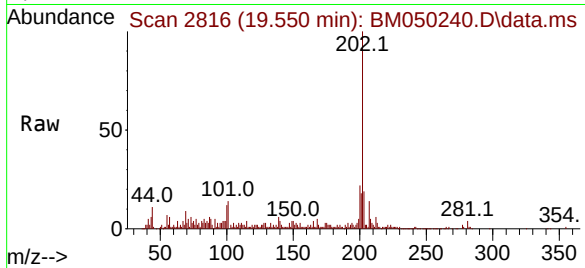




#78
Pyrene
Concen: 2.218 ng
RT: 19.550 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

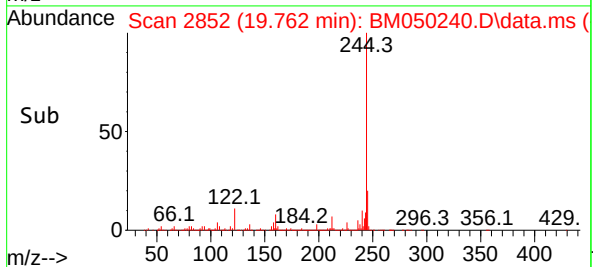
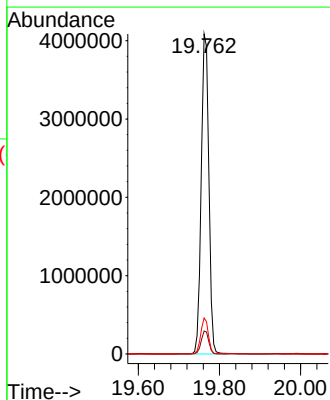
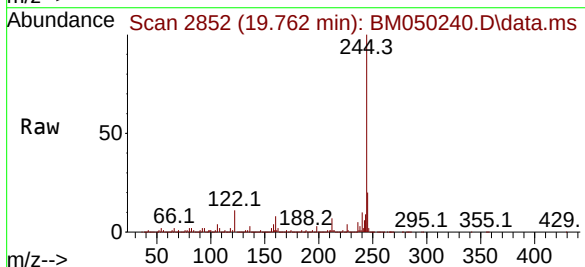
Instrument :
BNA_M
ClientSampleId :
GSB3

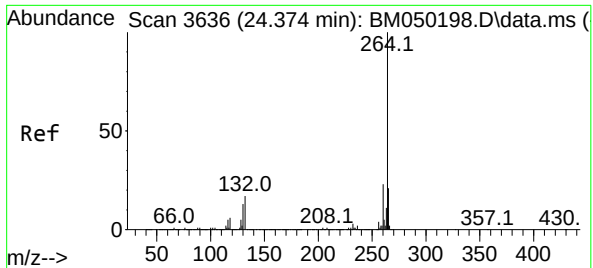
Tgt Ion:202 Resp: 167785
Ion Ratio Lower Upper
202 100
200 22.1 16.7 25.1
203 19.2 14.1 21.1



#79
Terphenyl-d14
Concen: 90.067 ng
RT: 19.762 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

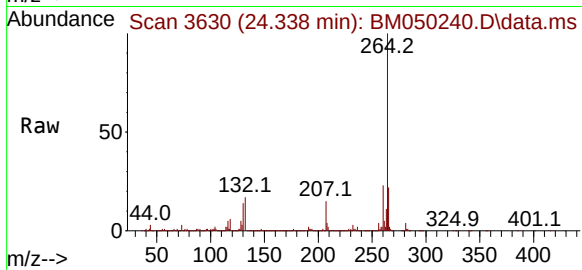
Tgt Ion:244 Resp: 5334082
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.2 8.6 12.8



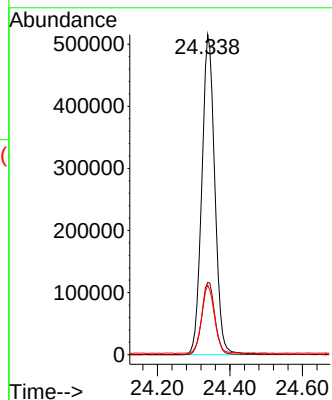
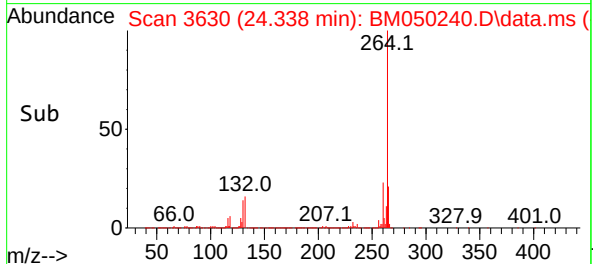


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3



Tgt Ion:264 Resp: 1282474
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 21.7 16.8 25.2





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: GENV01
 Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125
 Instrument ID: BNA_M Calibration Date(s): 06/05/2025 06/05/2025
 Calibration Time(s): 09:20 13:56

LAB FILE ID:		RRF2.5 = BM050194.D		RRF005 = BM050195.D		RRF010 = BM050196.D		
		RRF020 = BM050197.D		RRF040 = BM050198.D		RRF050 = BM050199.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.251	1.193	1.192	1.145	1.238	1.199	3.5
Phenol-d6		1.569	1.521	1.617	1.565	1.699	1.578	4.0
Nitrobenzene-d5		0.359	0.362	0.392	0.377	0.414	0.385	5.4
Naphthalene		1.111	1.041	1.056	0.977	1.061	1.034	4.8
2-Methylnaphthalene		0.625	0.592	0.643	0.615	0.679	0.624	4.8
2-Fluorobiphenyl		1.589	1.536	1.532	1.377	1.463	1.477	5.7
2,4,6-Tribromophenol		0.210	0.213	0.238	0.231	0.254	0.227	7.0
Terphenyl-d14		1.148	1.088	1.165	1.010	1.064	1.055	8.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM060525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jun 05 16:20:25 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BM050194.D 5 =BM050195.D 10 =BM050196.D 20 =BM050197.D 40 =BM050198.D 50 =BM050199.D 60 =BM050200.D 80 =BM050201.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.597	0.552	0.516	0.479	0.511	0.536	0.488	0.526	7.69	
3)	Pyridine	1.353	1.352	1.370	1.311	1.425	1.389	1.326	1.361	2.80	
4)	n-Nitrosodimet...	0.283	0.265	0.279	0.272	0.297	0.293	0.282	0.281	3.95	
5) S	2-Fluorophenol	1.251	1.193	1.192	1.145	1.238	1.224	1.150	1.199	3.45	
6)	Aniline	2.033	2.016	2.147	2.065	2.250	2.064	2.031	2.086	4.02	
7) S	Phenol-d6	1.569	1.521	1.617	1.565	1.699	1.560	1.516	1.578	4.00	
8)	2-Chlorophenol	1.289	1.259	1.344	1.295	1.418	1.338	1.288	1.319	4.02	
9)	Benzaldehyde	1.188	1.080	1.096	0.878	0.975	0.804		1.003	14.43	
10) C	Phenol	1.673	1.644	1.710	1.644	1.782	1.637	1.600	1.670	3.58	
11)	bis(2-Chloroet...	1.396	1.319	1.380	1.315	1.428	1.295	1.269	1.343	4.36	
12)	1,3-Dichlorobe...	1.516	1.462	1.491	1.412	1.545	1.485	1.409	1.474	3.46	
13) C	1,4-Dichlorobe...	1.619	1.544	1.564	1.450	1.591	1.525	1.444	1.534	4.34	
14)	1,2-Dichlorobe...	1.503	1.456	1.492	1.402	1.540	1.450	1.392	1.462	3.68	
15)	Benzyl Alcohol	1.072	1.045	1.152	1.141	1.267	1.102	1.101	1.126	6.43	
16)	2,2'-oxybis(1-...	1.012	0.949	0.974	0.909	0.978	0.863	0.845	0.933	6.68	
17)	2-Methylphenol	1.078	1.042	1.133	1.108	1.207	1.077	1.068	1.102	4.96	
18)	Hexachloroethane	0.564	0.544	0.552	0.533	0.593	0.559	0.543	0.556	3.51	
19) P	n-Nitroso-di-n...	0.847	0.944	0.947	1.072	1.001	1.096	0.906	0.913	0.966	8.82
20)	3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.437	1.438	1.474	6.98
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.515	0.506	0.517	0.476	0.519	0.495	0.470	0.500	4.03	
23) S	Nitrobenzene-d5	0.359	0.362	0.392	0.377	0.414	0.406	0.382	0.385	5.42	
24)	Nitrobenzene	0.333	0.337	0.359	0.339	0.370	0.363	0.347	0.350	4.10	
25)	Isophorone	0.647	0.624	0.685	0.659	0.733	0.652	0.646	0.664	5.33	
26) C	2-Nitrophenol	0.116	0.124	0.146	0.155	0.178	0.169	0.169	0.151	15.65	
27)	2,4-Dimethylph...	0.311	0.298	0.315	0.303	0.332	0.313	0.299	0.310	3.80	
28)	bis(2-Chloroet...	0.426	0.413	0.447	0.427	0.470	0.432	0.420	0.434	4.42	
29) C	2,4-Dichloroph...	0.265	0.262	0.289	0.286	0.319	0.300	0.289	0.287	6.83	
30)	1,2,4-Trichlor...	0.324	0.307	0.321	0.305	0.337	0.330	0.312	0.319	3.72	
31)	Naphthalene	1.111	1.041	1.056	0.977	1.061	1.025	0.969	1.034	4.79	
32)	Benzoic acid		0.127	0.176	0.204	0.233	0.211	0.219	0.195	19.69	
33)	4-Chloroaniline	0.438	0.423	0.454	0.433	0.477	0.440	0.422	0.441	4.37	
34) C	Hexachlorobuta...	0.188	0.184	0.189	0.182	0.202	0.197	0.188	0.190	3.74	
35)	Caprolactam	0.077	0.077	0.093	0.097	0.112	0.092	0.090	0.091	13.48	
36) C	4-Chloro-3-met...	0.293	0.276	0.313	0.313	0.347	0.302	0.299	0.306	7.19	
37)	2-Methylnaphth...	0.625	0.592	0.643	0.615	0.679	0.619	0.594	0.624	4.78	
38)	1-Methylnaphth...	0.676	0.637	0.689	0.649	0.714	0.648	0.622	0.662	4.86	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM060525.M

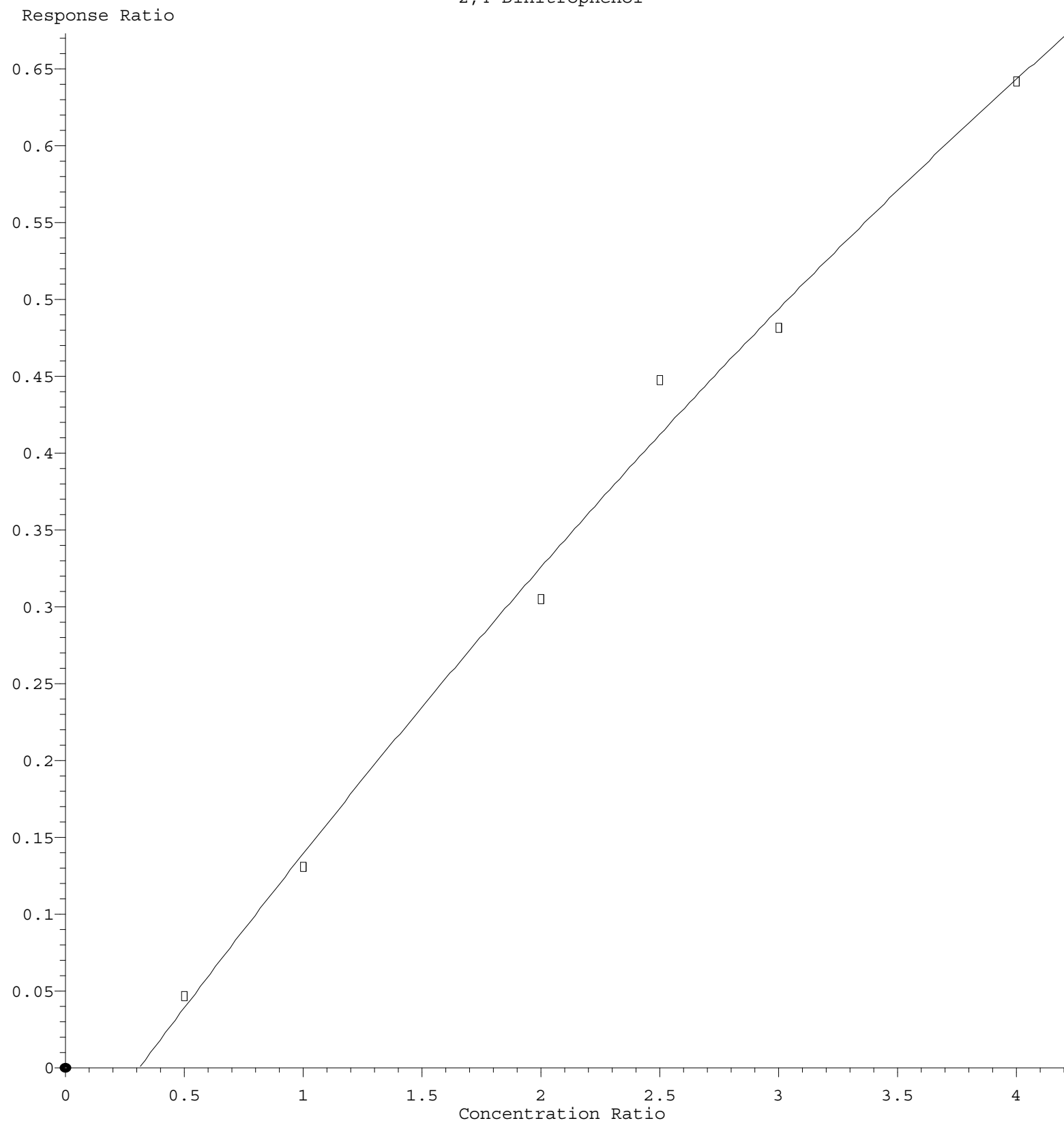
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.586	0.561	0.585	0.541	0.589	0.607	0.574	0.578	3.71	
41) P	Hexachlorocycl...	0.295	0.305	0.339	0.341	0.382	0.401	0.392	0.351	12.02	
42) S	2,4,6-Tribromo...	0.210	0.213	0.238	0.231	0.254	0.233	0.214	0.227	6.99	
43) C	2,4,6-Trichlor...	0.346	0.347	0.379	0.375	0.414	0.402	0.396	0.380	6.93	
44)	2,4,5-Trichlor...	0.371	0.382	0.424	0.414	0.457	0.442	0.429	0.417	7.46	
45) S	2-Fluorobiphenyl	1.589	1.536	1.532	1.377	1.463	1.480	1.364	1.477	5.67	
46)	1,1'-Biphenyl	1.582	1.513	1.514	1.404	1.526	1.508	1.437	1.498	3.96	
47)	2-Chloronaphth...	1.221	1.194	1.180	1.084	1.171	1.177	1.123	1.164	3.94	
48)	2-Nitroaniline	0.200	0.206	0.252	0.268	0.302	0.290	0.277	0.256	15.56	
49)	Acenaphthylene	1.863	1.834	1.940	1.819	1.978	1.924	1.824	1.883	3.39	
50)	Dimethylphthalate	1.339	1.285	1.398	1.343	1.474	1.344	1.284	1.353	4.92	
51)	2,6-Dinitrotol...	0.204	0.231	0.284	0.289	0.320	0.297	0.284	0.273	14.82	
52) C	Acenaphthene	1.217	1.176	1.185	1.132	1.228	1.181	1.127	1.178	3.24	
53)	3-Nitroaniline	0.231	0.252	0.312	0.323	0.360	0.336	0.314	0.304	15.16	
54) P	2,4-Dinitrophenol		0.093	0.131	0.152	0.179	0.160	0.160	0.146	20.67	
55)	Dibenzofuran	1.782	1.710	1.775	1.662	1.797	1.719	1.617	1.723	3.87	
56) P	4-Nitrophenol	0.199	0.216	0.265	0.274	0.307	0.288	0.262	0.259	14.93	
57)	2,4-Dinitrotol...	0.250	0.283	0.365	0.396	0.447	0.398	0.380	0.360	19.28	
58)	Fluorene	1.413	1.358	1.394	1.267	1.348	1.289	1.169	1.320	6.40	
59)	2,3,4,6-Tetrac...	0.338	0.330	0.370	0.365	0.401	0.371	0.350	0.361	6.60	
60)	Diethylphthalate	1.314	1.272	1.416	1.346	1.490	1.317	1.238	1.342	6.43	
61)	4-Chlorophenyl...	0.675	0.656	0.667	0.611	0.660	0.623	0.573	0.638	5.81	
62)	4-Nitroaniline	0.213	0.236	0.291	0.308	0.342	0.319	0.285	0.285	16.00	
63)	Azobenzene	1.342	1.330	1.415	1.313	1.443	1.316	1.230	1.341	5.25	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.075	0.101	0.111	0.128	0.120	0.121	0.109	17.72	
66) c	n-Nitrosodiphe...	0.630	0.626	0.639	0.594	0.646	0.639	0.625	0.628	2.73	
67)	4-Bromophenyl-...	0.207	0.204	0.215	0.204	0.228	0.217	0.218	0.213	4.13	
68)	Hexachlorobenzene	0.249	0.240	0.253	0.238	0.261	0.255	0.249	0.249	3.29	
69)	Atrazine	0.166	0.177	0.206	0.206	0.231	0.212	0.204	0.200	10.86	
70) C	Pentachlorophenol	0.133	0.138	0.165	0.164	0.187	0.177	0.171	0.162	12.21	
71)	Phenanthrene	1.239	1.156	1.160	1.071	1.161	1.144	1.068	1.143	5.14	
72)	Anthracene	1.167	1.135	1.175	1.086	1.181	1.165	1.092	1.143	3.46	
73)	Carbazole	1.041	1.003	1.063	1.009	1.103	1.085	0.985	1.041	4.30	
74)	Di-n-butylphth...	0.998	1.007	1.187	1.159	1.300	1.187	1.093	1.133	9.53	
75) C	Fluoranthene	1.180	1.139	1.231	1.178	1.301	1.284	1.121	1.205	5.77	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine		0.381	0.568	0.617	0.689	0.600	0.520	0.562	18.64	
78)	Pyrene	1.331	1.307	1.444	1.324	1.423	1.274	1.334	1.348	4.61	
79) S	Terphenyl-d14	1.148	1.088	1.165	1.010	1.064	0.955	0.957	1.055	8.06	
80)	Butylbenzylpht...	0.322	0.347	0.460	0.490	0.563	0.480	0.485	0.450	18.95	
81)	Benzo(a)anthra...	1.271	1.231	1.298	1.218	1.338	1.280	1.225	1.266	3.47	
82)	3,3'-Dichlorob...	0.265	0.301	0.379	0.415	0.476	0.450	0.416	0.386	19.97	
83)	Chrysene	1.235	1.184	1.225	1.151	1.256	1.217	1.161	1.204	3.27	
84)	Bis(2-ethylhex...	0.525	0.574	0.702	0.740	0.851	0.741	0.714	0.693	15.84	
85) c	Di-n-octyl pht...	0.641	0.729	0.936	1.114	1.359	1.245	1.169	1.028	26.08	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.189	1.183	1.254	1.191	1.318	1.472	1.407	1.288	8.99
88)	Benzo(b)fluora...	1.104	1.082	1.205	1.170	1.269	1.178	1.132	1.163	5.46
89)	Benzo(k)fluora...	1.141	1.149	1.222	1.167	1.295	1.190	1.144	1.187	4.71
90) C	Benzo(a)pyrene	0.994	1.007	1.111	1.081	1.197	1.153	1.111	1.093	6.73
91)	Dibenzo(a,h)an...	0.954	0.966	1.021	0.972	1.075	1.188	1.141	1.045	8.83
92)	Benzo(g,h,i)pe...	1.002	0.978	1.013	0.954	1.037	1.194	1.146	1.046	8.57

(#) = Out of Range

2,4-Dinitrophenol



$R = -9.297e-003 A^2 + 2.144e-001 A - 6.582e-002$
 Coef of Det (r^2) = 0.992237 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM060525.M
 Calibration Table Last Updated: Thu Jun 05 16:20:25 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050194.D
 Acq On : 05 Jun 2025 09:20
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jun 05 15:11:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

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

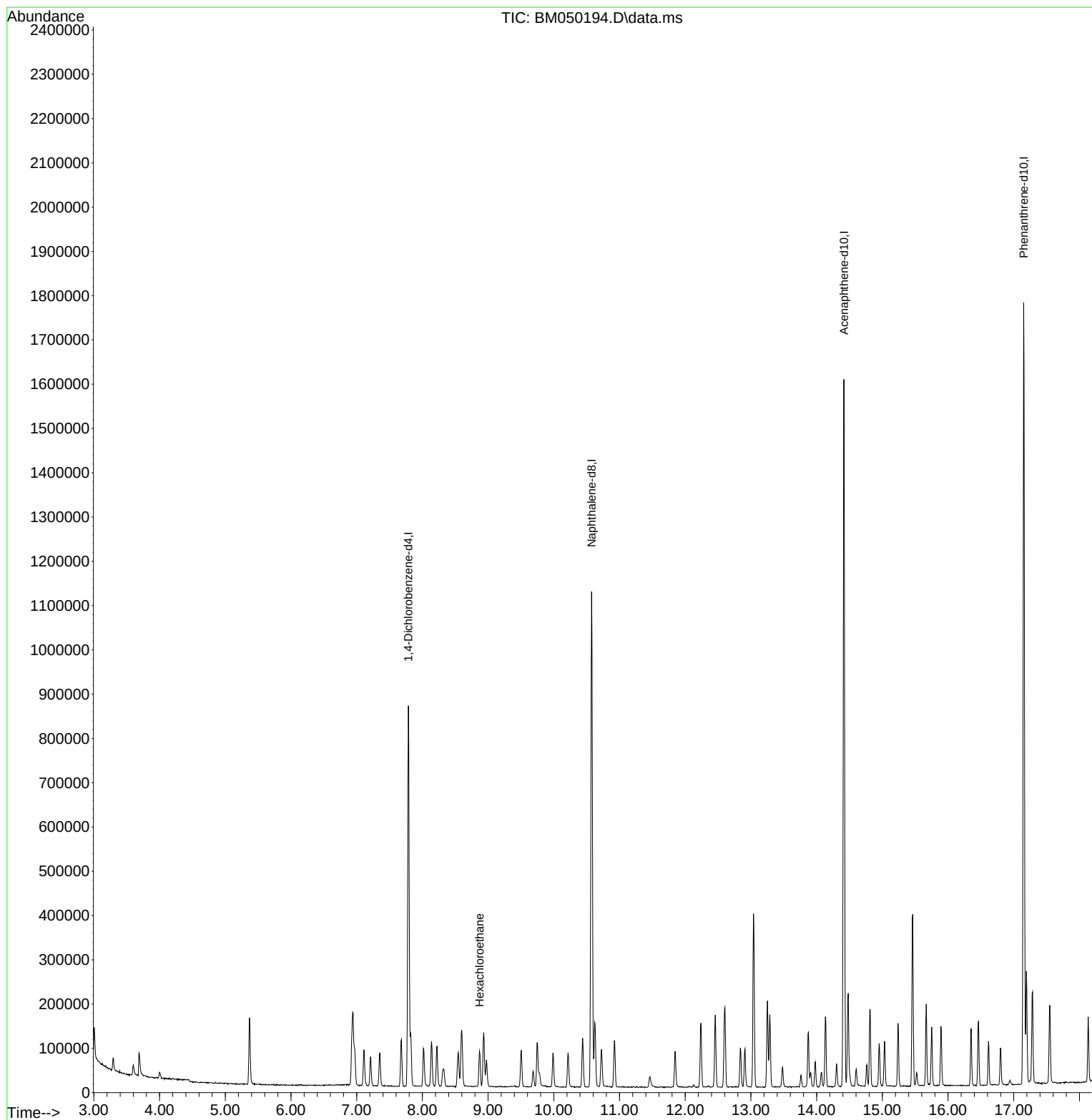
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	244555	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	945759	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	534696	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	982061	20.000	ng	0.00
76) Chrysene-d12	21.386	240	992954	20.000	ng	0.00
86) Perylene-d12	24.374	264	1067519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
18) Hexachloroethane	8.869	117	16914	2.490	ng	Qvalue 97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050194.D
Acq On : 05 Jun 2025 09:20
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

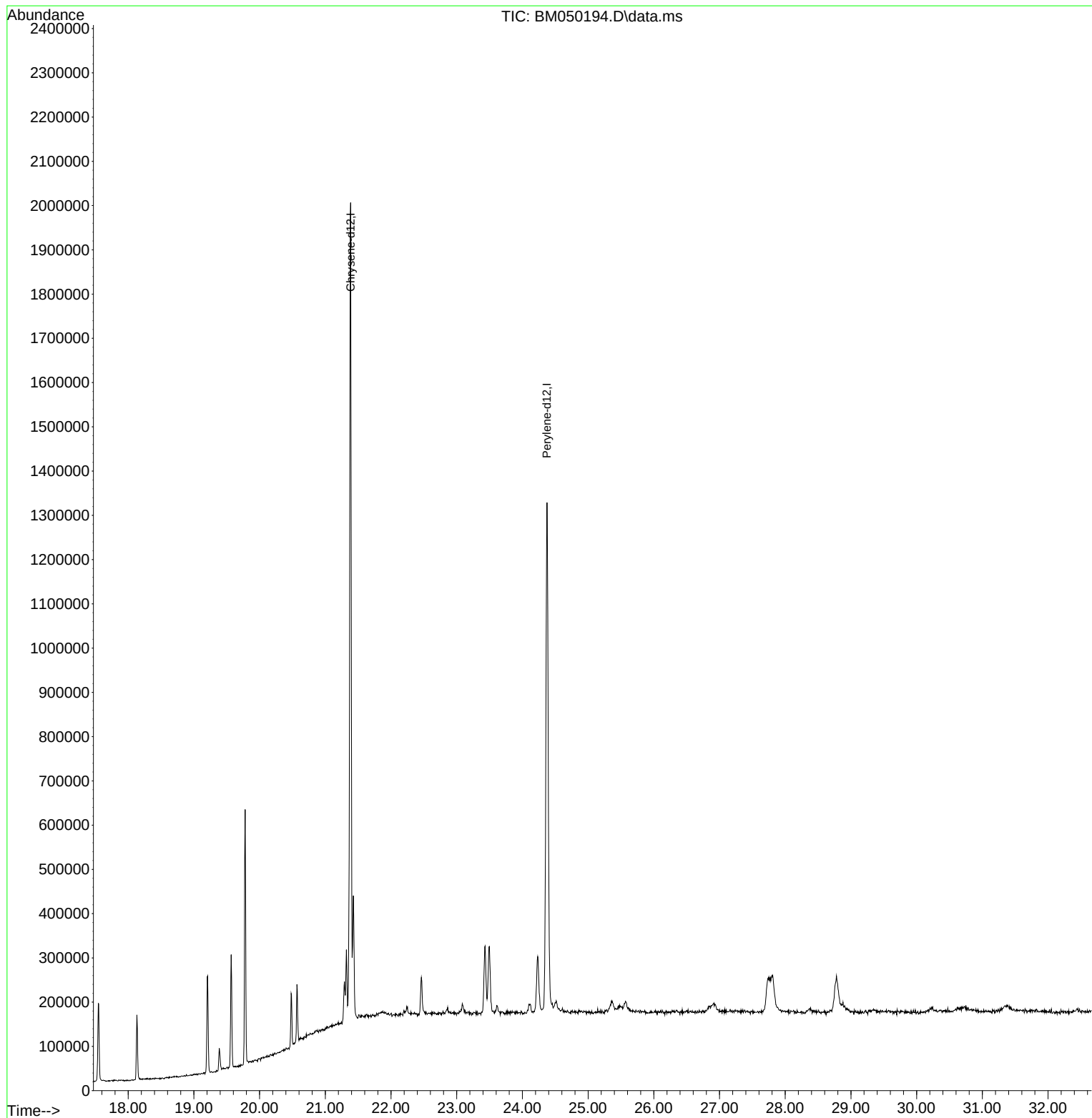
Quant Time: Jun 05 15:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

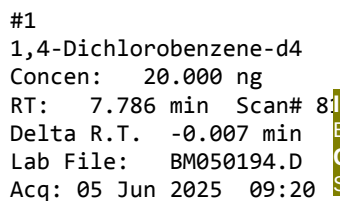


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050194.D
Acq On : 05 Jun 2025 09:20
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

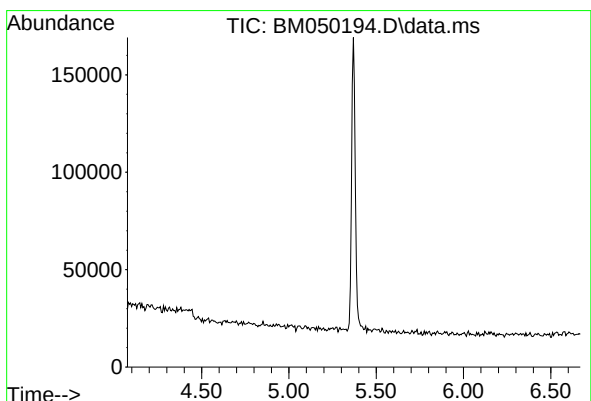
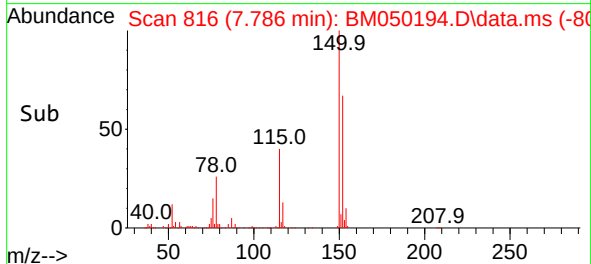
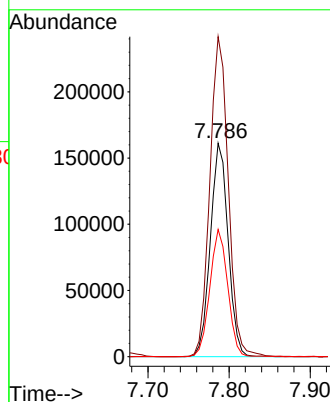
Quant Time: Jun 05 15:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

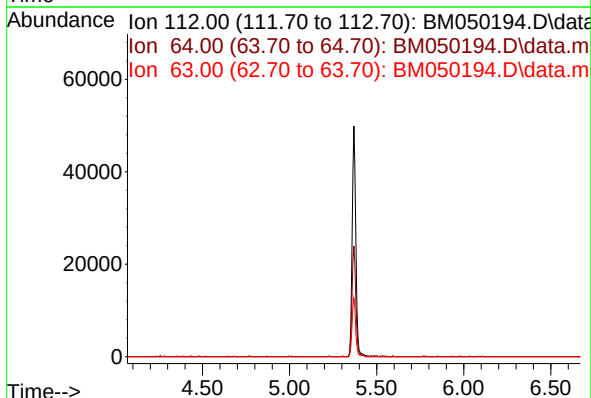
Tgt	Ion:152	Resp:	244555
Ion	Ratio	Lower	Upper
152	100		
150	150.0	122.2	183.4
115	59.6	46.3	69.5



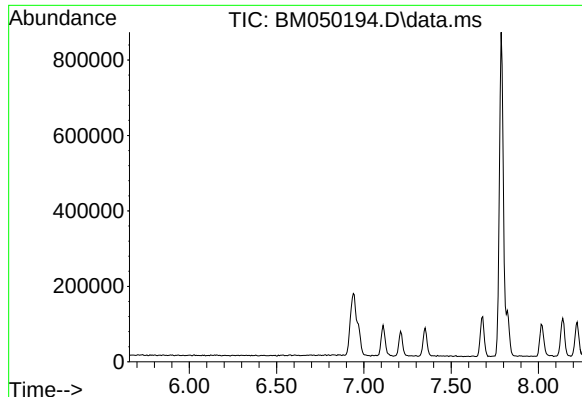
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.37 min

Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Tgt Ion: 112	
Sig	Exp Ratio
112	100
64	49.7
63	24.8



lon 112.00 (111.70 to 112.70): BM050194.D\data
lon 64.00 (63.70 to 64.70): BM050194.D\data.m
lon 63.00 (62.70 to 63.70): BM050194.D\data.m



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.95 min

Lab File: BM050194.D

Acq: 05 Jun 2025 09:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

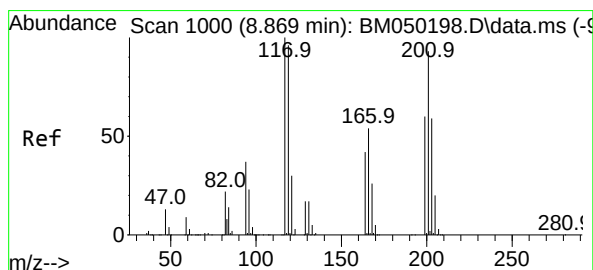
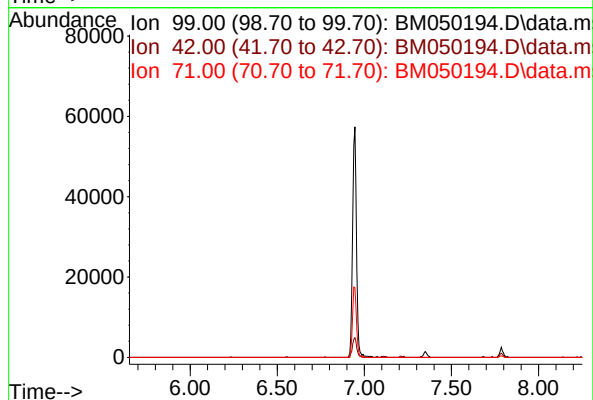
Tgt Ion: 99

Sig Exp Ratio

99 100

42 8.6

71 31.6



#18

Hexachloroethane

Concen: 2.490 ng

RT: 8.869 min Scan# 1000

Delta R.T. -0.001 min

Lab File: BM050194.D

Acq: 05 Jun 2025 09:20

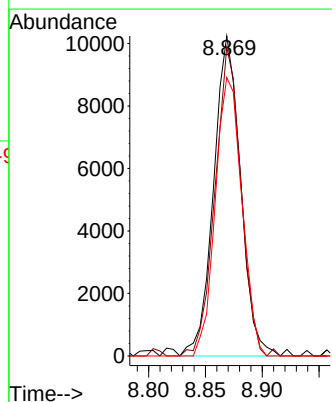
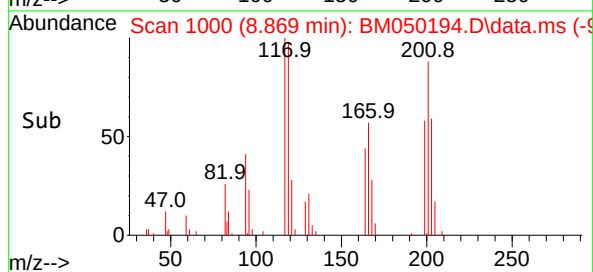
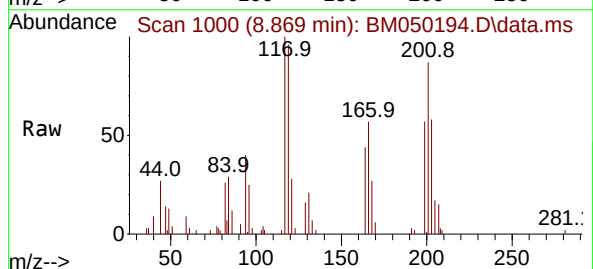
Tgt Ion: 117 Resp: 16914

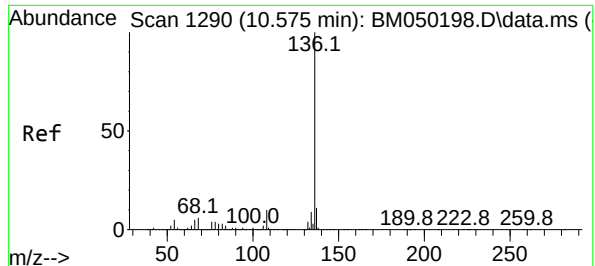
Ion Ratio Lower Upper

117 100

119 96.5 77.0 115.6

201 87.0 74.6 111.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.575 min Scan# 1

Delta R.T. -0.001 min

Lab File: BM050194.D

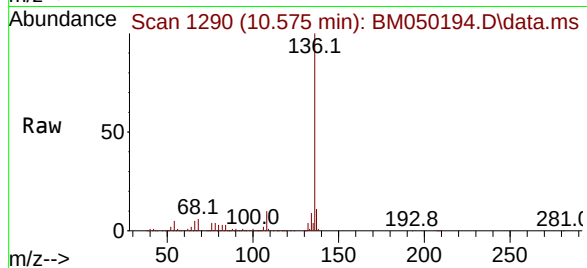
Acq: 05 Jun 2025 09:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 945759

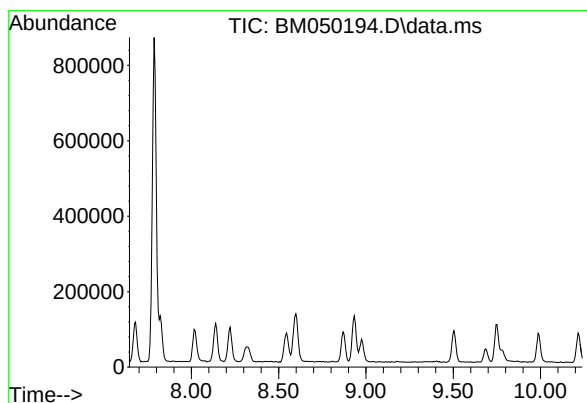
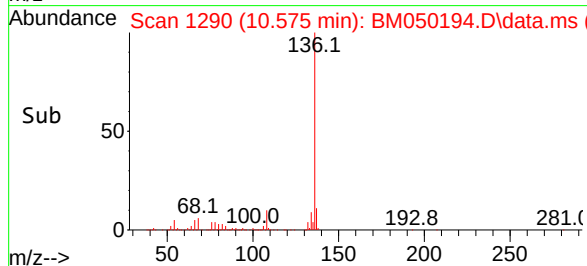
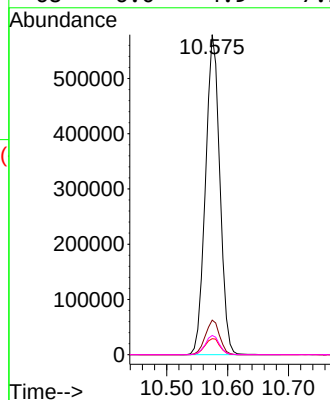
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.0 3.8 5.8

68 6.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.94 min

Lab File: BM050194.D

Acq: 05 Jun 2025 09:20

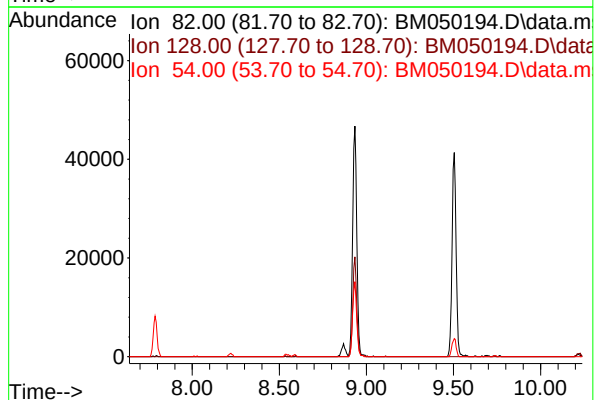
Tgt Ion: 82

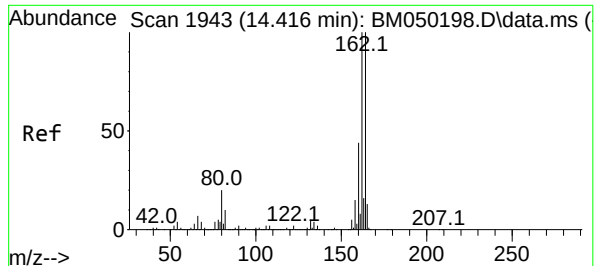
Sig Exp Ratio

82 100

128 44.0

54 30.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.415 min Scan# 1943

Delta R.T. -0.001 min

Lab File: BM050194.D

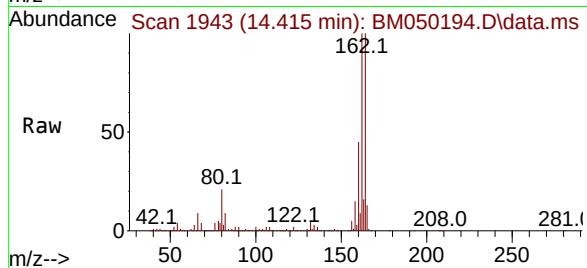
Acq: 05 Jun 2025 09:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



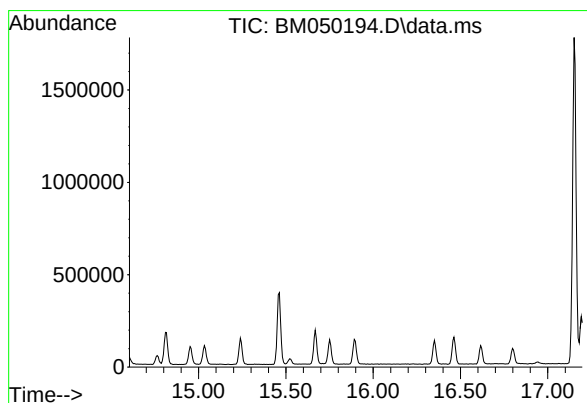
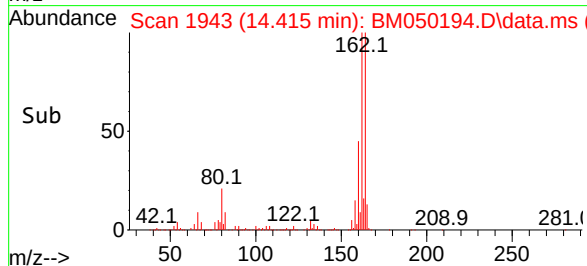
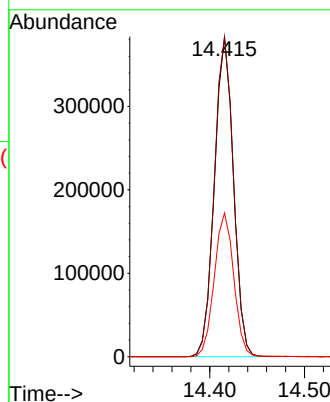
Tgt Ion:164 Resp: 534696

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.4

160 45.0 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.90 min

Lab File: BM050194.D

Acq: 05 Jun 2025 09:20

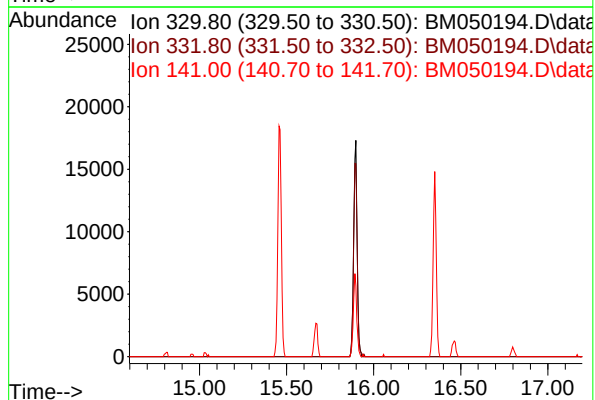
Tgt Ion: 330

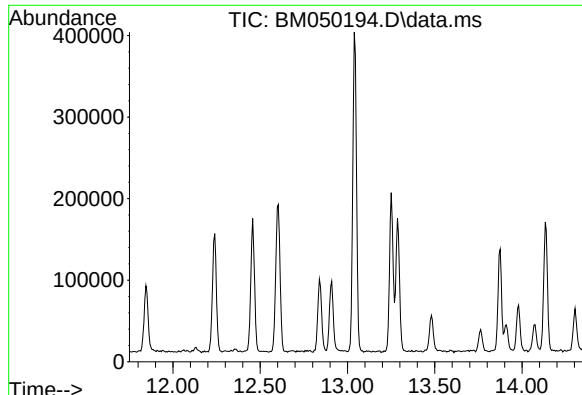
Sig Exp Ratio

330 100

332 96.9

141 36.0

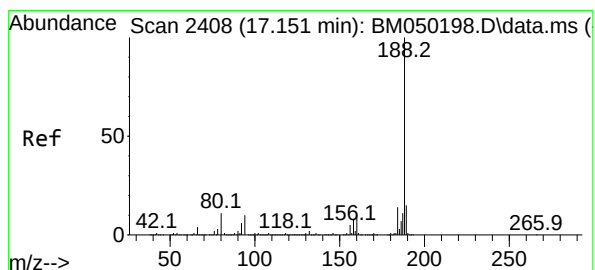
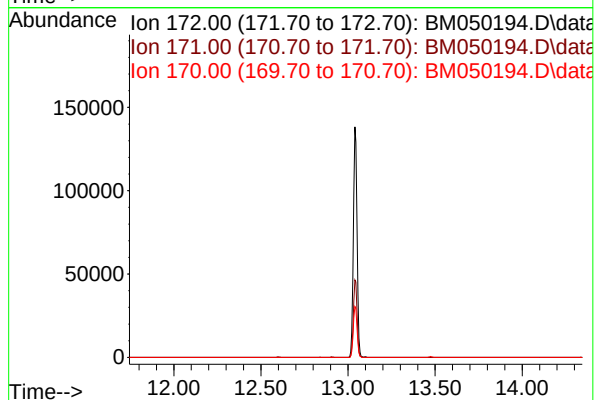




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.05 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

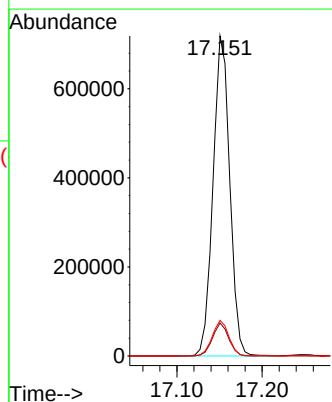
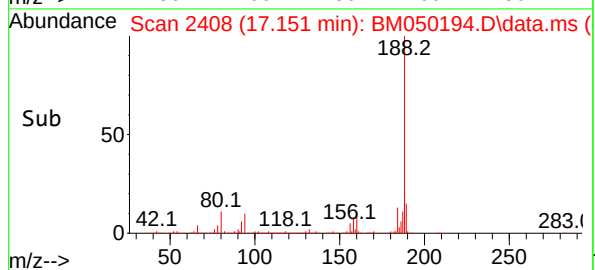
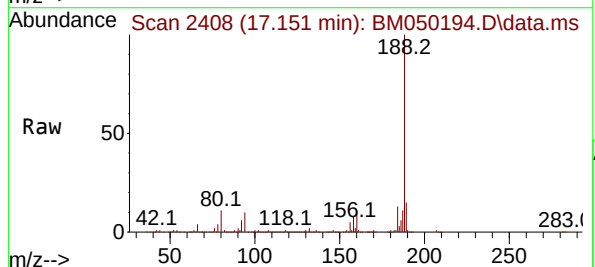
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

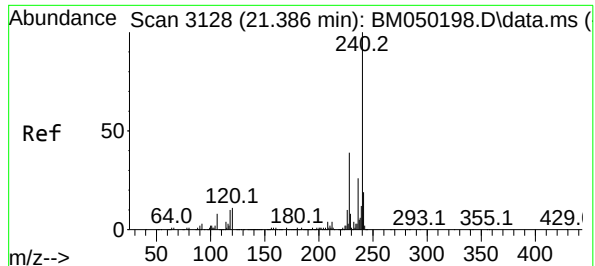
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.7
170 23.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Tgt Ion: 188 Resp: 982061
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.1 8.6 13.0

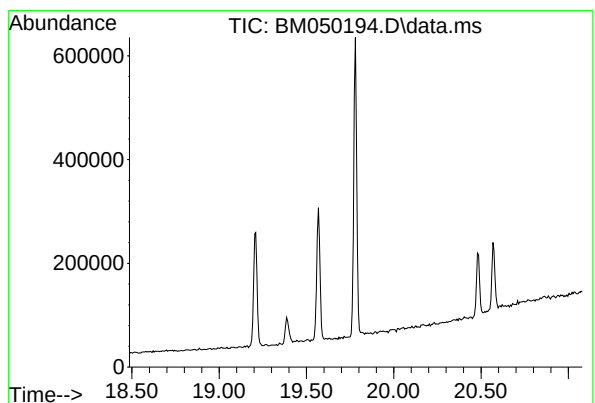
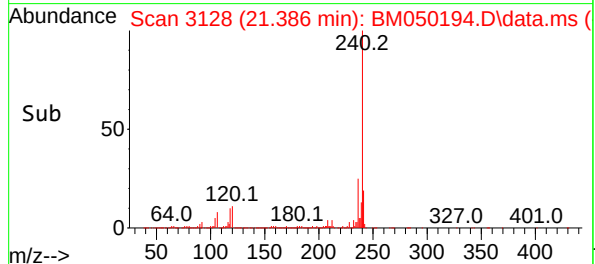
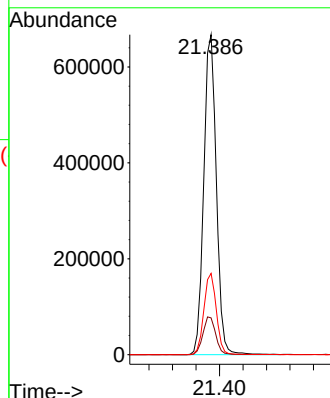
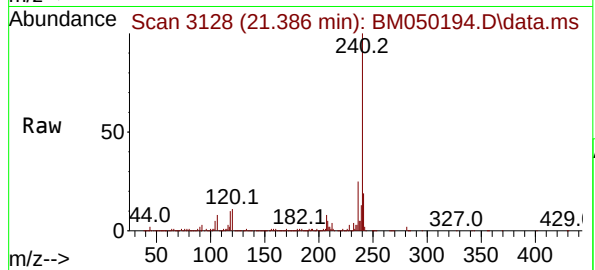




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

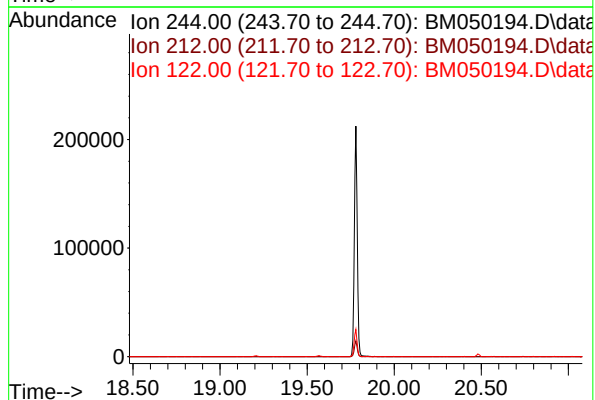
Tgt Ion:240 Resp: 992954
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 25.4 20.7 31.1

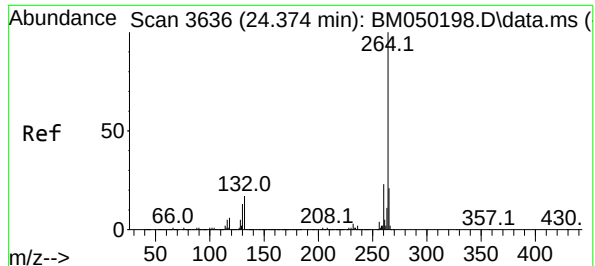


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.78 min

Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.5
122 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 30

Delta R.T. -0.001 min

Lab File: BM050194.D

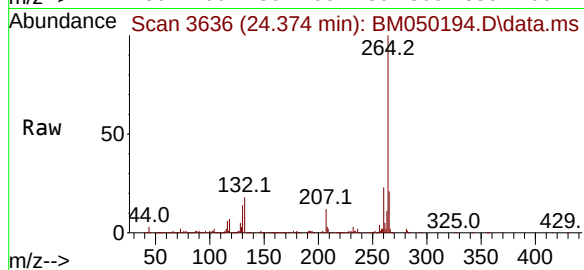
Acq: 05 Jun 2025 09:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



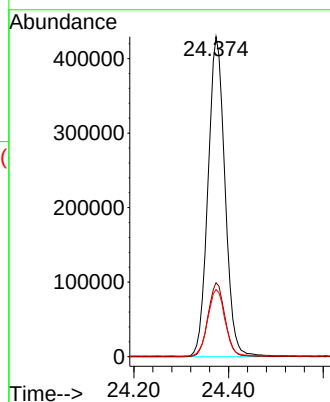
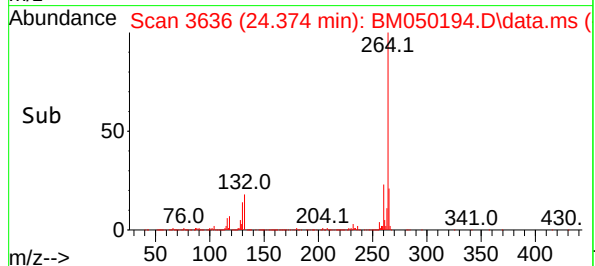
Tgt Ion:264 Resp: 1067519

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.0 16.8 25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050195.D
 Acq On : 05 Jun 2025 09:59
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 15:12:05 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 05 14:55:18 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	231885	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	935638	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	551980	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1022508	20.000	ng	0.00
76) Chrysene-d12	21.386	240	964608	20.000	ng	0.00
86) Perylene-d12	24.374	264	941239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	145075	10.436	ng	0.00
7) Phenol-d6	6.946	99	181940	9.943	ng	0.00
23) Nitrobenzene-d5	8.934	82	167883	9.332	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	57984	9.236	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	438411	10.753	ng	0.00
79) Terphenyl-d14	19.780	244	553477	10.873	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	34616	5.681	ng	98
3) Pyridine	3.687	79	78460	4.972	ng	95
4) n-Nitrosodimethylamine	3.599	42	16377	5.019	ng	# 94
6) Aniline	7.110	93	117867	4.872	ng	99
8) 2-Chlorophenol	7.351	128	74751	4.889	ng	98
9) Benzaldehyde	6.922	77	67142m	5.771	ng	
10) Phenol	6.969	94	97004	5.010	ng	98
11) bis(2-Chloroethyl)ether	7.210	93	80951	5.198	ng	98
12) 1,3-Dichlorobenzene	7.681	146	87889	5.142	ng	98
13) 1,4-Dichlorobenzene	7.822	146	93841	5.276	ng	99
14) 1,2-Dichlorobenzene	8.140	146	87131	5.139	ng	99
15) Benzyl Alcohol	8.016	79	62171	4.764	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	58670	5.423	ng	97
17) 2-Methylphenol	8.222	107	62467	4.890	ng	99
18) Hexachloroethane	8.869	117	32689	5.075	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	54735	4.888	ng	98
20) 3+4-Methylphenols	8.545	107	79245	4.636	ng	98
22) Acetophenone	8.604	105	120380	5.150	ng	# 97
24) Nitrobenzene	8.975	77	77828	4.757	ng	98
25) Isophorone	9.504	82	151295	4.872	ng	99
26) 2-Nitrophenol	9.687	139	27114	3.839	ng	94
27) 2,4-Dimethylphenol	9.751	122	72768	5.010	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	99703	4.915	ng	100
29) 2,4-Dichlorophenol	10.216	162	61926	4.611	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	75854	5.076	ng	97
31) Naphthalene	10.628	128	259768	5.370	ng	99
33) 4-Chloroaniline	10.728	127	102387	4.964	ng	98
34) Hexachlorobutadiene	10.922	225	43914	4.940	ng	95
35) Caprolactam	11.463	113	17903	4.205	ng	87
36) 4-Chloro-3-methylphenol	11.845	107	68614	4.788	ng	94
37) 2-Methylnaphthalene	12.239	142	146149	5.008	ng	98
38) 1-Methylnaphthalene	12.457	142	158007	5.101	ng	97
40) 1,2,4,5-Tetrachloroben...	12.604	216	80884	5.075	ng	99
41) Hexachlorocyclopentadiene	12.598	237	40674	4.202	ng	97
43) 2,4,6-Trichlorophenol	12.839	196	47806	4.561	ng	100
44) 2,4,5-Trichlorophenol	12.910	196	51196	4.449	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050195.D
 Acq On : 05 Jun 2025 09:59
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 15:12:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.251	154	218302	5.282	ng	99
47) 2-Chloronaphthalene	13.286	162	168466	5.243	ng	96
48) 2-Nitroaniline	13.480	65	27545	3.895	ng	83
49) Acenaphthylene	14.133	152	257055	4.946	ng	99
50) Dimethylphthalate	13.875	163	184777	4.950	ng	99
51) 2,6-Dinitrotoluene	13.980	165	28146	3.739	ng	88
52) Acenaphthene	14.480	154	167876	5.164	ng	97
53) 3-Nitroaniline	14.304	138	31831	3.794	ng	# 88
55) Dibenzofuran	14.810	168	245911	5.171	ng	99
56) 4-Nitrophenol	14.604	139	27420	3.840	ng	97
57) 2,4-Dinitrotoluene	14.763	165	34457	3.470	ng	87
58) Fluorene	15.463	166	195018	5.354	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.033	232	46644m	4.685	ng	
60) Diethylphthalate	15.239	149	181363	4.897	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	93141	5.291	ng	98
62) 4-Nitroaniline	15.463	138	29436	3.743	ng	99
63) Azobenzene	15.751	77	185154	5.001	ng	96
66) n-Nitrosodiphenylamine	15.669	169	161093	5.014	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	52965	4.857	ng	99
68) Hexachlorobenzene	16.463	284	63698	5.000	ng	98
69) Atrazine	16.616	200	42483	4.150	ng	96
70) Pentachlorophenol	16.798	266	33971	4.101	ng	95
71) Phenanthrene	17.192	178	316683	5.421	ng	99
72) Anthracene	17.286	178	298346	5.106	ng	99
73) Carbazole	17.545	167	266214	5.001	ng	99
74) Di-n-butylphthalate	18.133	149	255200	4.406	ng	99
75) Fluoranthene	19.209	202	301599	4.896	ng	99
78) Pyrene	19.568	202	320928	4.936	ng	99
80) Butylbenzylphthalate	20.480	149	77663	3.581	ng	92
81) Benzo(a)anthracene	21.368	228	306613	5.022	ng	98
82) 3,3'-Dichlorobenzidine	21.286	252	64021	3.438	ng	94
83) Chrysene	21.427	228	297925	5.130	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	126652	3.791	ng	# 97
85) Di-n-octyl phthalate	22.462	149	154664	3.120	ng	# 97
87) Indeno(1,2,3-cd)pyrene	27.732	276	279736	4.616	ng	# 90
88) Benzo(b)fluoranthene	23.433	252	259803	4.748	ng	99
89) Benzo(k)fluoranthene	23.492	252	268597	4.808	ng	99
90) Benzo(a)pyrene	24.233	252	233858	4.545	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	224374	4.561	ng	98
92) Benzo(g,h,i)perylene	28.779	276	235785	4.789	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050195.D
 Acq On : 05 Jun 2025 09:59
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025

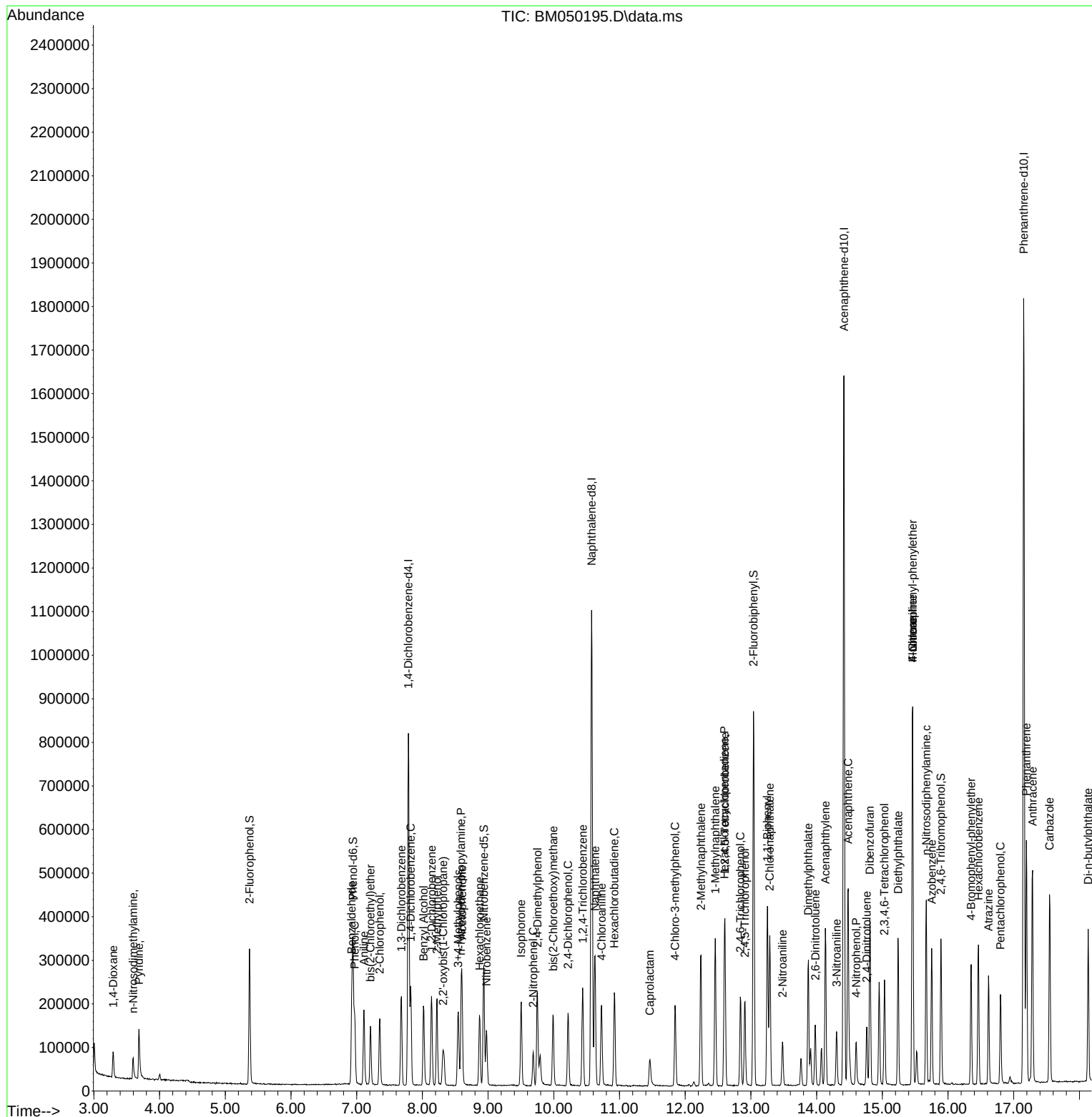
Quant Time: Jun 05 15:12:05 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 05 14:55:18 2025

Response via : Initial Calibration



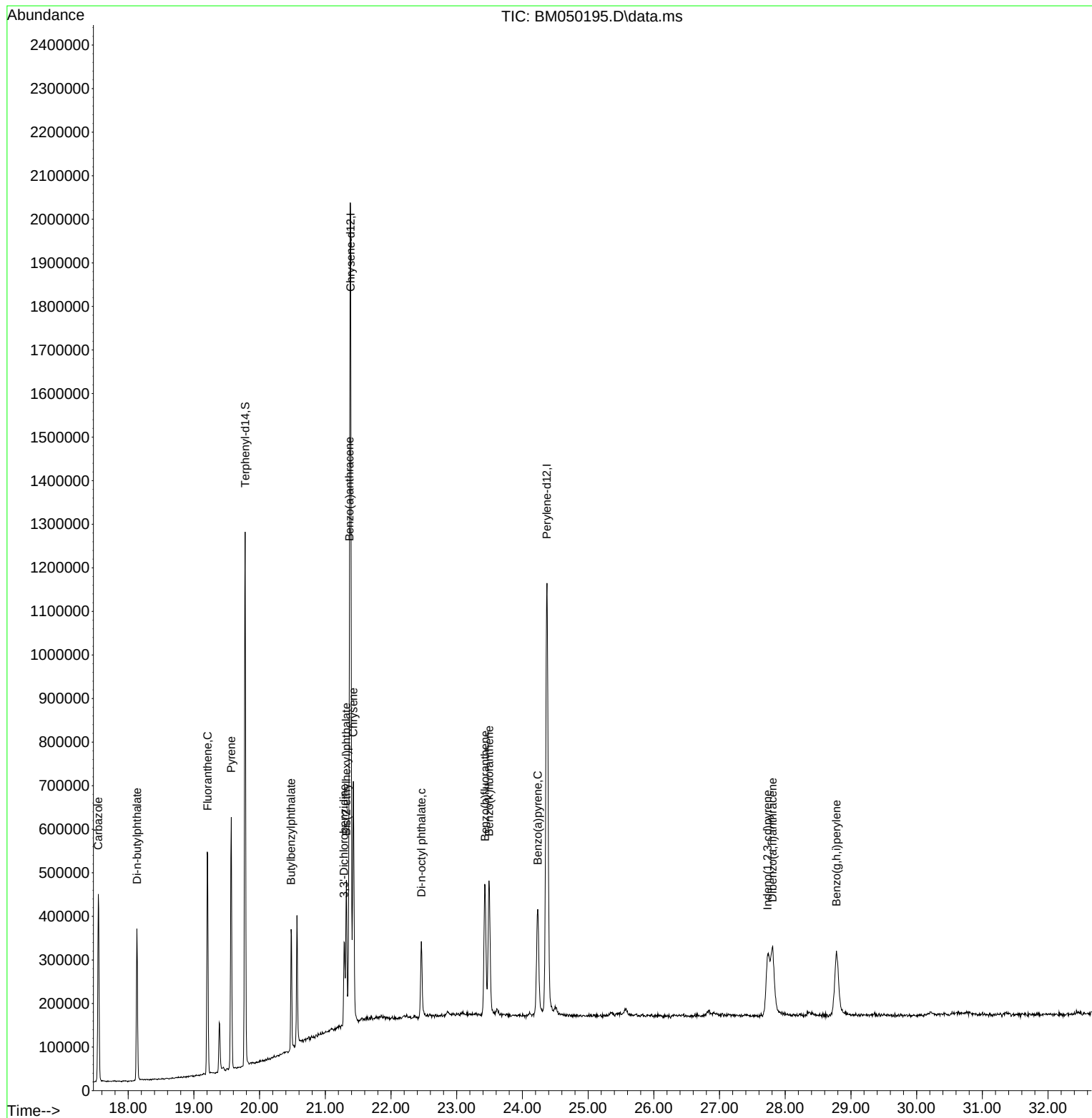
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDIC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

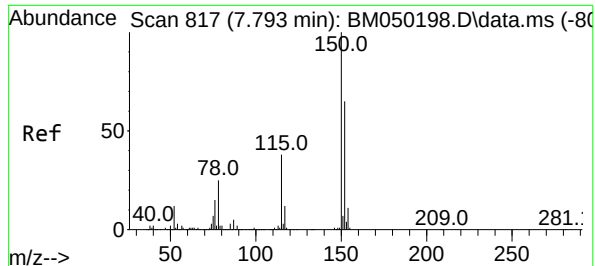
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

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Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

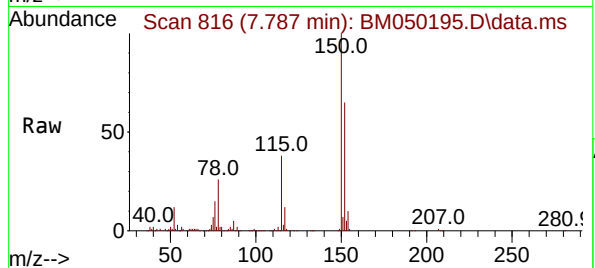
Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

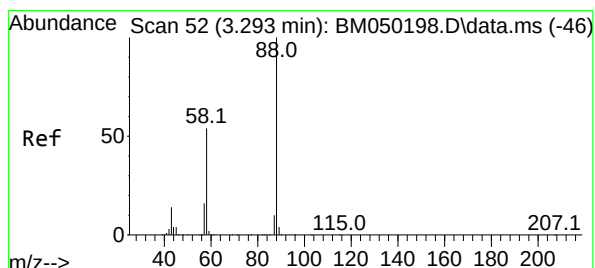
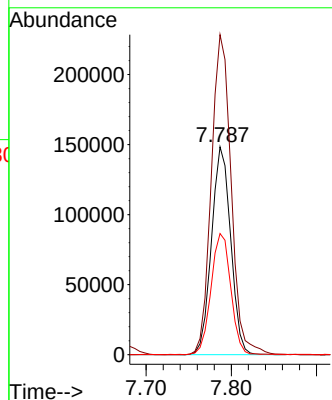
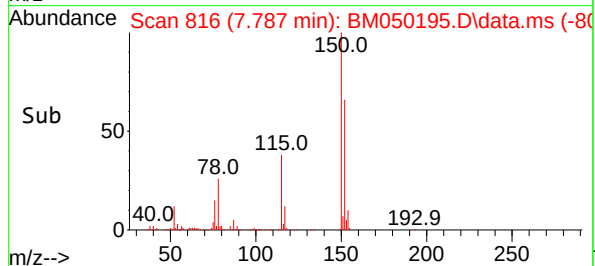
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 23188
Ion Ratio Lower Upper
152 100
150 154.0 122.2 183.4
115 58.3 46.3 69.5

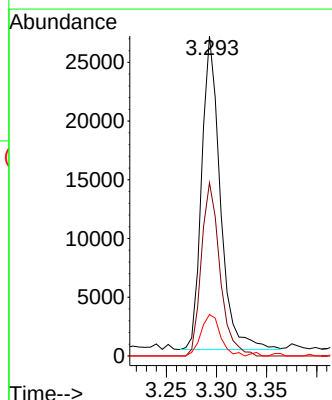
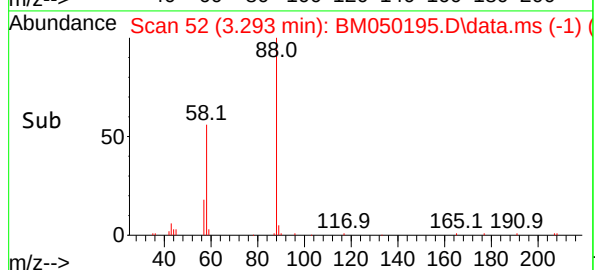
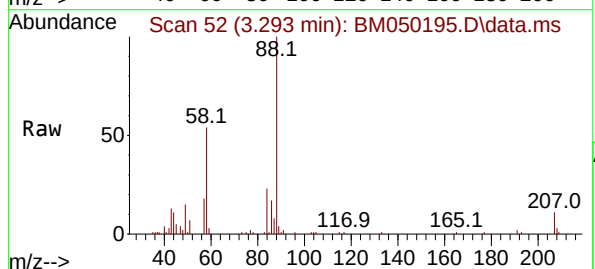
Manual Integrations
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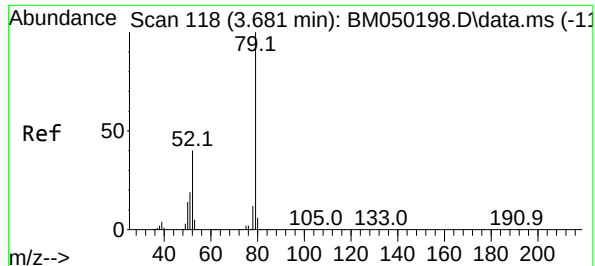
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#2
1,4-Dioxane
Concen: 5.681 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 88 Resp: 34616
Ion Ratio Lower Upper
88 100
58 55.0 42.9 64.3
43 13.7 11.0 16.6





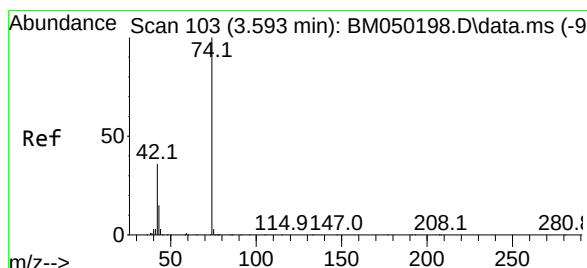
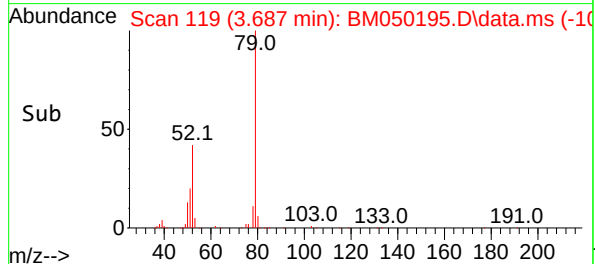
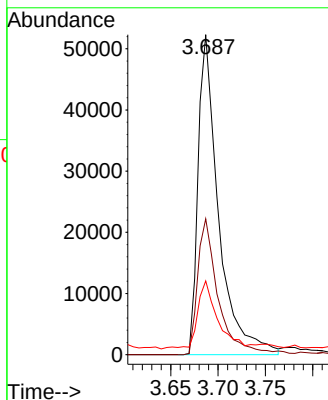
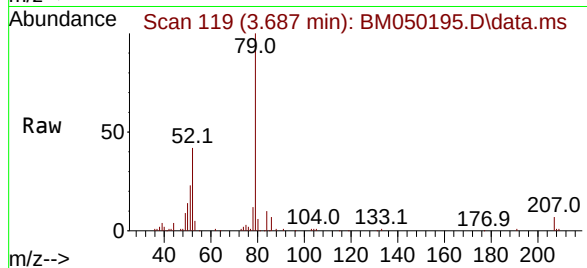
#3
Pyridine
Concen: 4.972 ng
RT: 3.687 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 78460
Ion Ratio Lower Upper
79 100
52 42.5 32.1 48.1
51 23.0 15.4 23.0

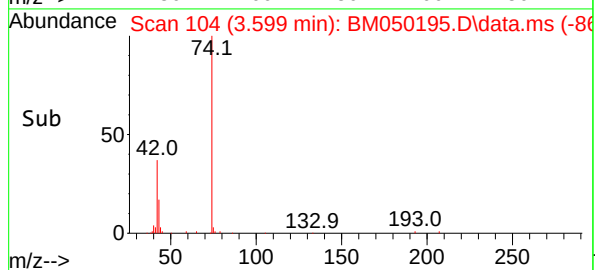
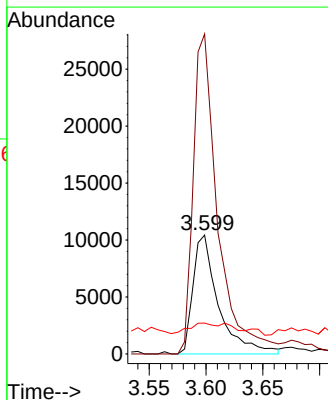
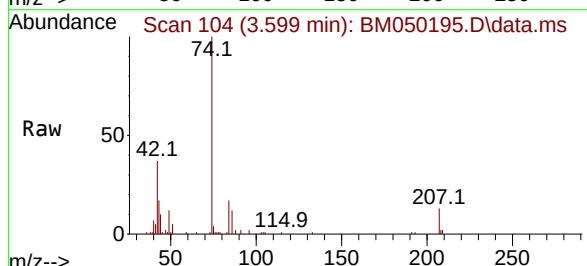
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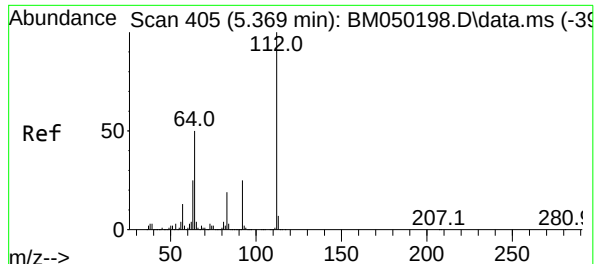
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#4
n-Nitrosodimethylamine
Concen: 5.019 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

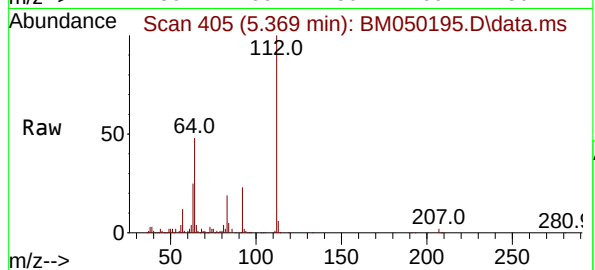
Tgt Ion: 42 Resp: 16377
Ion Ratio Lower Upper
42 100
74 269.3 222.0 333.0
44 25.9 7.0 10.6





#5
2-Fluorophenol
Concen: 10.436 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

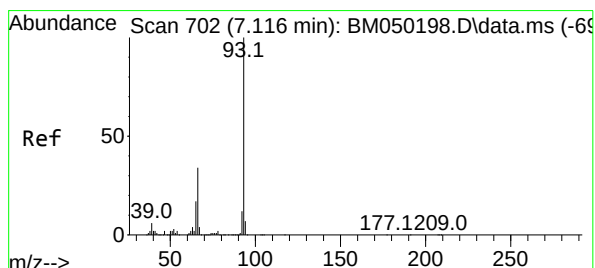
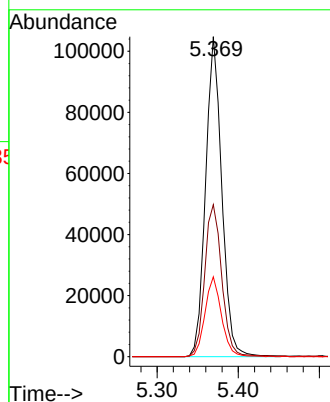
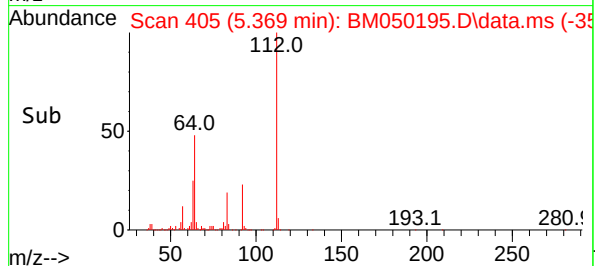
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 112 Resp: 145075
Ion Ratio Lower Upper
112 100
64 47.5 39.8 59.6
63 25.0 19.8 29.8

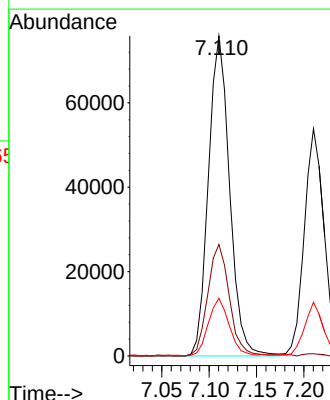
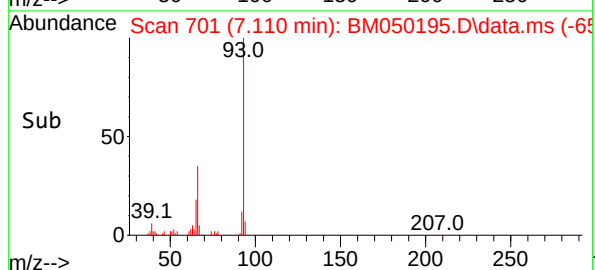
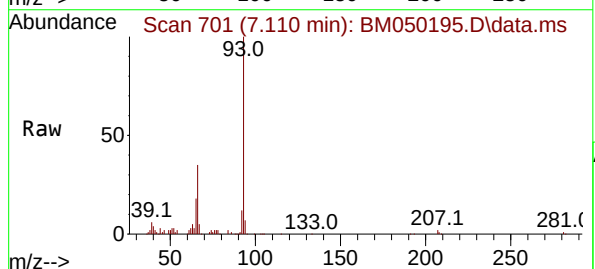
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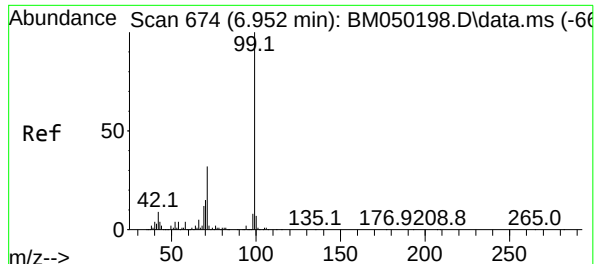
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#6
Aniline
Concen: 4.872 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 93 Resp: 117867
Ion Ratio Lower Upper
93 100
66 34.8 27.4 41.2
65 18.1 13.6 20.4





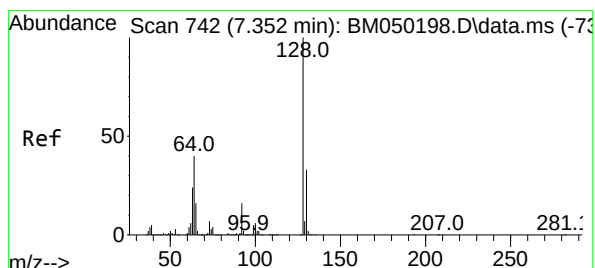
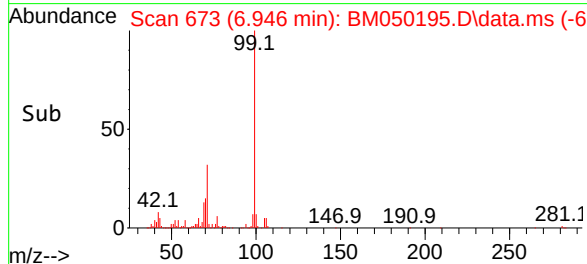
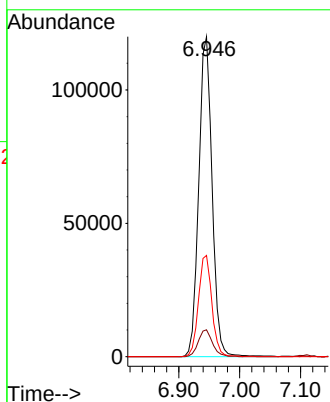
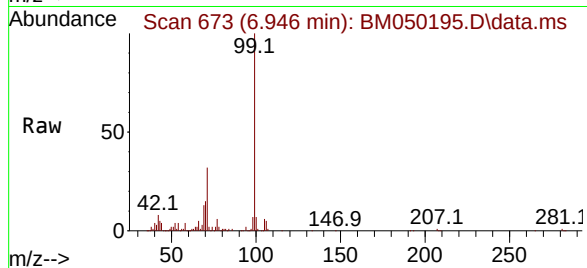
#7
Phenol-d6
Concen: 9.943 ng
RT: 6.946 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 181940
Ion Ratio Lower Upper
99 100
42 8.4 6.9 10.3
71 31.7 25.3 37.9

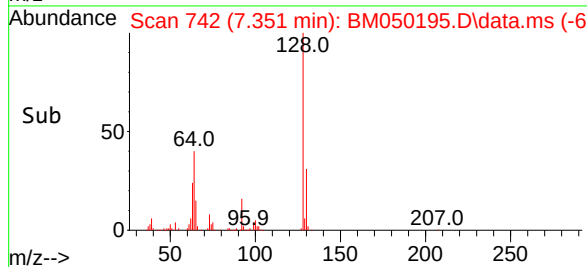
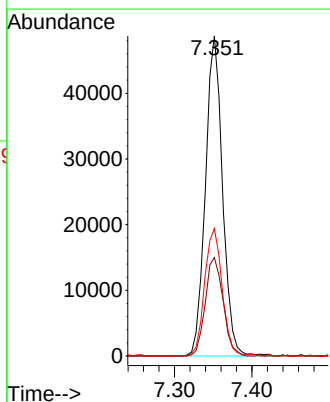
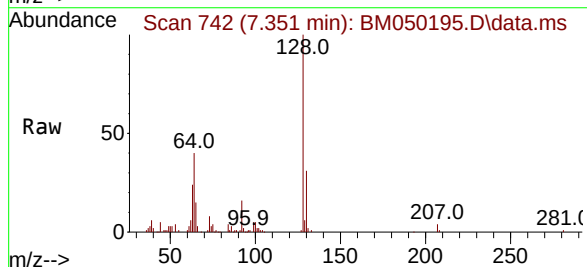
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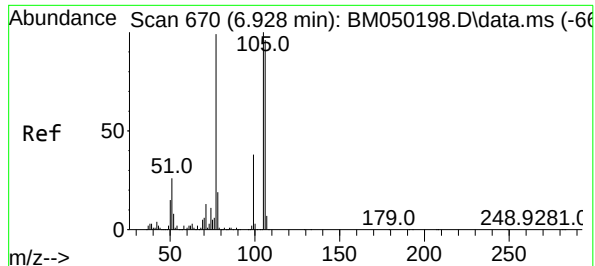
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#8
2-Chlorophenol
Concen: 4.889 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:128 Resp: 74751
Ion Ratio Lower Upper
128 100
130 30.7 12.6 52.6
64 39.9 19.8 59.8





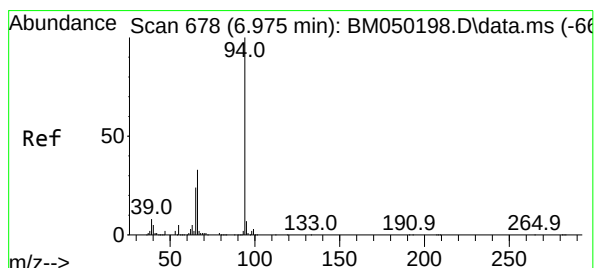
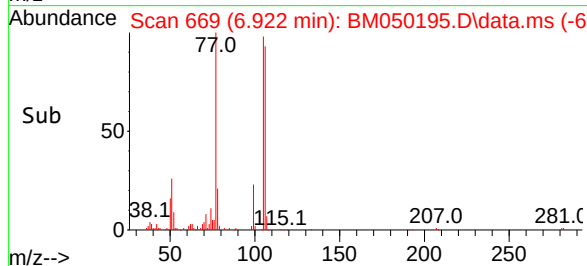
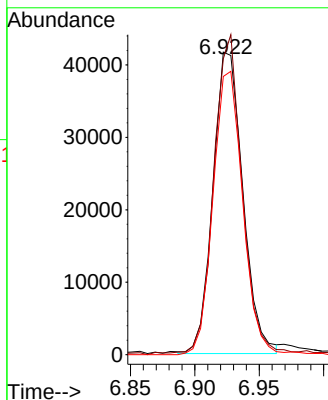
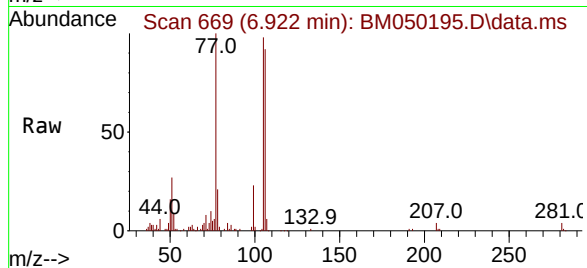
#9
Benzaldehyde
Concen: 5.771 ng m
RT: 6.922 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 6714
Ion Ratio Lower Upper
77 100
105 97.9 80.9 120.9
106 92.0 77.1 117.1

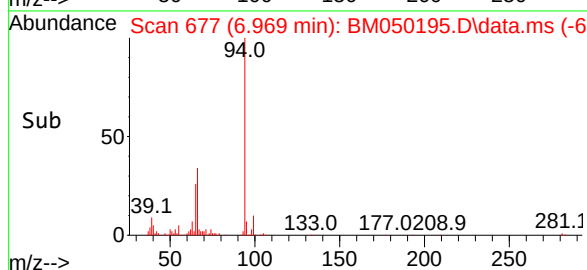
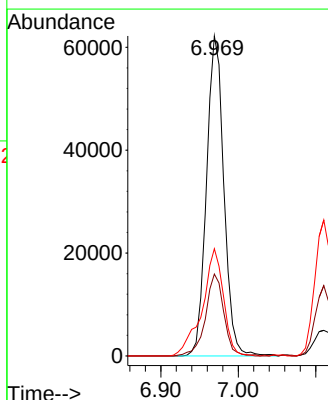
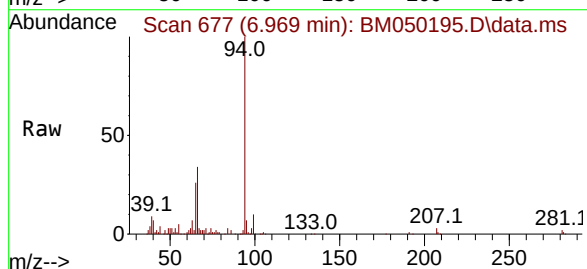
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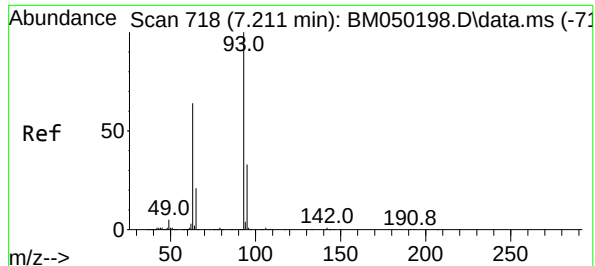
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#10
Phenol
Concen: 5.010 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion: 94 Resp: 97004
Ion Ratio Lower Upper
94 100
65 25.6 4.3 44.3
66 33.5 12.9 52.9





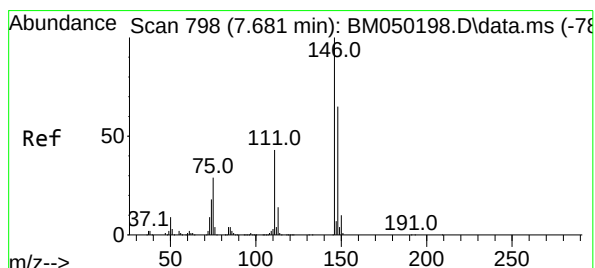
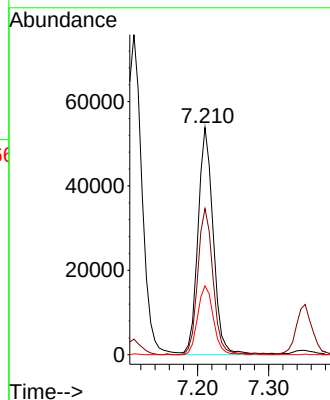
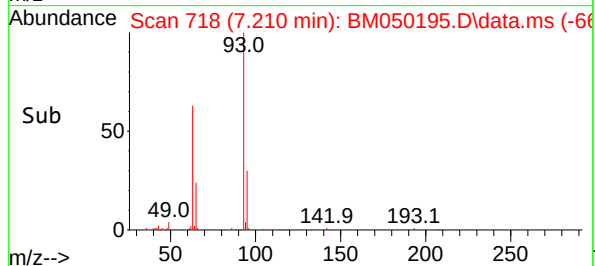
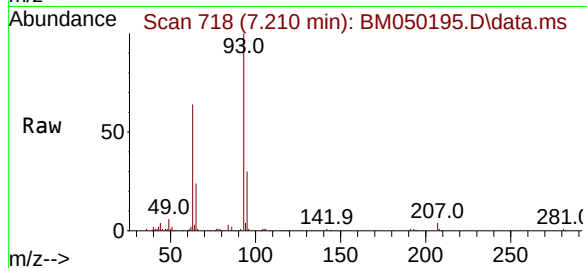
#11
bis(2-Chloroethyl)ether
Concen: 5.198 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 8095
Ion Ratio Lower Upper
93 100
63 64.3 43.9 83.9
95 30.3 12.7 52.7

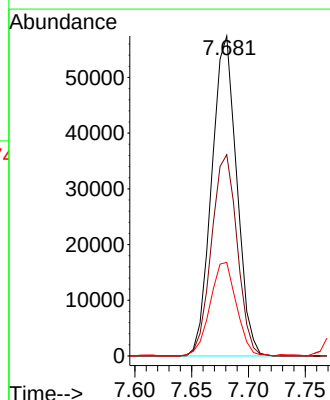
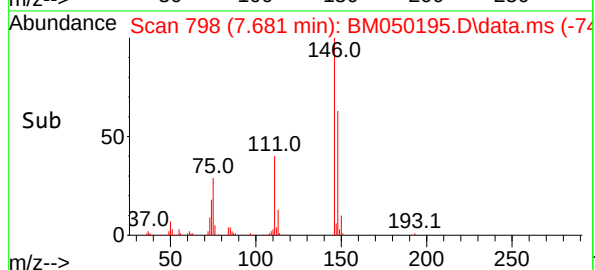
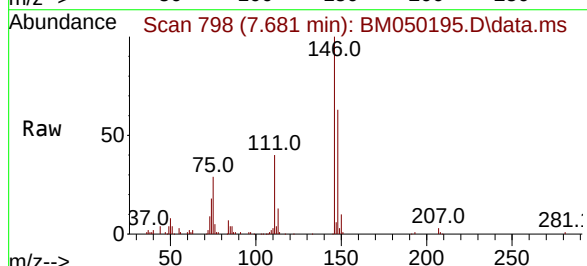
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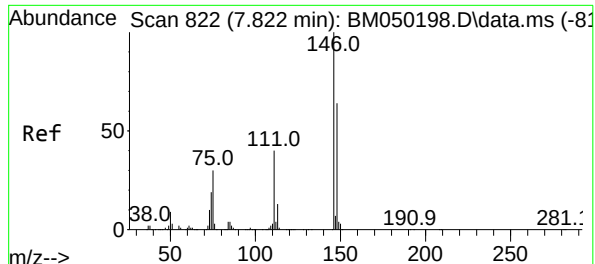
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#12
1,3-Dichlorobenzene
Concen: 5.142 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:146 Resp: 87889
Ion Ratio Lower Upper
146 100
148 62.9 51.9 77.9
75 29.3 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 5.276 ng

RT: 7.822 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 9384

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.0

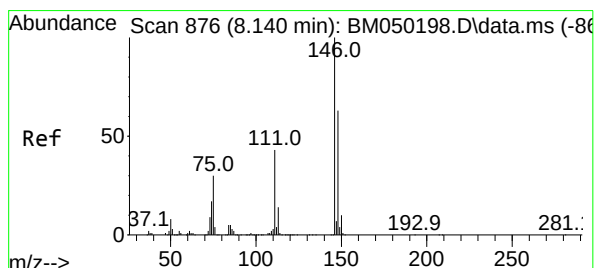
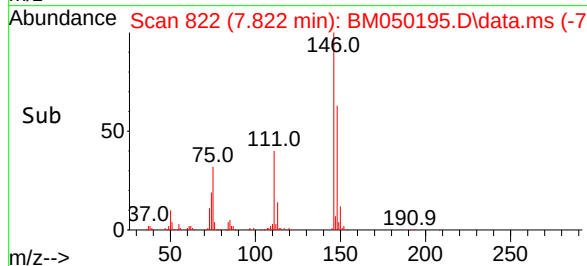
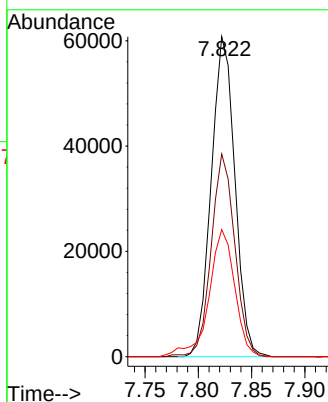
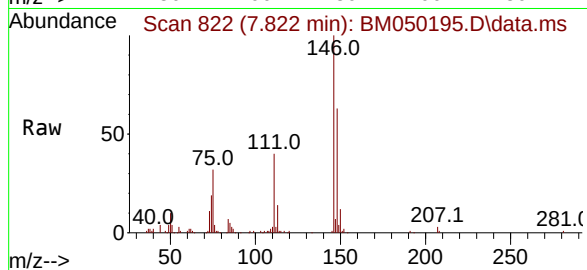
111 39.7 32.3 48.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#14

1,2-Dichlorobenzene

Concen: 5.139 ng

RT: 8.140 min Scan# 876

Delta R.T. -0.000 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

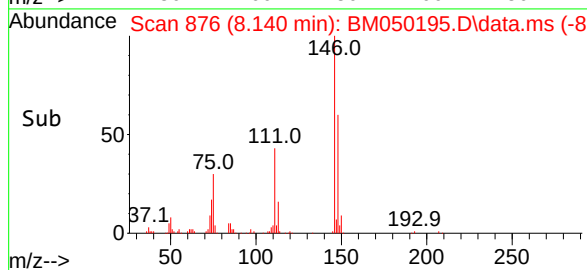
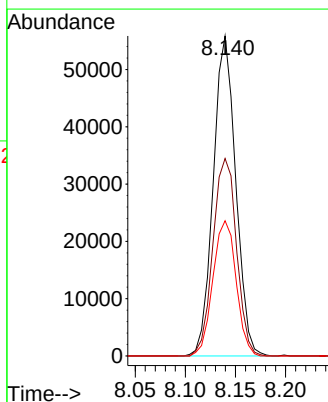
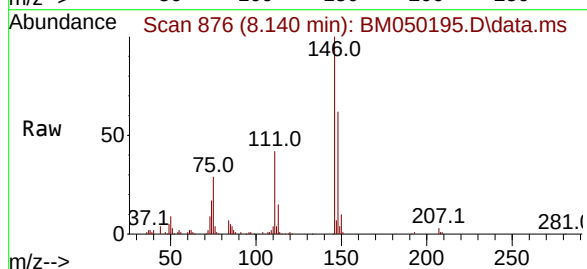
Tgt Ion:146 Resp: 87131

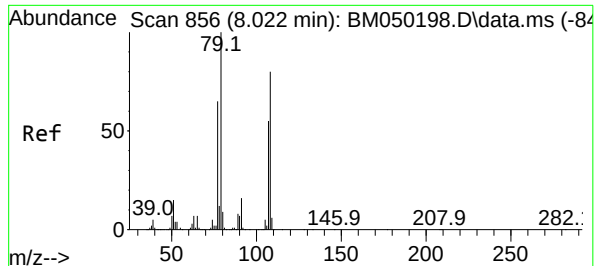
Ion Ratio Lower Upper

146 100

148 61.7 50.4 75.6

111 42.2 34.3 51.5





#15

Benzyl Alcohol

Concen: 4.764 ng

RT: 8.016 min Scan# 80

Delta R.T. -0.006 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

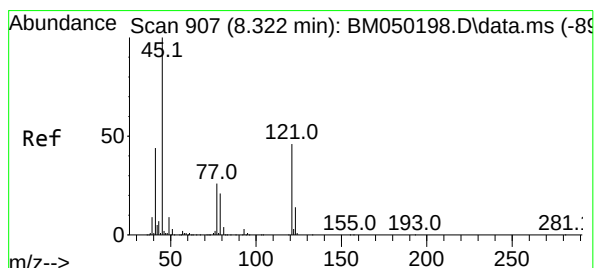
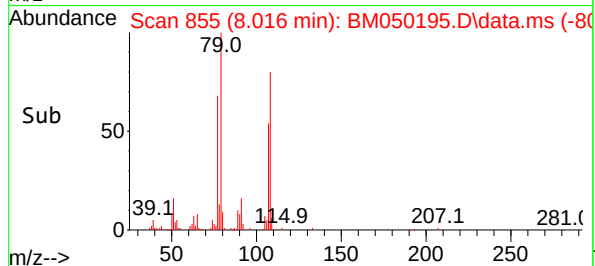
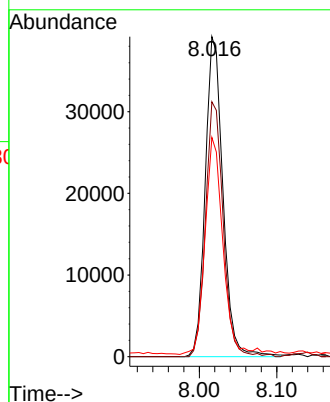
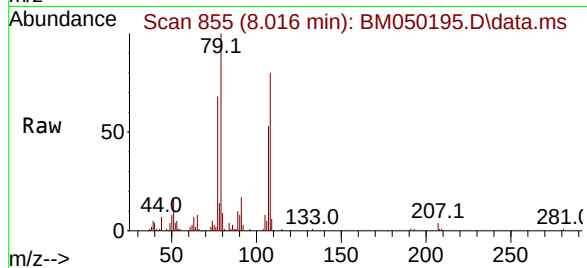
Tgt Ion:	79	Resp:	6217
Ion	Ratio	Lower	Upper
79	100		
108	79.7	64.0	96.0
77	68.5	52.2	78.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.423 ng

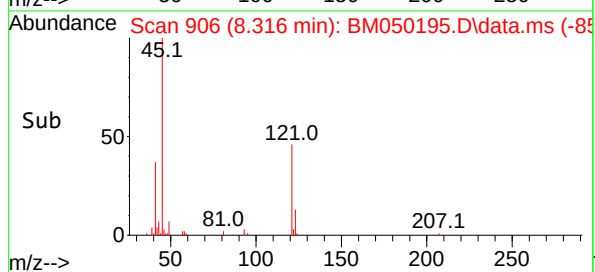
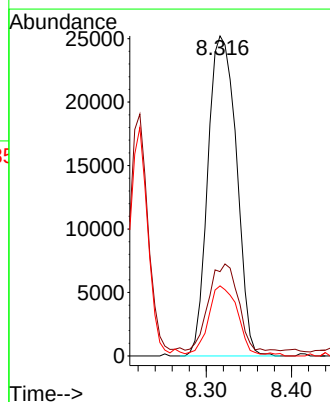
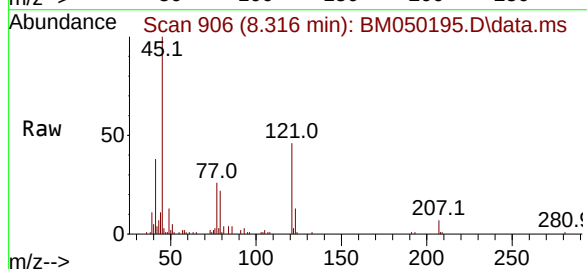
RT: 8.316 min Scan# 906

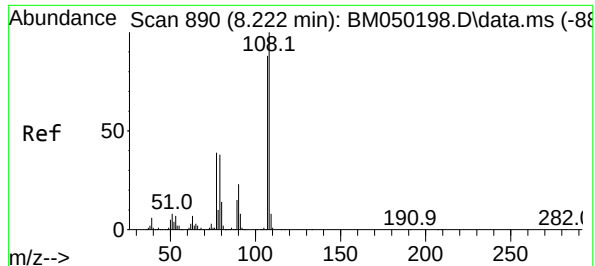
Delta R.T. -0.006 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

Tgt Ion:	45	Resp:	58670
Ion	Ratio	Lower	Upper
45	100		
77	26.4	8.7	48.7
79	21.9	2.7	42.7





#17

2-Methylphenol

Concen: 4.890 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:107 Resp: 6246

Ion Ratio Lower Upper

107 100

108 114.1 90.8 136.2

77 45.7 35.7 53.5

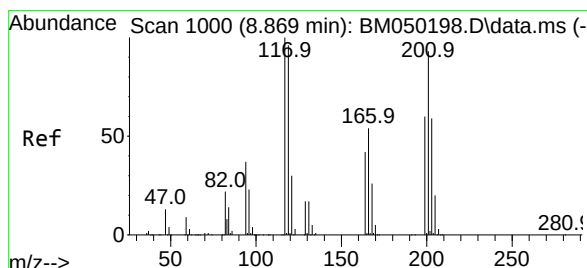
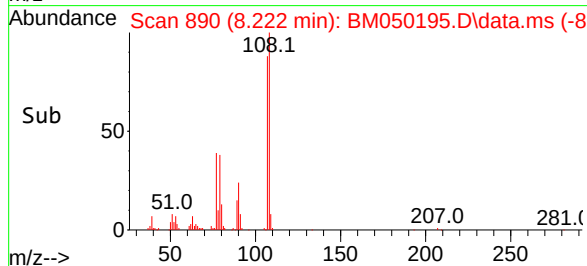
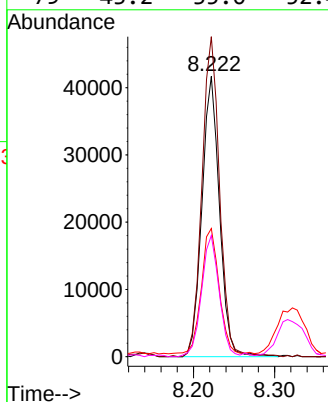
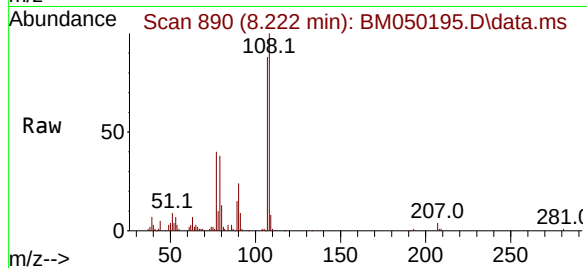
79 43.2 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#18

Hexachloroethane

Concen: 5.075 ng

RT: 8.869 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

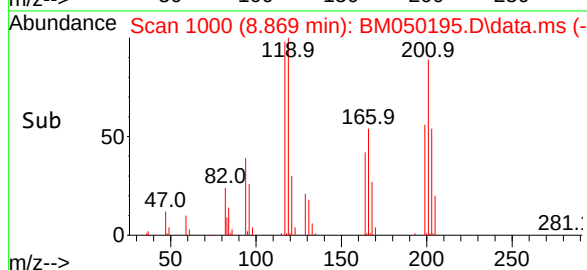
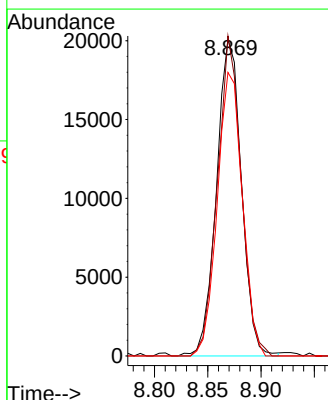
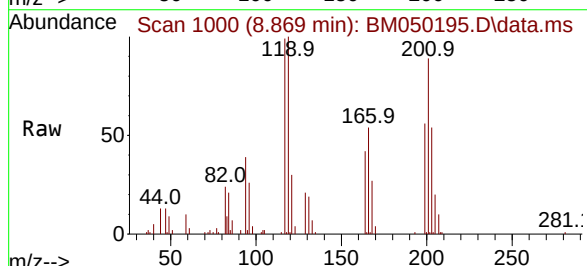
Tgt Ion:117 Resp: 32689

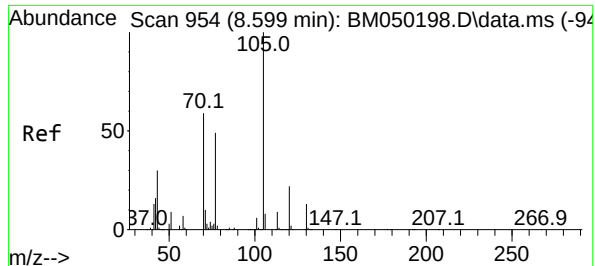
Ion Ratio Lower Upper

117 100

119 101.1 77.0 115.6

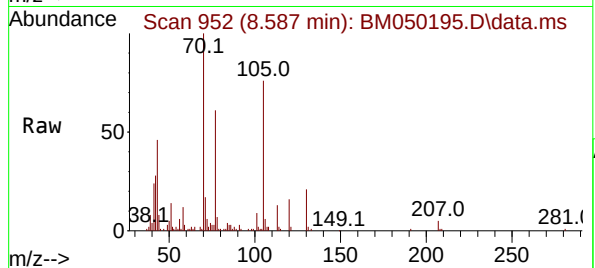
201 89.6 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 4.888 ng
RT: 8.587 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

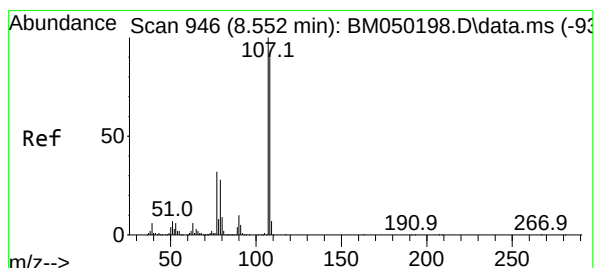
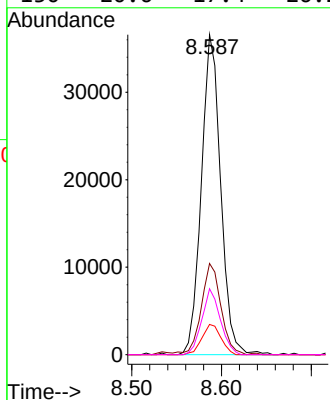
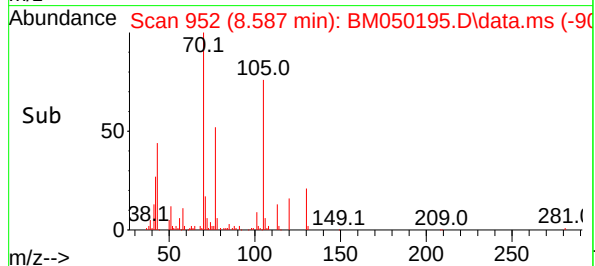
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



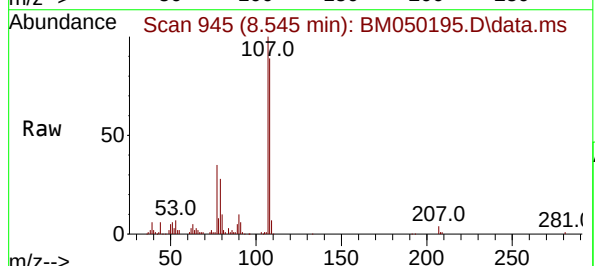
Tgt Ion: 70 Resp: 5473
Ion Ratio Lower Upper
70 100
42 28.5 22.6 33.8
101 9.5 8.3 12.5
130 20.6 17.4 26.2

Manual Integrations
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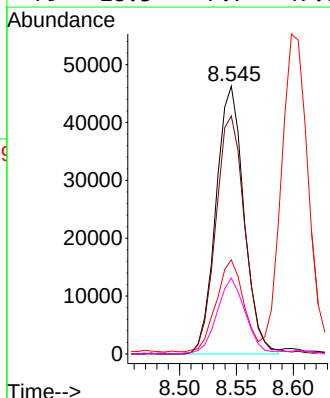
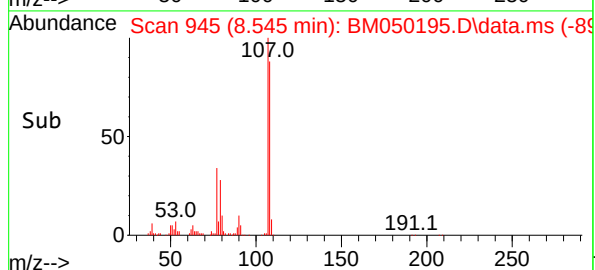
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

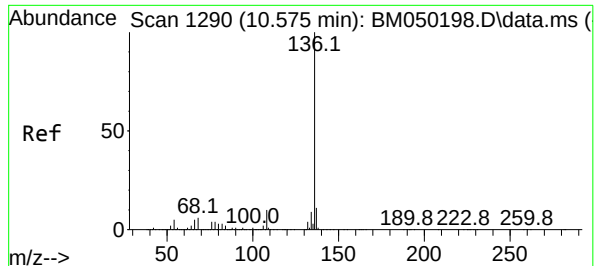


#20
3+4-Methylphenols
Concen: 4.636 ng
RT: 8.545 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



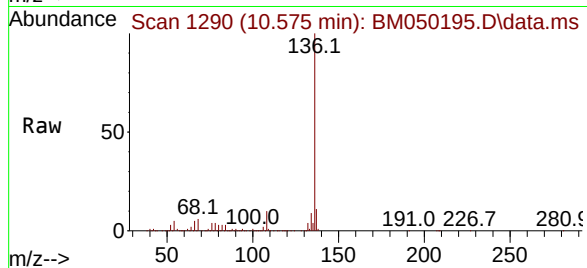
Tgt Ion:107 Resp: 79245
Ion Ratio Lower Upper
107 100
108 88.8 70.4 110.4
77 35.1 12.2 52.2
79 28.3 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

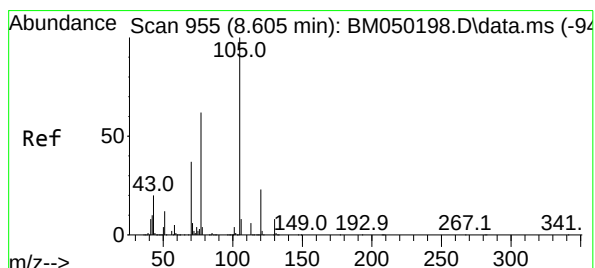
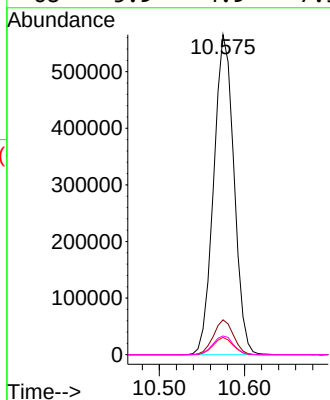
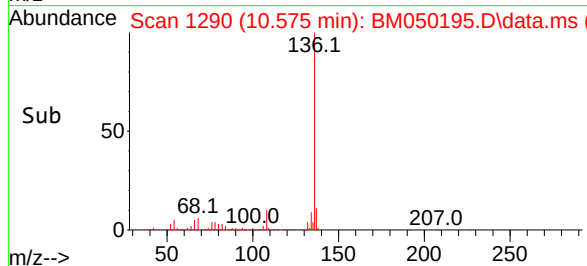
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 935638
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.4 3.8 5.8
68 5.9 4.9 7.3

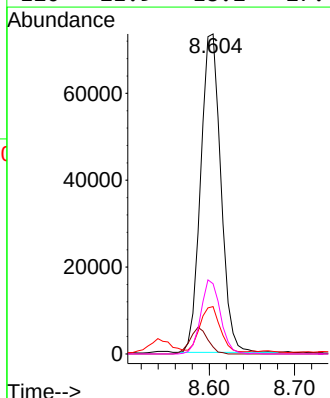
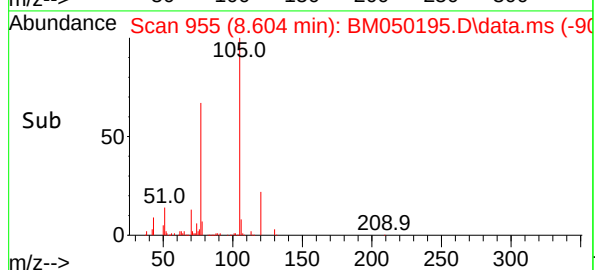
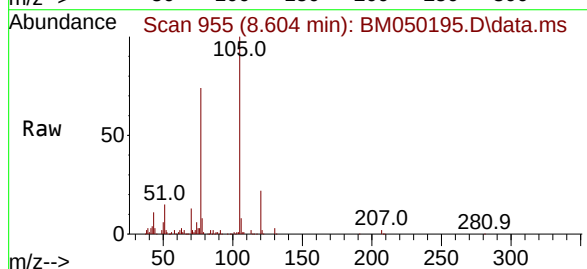
Manual Integrations
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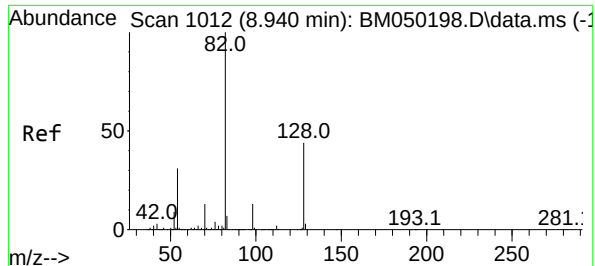
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#22
Acetophenone
Concen: 5.150 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:105 Resp: 120380
Ion Ratio Lower Upper
105 100
71 2.2 5.0 7.4#
51 14.8 11.4 17.2
120 21.9 18.2 27.4





#23

Nitrobenzene-d5

Concen: 9.332 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 16788

Ion Ratio Lower Upper

82 100

128 42.4 35.2 52.8

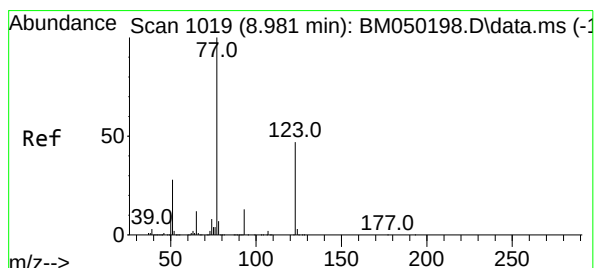
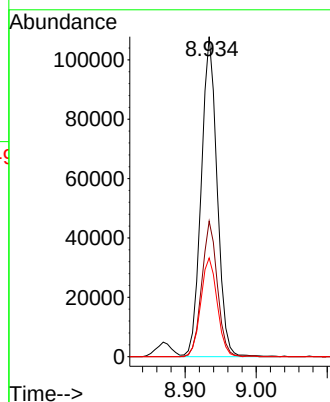
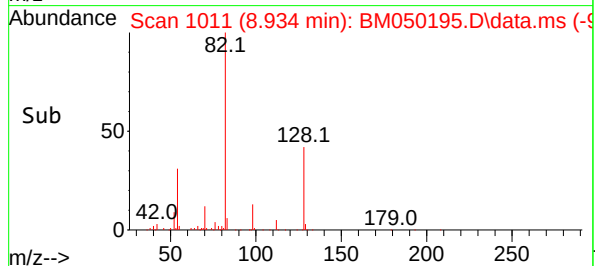
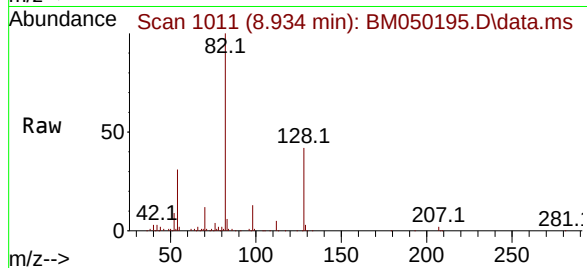
54 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#24

Nitrobenzene

Concen: 4.757 ng

RT: 8.975 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

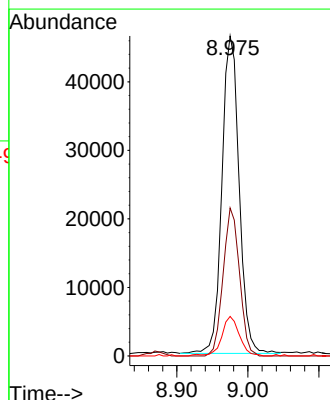
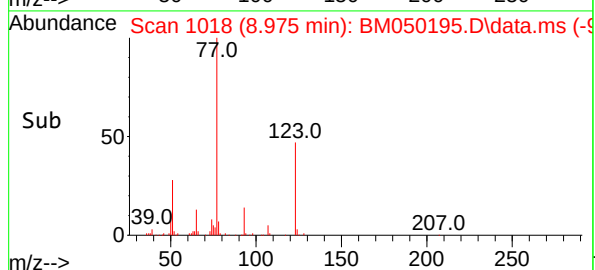
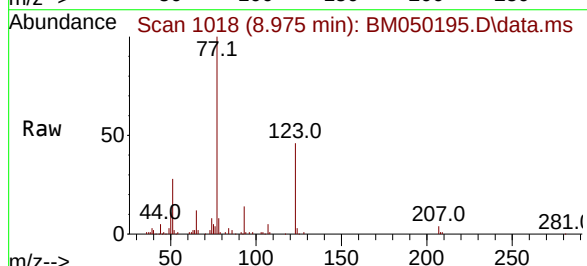
Tgt Ion: 77 Resp: 77828

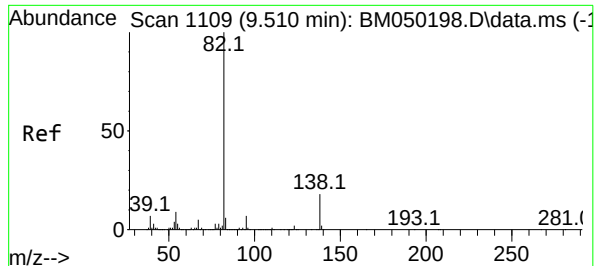
Ion Ratio Lower Upper

77 100

123 46.3 38.2 57.2

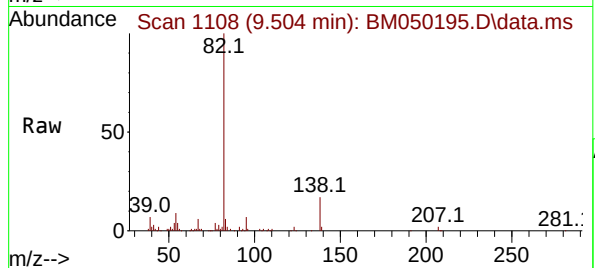
65 12.3 9.5 14.3





#25
Isophorone
Concen: 4.872 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

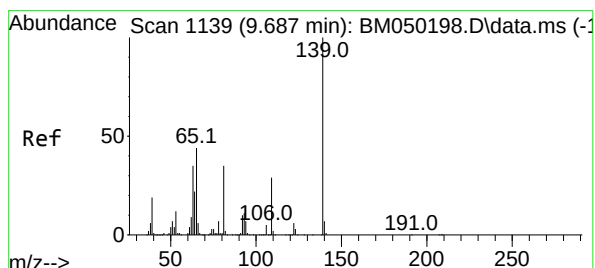
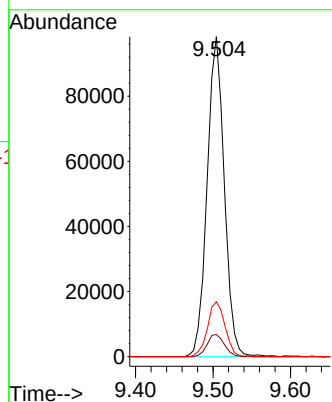
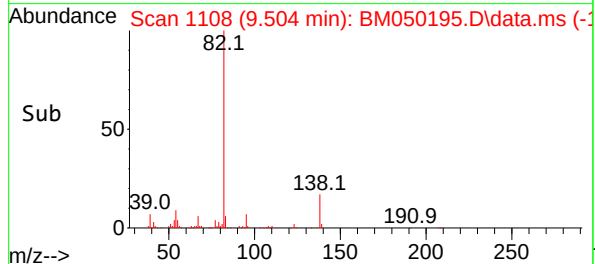
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 15129
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.2 14.2 21.2

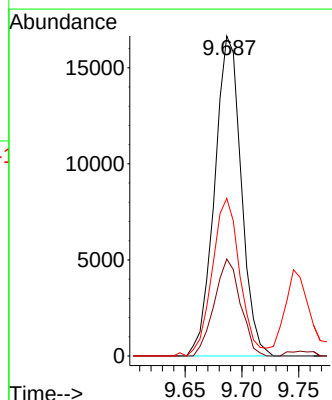
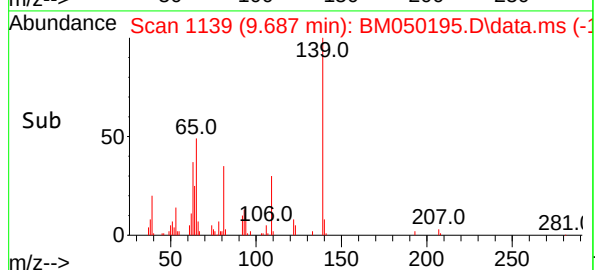
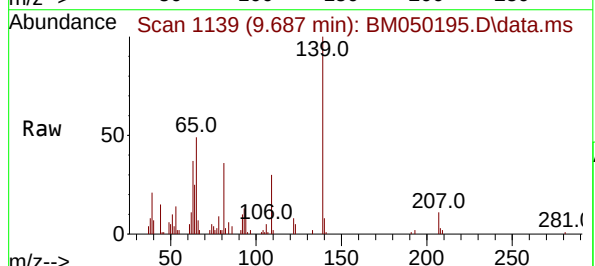
Manual Integrations
APPROVED

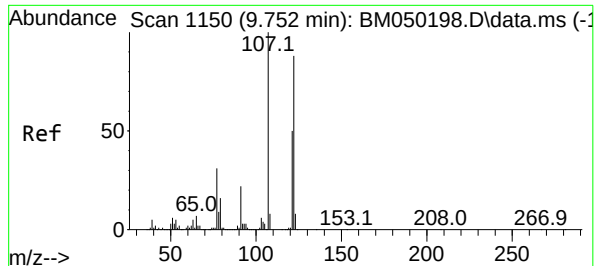
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#26
2-Nitrophenol
Concen: 3.839 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:139 Resp: 27114
Ion Ratio Lower Upper
139 100
109 30.3 23.3 34.9
65 49.2 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 5.010 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:122 Resp: 72768

Ion Ratio Lower Upper

122 100

107 112.9 91.0 136.6

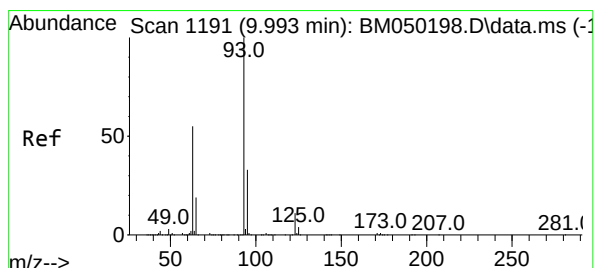
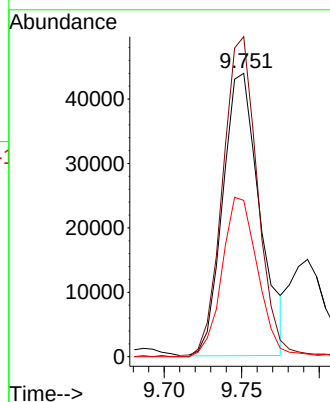
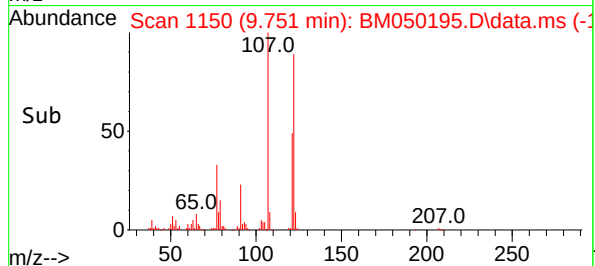
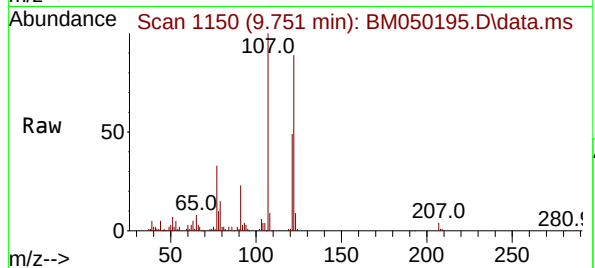
121 55.1 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.915 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

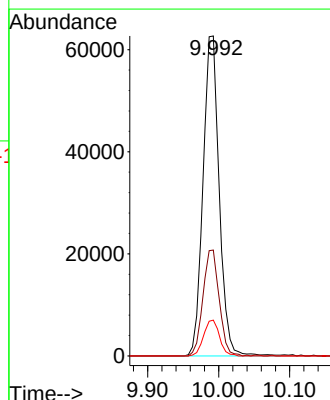
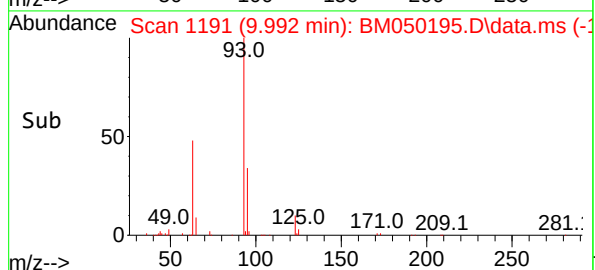
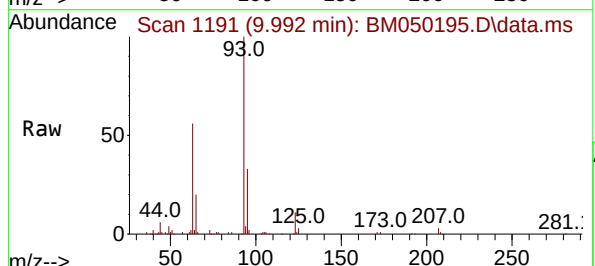
Tgt Ion: 93 Resp: 99703

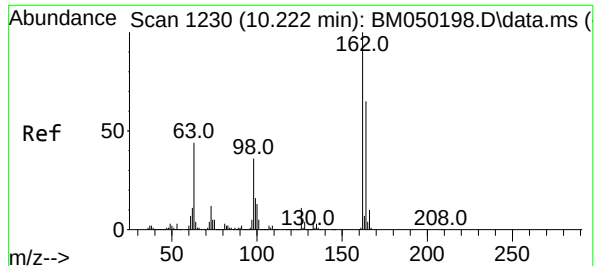
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

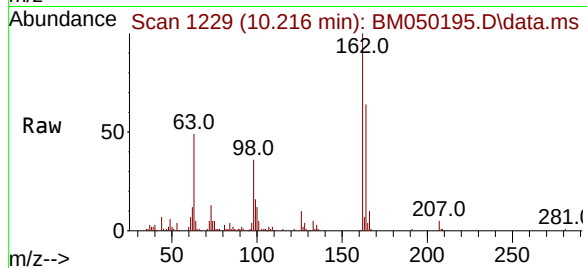
123 11.2 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 4.611 ng
RT: 10.216 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

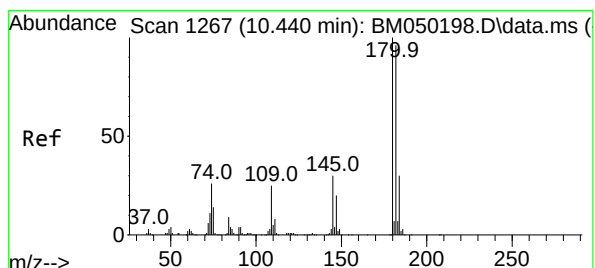
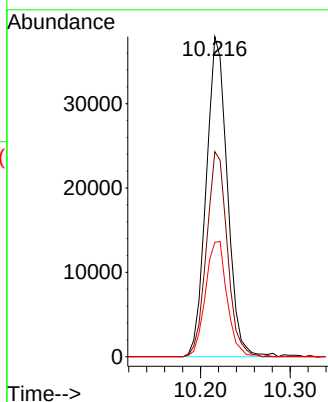
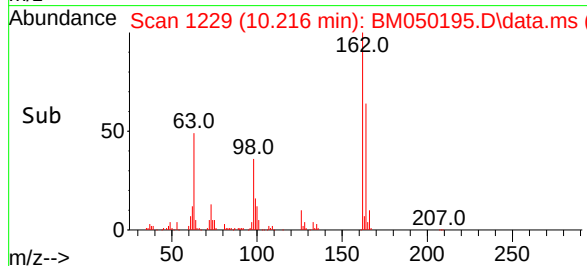
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:162 Resp: 61920
Ion Ratio Lower Upper
162 100
164 64.0 45.0 85.0
98 35.7 16.3 56.3

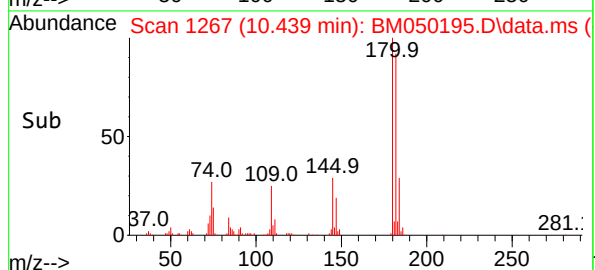
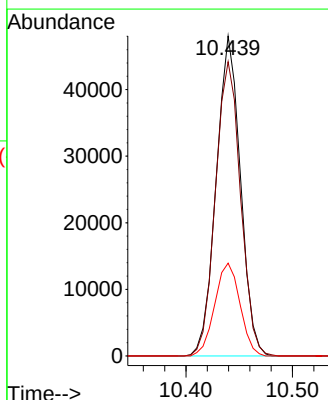
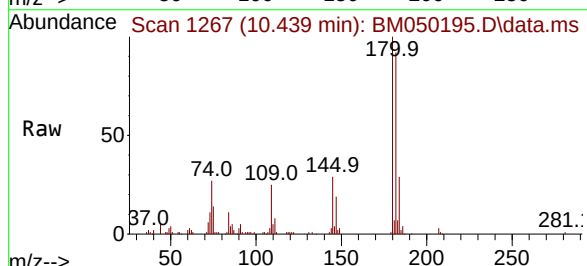
Manual Integrations
APPROVED

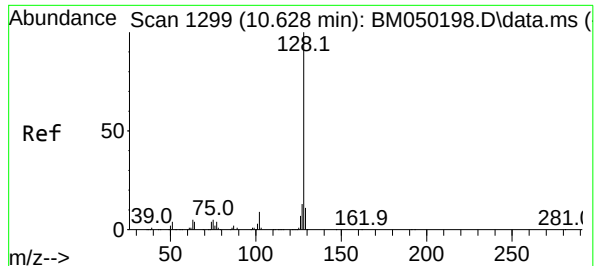
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 5.076 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

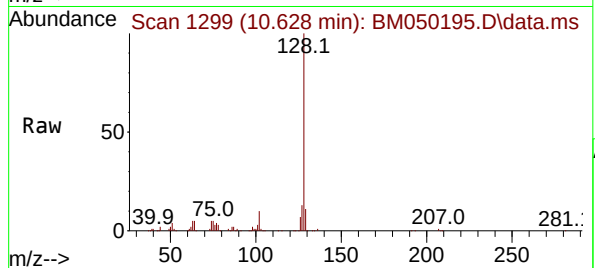
Tgt Ion:180 Resp: 75854
Ion Ratio Lower Upper
180 100
182 91.9 76.6 114.8
145 29.0 24.2 36.4





#31
Naphthalene
Concen: 5.370 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

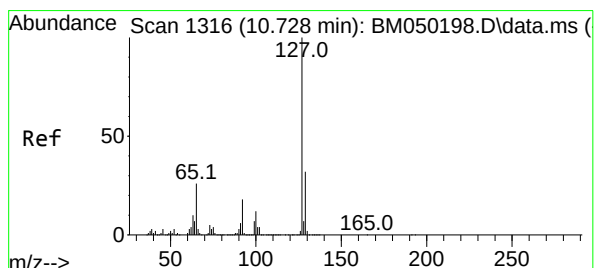
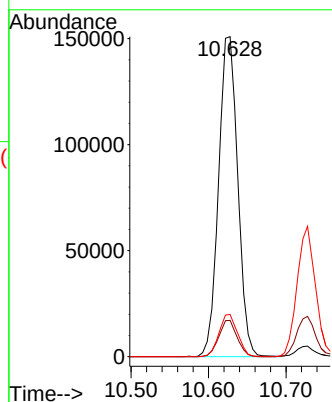
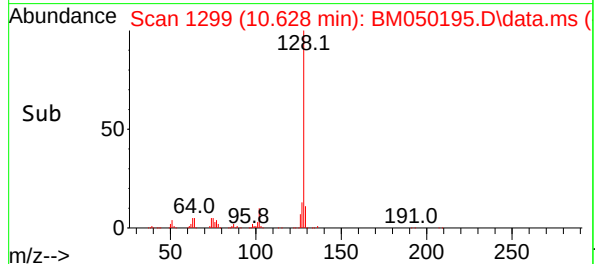
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 259768
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.2 10.2 15.4

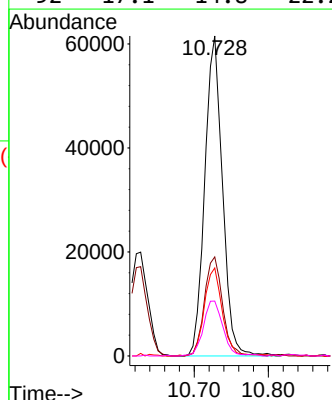
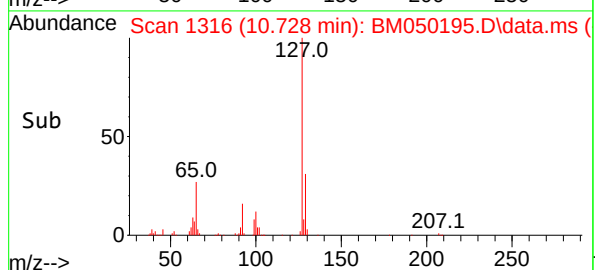
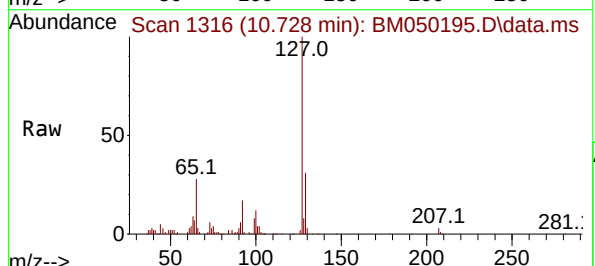
Manual Integrations
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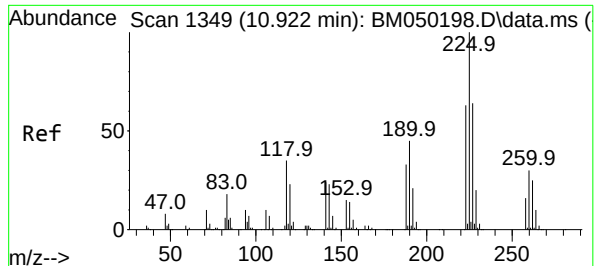
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#33
4-Chloroaniline
Concen: 4.964 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

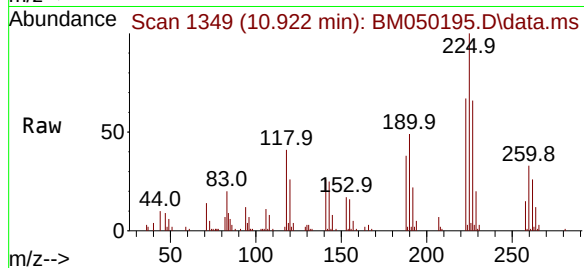
Tgt Ion:127 Resp: 102387
Ion Ratio Lower Upper
127 100
129 31.0 25.4 38.0
65 27.5 21.0 31.4
92 17.1 14.8 22.2





#34
Hexachlorobutadiene
Concen: 4.940 ng
RT: 10.922 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

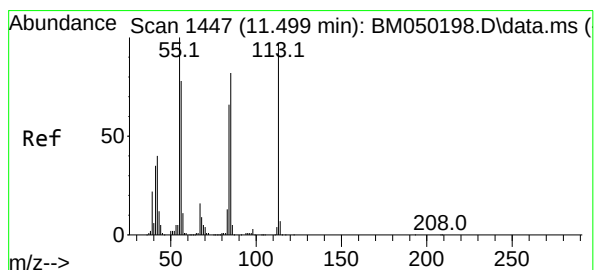
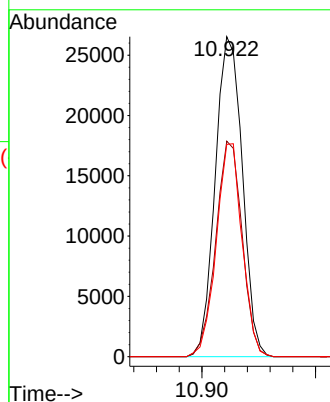
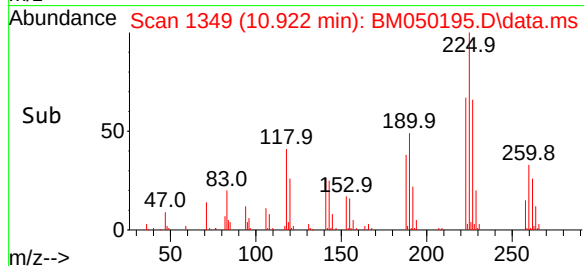
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:225 Resp: 43914
Ion Ratio Lower Upper
225 100
223 67.4 50.2 75.2
227 66.4 51.0 76.4

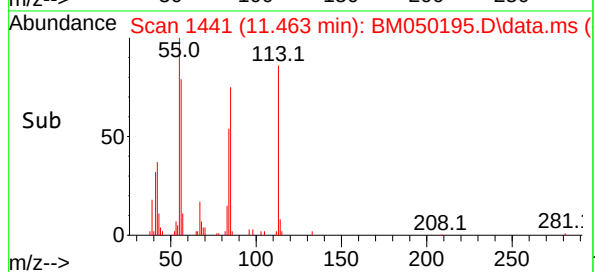
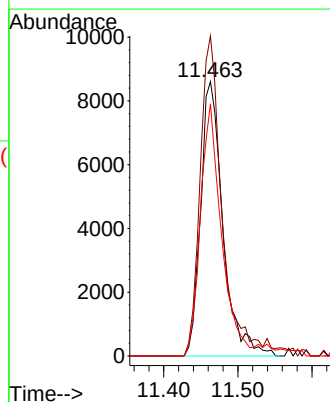
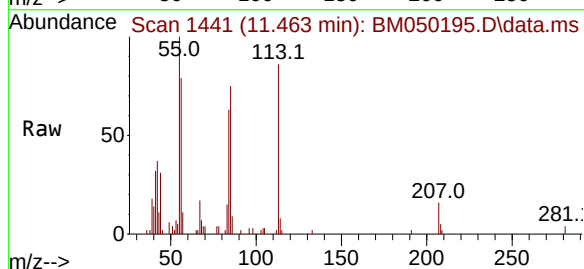
Manual Integrations
APPROVED

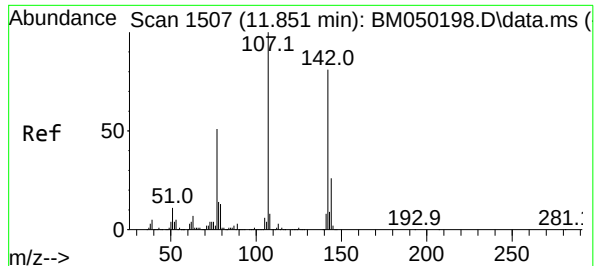
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#35
Caprolactam
Concen: 4.205 ng
RT: 11.463 min Scan# 1441
Delta R.T. -0.036 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

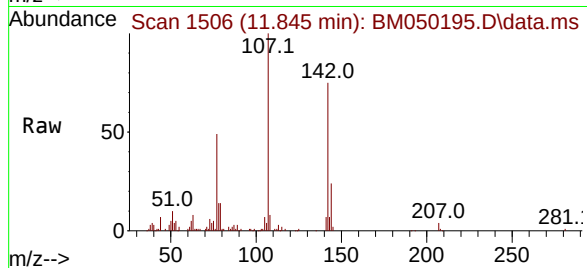
Tgt Ion:113 Resp: 17903
Ion Ratio Lower Upper
113 100
55 116.6 83.5 123.5
56 91.9 60.6 100.6





#36
4-Chloro-3-methylphenol
Concen: 4.788 ng
RT: 11.845 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

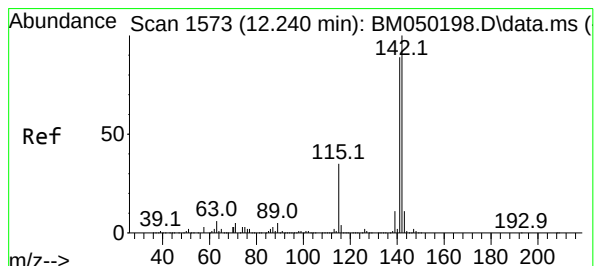
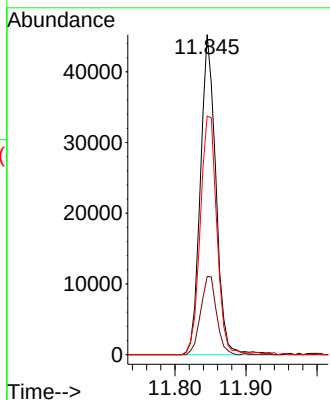
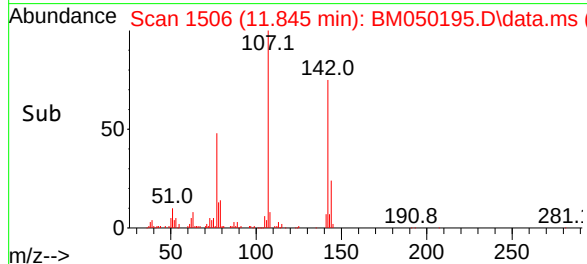
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



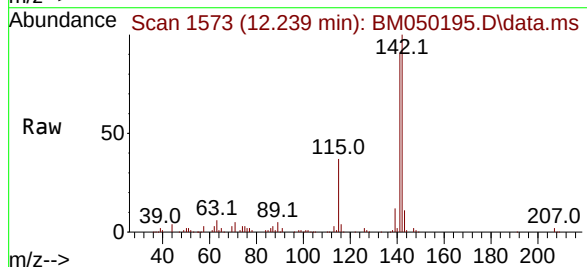
Tgt Ion:107 Resp: 68614
Ion Ratio Lower Upper
107 100
144 24.4 21.0 31.6
142 74.6 64.8 97.2

Manual Integrations
APPROVED

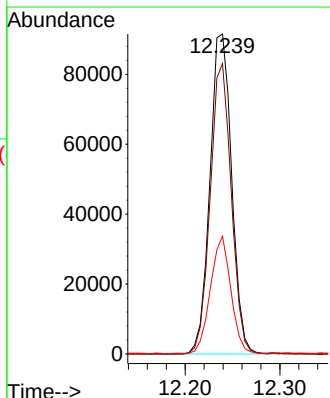
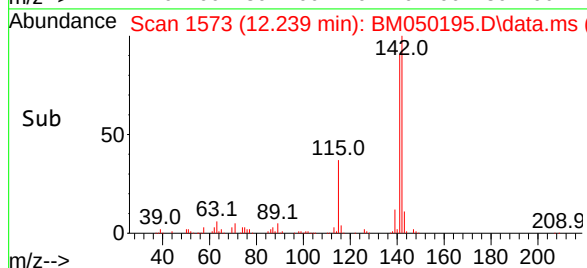
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

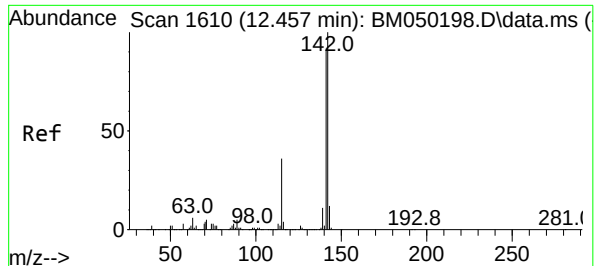


#37
2-Methylnaphthalene
Concen: 5.008 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



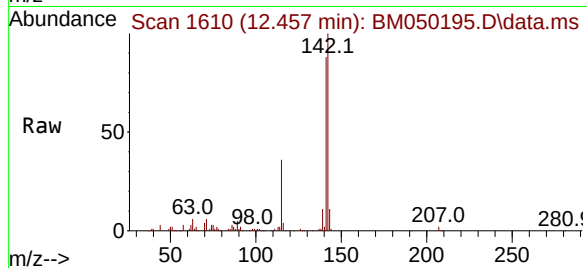
Tgt Ion:142 Resp: 146149
Ion Ratio Lower Upper
142 100
141 90.8 71.5 107.3
115 36.8 27.8 41.8





#38
1-Methylnaphthalene
Concen: 5.101 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

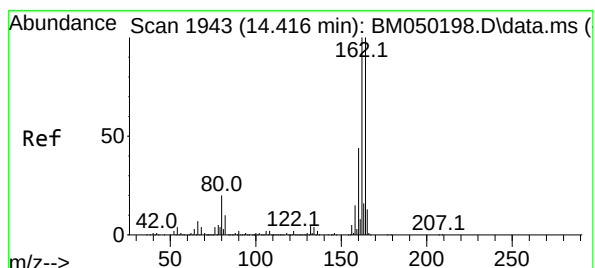
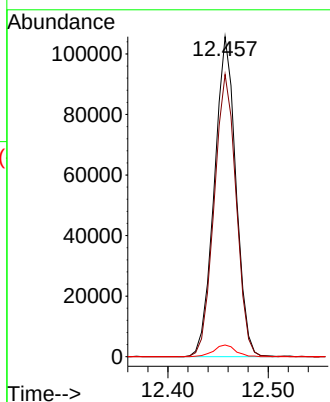
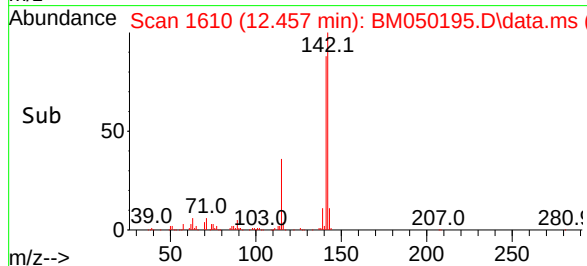
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:142 Resp: 15800
Ion Ratio Lower Upper
142 100
141 88.2 72.9 109.3
116 3.6 3.0 4.6

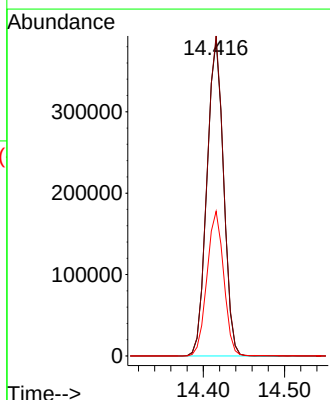
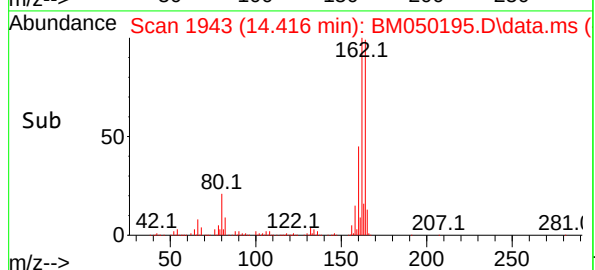
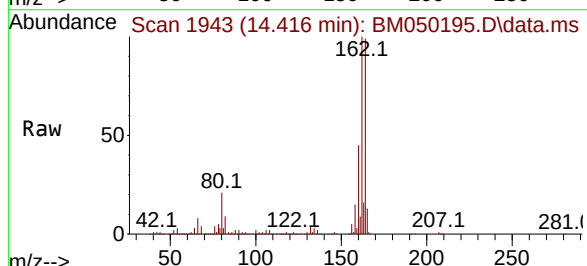
Manual Integrations
APPROVED

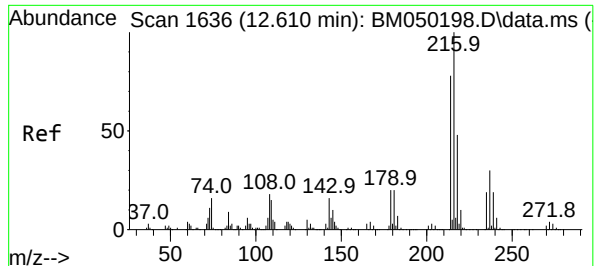
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

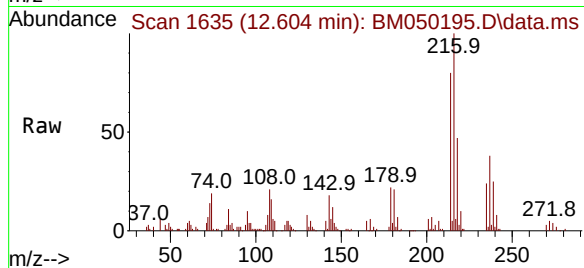
Tgt Ion:164 Resp: 551980
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.4
160 45.9 35.7 53.5





#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.075 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

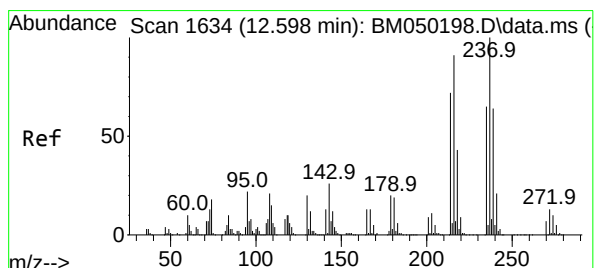
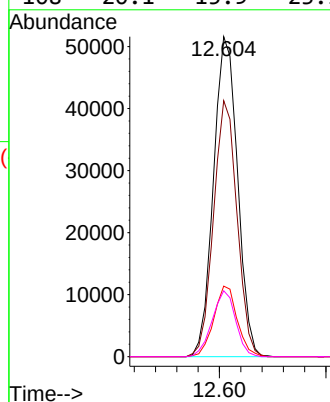
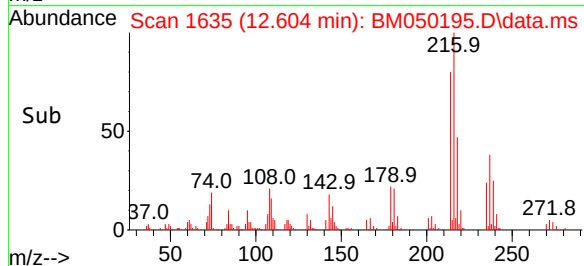
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



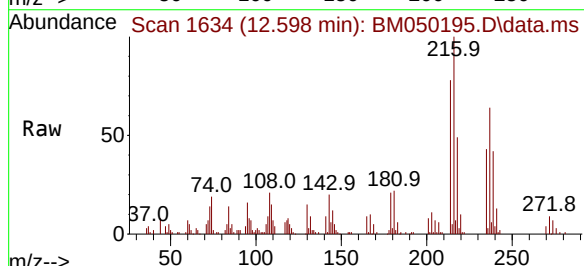
Tgt Ion:216 Resp: 80884
Ion Ratio Lower Upper
216 100
214 77.9 63.0 94.4
179 21.5 16.6 25.0
108 20.1 15.9 23.9

Manual Integrations
APPROVED

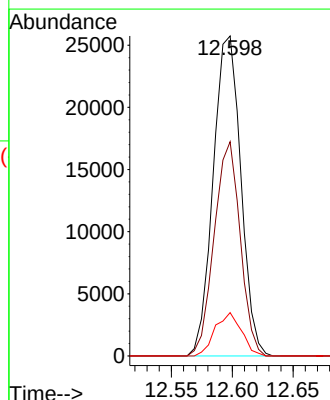
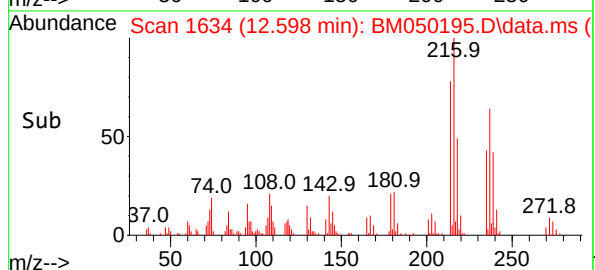
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

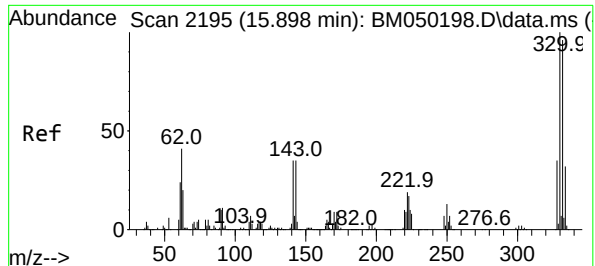


#41
Hexachlorocyclopentadiene
Concen: 4.202 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



Tgt Ion:237 Resp: 40674
Ion Ratio Lower Upper
237 100
235 67.0 44.6 84.6
272 13.6 0.0 33.1





#42
2,4,6-Tribromophenol
Concen: 9.236 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :

BNA_M

ClientSampleId :

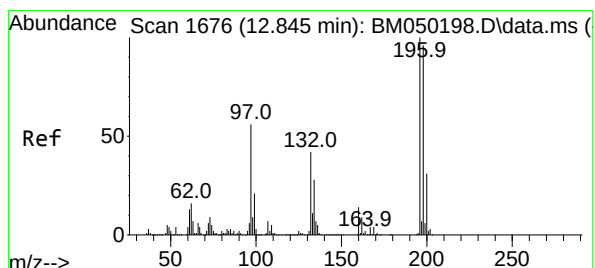
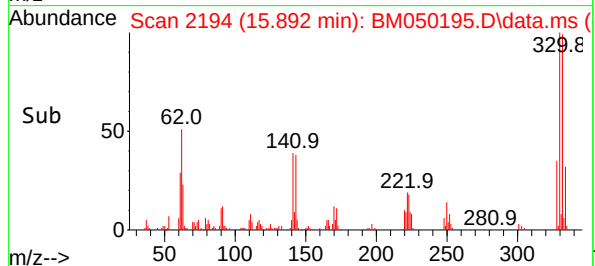
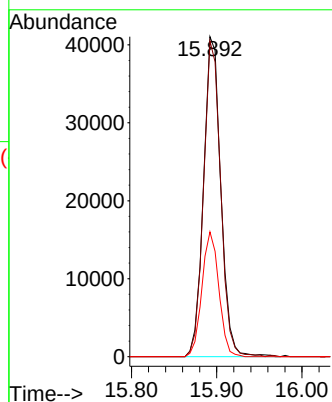
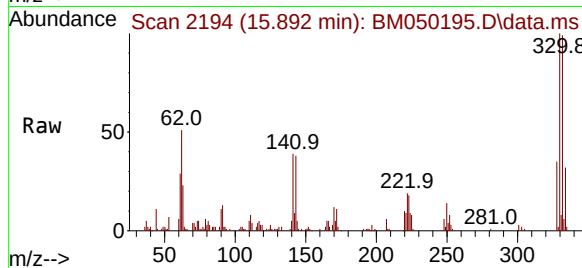
SSTDICC005

Tgt Ion:330 Resp: 57984
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 38.0 28.8 43.2

Manual Integrations

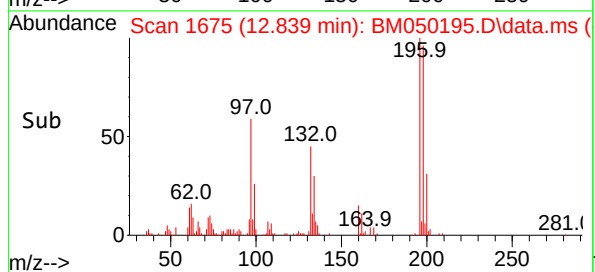
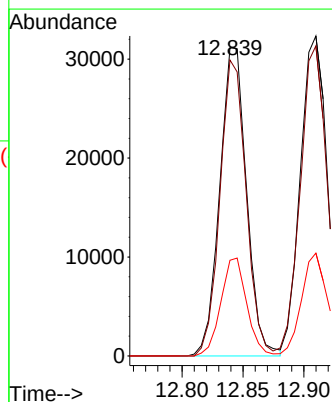
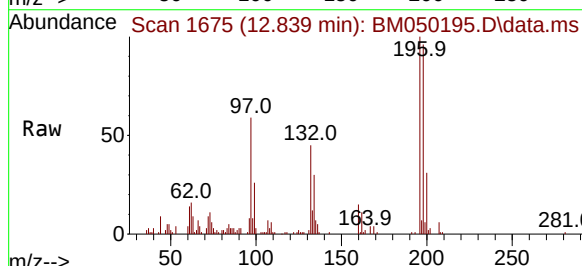
APPROVED

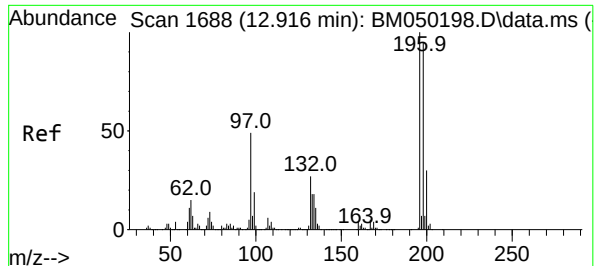
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#43
2,4,6-Trichlorophenol
Concen: 4.561 ng
RT: 12.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

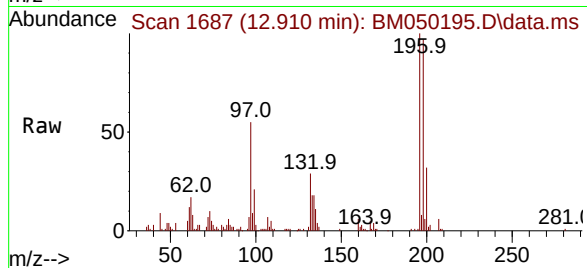
Tgt Ion:196 Resp: 47806
Ion Ratio Lower Upper
196 100
198 96.0 76.6 115.0
200 31.1 24.5 36.7





#44
2,4,5-Trichlorophenol
Concen: 4.449 ng
RT: 12.910 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

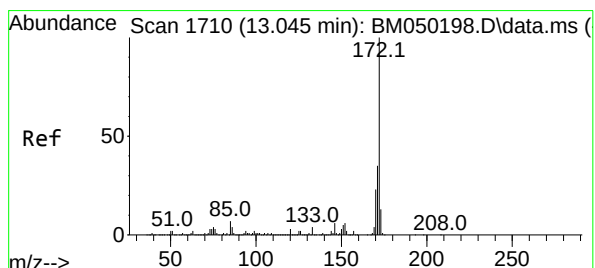
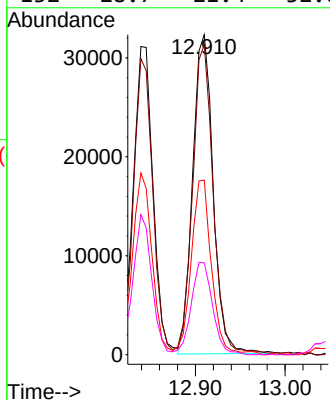
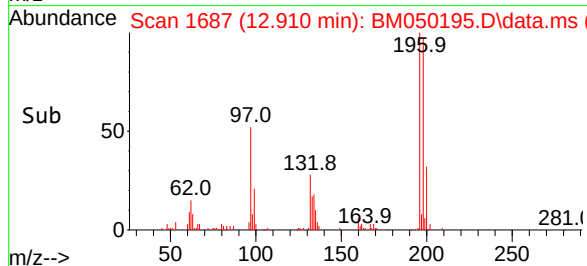
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 51190
Ion Ratio Lower Upper
196 100
198 96.9 76.1 114.1
97 54.5 39.3 58.9
132 28.7 21.4 32.0

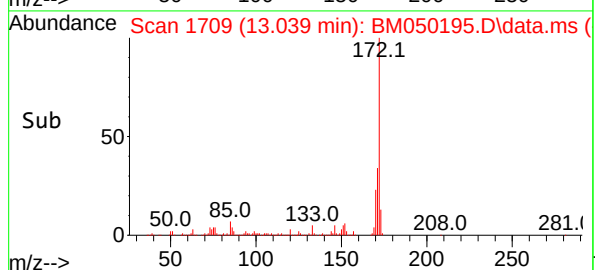
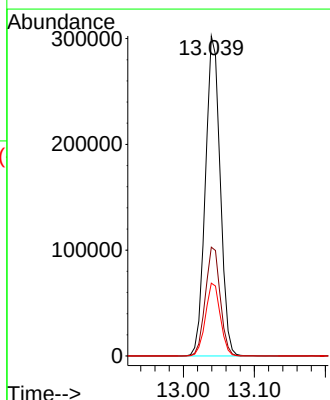
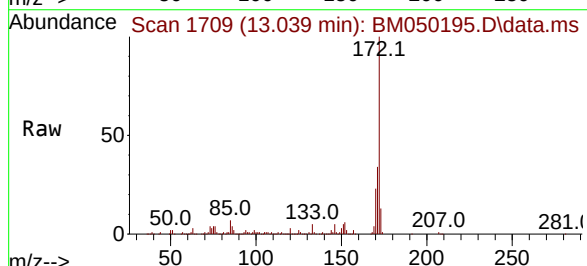
Manual Integrations
APPROVED

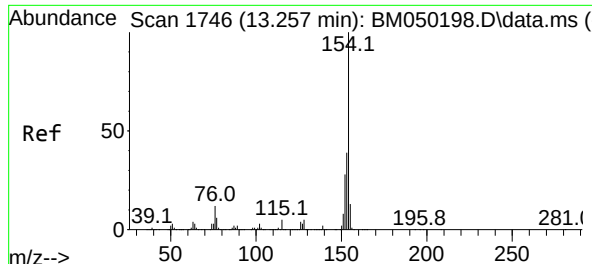
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#45
2-Fluorobiphenyl
Concen: 10.753 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

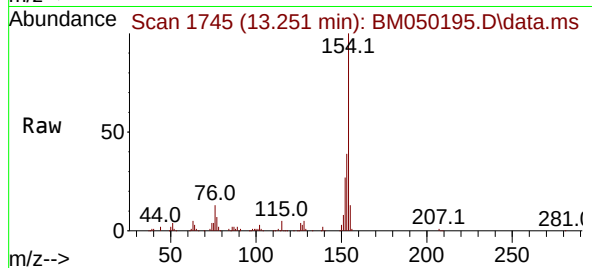
Tgt Ion:172 Resp: 438411
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 22.8 18.6 27.8





#46
1,1'-Biphenyl
Concen: 5.282 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

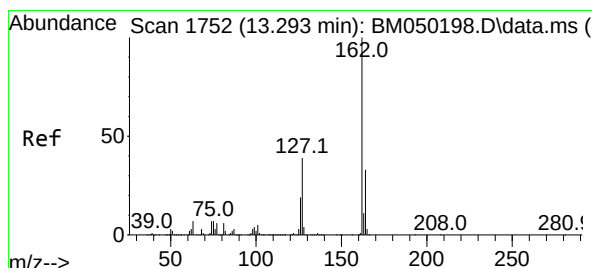
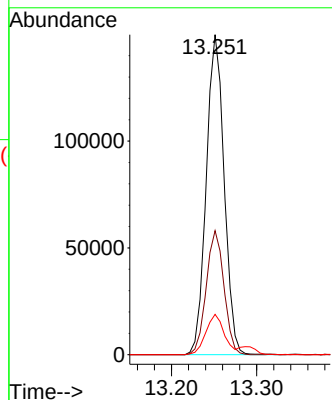
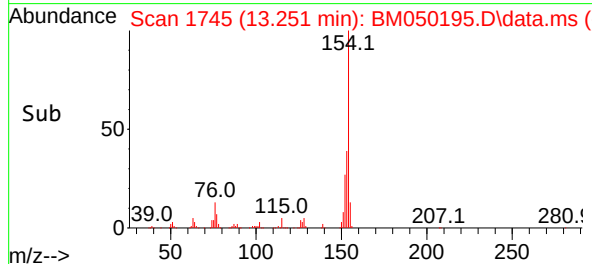
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 218302
Ion Ratio Lower Upper
154 100
153 38.7 19.2 59.2
76 12.6 0.0 32.0

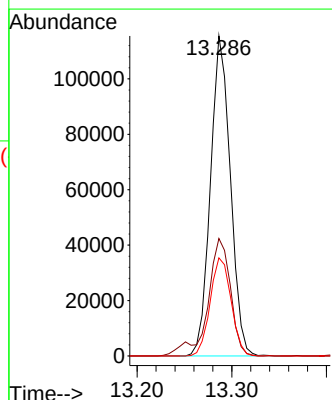
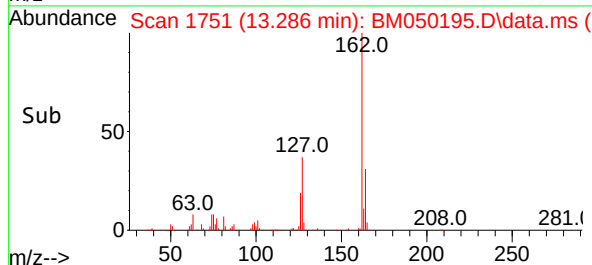
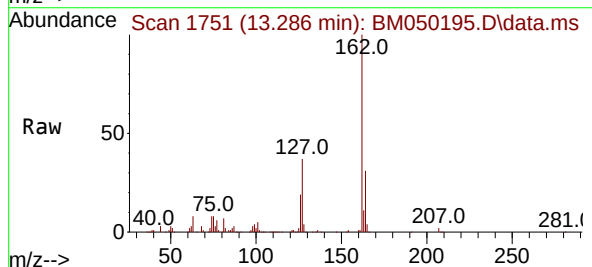
Manual Integrations
APPROVED

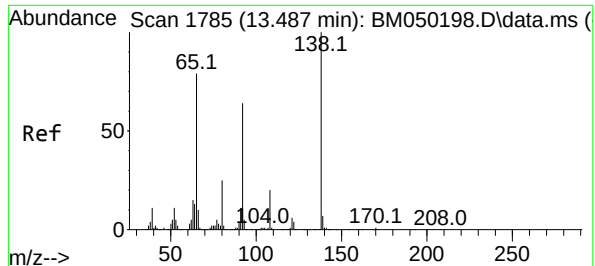
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#47
2-Chloronaphthalene
Concen: 5.243 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

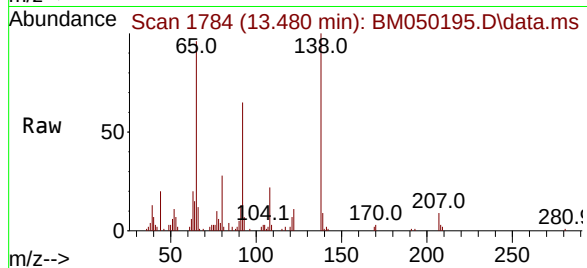
Tgt Ion:162 Resp: 168466
Ion Ratio Lower Upper
162 100
127 36.7 31.1 46.7
164 30.7 26.5 39.7





#48
2-Nitroaniline
Concen: 3.895 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

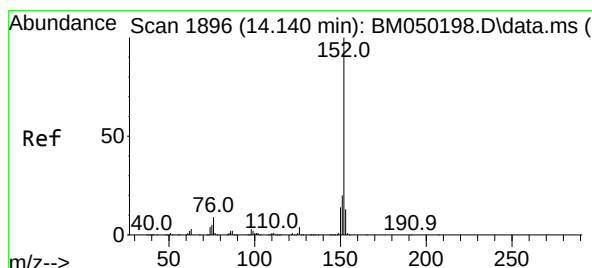
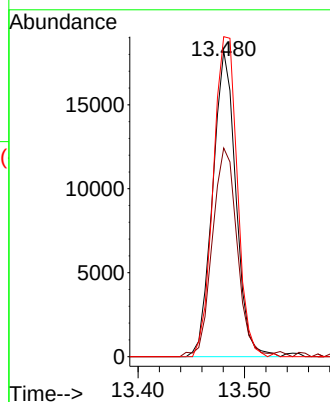
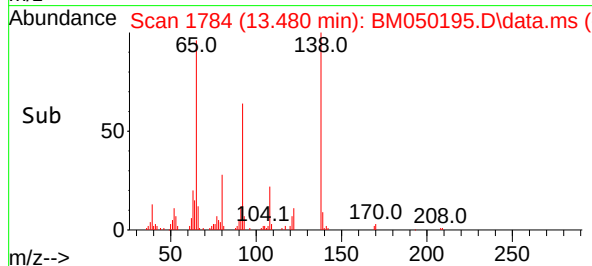
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 2754
Ion Ratio Lower Upper
65 100
92 68.2 64.2 96.4
138 104.7 101.0 151.4

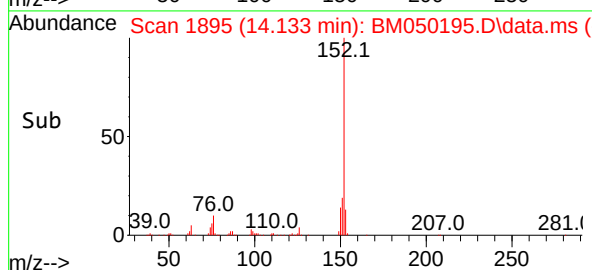
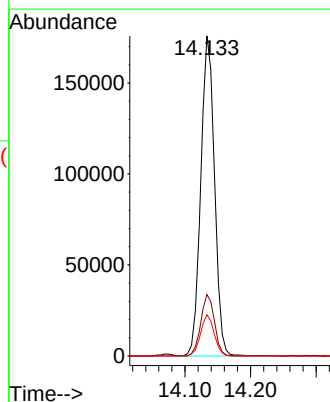
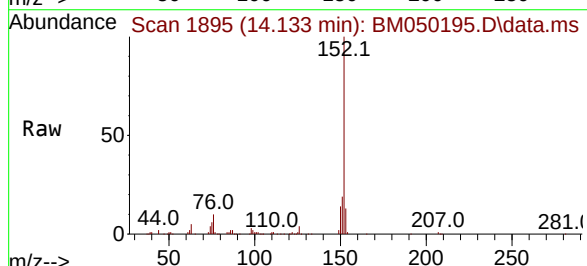
Manual Integrations
APPROVED

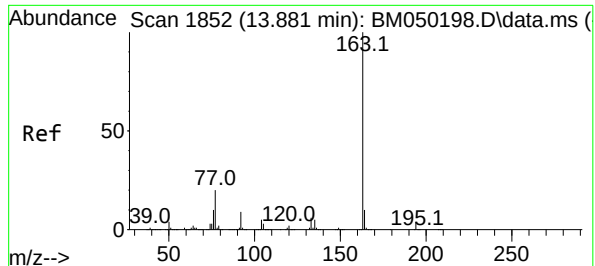
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#49
Acenaphthylene
Concen: 4.946 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

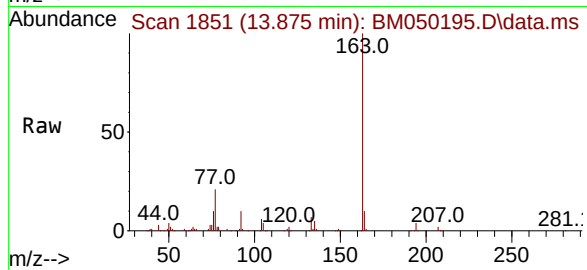
Tgt Ion:152 Resp: 257055
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.6
153 12.9 10.4 15.6





#50
Dimethylphthalate
Concen: 4.950 ng
RT: 13.875 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

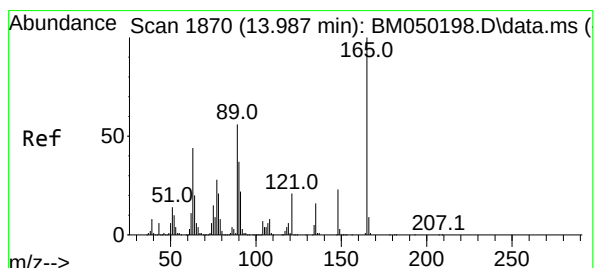
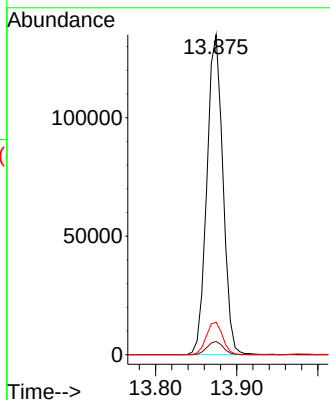
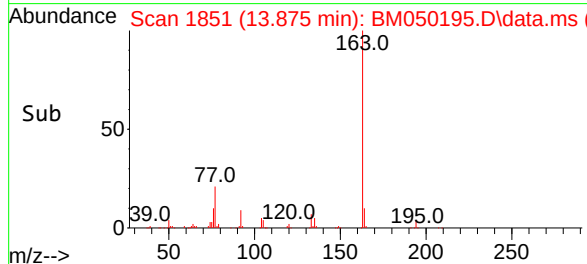
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



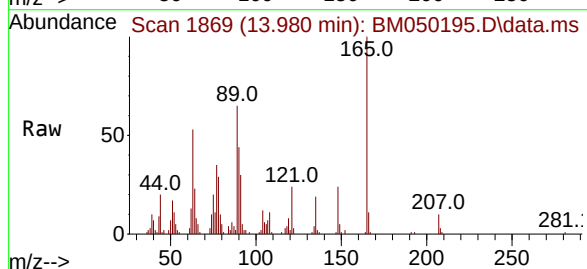
Tgt Ion:163 Resp: 18477
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9

Manual Integrations
APPROVED

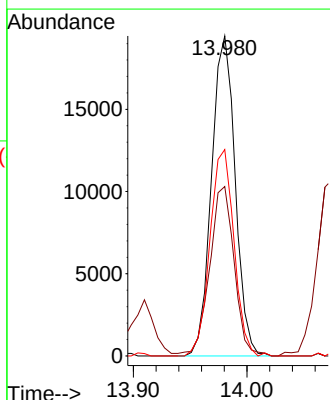
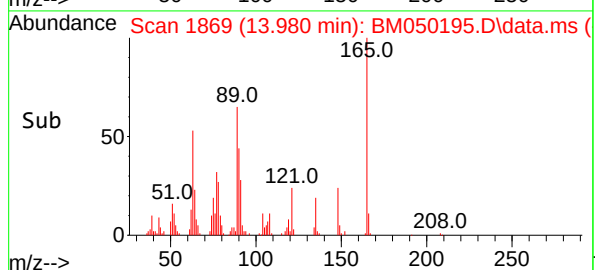
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

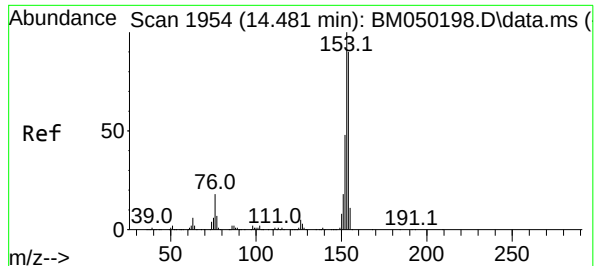


#51
2,6-Dinitrotoluene
Concen: 3.739 ng
RT: 13.980 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



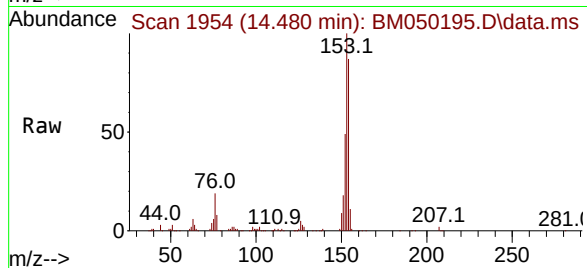
Tgt Ion:165 Resp: 28146
Ion Ratio Lower Upper
165 100
63 52.9 35.8 53.6
89 64.5 44.8 67.2





#52
Acenaphthene
Concen: 5.164 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

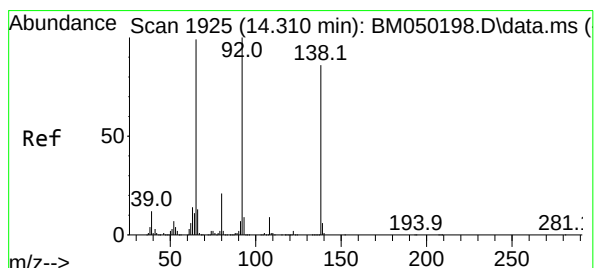
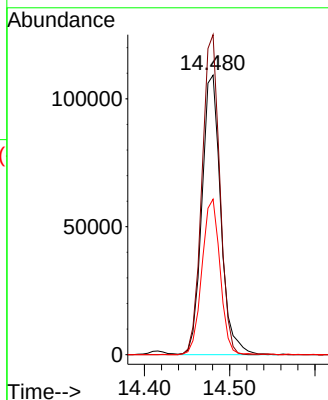
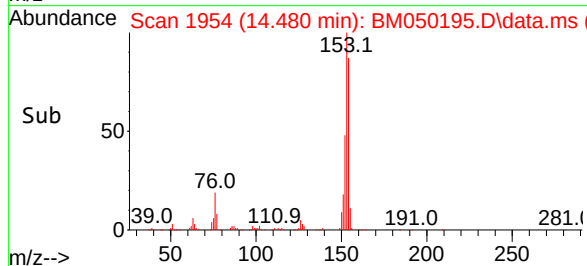
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



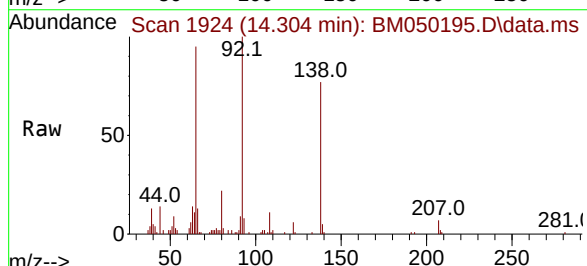
Tgt Ion:154 Resp: 167870
Ion Ratio Lower Upper
154 100
153 114.5 88.7 133.1
152 55.6 42.6 63.8

Manual Integrations
APPROVED

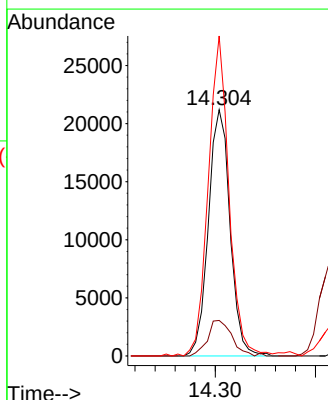
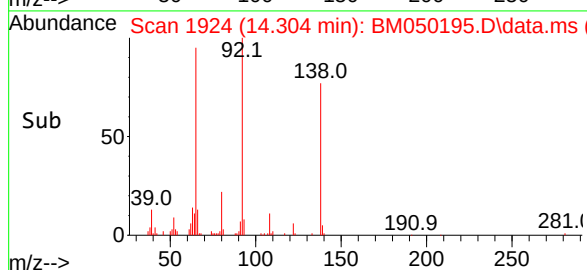
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

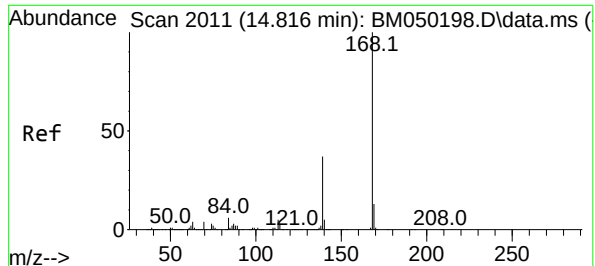


#53
3-Nitroaniline
Concen: 3.794 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



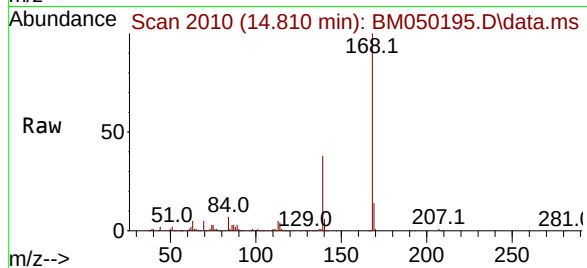
Tgt Ion:138 Resp: 31831
Ion Ratio Lower Upper
138 100
108 14.4 8.8 13.2#
92 129.9 92.9 139.3





#55
Dibenzenofuran
Concen: 5.171 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

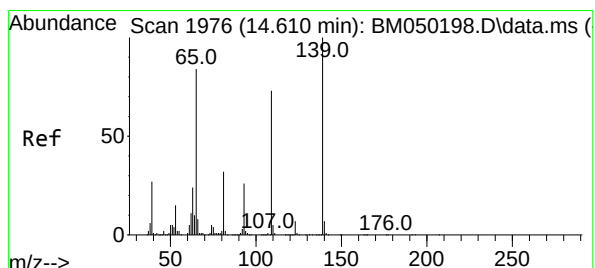
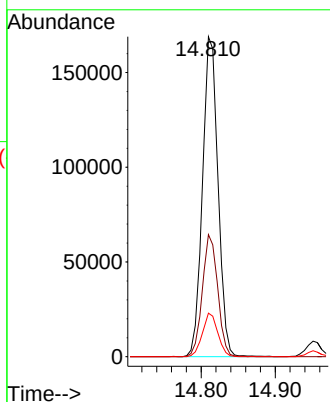
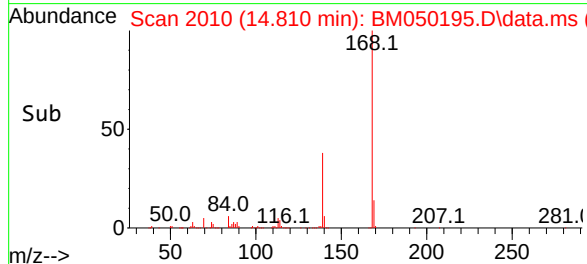
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:168 Resp: 24591
Ion Ratio Lower Upper
168 100
139 38.2 29.9 44.9
169 13.6 10.6 16.0

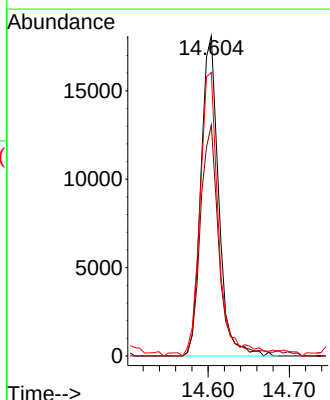
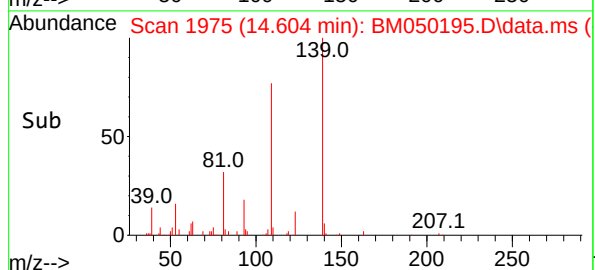
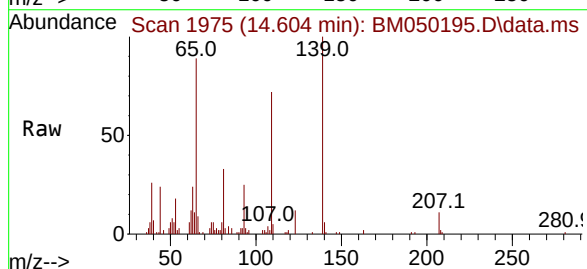
Manual Integrations
APPROVED

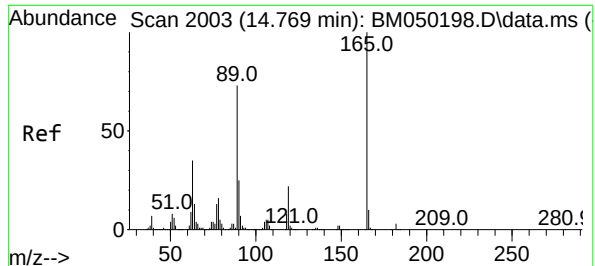
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#56
4-Nitrophenol
Concen: 3.840 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

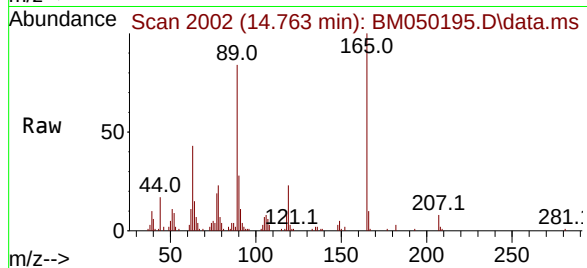
Tgt Ion:139 Resp: 27420
Ion Ratio Lower Upper
139 100
109 72.2 52.6 92.6
65 88.6 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 3.470 ng
RT: 14.763 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

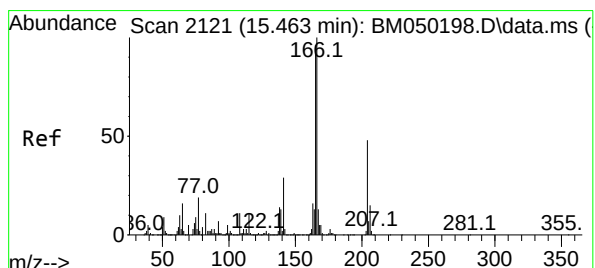
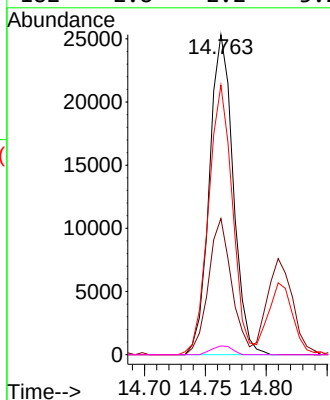
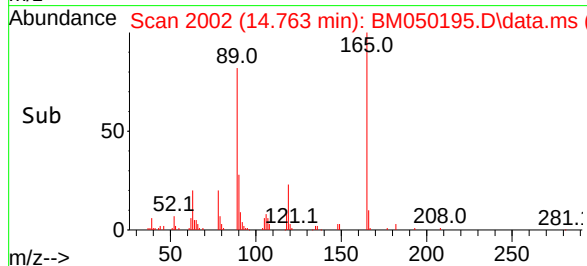
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:165 Resp: 3445
Ion Ratio Lower Upper
165 100
63 42.5 28.4 42.6
89 84.3 58.0 87.0
182 2.8 2.2 3.2

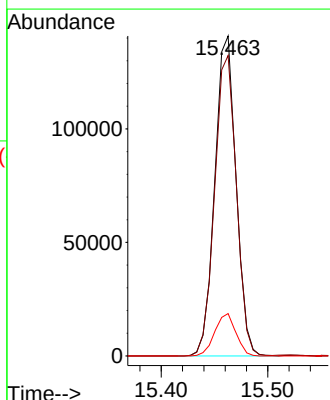
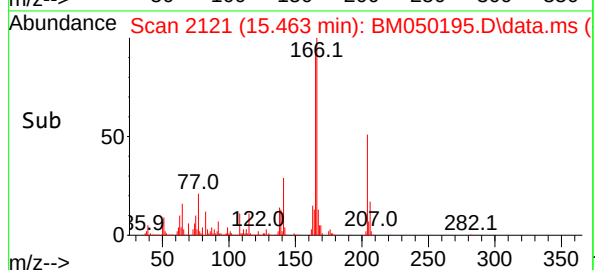
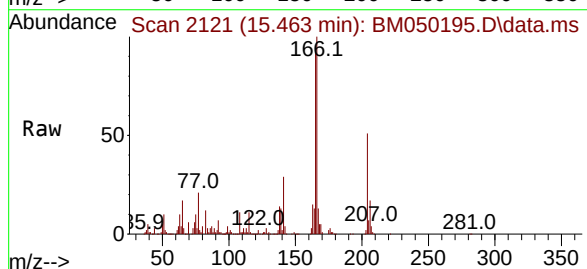
Manual Integrations
APPROVED

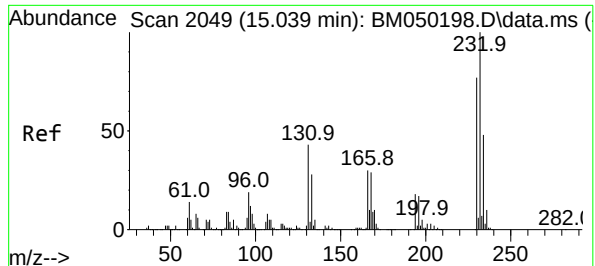
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#58
Fluorene
Concen: 5.354 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

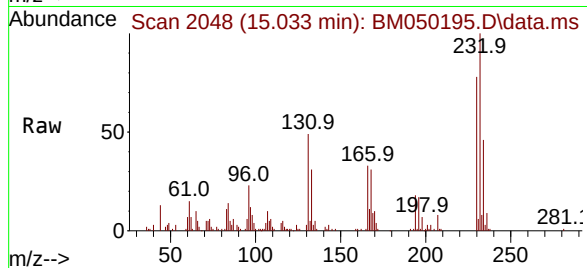
Tgt Ion:166 Resp: 195018
Ion Ratio Lower Upper
166 100
165 93.9 77.0 115.4
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.685 ng m
RT: 15.033 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

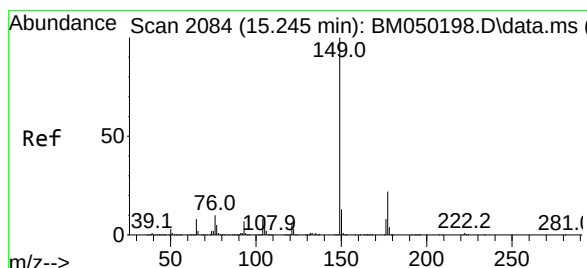
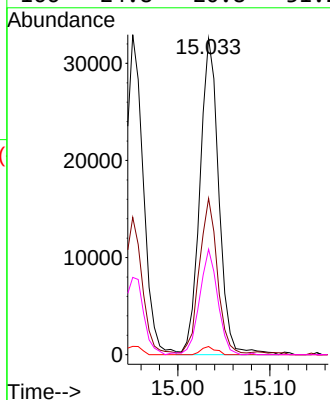
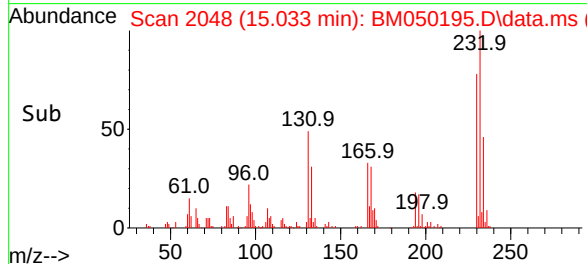
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



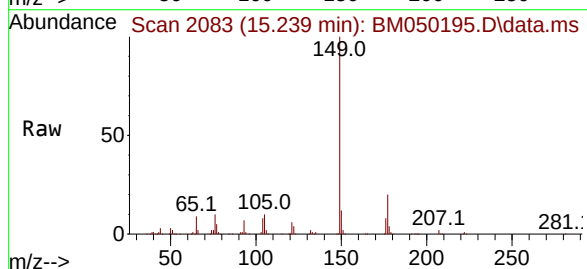
Tgt Ion:232 Resp: 4664
Ion Ratio Lower Upper
232 100
131 42.0 32.9 49.3
130 2.5 1.8 2.8
166 24.8 20.8 31.2

Manual Integrations
APPROVED

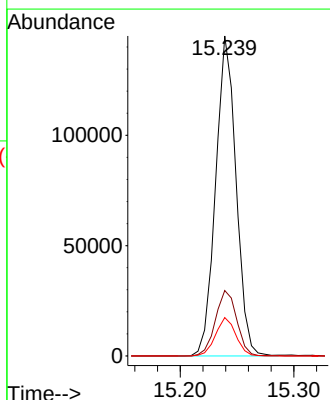
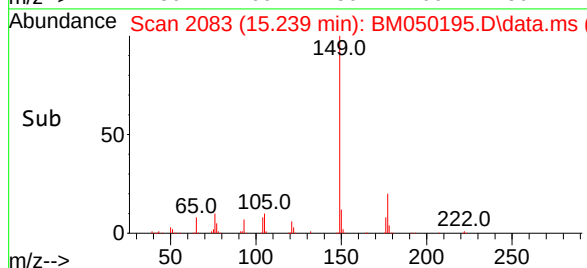
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

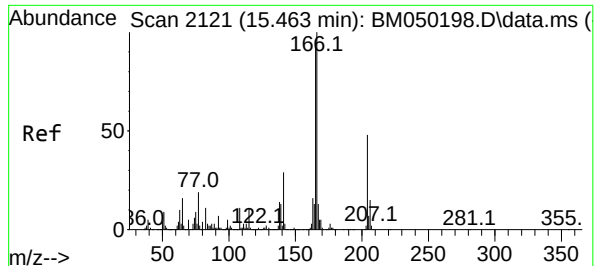


#60
Diethylphthalate
Concen: 4.897 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



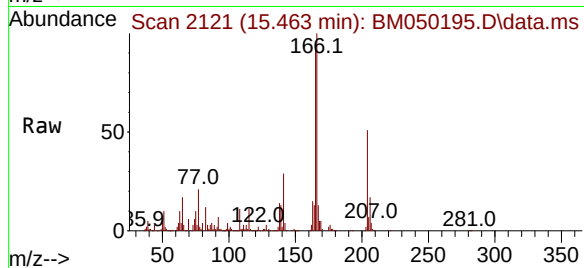
Tgt Ion:149 Resp: 181363
Ion Ratio Lower Upper
149 100
177 20.5 17.2 25.8
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 5.291 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

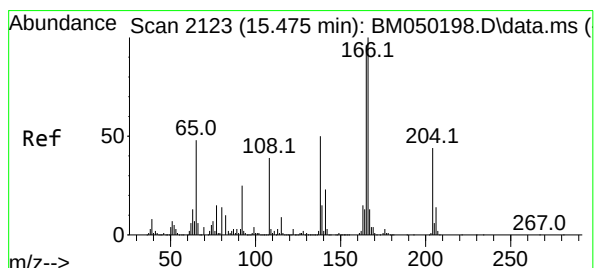
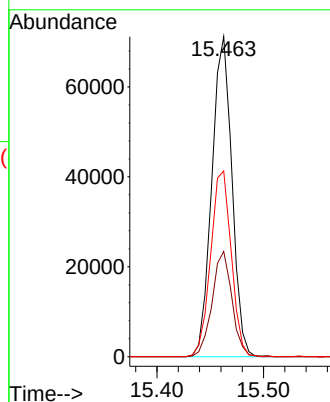
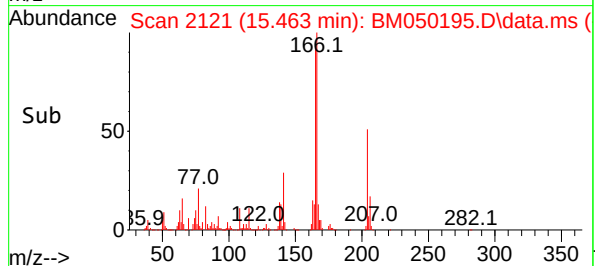
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



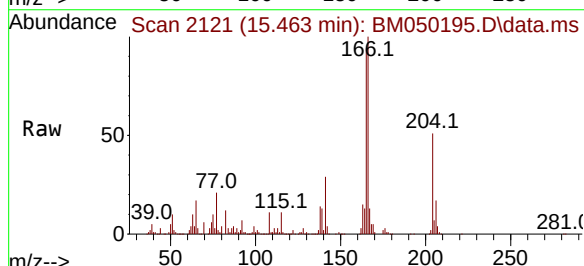
Tgt Ion:204 Resp: 9314
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 58.1 47.9 71.9

Manual Integrations
APPROVED

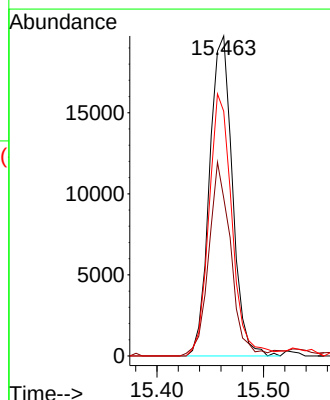
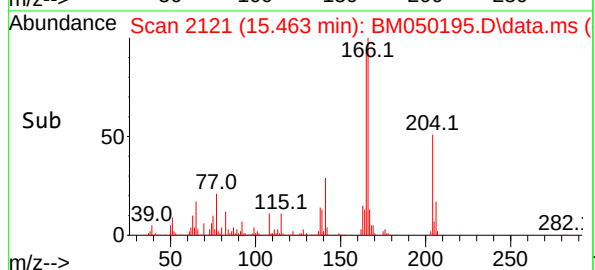
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

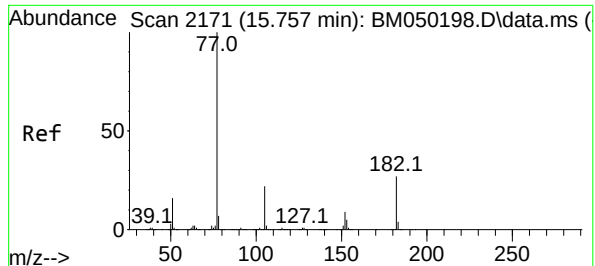


#62
4-Nitroaniline
Concen: 3.743 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



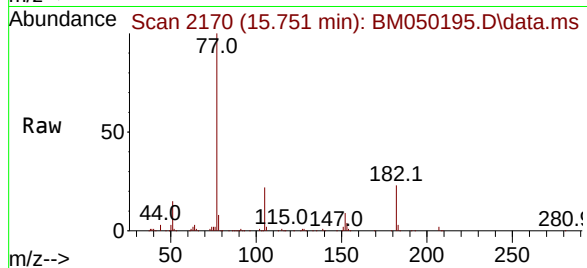
Tgt Ion:138 Resp: 29436
Ion Ratio Lower Upper
138 100
92 49.4 28.8 68.8
108 76.5 58.1 98.1





#63
Azobenzene
Concen: 5.001 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

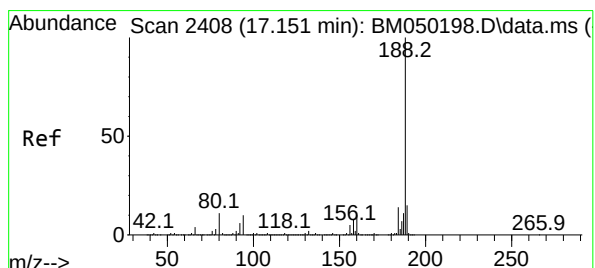
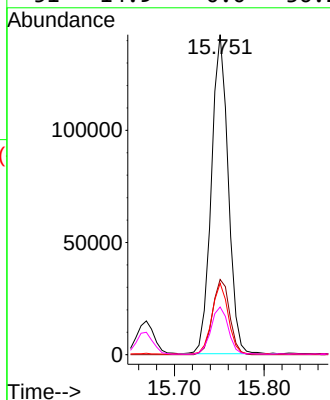
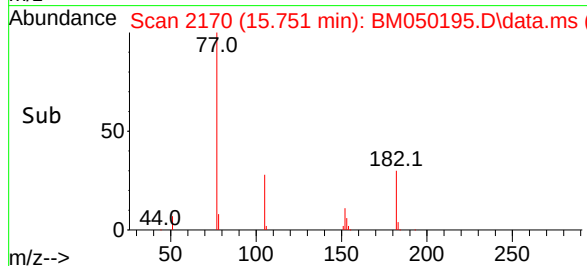
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



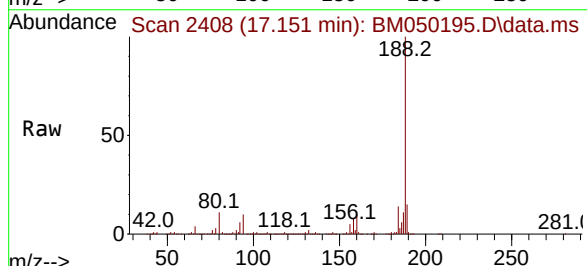
Tgt Ion: 77 Resp: 185154
Ion Ratio Lower Upper
77 100
182 23.5 6.8 46.8
105 22.3 1.7 41.7
51 14.9 0.0 36.2

Manual Integrations
APPROVED

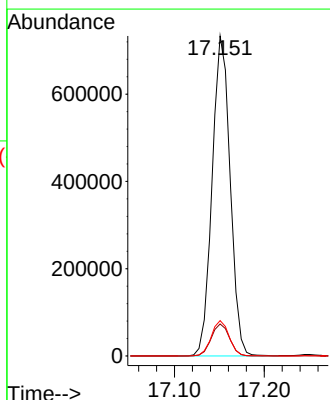
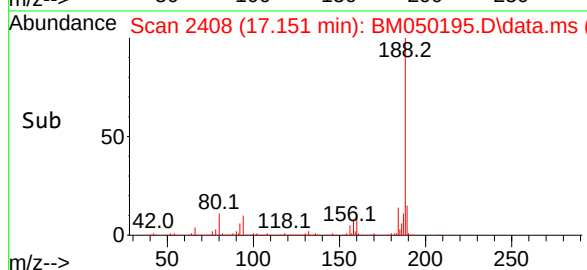
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

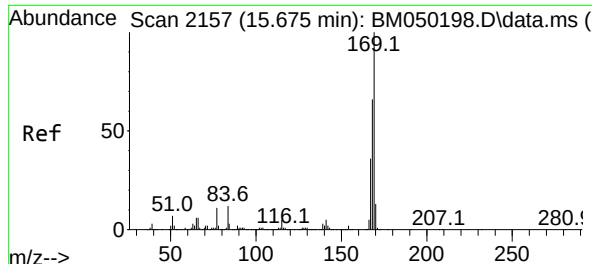


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



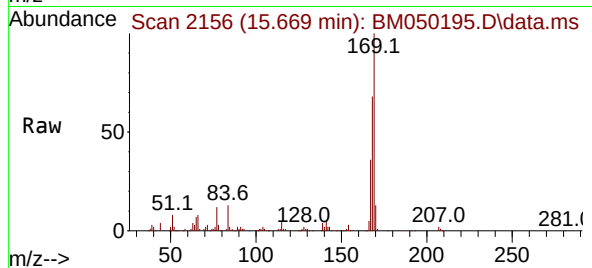
Tgt Ion:188 Resp: 1022508
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.1 8.6 13.0





#66
n-Nitrosodiphenylamine
Concen: 5.014 ng
RT: 15.669 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

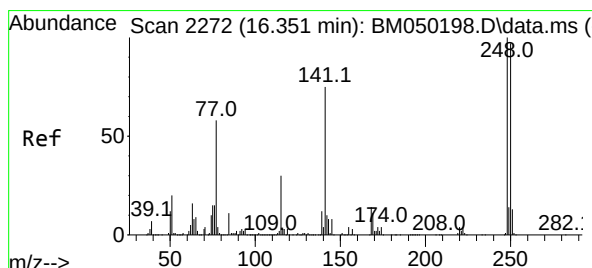
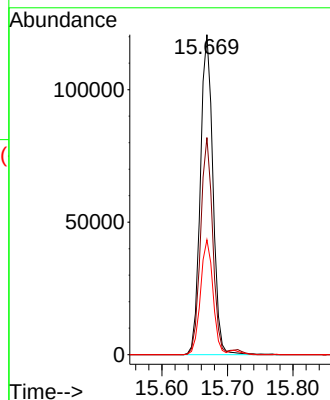
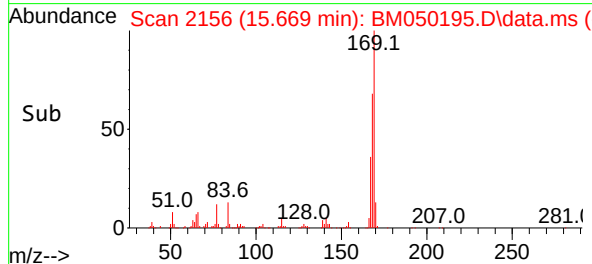
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:169 Resp: 16109
Ion Ratio Lower Upper
169 100
168 67.9 53.1 79.7
167 35.9 29.0 43.6

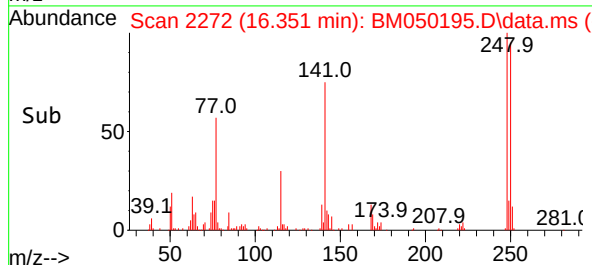
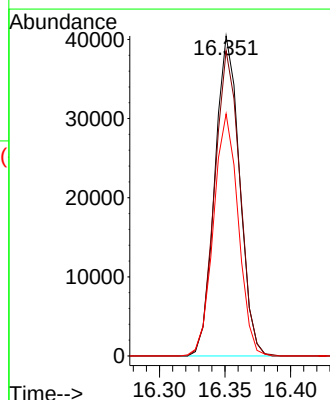
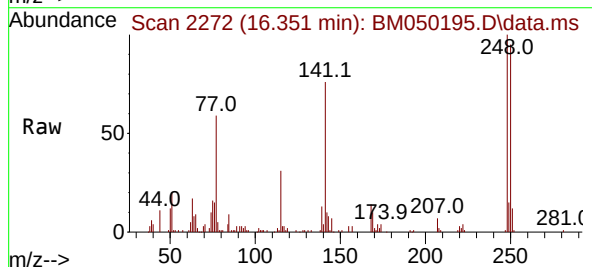
Manual Integrations
APPROVED

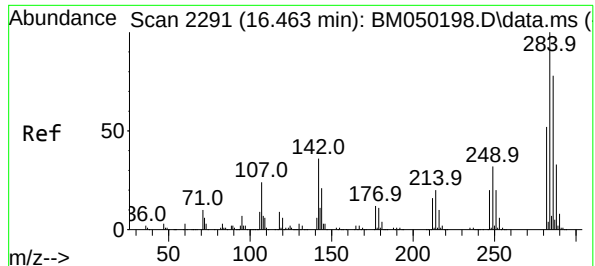
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#67
4-Bromophenyl-phenylether
Concen: 4.857 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

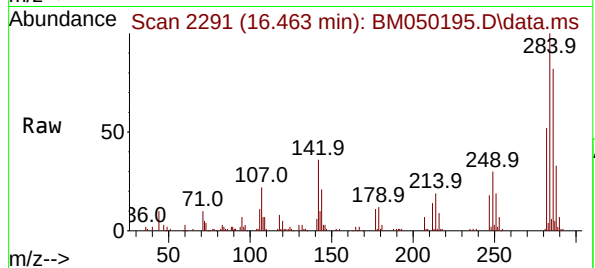
Tgt Ion:248 Resp: 52965
Ion Ratio Lower Upper
248 100
250 95.4 78.0 117.0
141 75.7 60.1 90.1





#68
Hexachlorobenzene
Concen: 5.000 ng
RT: 16.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

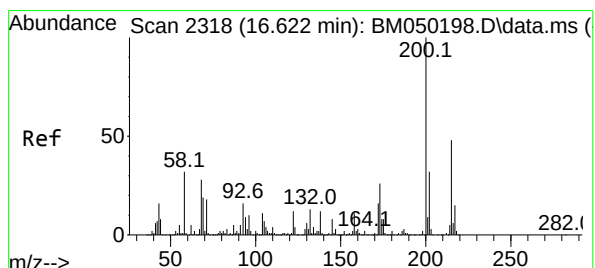
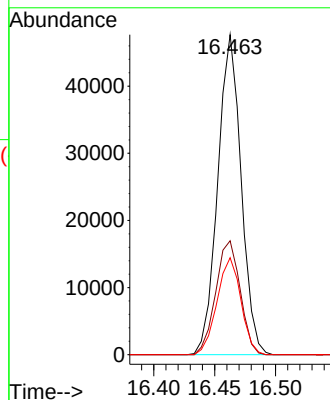
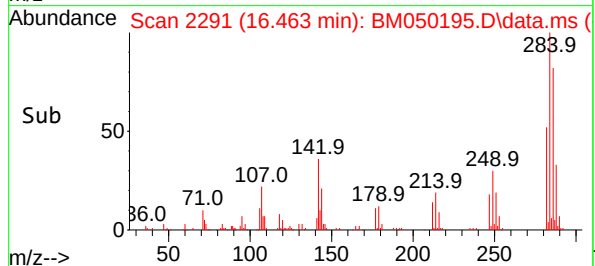
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



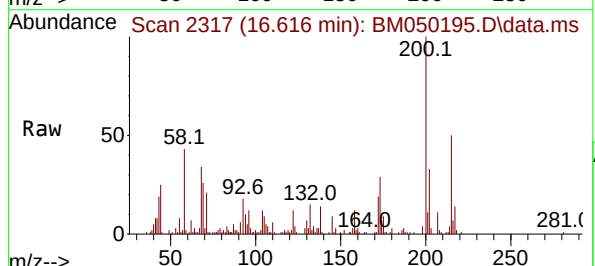
Tgt Ion:284 Resp: 63698
Ion Ratio Lower Upper
284 100
142 35.6 28.8 43.2
249 30.3 25.8 38.6

Manual Integrations
APPROVED

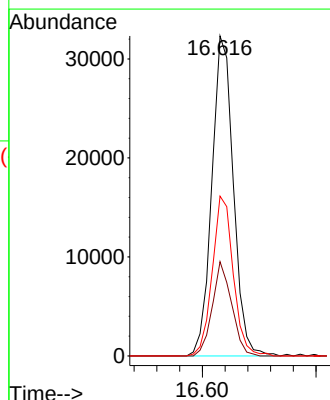
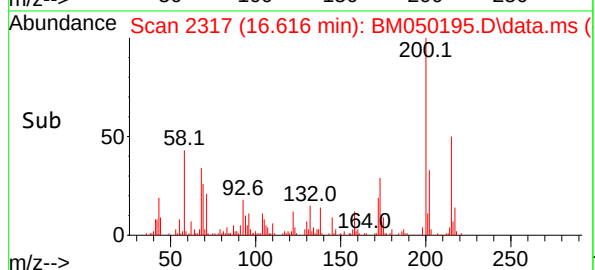
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

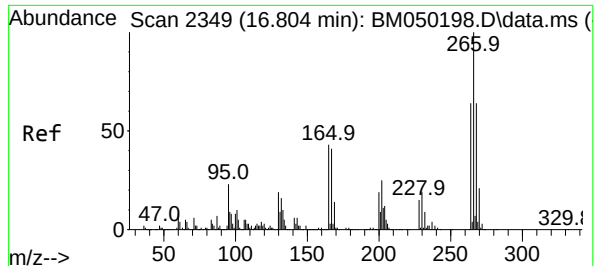


#69
Atrazine
Concen: 4.150 ng
RT: 16.616 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



Tgt Ion:200 Resp: 42483
Ion Ratio Lower Upper
200 100
173 29.5 6.0 46.0
215 50.0 28.1 68.1





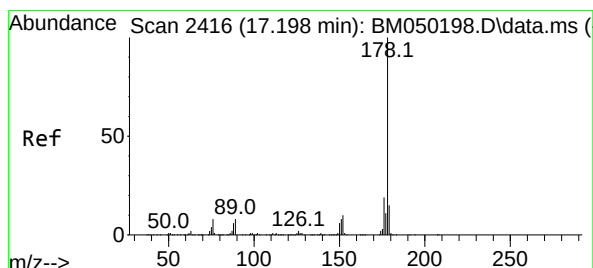
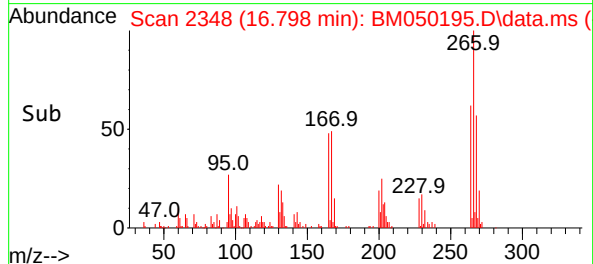
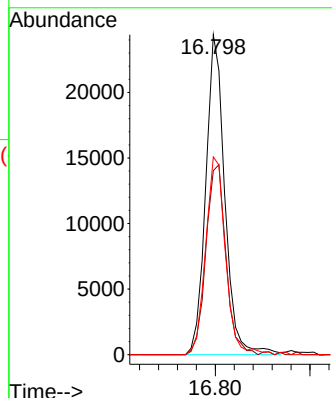
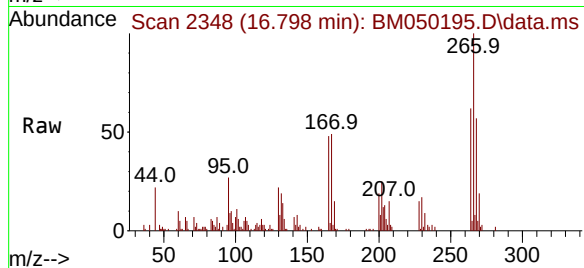
#70
Pentachlorophenol
Concen: 4.101 ng
RT: 16.798 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 3397
Ion Ratio Lower Upper
266 100
268 57.5 51.0 76.6
264 61.8 50.8 76.2

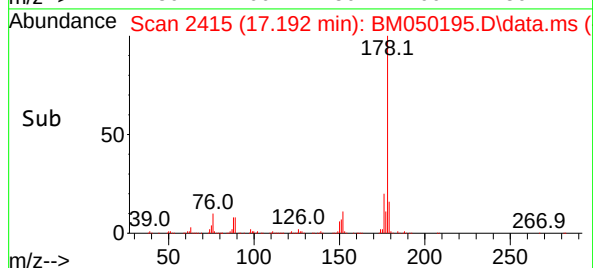
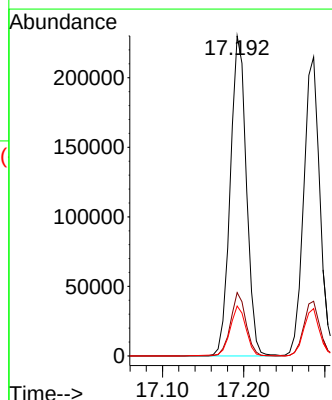
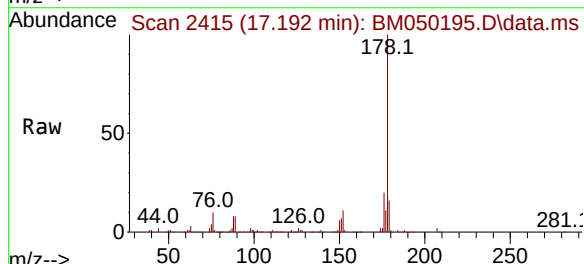
Manual Integrations
APPROVED

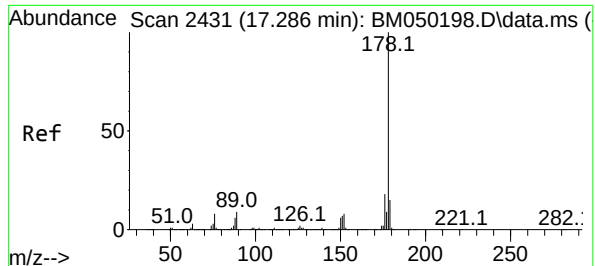
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#71
Phenanthrene
Concen: 5.421 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

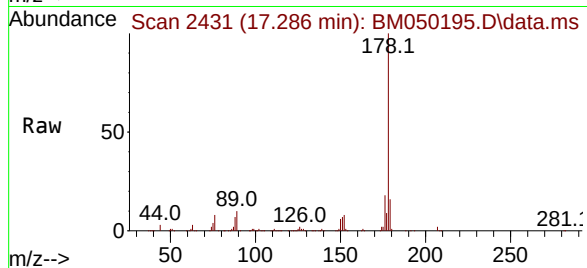
Tgt Ion:178 Resp: 316683
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.3 18.5





#72
Anthracene
Concen: 5.106 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

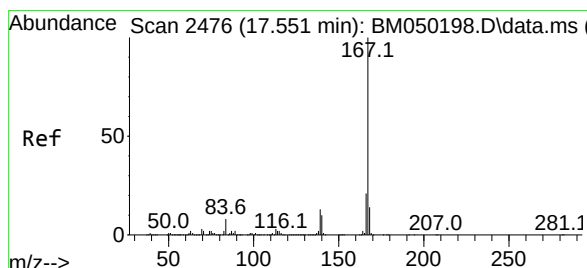
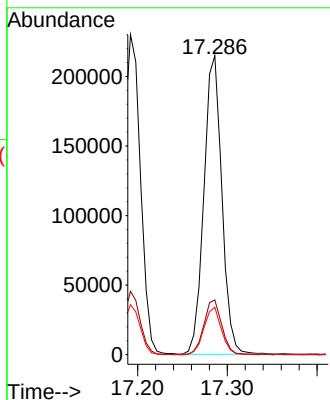
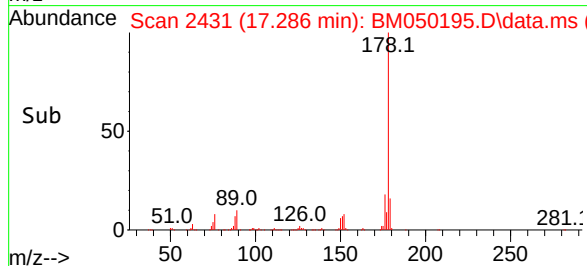
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



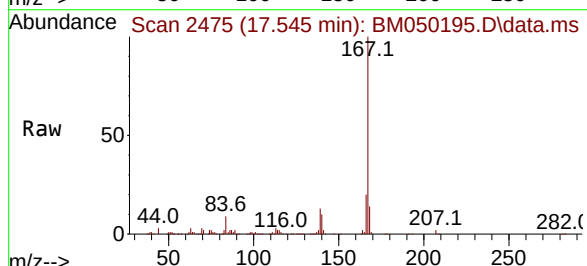
Tgt Ion:178 Resp: 298340
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.8 12.3 18.5

Manual Integrations
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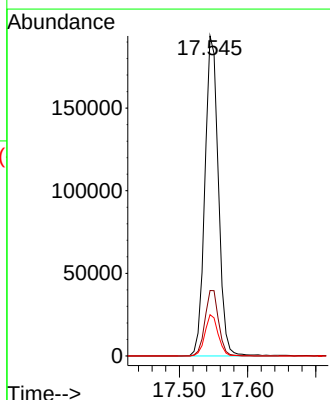
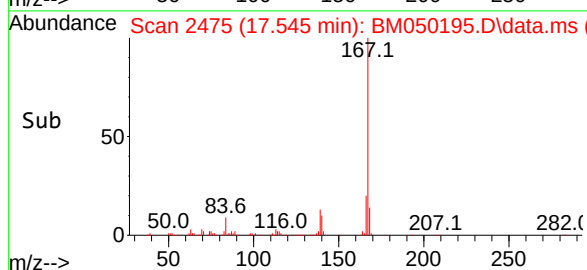
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

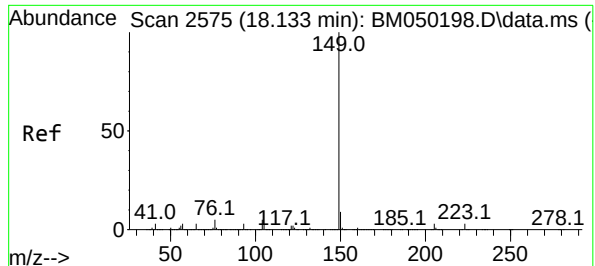


#73
Carbazole
Concen: 5.001 ng
RT: 17.545 min Scan# 2475
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



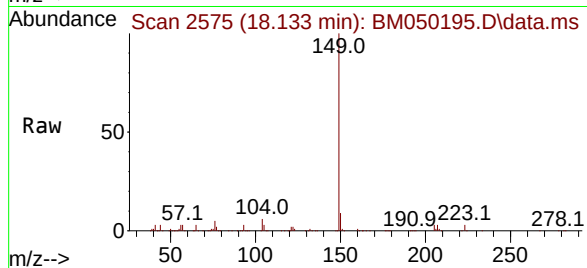
Tgt Ion:167 Resp: 266214
Ion Ratio Lower Upper
167 100
166 20.4 17.0 25.6
139 12.9 10.2 15.4





#74
Di-n-butylphthalate
Concen: 4.406 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

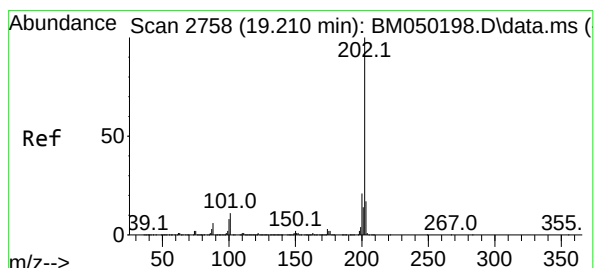
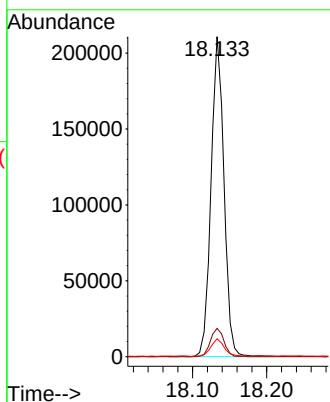
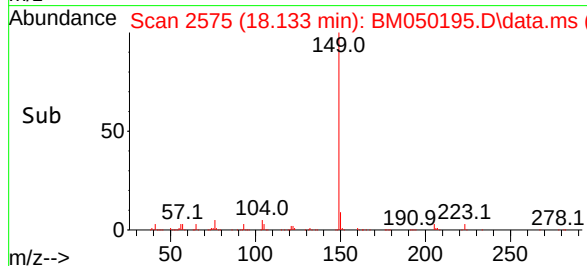
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 255200
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 5.6 4.0 6.0

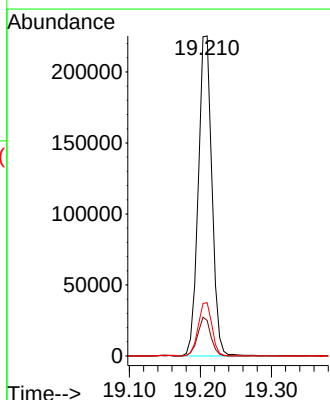
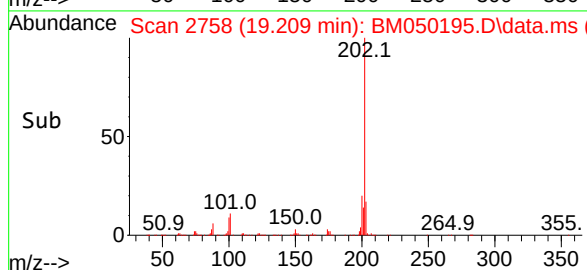
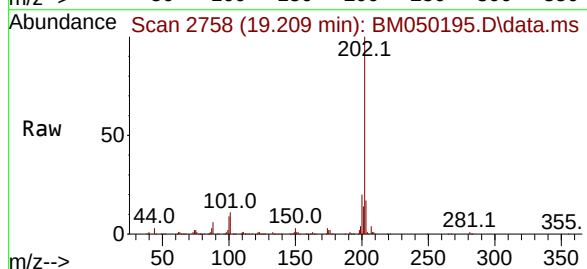
Manual Integrations
APPROVED

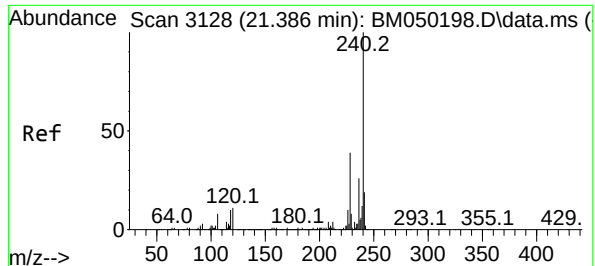
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#75
Fluoranthene
Concen: 4.896 ng
RT: 19.209 min Scan# 2758
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

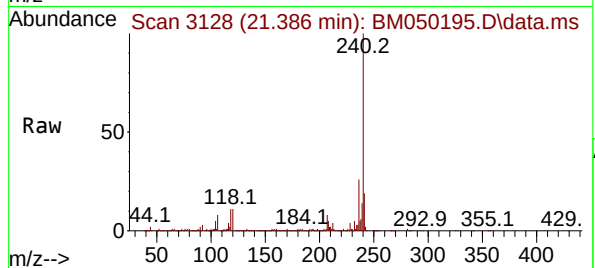
Tgt Ion:202 Resp: 301599
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 16.7 0.0 37.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

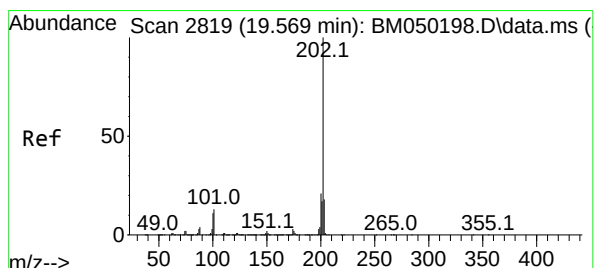
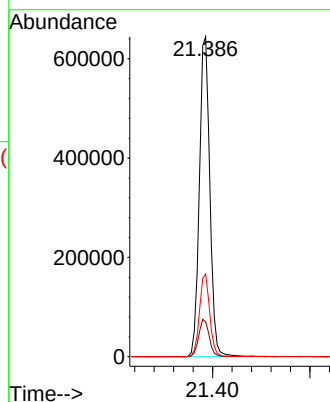
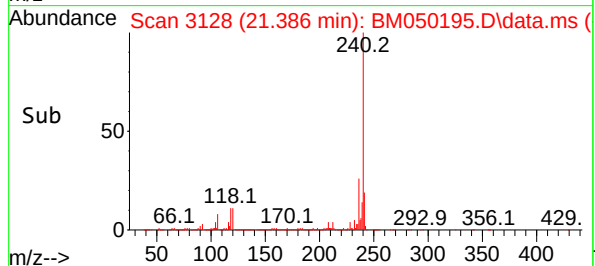
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 964608
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.8 20.7 31.1

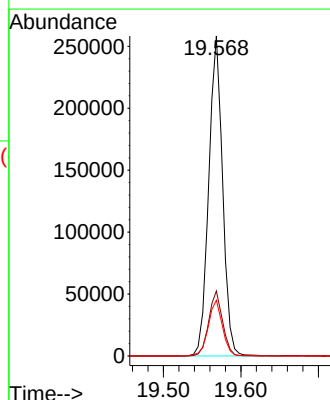
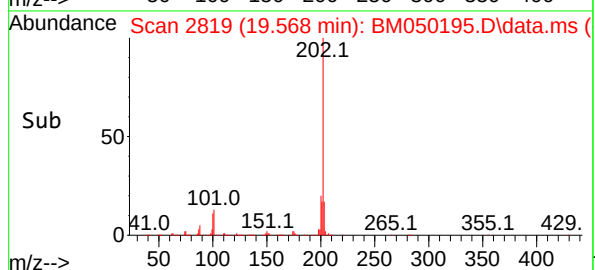
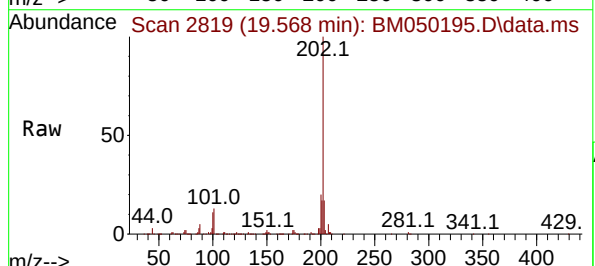
Manual Integrations
APPROVED

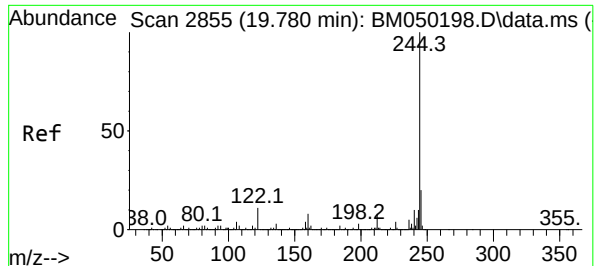
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#78
Pyrene
Concen: 4.936 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

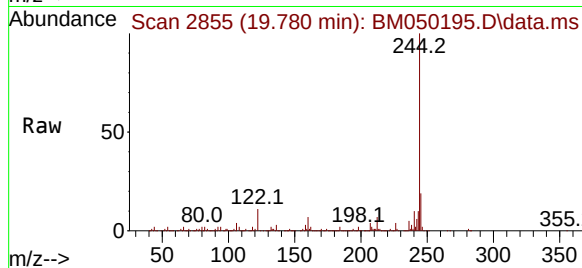
Tgt Ion:202 Resp: 320928
Ion Ratio Lower Upper
202 100
200 20.3 16.7 25.1
203 17.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 10.873 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. -0.000 min
 Lab File: BM050195.D
 Acq: 05 Jun 2025 09:59

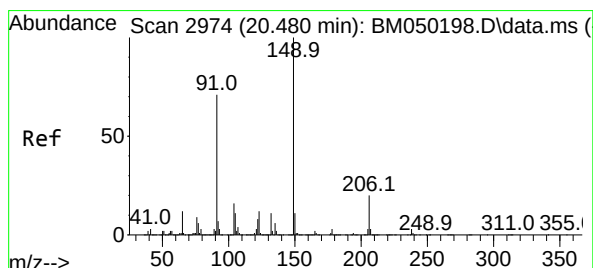
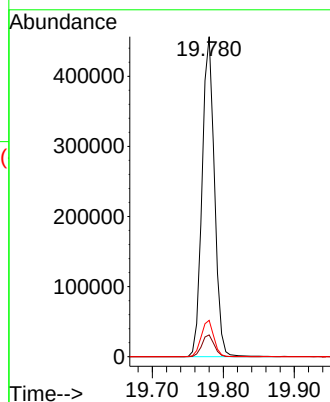
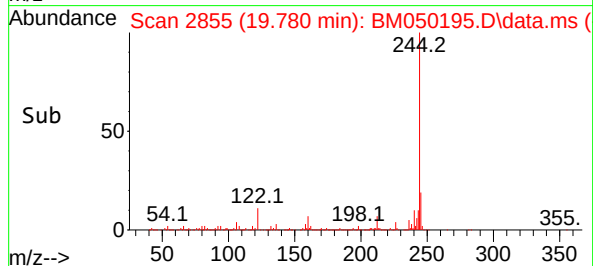
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005



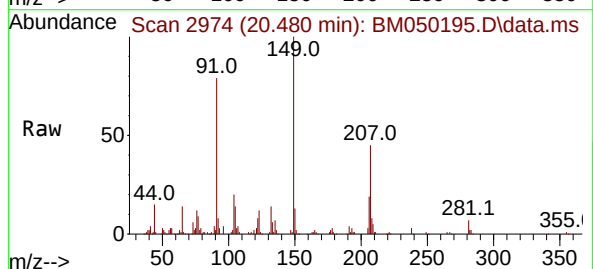
Tgt Ion:244 Resp: 55347
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 11.4 8.6 12.8

Manual Integrations
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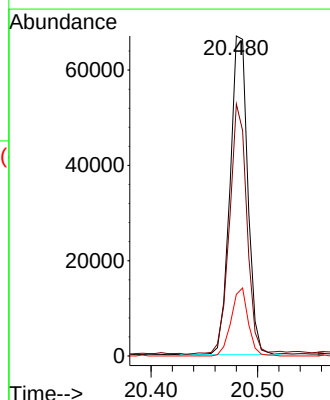
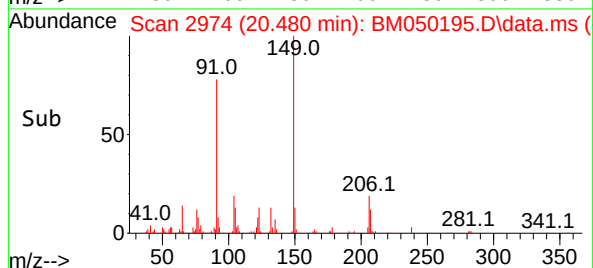
Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

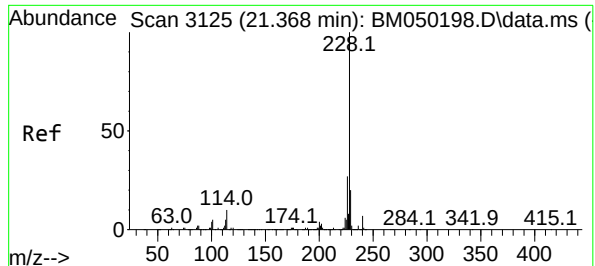


#80
 Butylbenzylphthalate
 Concen: 3.581 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.000 min
 Lab File: BM050195.D
 Acq: 05 Jun 2025 09:59



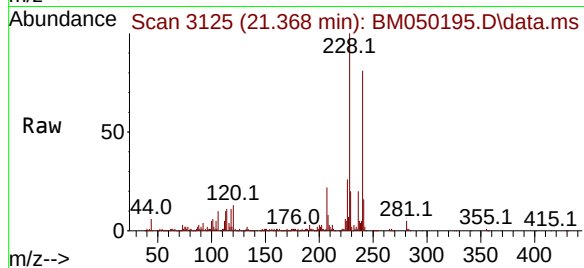
Tgt Ion:149 Resp: 77663
 Ion Ratio Lower Upper
 149 100
 91 78.8 56.9 85.3
 206 19.3 16.1 24.1





#81
Benzo(a)anthracene
Concen: 5.022 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

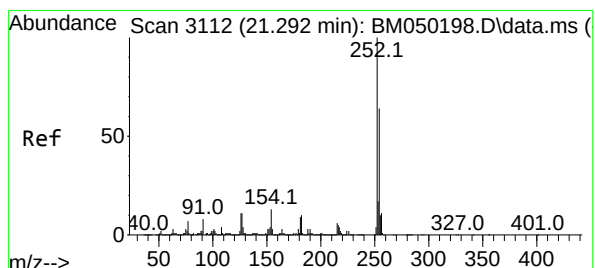
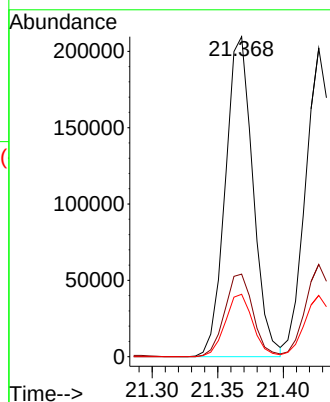
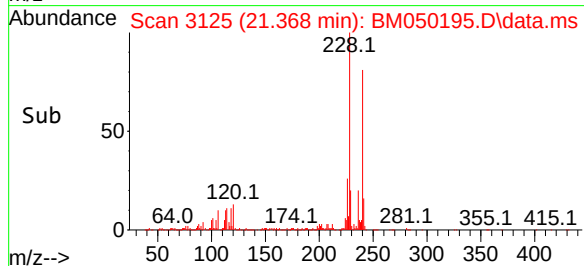
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 306611
Ion Ratio Lower Upper
228 100
226 25.8 21.7 32.5
229 19.5 15.7 23.5

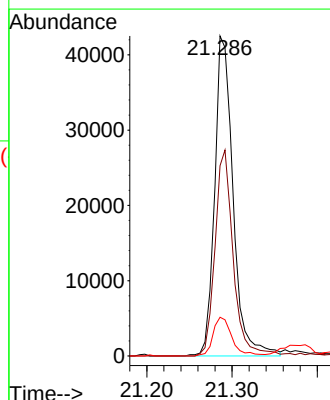
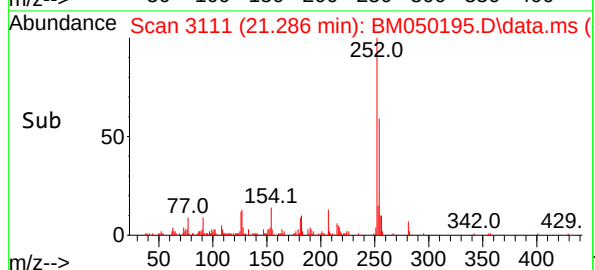
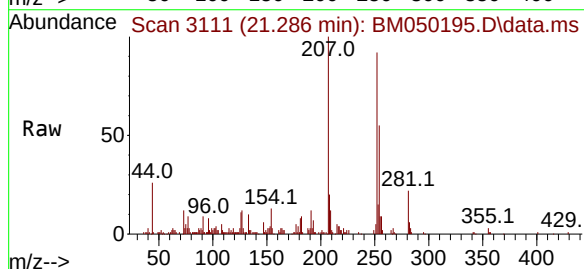
Manual Integrations
APPROVED

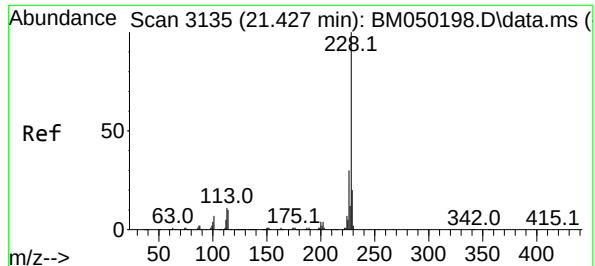
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 3.438 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

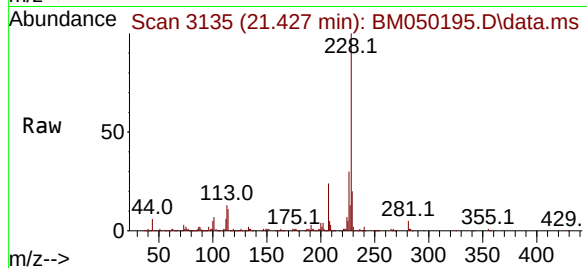
Tgt Ion:252 Resp: 64021
Ion Ratio Lower Upper
252 100
254 59.5 51.4 77.0
126 12.1 8.6 12.8





#83
Chrysene
Concen: 5.130 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

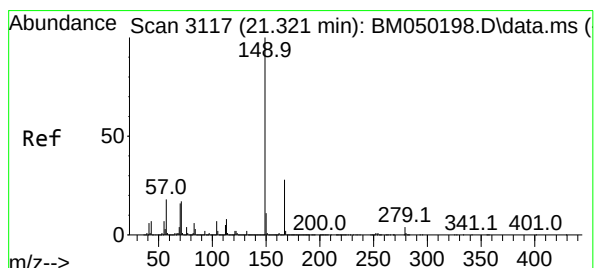
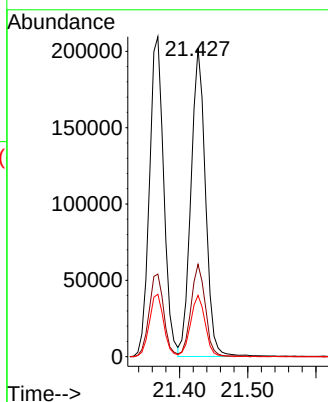
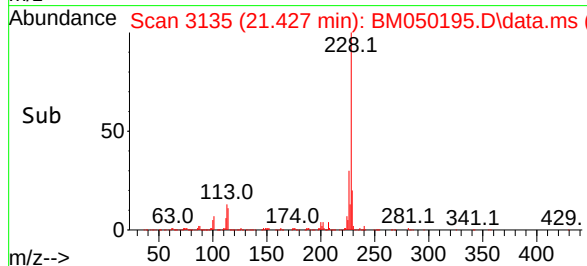
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 297925
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.9 15.8 23.8

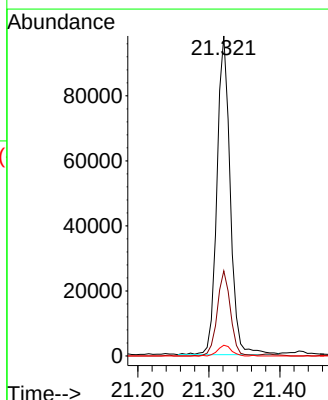
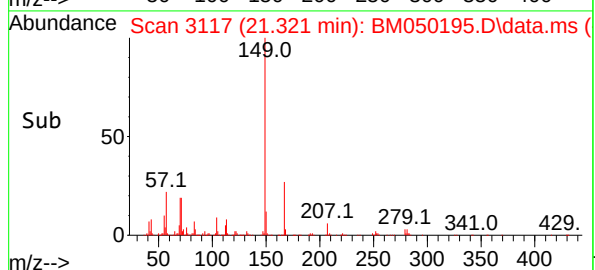
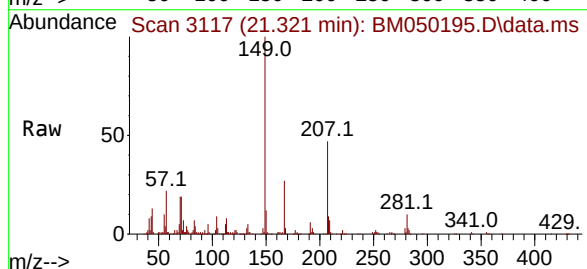
Manual Integrations
APPROVED

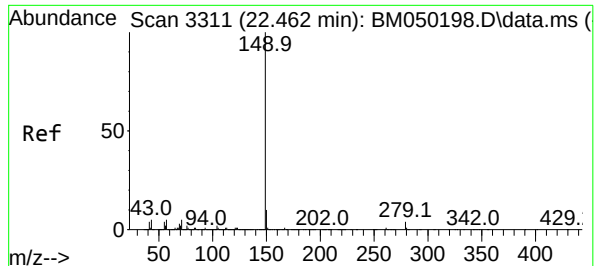
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.791 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

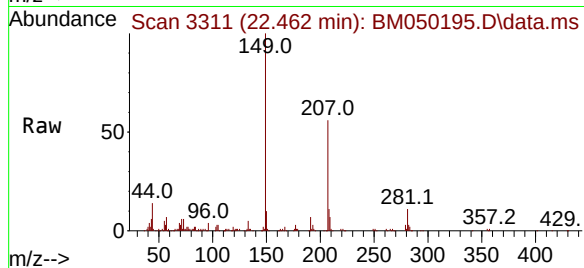
Tgt Ion:149 Resp: 126652
Ion Ratio Lower Upper
149 100
167 26.6 22.3 33.5
279 3.3 3.5 5.3#





#85
Di-n-octyl phthalate
Concen: 3.120 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

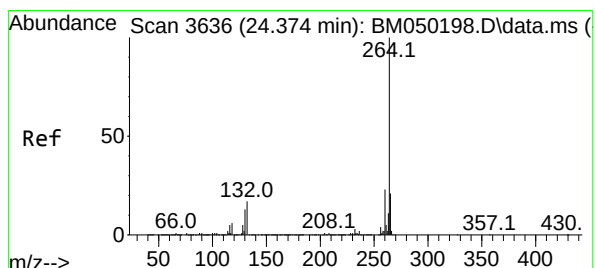
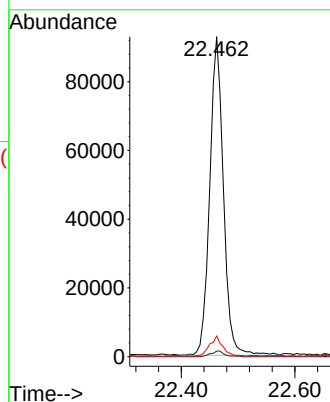
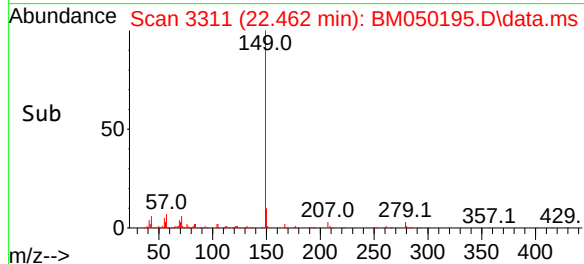
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 154664
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 5.9 3.8 5.8

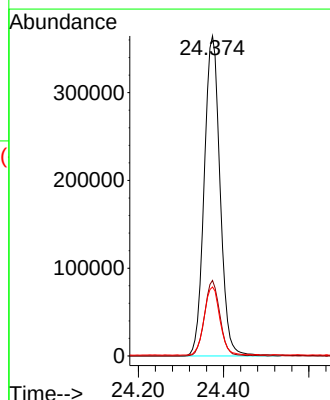
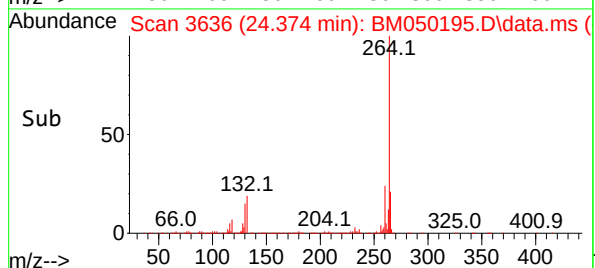
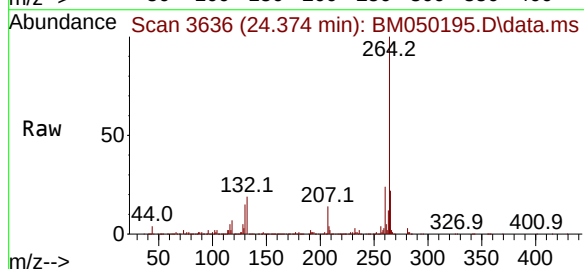
Manual Integrations
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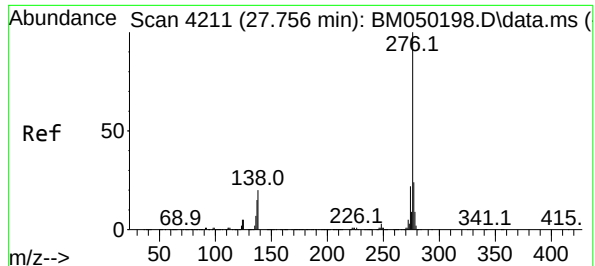
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:264 Resp: 941239
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.6 16.8 25.2





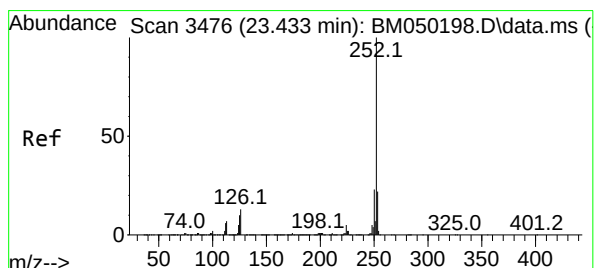
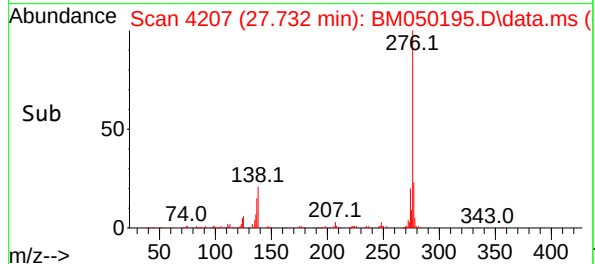
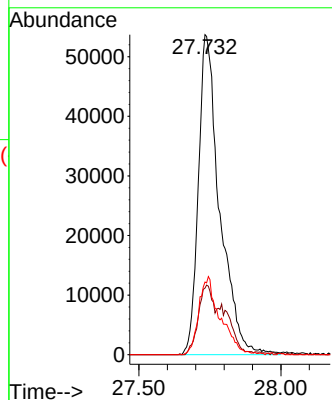
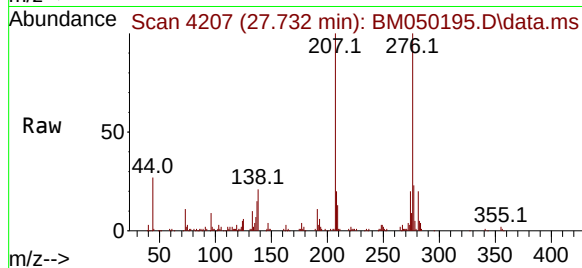
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.616 ng
RT: 27.732 min Scan# 4211
Delta R.T. -0.024 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 279730
Ion Ratio Lower Upper
276 100
138 16.0 20.6 30.8
277 24.6 19.8 29.6

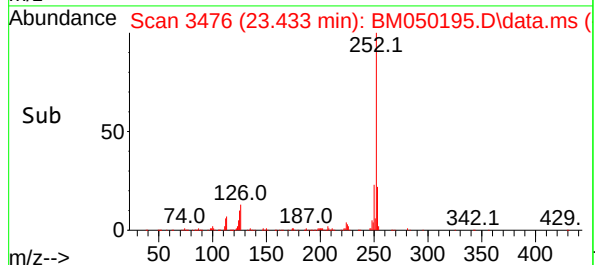
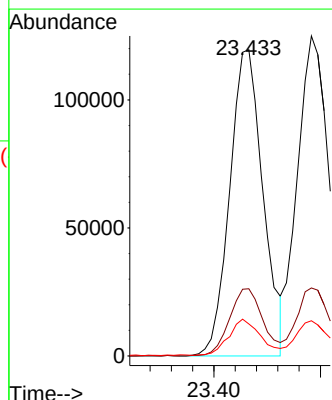
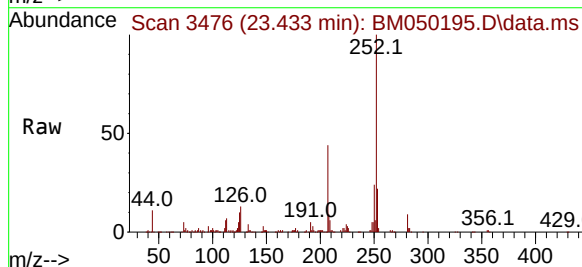
Manual Integrations
APPROVED

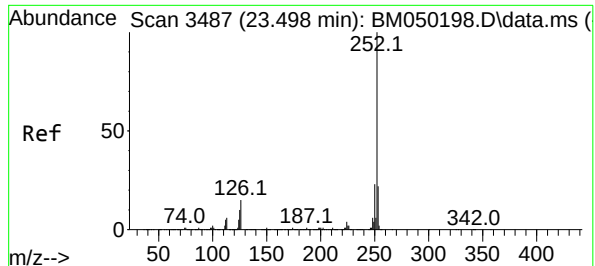
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#88
Benzo(b)fluoranthene
Concen: 4.748 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:252 Resp: 259803
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 4.808 ng

RT: 23.492 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

Instrument :

BNA_M

ClientSampleId :

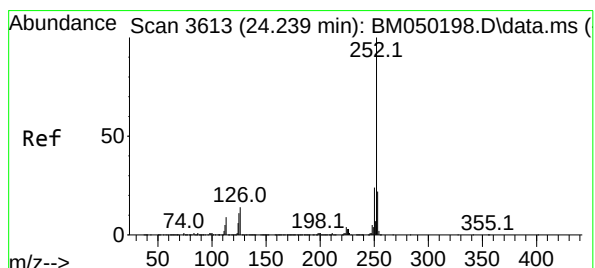
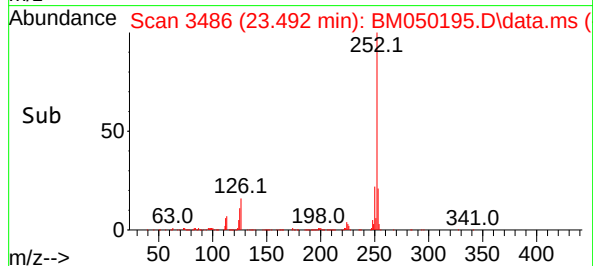
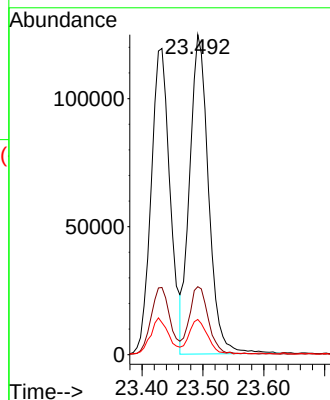
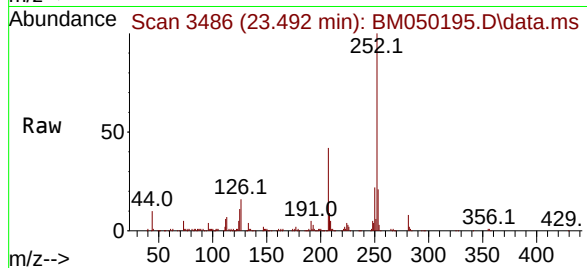
SSTDICC005

Tgt Ion:252 Resp: 26859
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 11.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#90

Benzo(a)pyrene

Concen: 4.545 ng

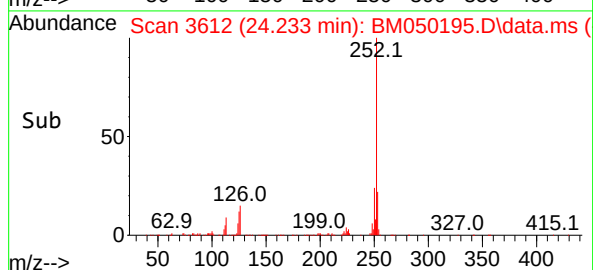
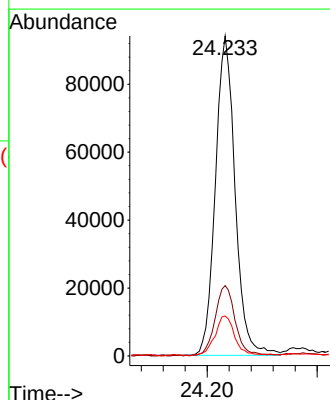
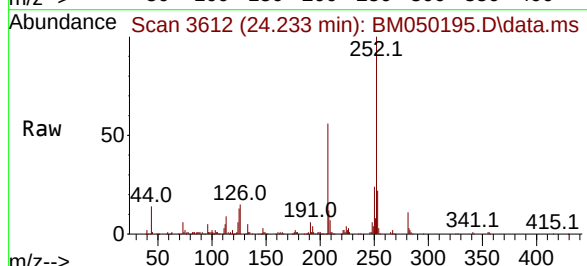
RT: 24.233 min Scan# 3612

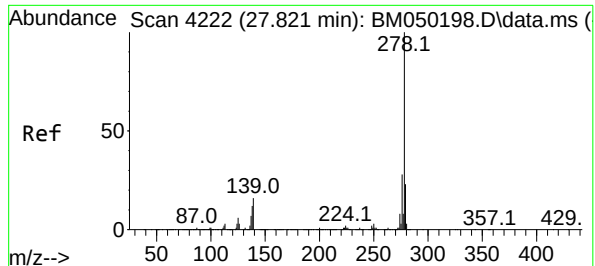
Delta R.T. -0.006 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

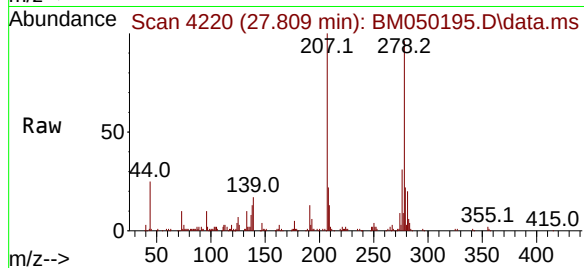
Tgt Ion:252 Resp: 233858
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.5 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 4.561 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

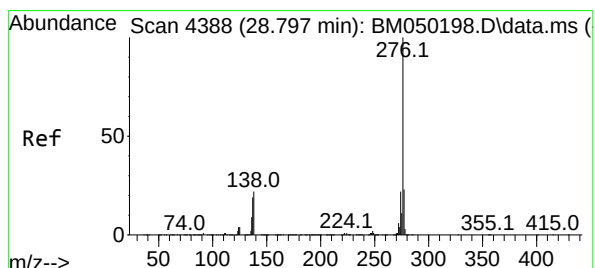
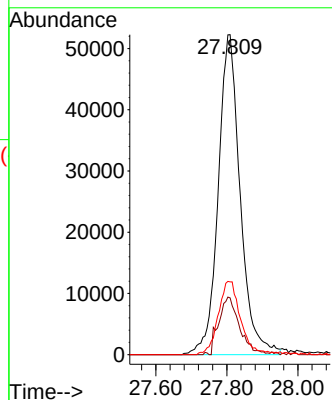
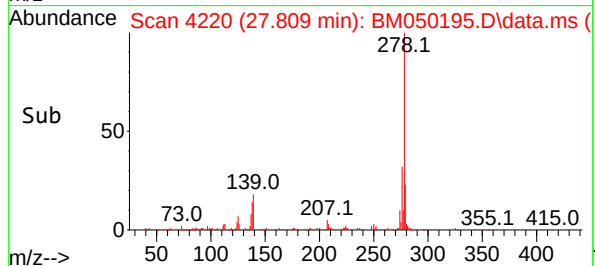
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:278 Resp: 224374
Ion Ratio Lower Upper
278 100
139 17.8 12.8 19.2
279 22.7 18.6 28.0

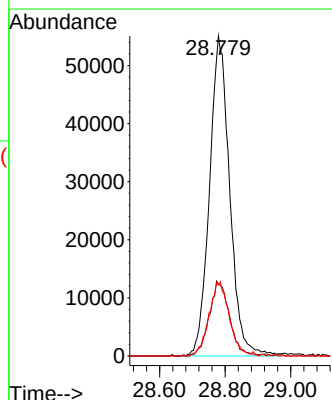
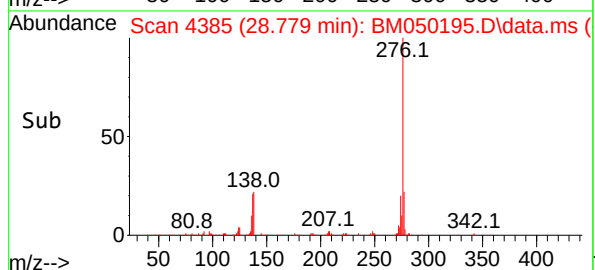
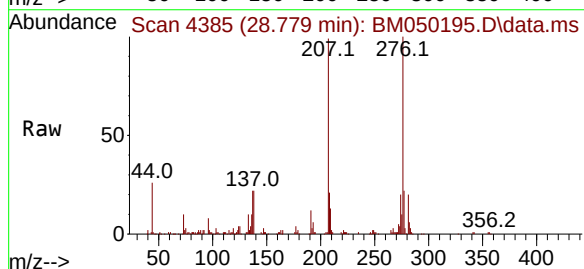
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#92
Benzo(g,h,i)perylene
Concen: 4.789 ng
RT: 28.779 min Scan# 4385
Delta R.T. -0.018 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

Tgt Ion:276 Resp: 235785
Ion Ratio Lower Upper
276 100
277 22.5 18.6 27.8
138 22.2 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050196.D
 Acq On : 05 Jun 2025 10:38
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 05 14:55:18 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	257321	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1031213	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	597701	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1092132	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1044209	20.000	ng	0.00
86) Perylene-d12	24.374	264	1027174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	306899	19.895	ng	0.00
7) Phenol-d6	6.946	99	391479	19.279	ng	0.00
23) Nitrobenzene-d5	8.934	82	373577	18.841	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	127081	18.693	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	918043	20.795	ng	0.00
79) Terphenyl-d14	19.780	244	1136477	20.625	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	71029	10.505	ng	97
3) Pyridine	3.687	79	173970	9.935	ng	98
4) n-Nitrosodimethylamine	3.599	42	34098	9.417	ng	# 99
6) Aniline	7.110	93	259330	9.660	ng	99
8) 2-Chlorophenol	7.351	128	161982	9.547	ng	99
9) Benzaldehyde	6.928	77	139011	10.767	ng	99
10) Phenol	6.969	94	211509	9.844	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	169669	9.818	ng	99
12) 1,3-Dichlorobenzene	7.681	146	188081	9.915	ng	98
13) 1,4-Dichlorobenzene	7.822	146	198637	10.065	ng	99
14) 1,2-Dichlorobenzene	8.140	146	187370	9.959	ng	99
15) Benzyl Alcohol	8.022	79	134400	9.280	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	122149	10.175	ng	97
17) 2-Methylphenol	8.222	107	134124	9.461	ng	100
18) Hexachloroethane	8.869	117	70045	9.800	ng	98
19) n-Nitroso-di-n-propyla...	8.592	70	121867	9.807	ng	97
20) 3+4-Methylphenols	8.545	107	176847	9.324	ng	99
22) Acetophenone	8.604	105	260808	10.123	ng	# 98
24) Nitrobenzene	8.975	77	173945	9.646	ng	99
25) Isophorone	9.504	82	321944	9.407	ng	99
26) 2-Nitrophenol	9.687	139	64131	8.239	ng	96
27) 2,4-Dimethylphenol	9.751	122	153659	9.598	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	213076	9.531	ng	99
29) 2,4-Dichlorophenol	10.216	162	135013	9.122	ng	95
30) 1,2,4-Trichlorobenzene	10.439	180	158337	9.614	ng	99
31) Naphthalene	10.628	128	536516	10.063	ng	99
32) Benzoic acid	9.810	122	65412	6.508	ng	99
33) 4-Chloroaniline	10.728	127	218016	9.591	ng	99
34) Hexachlorobutadiene	10.922	225	94772	9.674	ng	98
35) Caprolactam	11.469	113	39590	8.437	ng	95
36) 4-Chloro-3-methylphenol	11.845	107	142482	9.022	ng	98
37) 2-Methylnaphthalene	12.239	142	305385	9.495	ng	97
38) 1-Methylnaphthalene	12.457	142	328309	9.617	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	167598	9.711	ng	98
41) Hexachlorocyclopentadiene	12.598	237	91203	8.701	ng	95
43) 2,4,6-Trichlorophenol	12.845	196	103556	9.124	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050196.D
 Acq On : 05 Jun 2025 10:38
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/05/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	114017	9.149	ng	98
46) 1,1'-Biphenyl	13.251	154	452133	10.102	ng	100
47) 2-Chloronaphthalene	13.286	162	356687	10.251	ng	99
48) 2-Nitroaniline	13.480	65	61491	8.031	ng	89
49) Acenaphthylene	14.133	152	548052	9.738	ng	99
50) Dimethylphthalate	13.874	163	384143	9.503	ng	99
51) 2,6-Dinitrotoluene	13.980	165	69112	8.478	ng	95
52) Acenaphthene	14.480	154	351485	9.985	ng	99
53) 3-Nitroaniline	14.304	138	75418	8.301	ng	97
54) 2,4-Dinitrophenol	14.510	184	27888	10.741	ng	98
55) Dibenzofuran	14.816	168	511101	9.925	ng	98
56) 4-Nitrophenol	14.604	139	64450	8.335	ng	99
57) 2,4-Dinitrotoluene	14.763	165	84481	7.856	ng	91
58) Fluorene	15.463	166	405716	10.286	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	98715m	9.156	ng	
60) Diethylphthalate	15.239	149	380099	9.477	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	196034	10.283	ng	100
62) 4-Nitroaniline	15.463	138	70517	8.281	ng	97
63) Azobenzene	15.751	77	397398	9.913	ng	97
65) 4,6-Dinitro-2-methylph...	15.527	198	40699	6.823	ng	94
66) n-Nitrosodiphenylamine	15.668	169	341695	9.957	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	111429	9.568	ng	96
68) Hexachlorobenzene	16.463	284	130925	9.622	ng	99
69) Atrazine	16.621	200	96720	8.846	ng	98
70) Pentachlorophenol	16.798	266	75315	8.513	ng	100
71) Phenanthrene	17.192	178	630983	10.114	ng	99
72) Anthracene	17.286	178	619530	9.926	ng	99
73) Carbazole	17.551	167	547511	9.629	ng	100
74) Di-n-butylphthalate	18.133	149	549702	8.885	ng	99
75) Fluoranthene	19.204	202	622189	9.457	ng	98
77) Benzidine	19.392	184	199082	6.780	ng	99
78) Pyrene	19.568	202	682132	9.692	ng	99
80) Butylbenzylphthalate	20.480	149	181298	7.723	ng	96
81) Benzo(a)anthracene	21.368	228	642785	9.725	ng	98
82) 3,3'-Dichlorobenzidine	21.292	252	157266	7.803	ng	99
83) Chrysene	21.427	228	618398	9.836	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	299821	8.291	ng	96
85) Di-n-octyl phthalate	22.462	149	380681	7.094	ng	99
87) Indeno(1,2,3-cd)pyrene	27.738	276	607722	9.189	ng	# 92
88) Benzo(b)fluoranthene	23.433	252	555747	9.306	ng	98
89) Benzo(k)fluoranthene	23.497	252	589937	9.677	ng	99
90) Benzo(a)pyrene	24.233	252	517175	9.211	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	496324	9.245	ng	98
92) Benzo(g,h,i)perylene	28.785	276	502232	9.347	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050196.D
 Acq On : 05 Jun 2025 10:38
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025

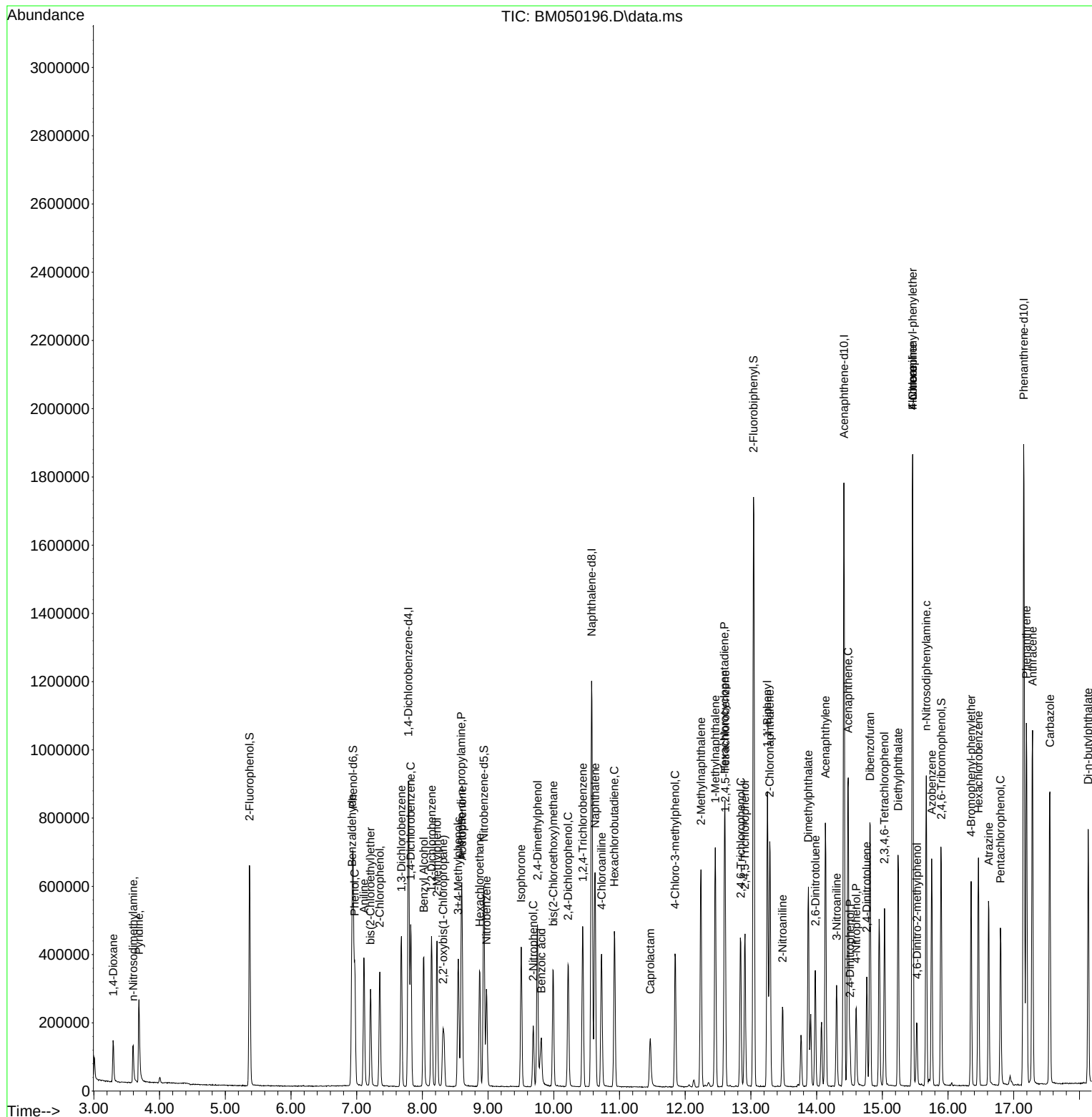
Quant Time: Jun 05 14:58:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 05 14:55:18 2025

Response via : Initial Calibration



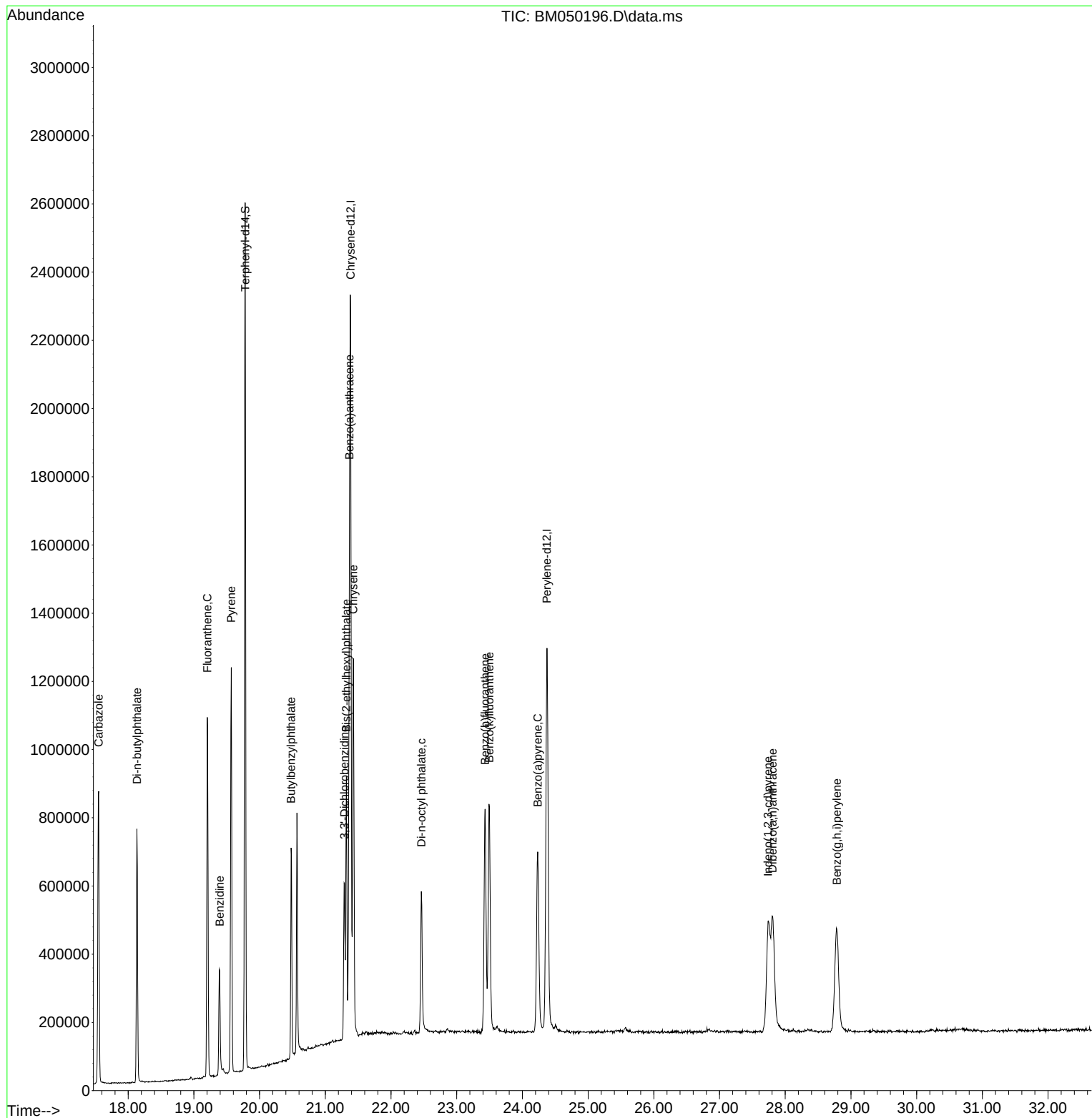
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Data File : BM050196.D
Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

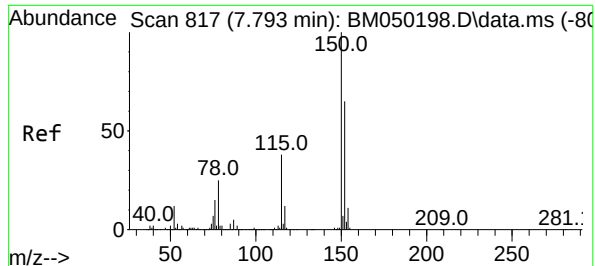
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

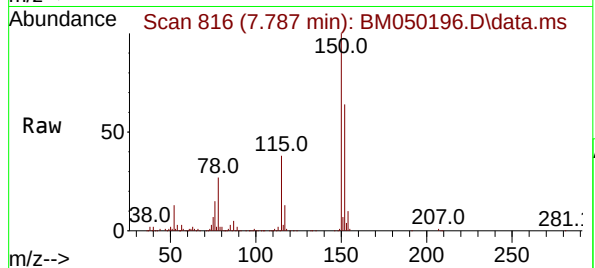
Quant Time: Jun 05 14:58:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

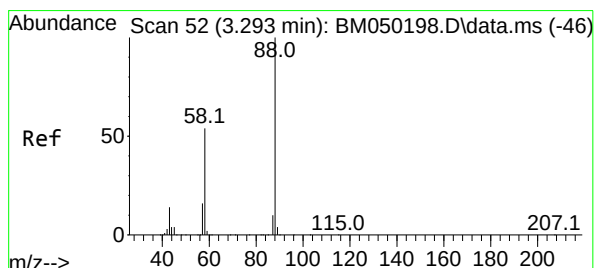
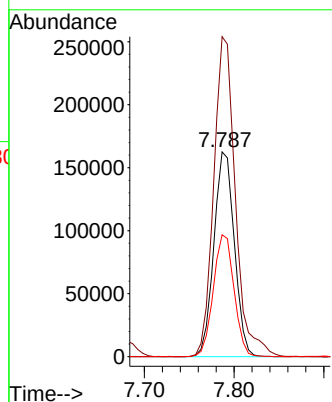
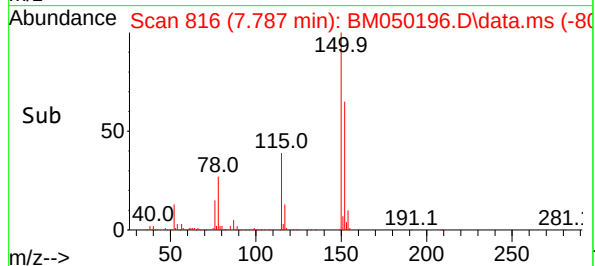
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 152 Resp: 25732
Ion Ratio Lower Upper
152 100
150 156.3 122.2 183.4
115 59.6 46.3 69.5

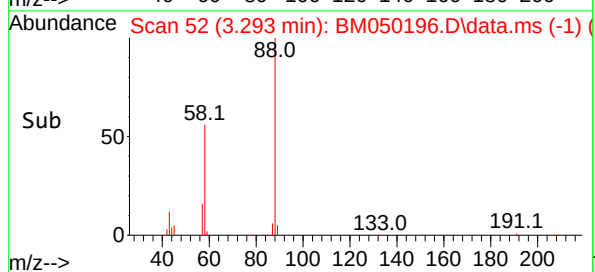
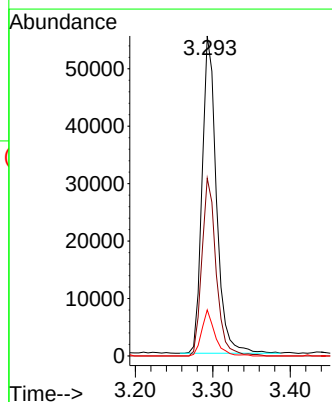
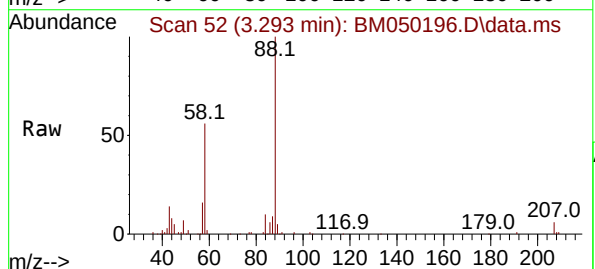
Manual Integrations
APPROVED

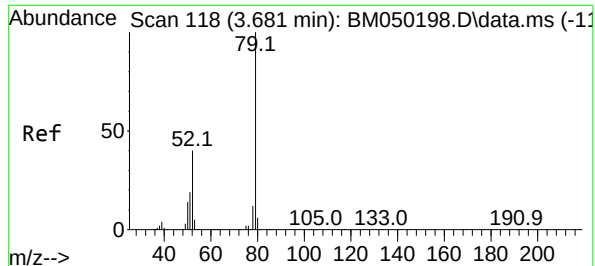
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#2
1,4-Dioxane
Concen: 10.505 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

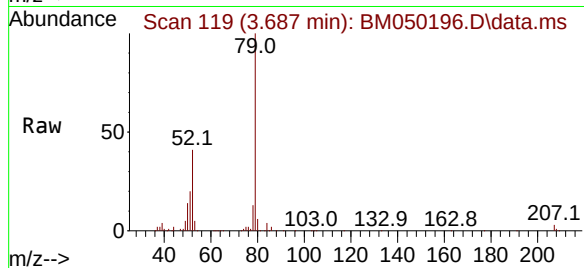
Tgt Ion: 88 Resp: 71029
Ion Ratio Lower Upper
88 100
58 55.7 42.9 64.3
43 13.5 11.0 16.6





#3
Pyridine
Concen: 9.935 ng
RT: 3.687 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

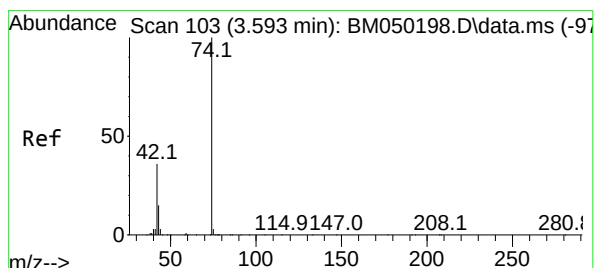
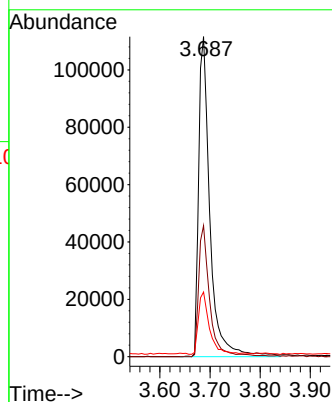
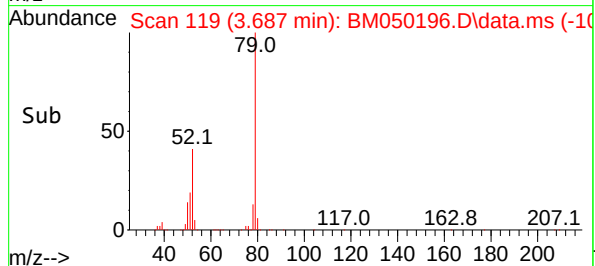
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 173970
Ion Ratio Lower Upper
79 100
52 41.0 32.1 48.1
51 20.2 15.4 23.0

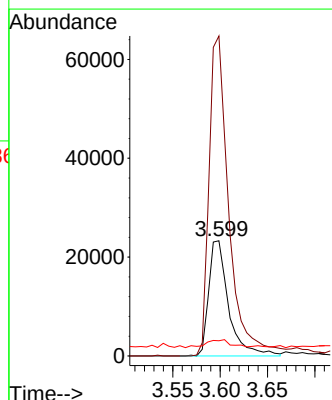
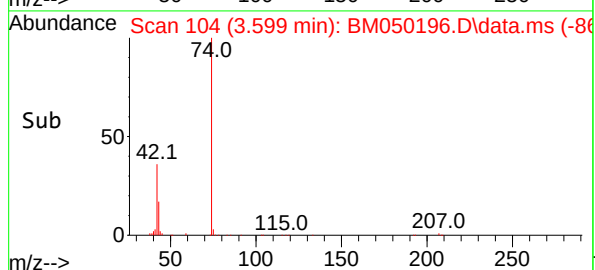
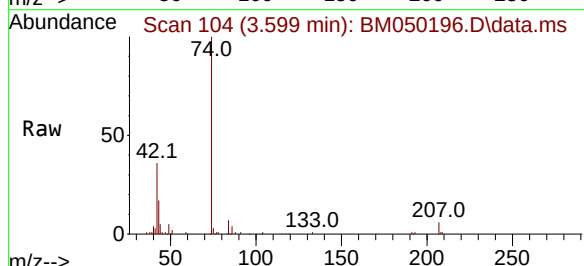
Manual Integrations
APPROVED

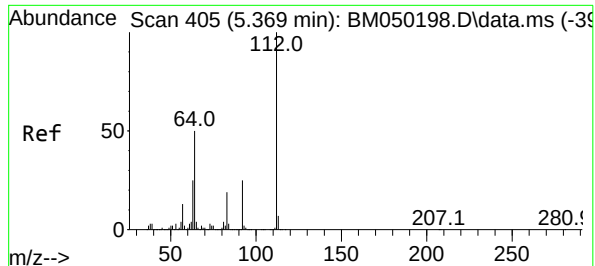
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#4
n-Nitrosodimethylamine
Concen: 9.417 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

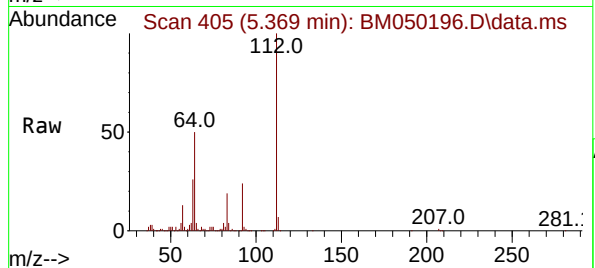
Tgt Ion: 42 Resp: 34098
Ion Ratio Lower Upper
42 100
74 277.9 222.0 333.0
44 13.2 7.0 10.6





#5
2-Fluorophenol
Concen: 19.895 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

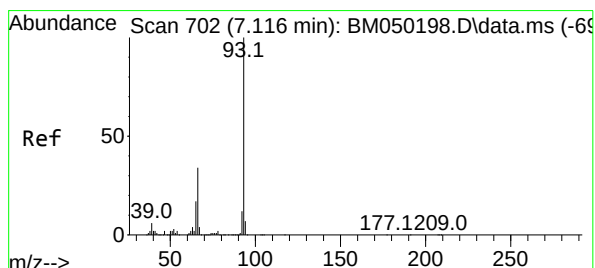
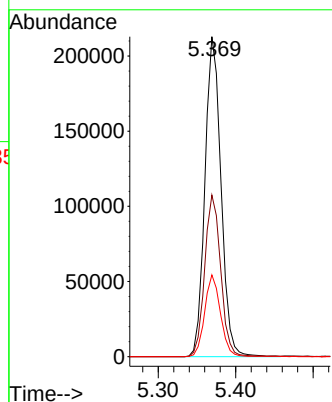
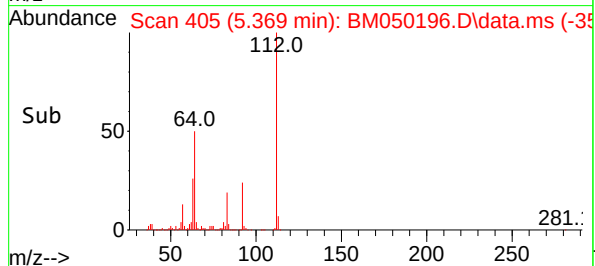
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 306899
Ion Ratio Lower Upper
112 100
64 50.5 39.8 59.6
63 25.5 19.8 29.8

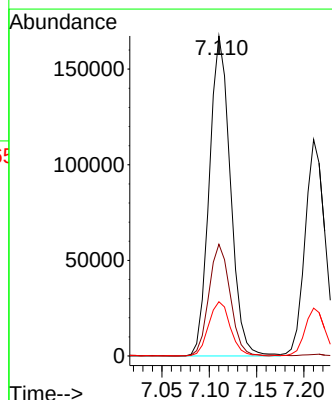
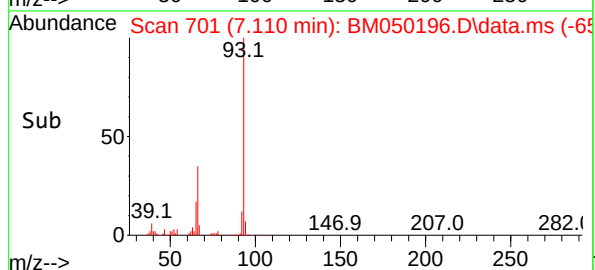
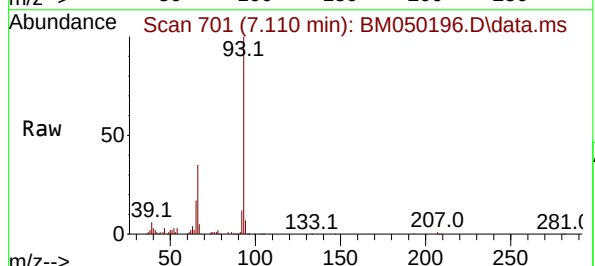
Manual Integrations
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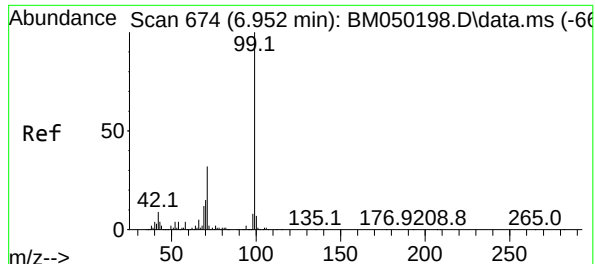
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#6
Aniline
Concen: 9.660 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

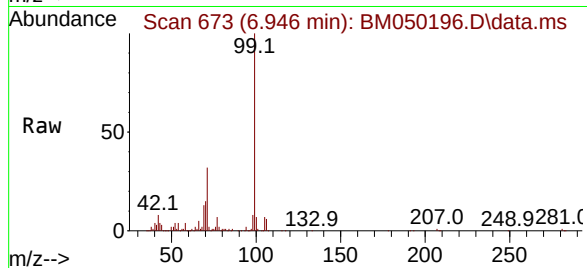
Tgt Ion: 93 Resp: 259330
Ion Ratio Lower Upper
93 100
66 34.9 27.4 41.2
65 17.0 13.6 20.4





#7
Phenol-d6
Concen: 19.279 ng
RT: 6.946 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

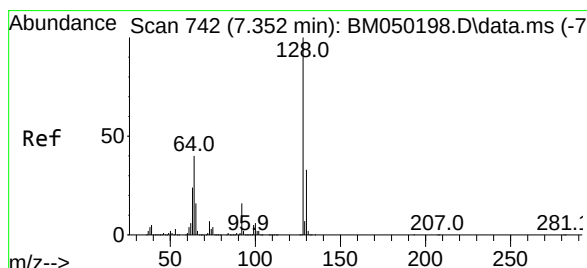
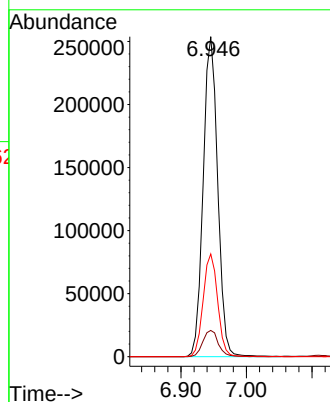
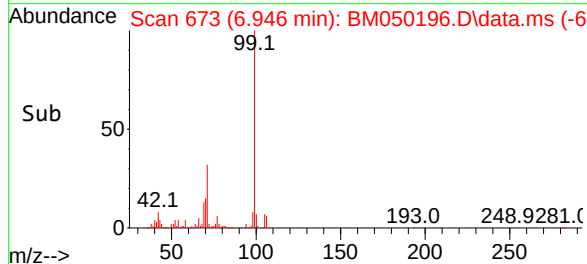
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 391479
Ion Ratio Lower Upper
99 100
42 8.2 6.9 10.3
71 32.1 25.3 37.9

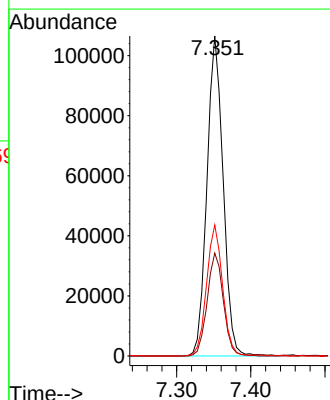
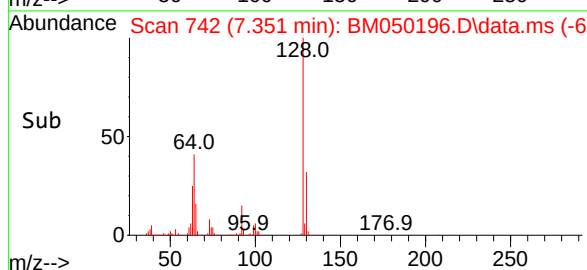
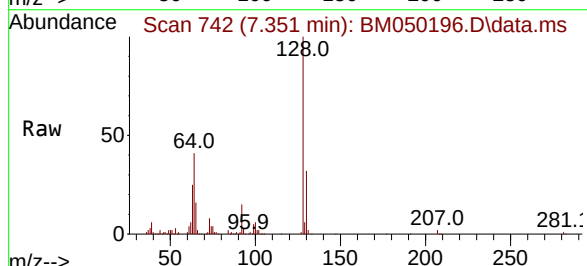
Manual Integrations
APPROVED

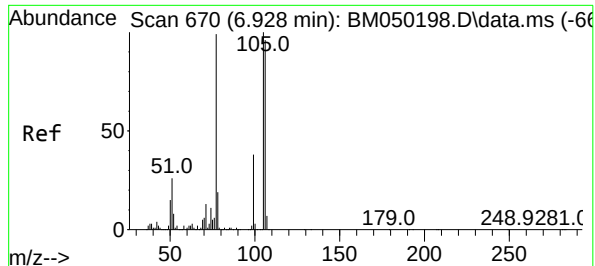
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#8
2-Chlorophenol
Concen: 9.547 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:128 Resp: 161982
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 40.9 19.8 59.8





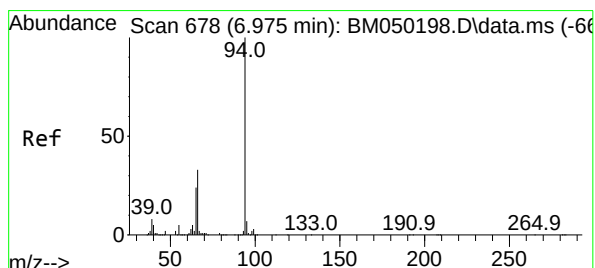
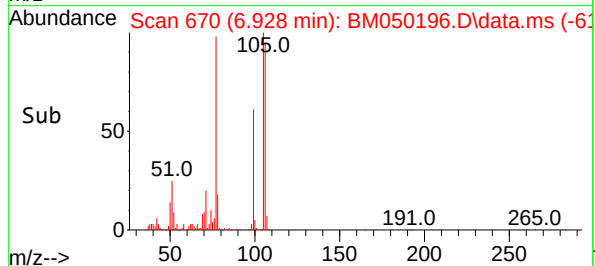
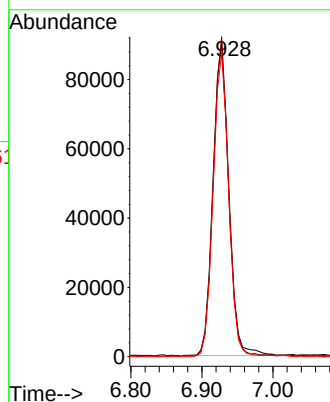
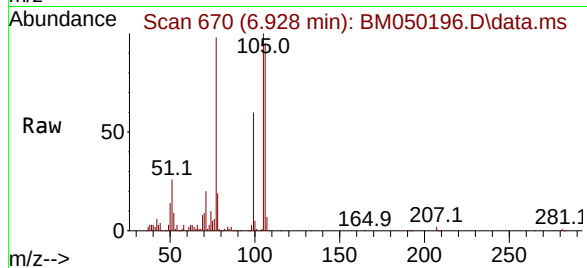
#9
Benzaldehyde
Concen: 10.767 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 13901
Ion Ratio Lower Upper
77 100
105 102.1 80.9 120.9
106 97.0 77.1 117.1

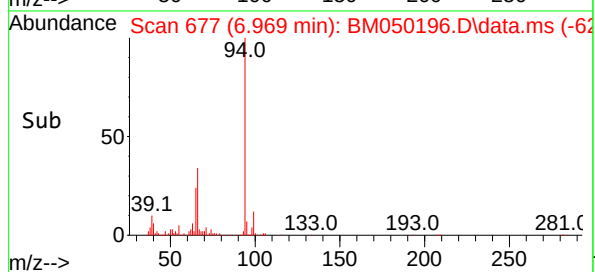
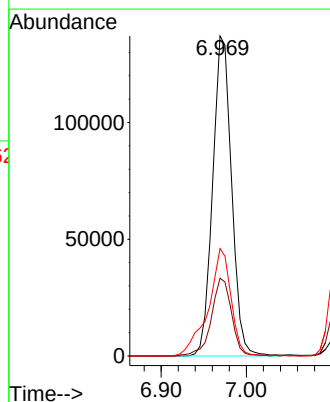
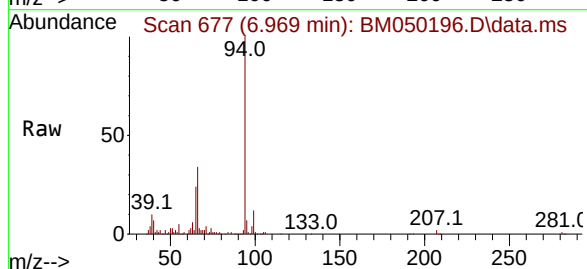
Manual Integrations
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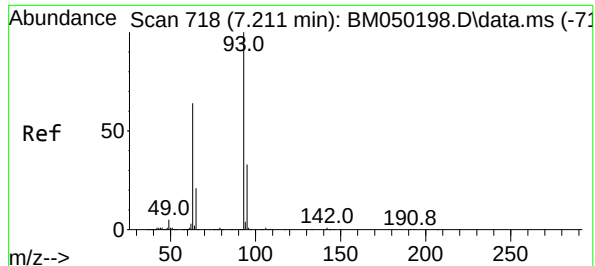
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#10
Phenol
Concen: 9.844 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion: 94 Resp: 211509
Ion Ratio Lower Upper
94 100
65 24.3 4.3 44.3
66 33.5 12.9 52.9





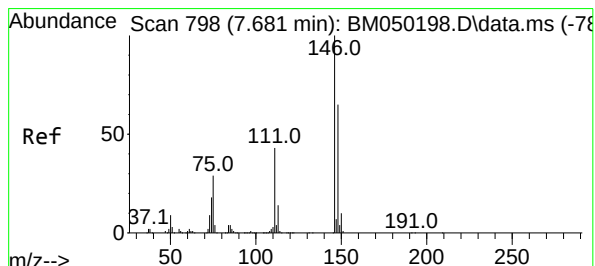
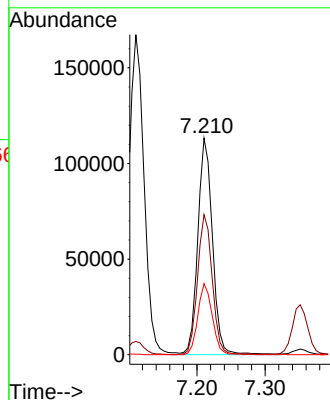
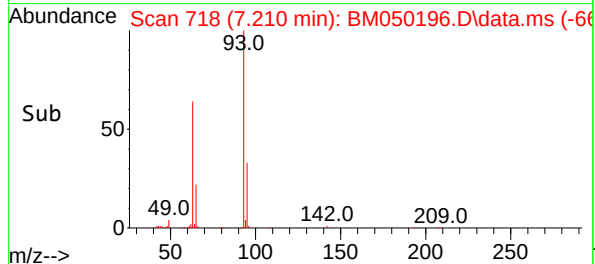
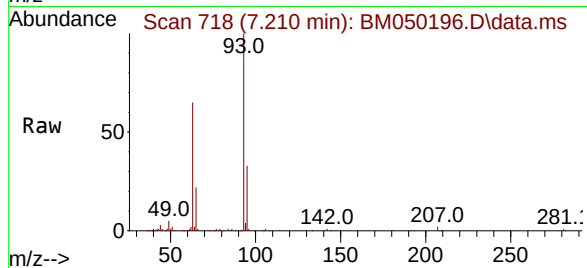
#11
bis(2-Chloroethyl)ether
Concen: 9.818 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 169669
Ion Ratio Lower Upper
93 100
63 64.7 43.9 83.9
95 32.8 12.7 52.7

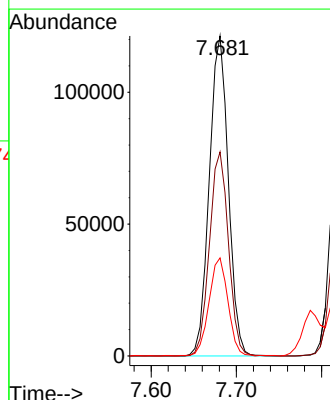
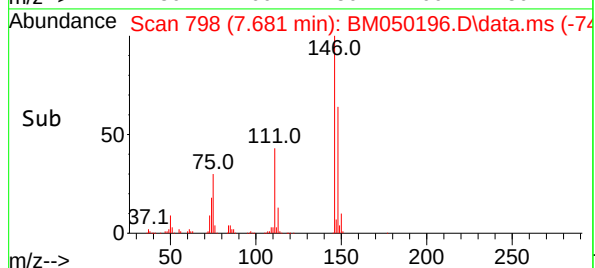
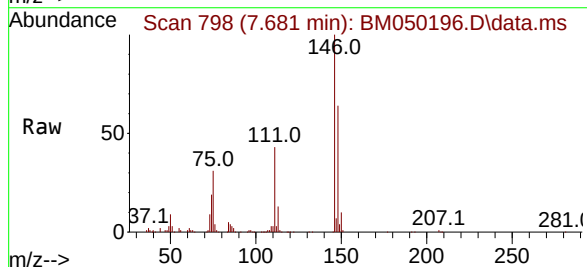
Manual Integrations
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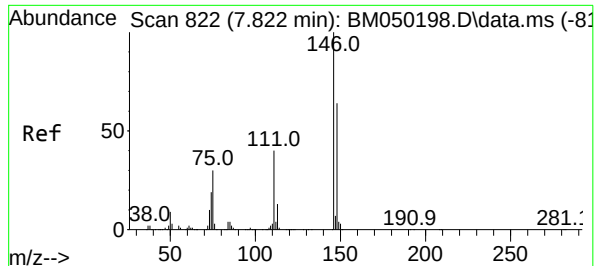
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#12
1,3-Dichlorobenzene
Concen: 9.915 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:146 Resp: 188081
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 30.6 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 10.065 ng

RT: 7.822 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 19863

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.0

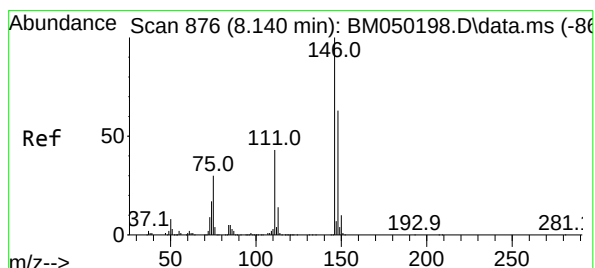
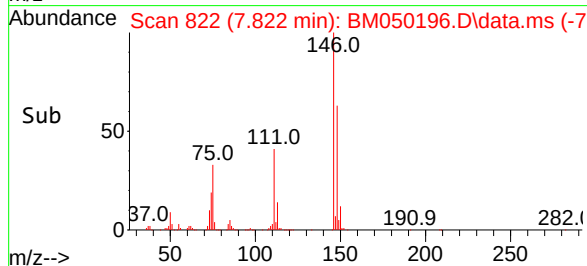
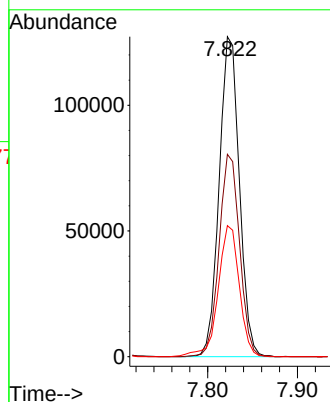
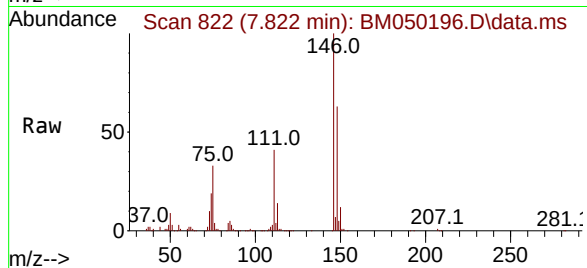
111 41.0 32.3 48.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#14

1,2-Dichlorobenzene

Concen: 9.959 ng

RT: 8.140 min Scan# 876

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

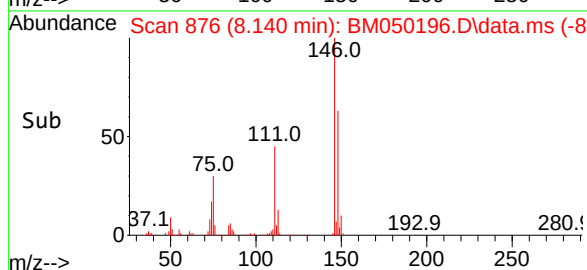
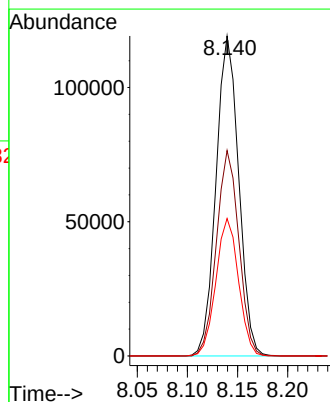
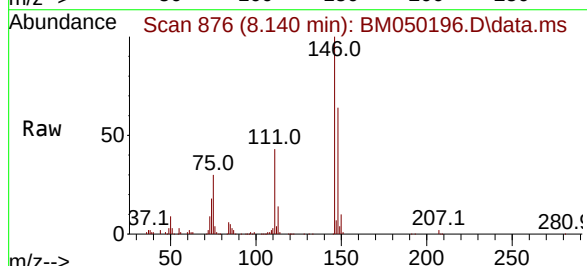
Tgt Ion:146 Resp: 187370

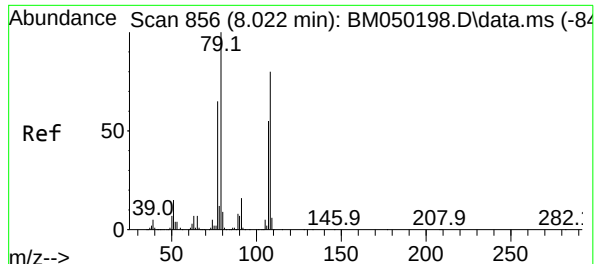
Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

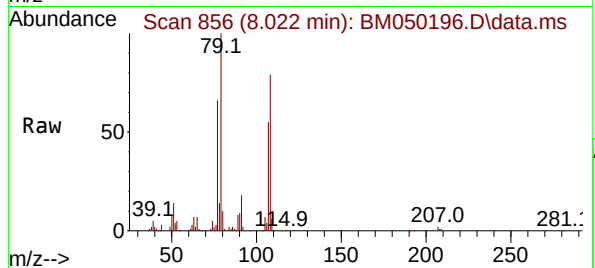
111 43.0 34.3 51.5





#15
Benzyl Alcohol
Concen: 9.280 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

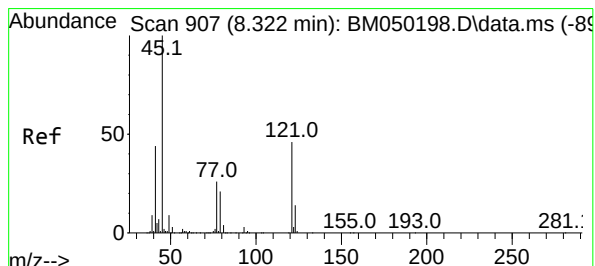
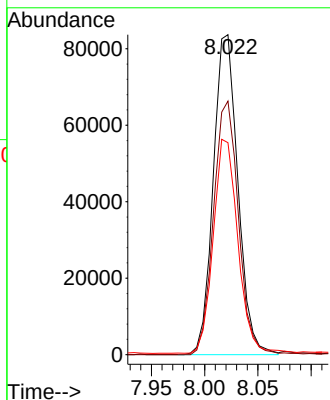
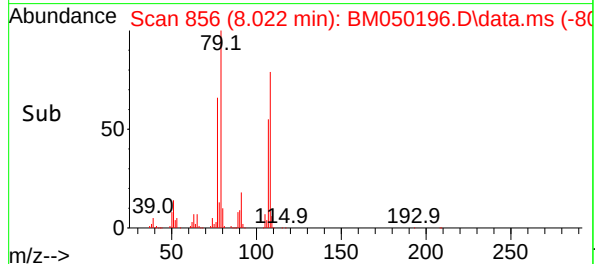
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



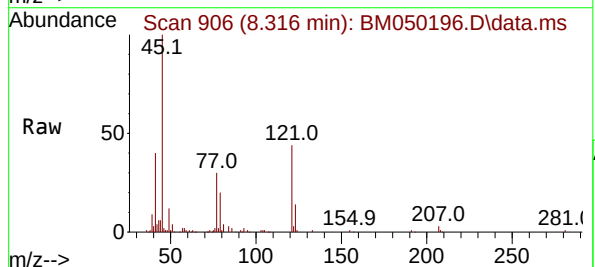
Tgt Ion: 79 Resp: 134400
Ion Ratio Lower Upper
79 100
108 79.3 64.0 96.0
77 66.3 52.2 78.2

Manual Integrations
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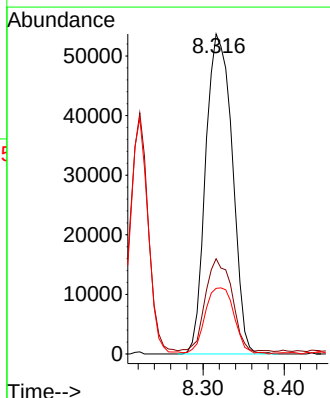
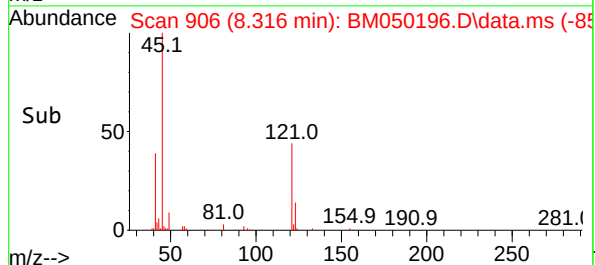
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

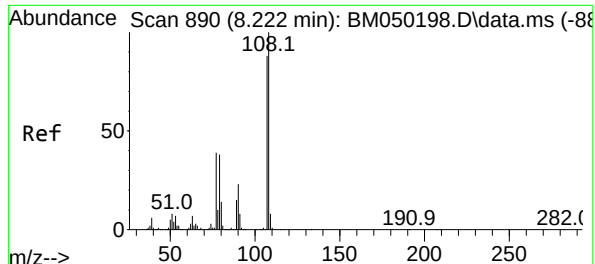


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.175 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38



Tgt Ion: 45 Resp: 122149
Ion Ratio Lower Upper
45 100
77 29.8 8.7 48.7
79 20.5 2.7 42.7





#17

2-Methylphenol

Concen: 9.461 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050196.D

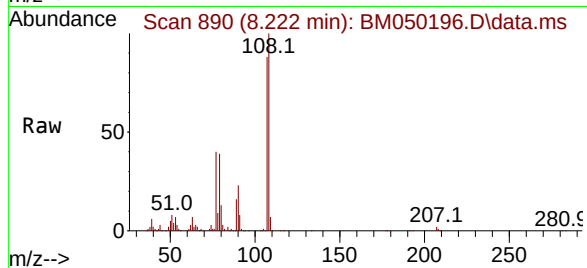
Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:107 Resp: 134124

Ion Ratio Lower Upper

107 100

108 113.5 90.8 136.2

77 45.1 35.7 53.5

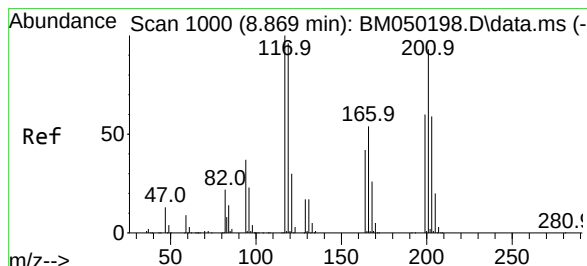
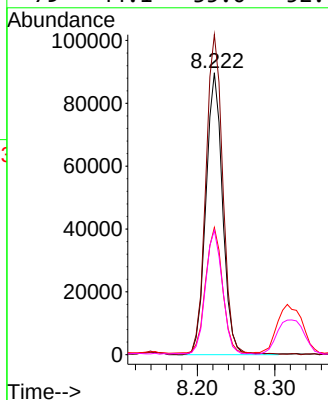
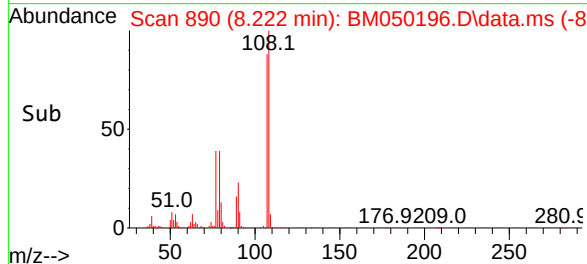
79 44.1 35.0 52.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#18

Hexachloroethane

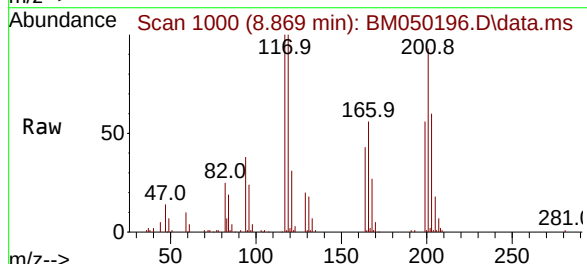
Concen: 9.800 ng

RT: 8.869 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38



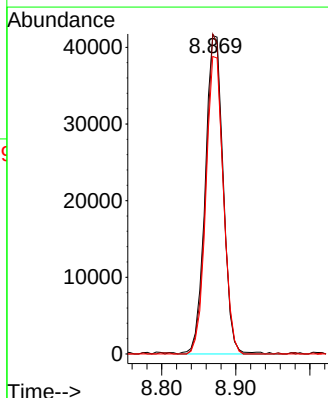
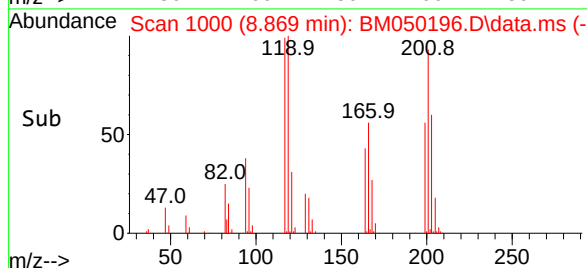
Tgt Ion:117 Resp: 70045

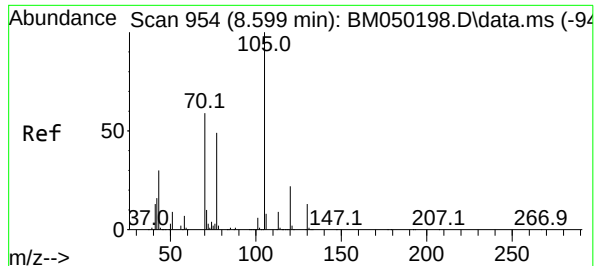
Ion Ratio Lower Upper

117 100

119 100.5 77.0 115.6

201 93.4 74.6 111.8





#19

n-Nitroso-di-n-propylamine

Concen: 9.807 ng

RT: 8.592 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 12186

Ion Ratio Lower Upper

70 100

42 27.4 22.6 33.8

101 9.4 8.3 12.5

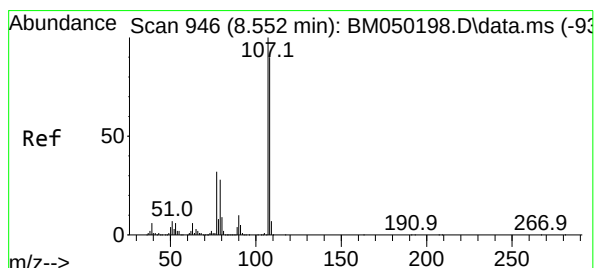
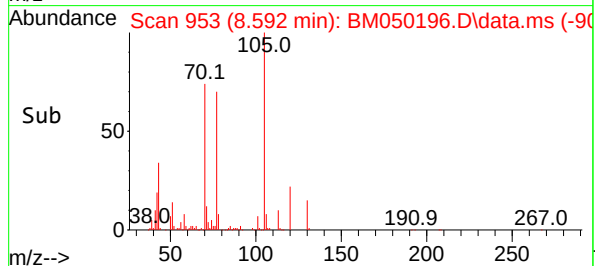
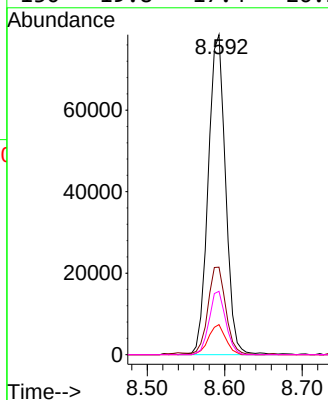
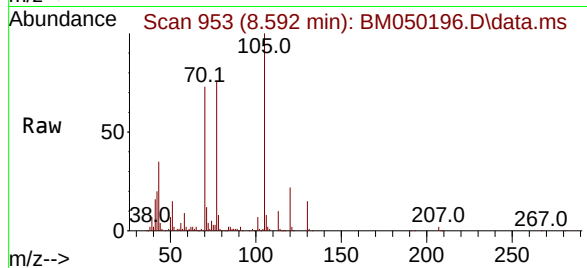
130 19.8 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#20

3+4-Methylphenols

Concen: 9.324 ng

RT: 8.545 min Scan# 945

Delta R.T. -0.006 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

Tgt Ion:107 Resp: 176847

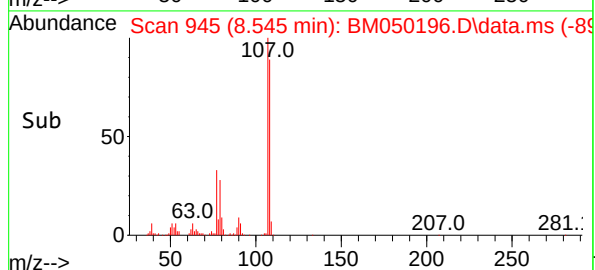
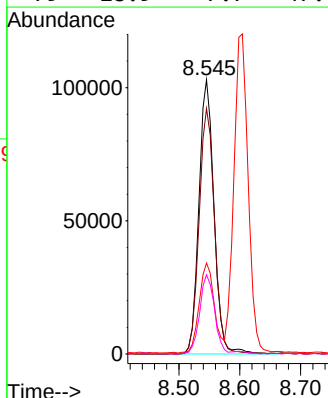
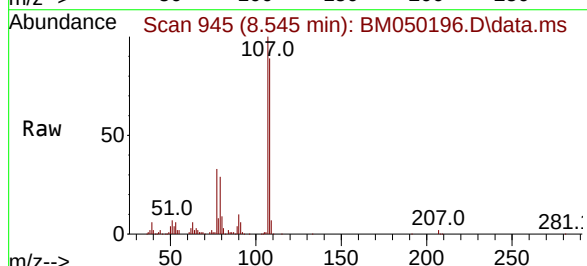
Ion Ratio Lower Upper

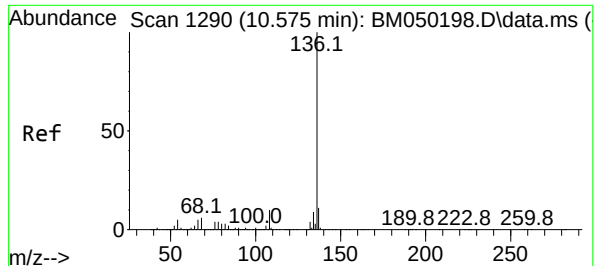
107 100

108 89.5 70.4 110.4

77 33.1 12.2 52.2

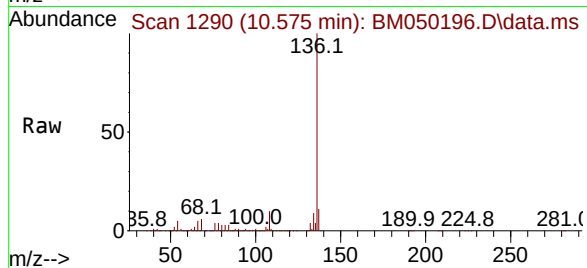
79 28.9 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

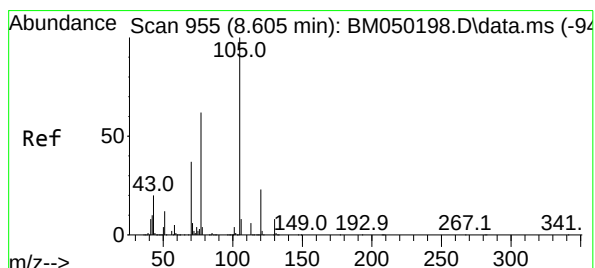
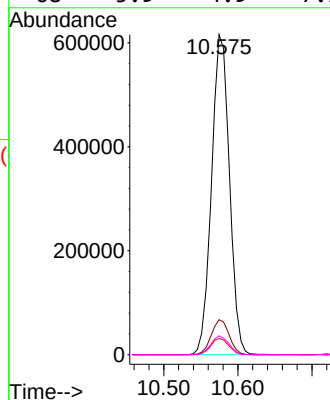
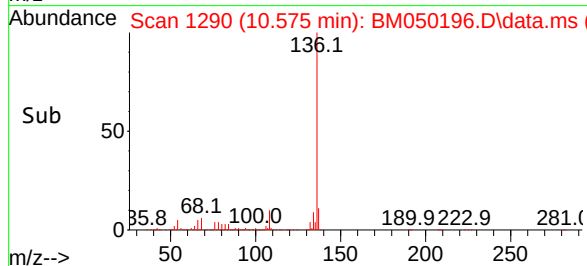
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 1031211
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.1 3.8 5.8
68 5.9 4.9 7.3

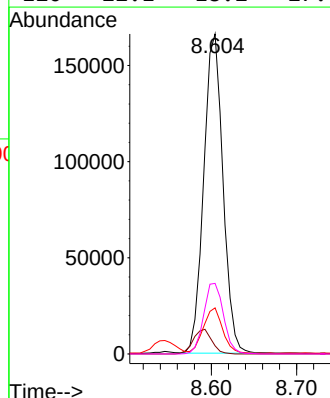
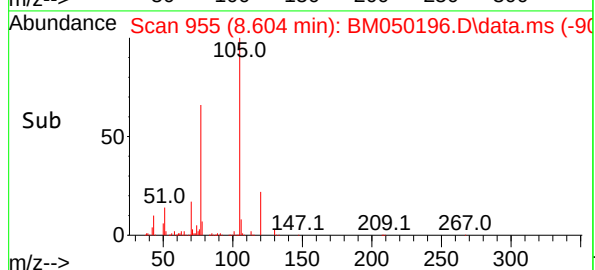
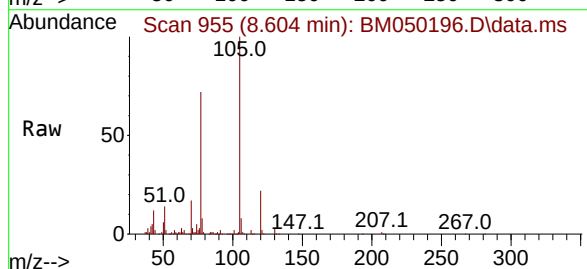
Manual Integrations
APPROVED

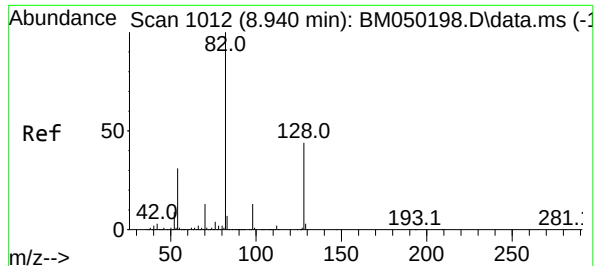
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#22
Acetophenone
Concen: 10.123 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:105 Resp: 260808
Ion Ratio Lower Upper
105 100
71 2.6 5.0 7.4#
51 14.4 11.4 17.2
120 22.1 18.2 27.4





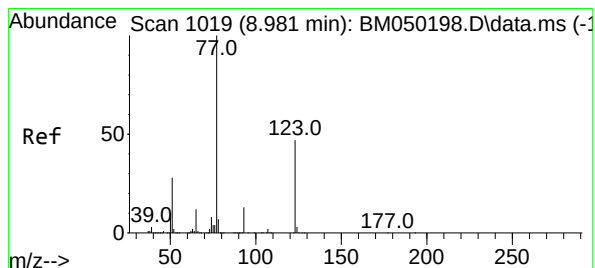
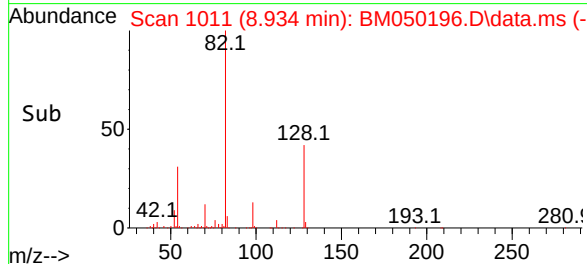
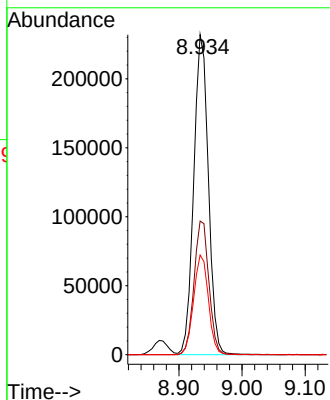
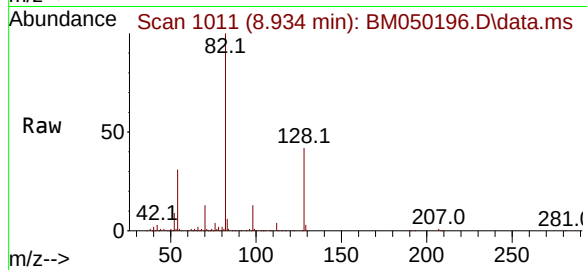
#23
Nitrobenzene-d5
Concen: 18.841 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 37357
Ion Ratio Lower Upper
82 100
128 41.8 35.2 52.8
54 31.1 24.5 36.7

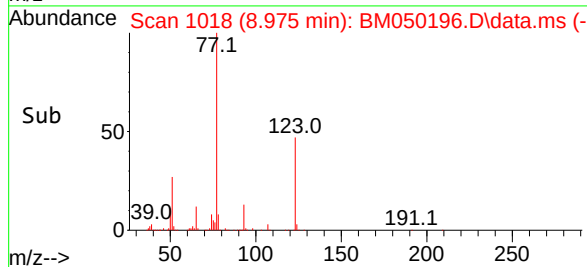
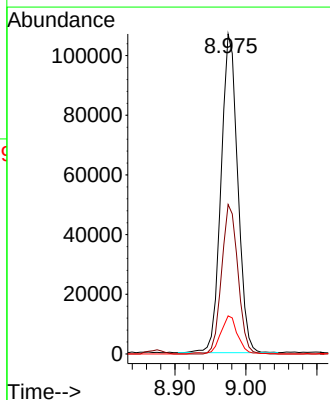
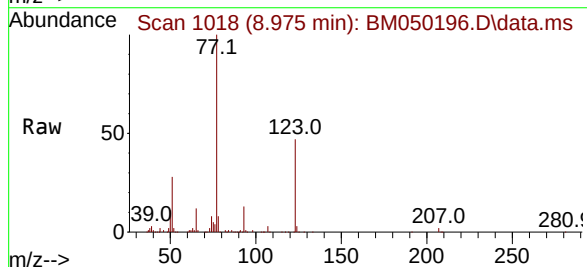
Manual Integrations
APPROVED

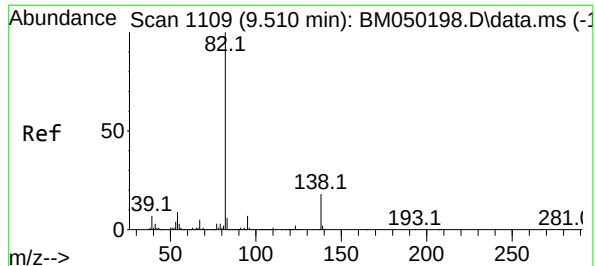
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#24
Nitrobenzene
Concen: 9.646 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

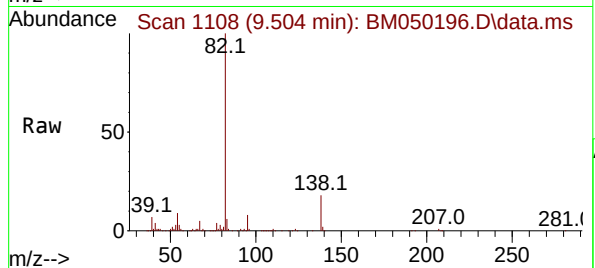
Tgt Ion: 77 Resp: 173945
Ion Ratio Lower Upper
77 100
123 46.7 38.2 57.2
65 11.9 9.5 14.3





#25
Isophorone
Concen: 9.407 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

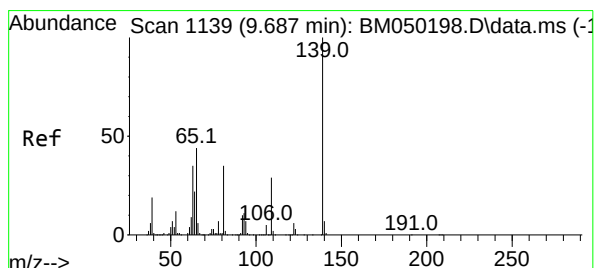
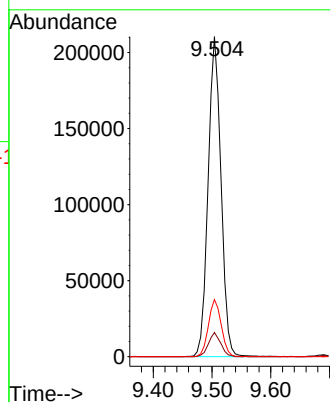
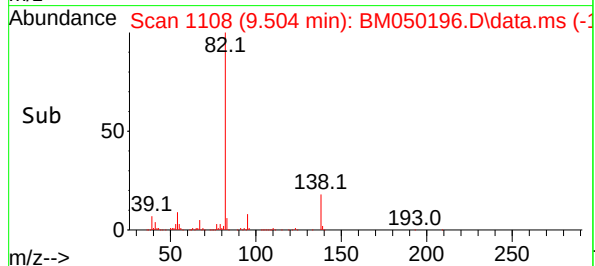
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 321944
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 17.9 14.2 21.2

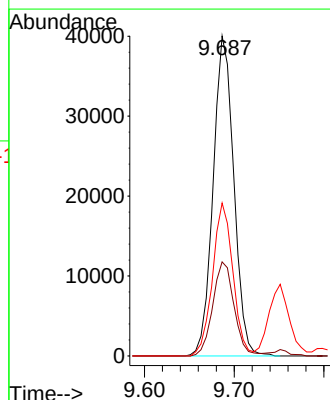
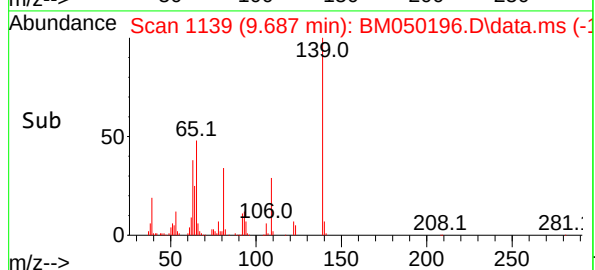
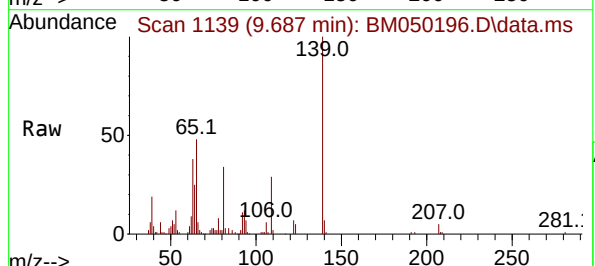
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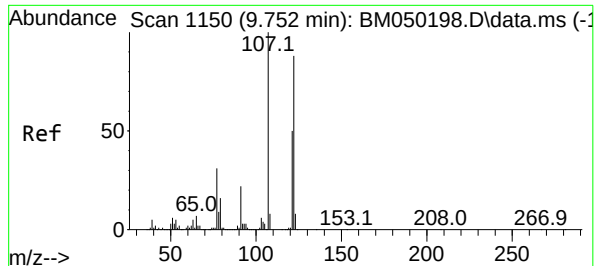
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#26
2-Nitrophenol
Concen: 8.239 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:139 Resp: 64131
Ion Ratio Lower Upper
139 100
109 29.4 23.3 34.9
65 47.8 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 9.598 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 153659

Ion Ratio Lower Upper

122 100

107 111.9 91.0 136.6

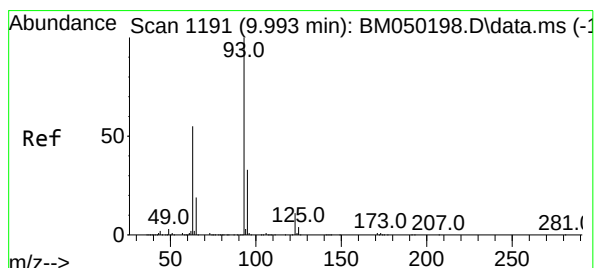
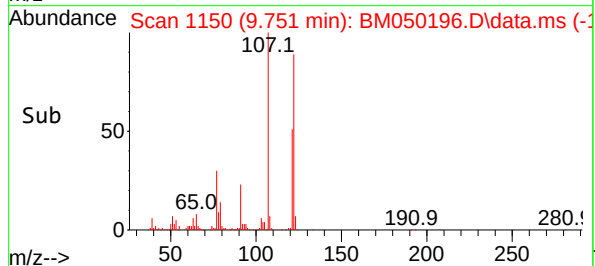
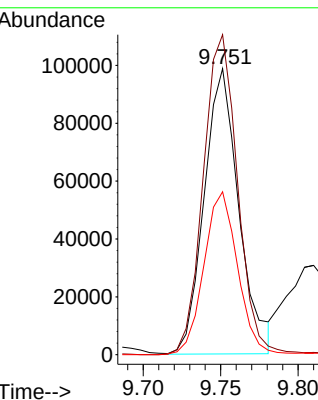
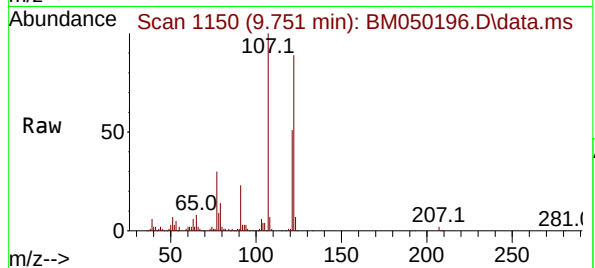
121 56.9 45.8 68.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.531 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

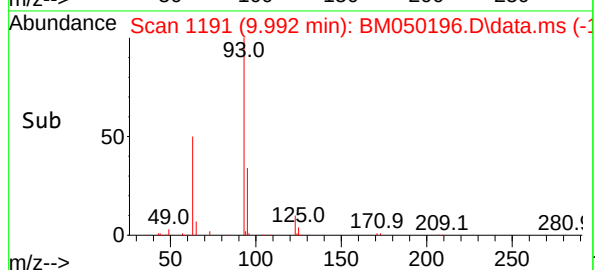
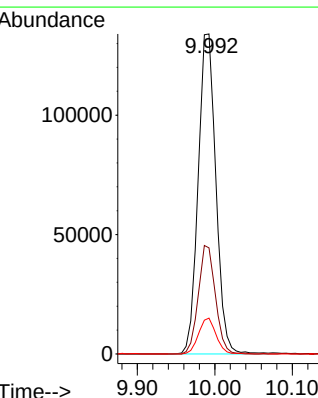
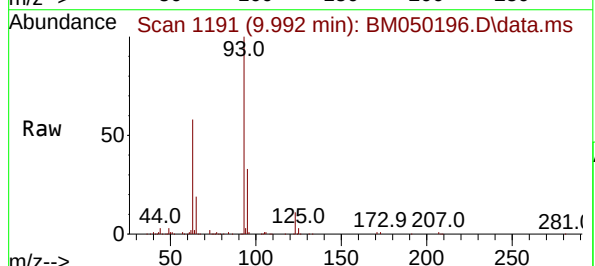
Tgt Ion: 93 Resp: 213076

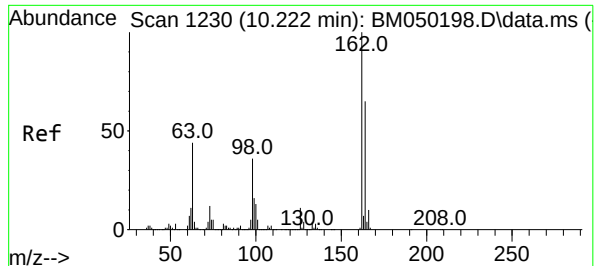
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 9.122 ng

RT: 10.216 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 13501

Ion Ratio Lower Upper

162 100

164 60.2 45.0 85.0

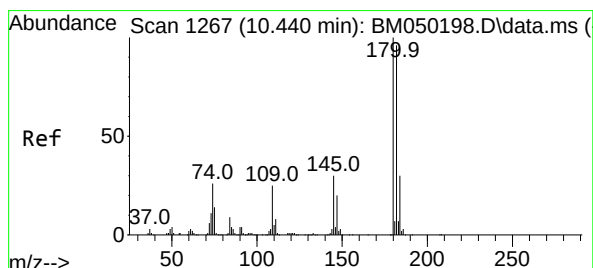
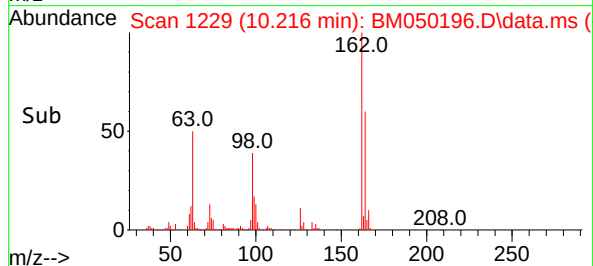
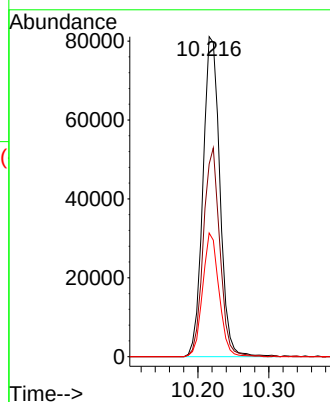
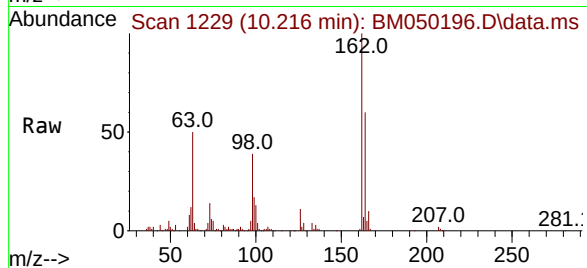
98 38.7 16.3 56.3

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.614 ng

RT: 10.439 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

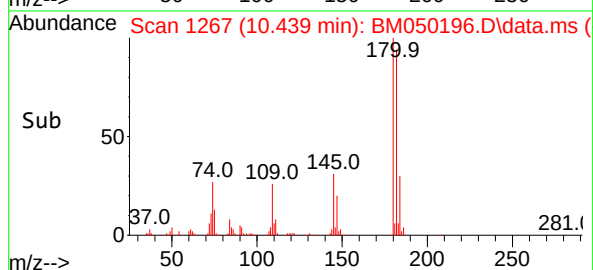
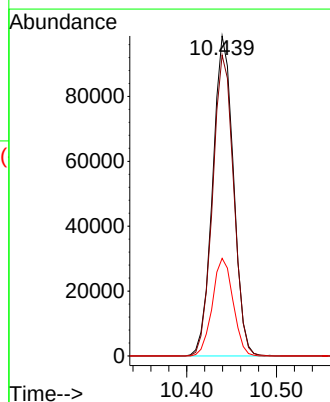
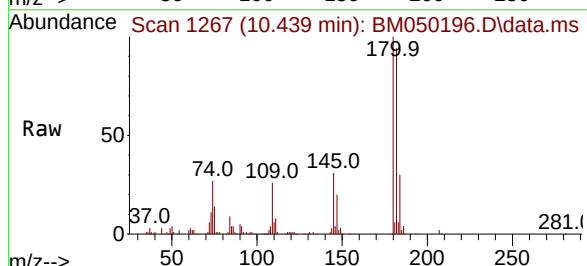
Tgt Ion:180 Resp: 158337

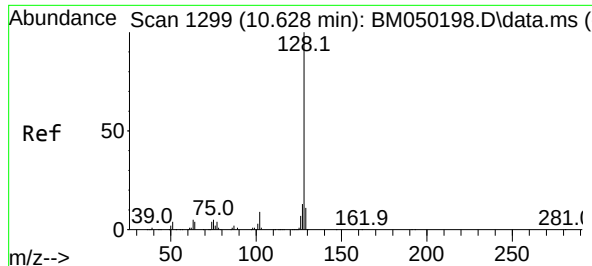
Ion Ratio Lower Upper

180 100

182 94.0 76.6 114.8

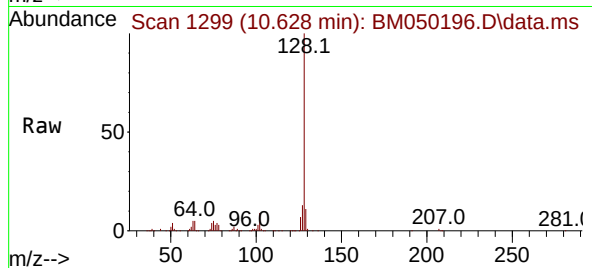
145 30.5 24.2 36.4





#31
Naphthalene
Concen: 10.063 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

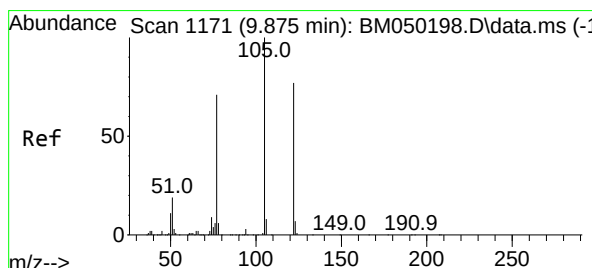
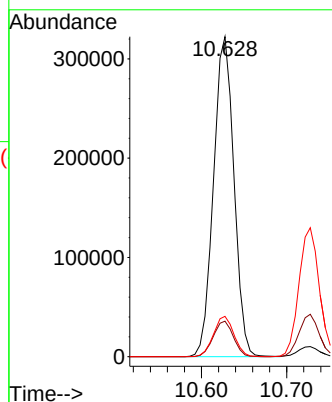
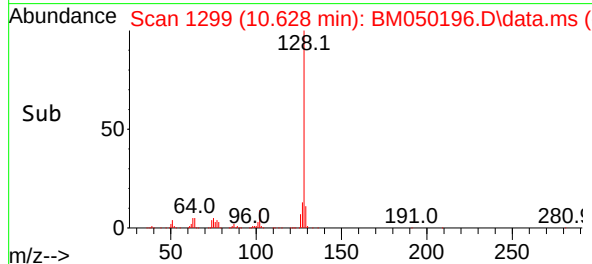
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 536510
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.6 10.2 15.4

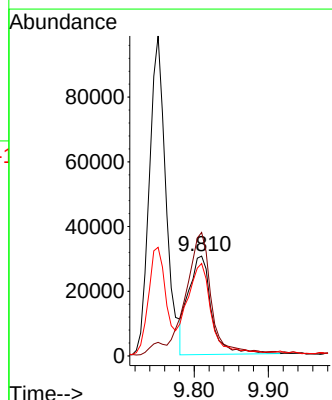
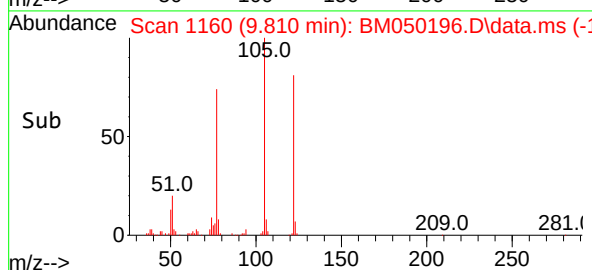
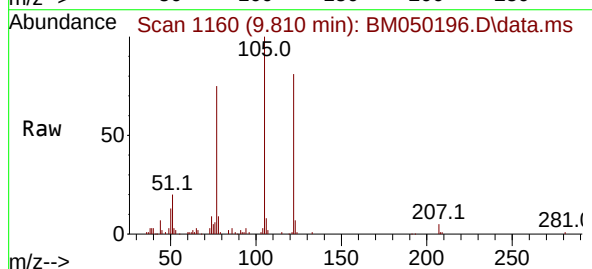
Manual Integrations
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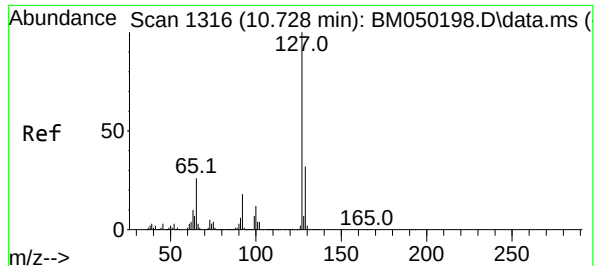
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#32
Benzoic acid
Concen: 6.508 ng
RT: 9.810 min Scan# 1160
Delta R.T. -0.065 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

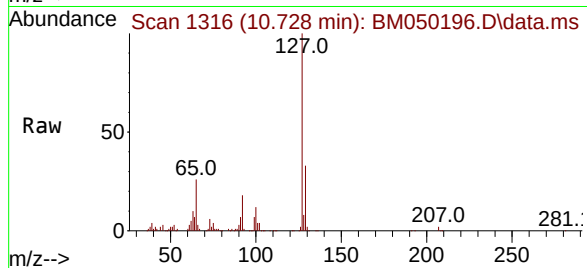
Tgt Ion:122 Resp: 65412
Ion Ratio Lower Upper
122 100
105 123.7 103.4 143.4
77 92.6 70.3 110.3





#33
4-Chloroaniline
Concen: 9.591 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

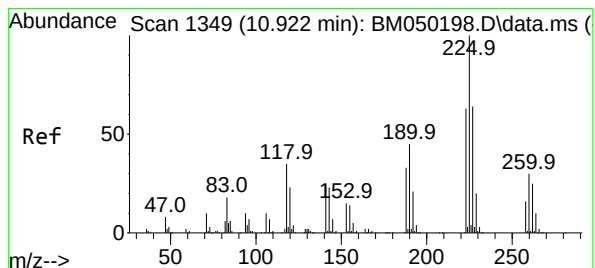
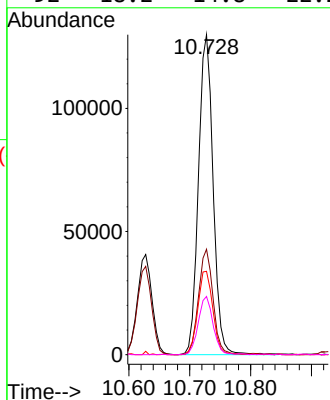
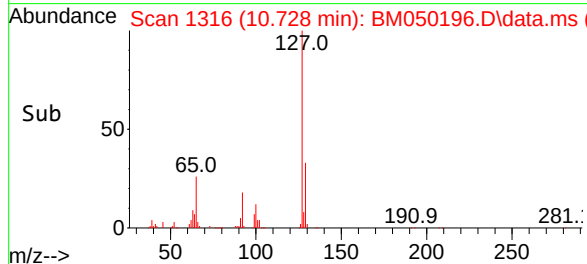
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 218010
Ion Ratio Lower Upper
127 100
129 33.0 25.4 38.0
65 26.0 21.0 31.4
92 18.2 14.8 22.2

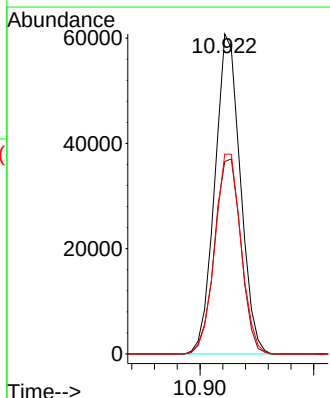
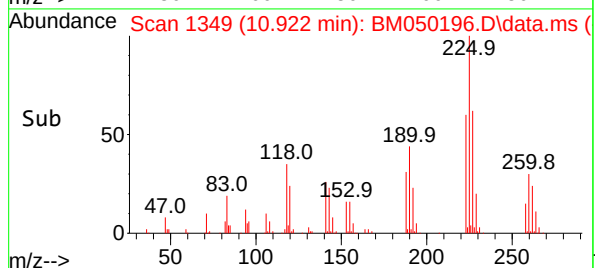
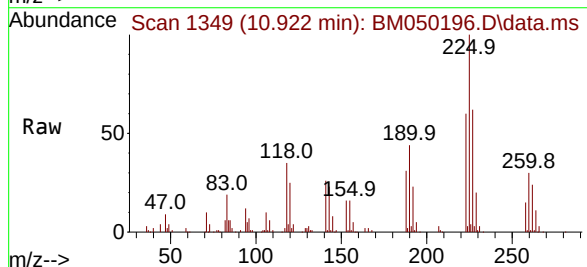
Manual Integrations
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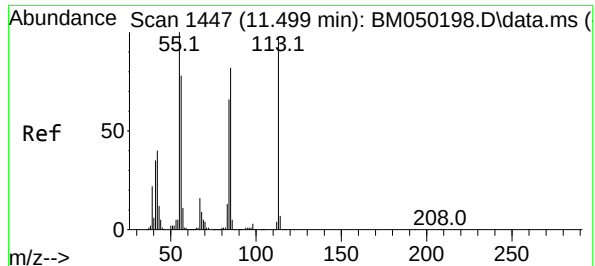
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#34
Hexachlorobutadiene
Concen: 9.674 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

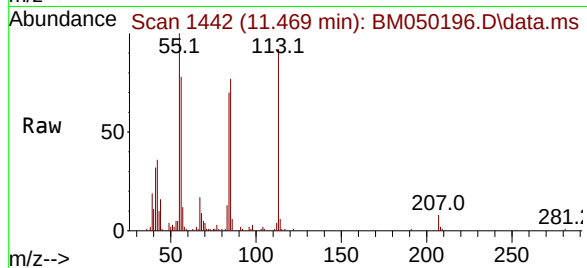
Tgt Ion:225 Resp: 94772
Ion Ratio Lower Upper
225 100
223 60.2 50.2 75.2
227 62.5 51.0 76.4





#35
Caprolactam
Concen: 8.437 ng
RT: 11.469 min Scan# 1447
Delta R.T. -0.030 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

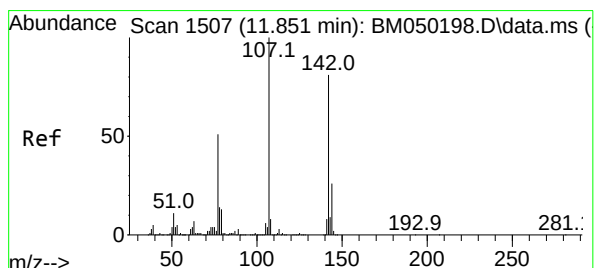
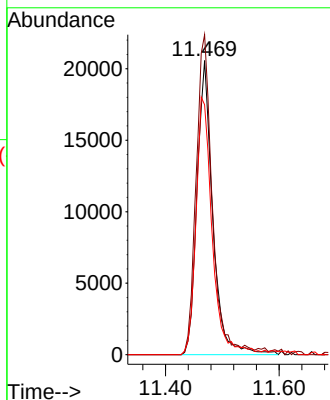
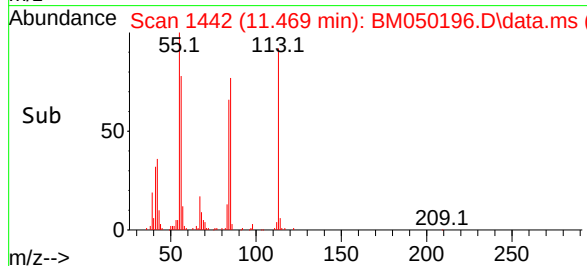
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 39590
Ion Ratio Lower Upper
113 100
55 108.8 83.5 123.5
56 85.0 60.6 100.6

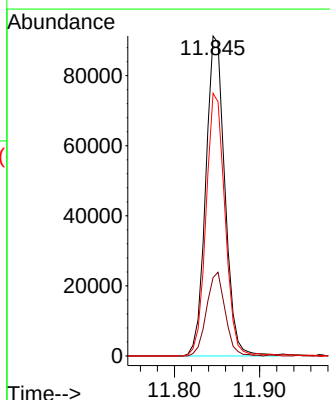
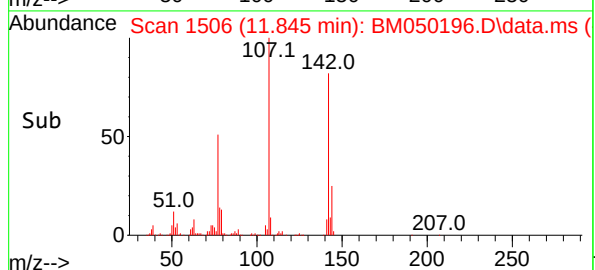
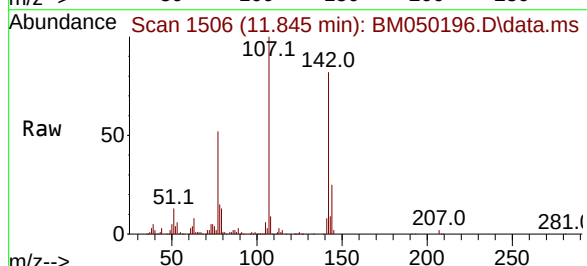
Manual Integrations
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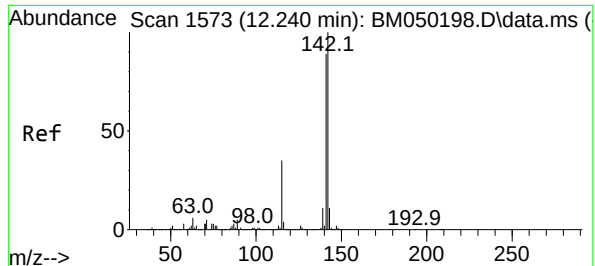
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#36
4-Chloro-3-methylphenol
Concen: 9.022 ng
RT: 11.845 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

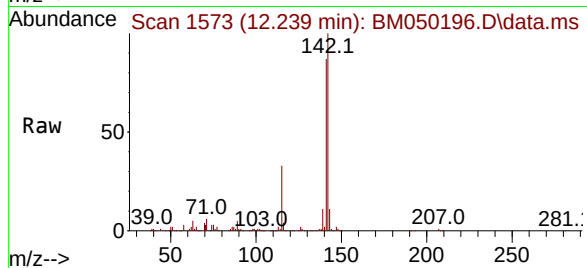
Tgt Ion:107 Resp: 142482
Ion Ratio Lower Upper
107 100
144 24.5 21.0 31.6
142 82.1 64.8 97.2





#37
2-Methylnaphthalene
Concen: 9.495 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

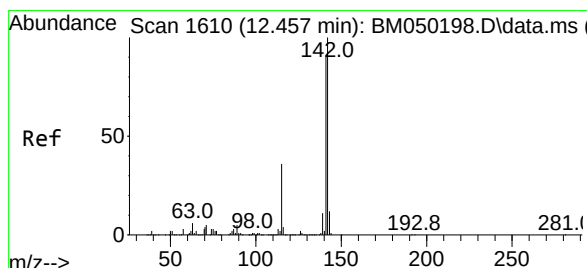
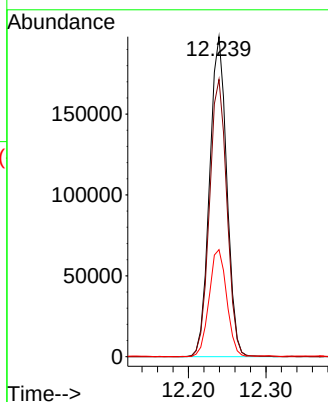
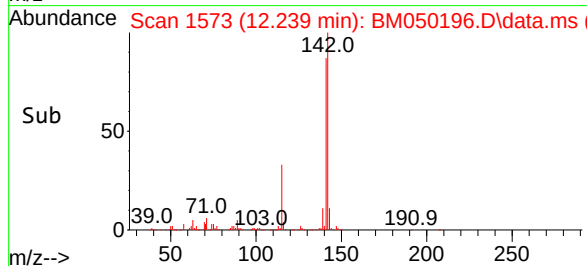
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 305385
Ion Ratio Lower Upper
142 100
141 86.7 71.5 107.3
115 33.5 27.8 41.8

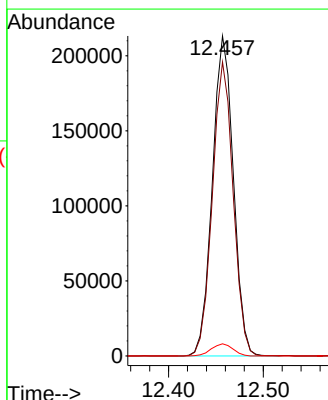
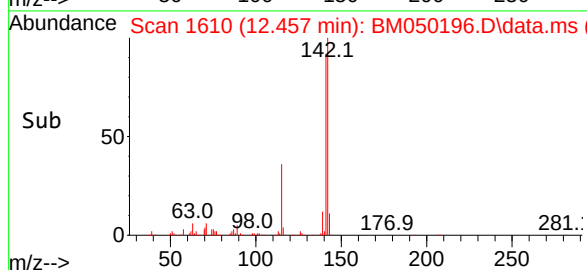
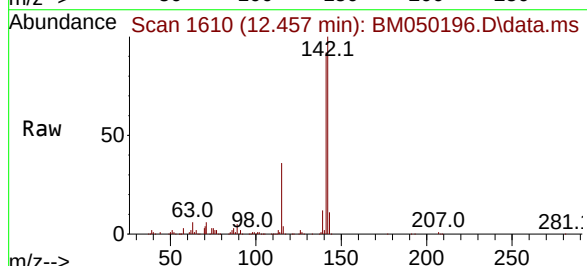
Manual Integrations
APPROVED

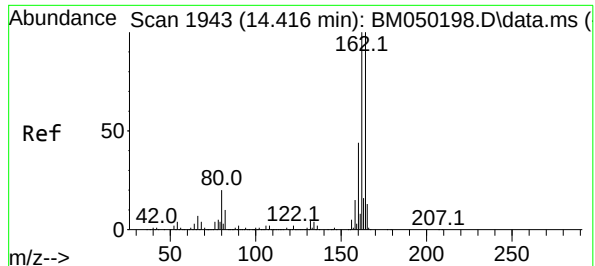
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#38
1-Methylnaphthalene
Concen: 9.617 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:142 Resp: 328309
Ion Ratio Lower Upper
142 100
141 91.8 72.9 109.3
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.000 min

Lab File: BM050196.D

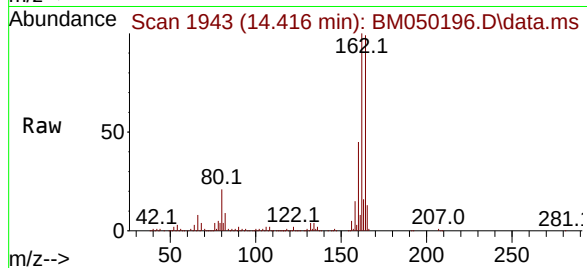
Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 59770

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.4

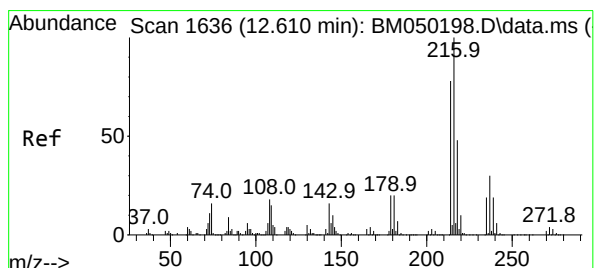
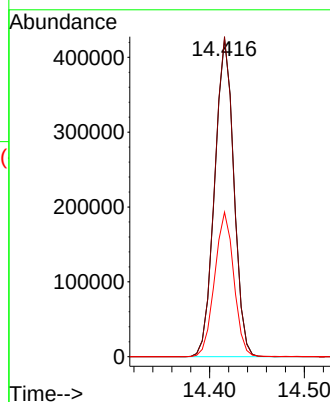
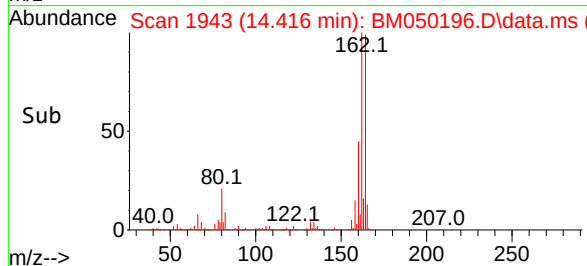
160 45.5 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#40

1,2,4,5-Tetrachlorobenzene

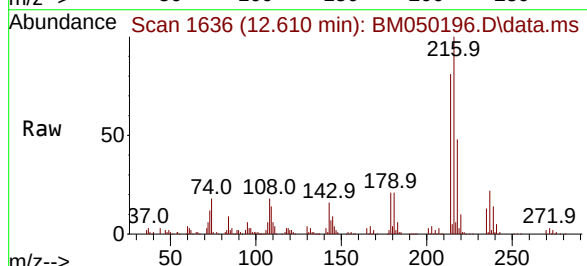
Concen: 9.711 ng

RT: 12.610 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38



Tgt Ion:216 Resp: 167598

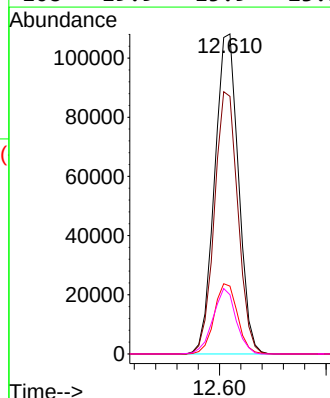
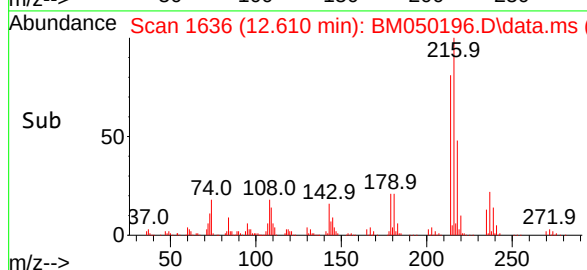
Ion Ratio Lower Upper

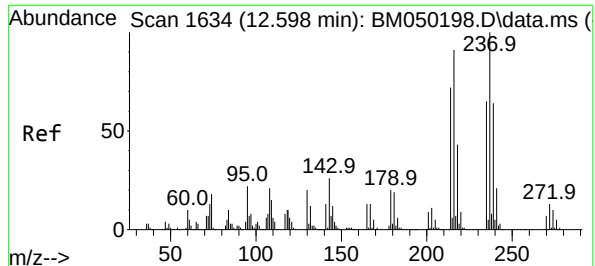
216 100

214 80.8 63.0 94.4

179 21.5 16.6 25.0

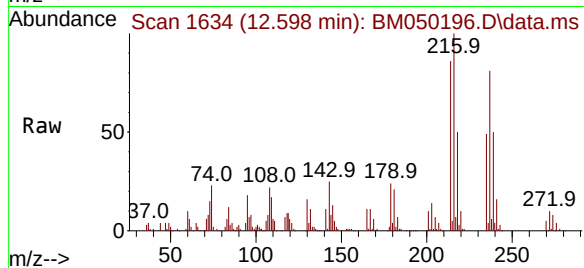
108 19.9 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 8.701 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

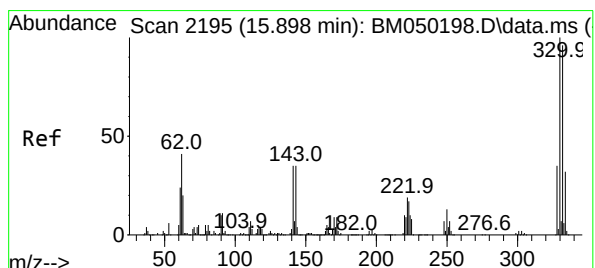
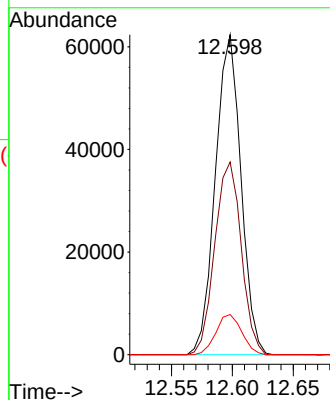
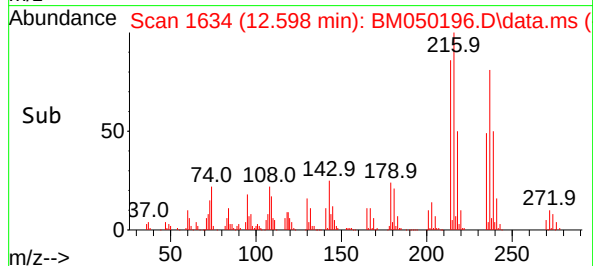
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



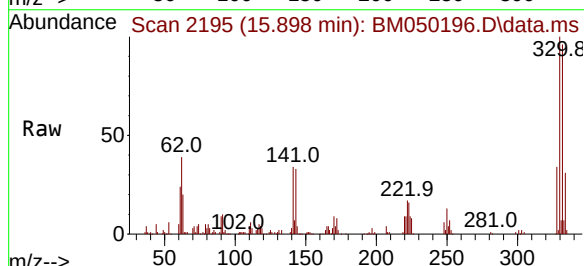
Tgt Ion: 237 Resp: 9120
Ion Ratio Lower Upper
237 100
235 60.2 44.6 84.6
272 12.6 0.0 33.1

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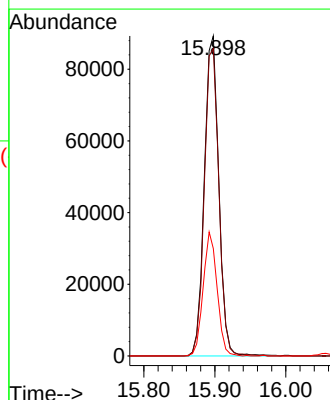
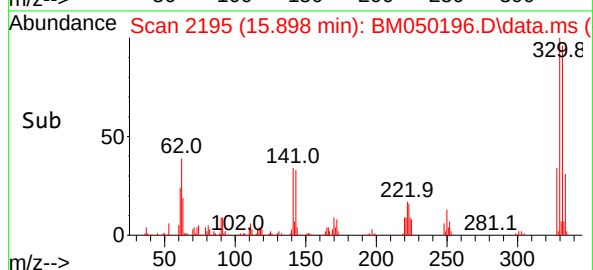
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

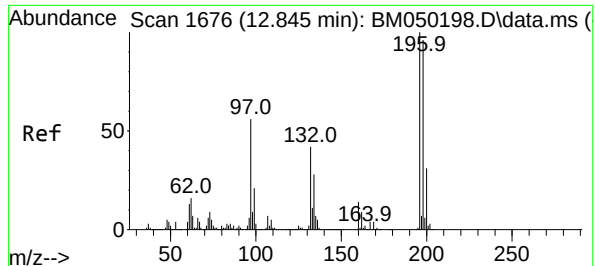


#42
2,4,6-Tribromophenol
Concen: 18.693 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38



Tgt Ion: 330 Resp: 127081
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 37.3 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 9.124 ng

RT: 12.845 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BM050196.D

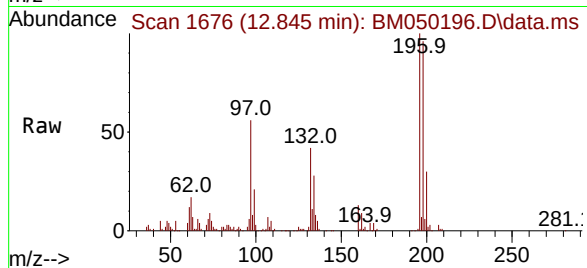
Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 103550

Ion Ratio Lower Upper

196 100

198 96.1 76.6 115.0

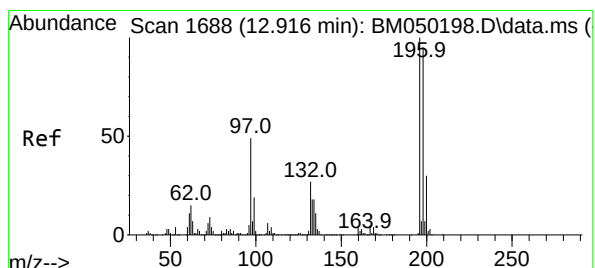
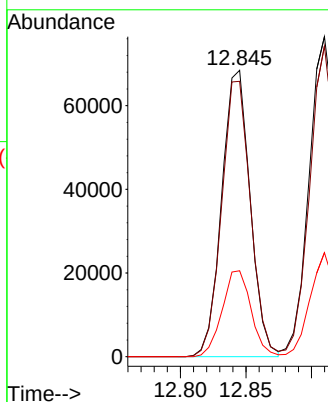
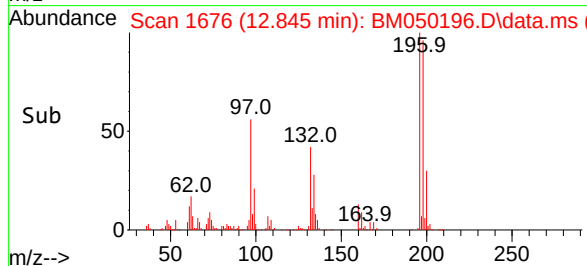
200 30.0 24.5 36.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#44

2,4,5-Trichlorophenol

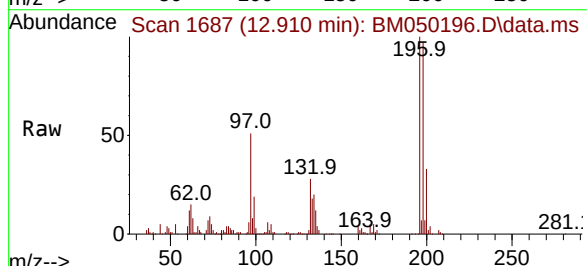
Concen: 9.149 ng

RT: 12.910 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38



Tgt Ion:196 Resp: 114017

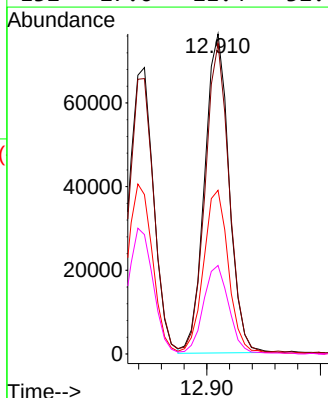
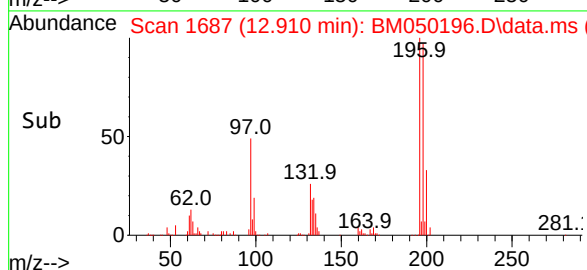
Ion Ratio Lower Upper

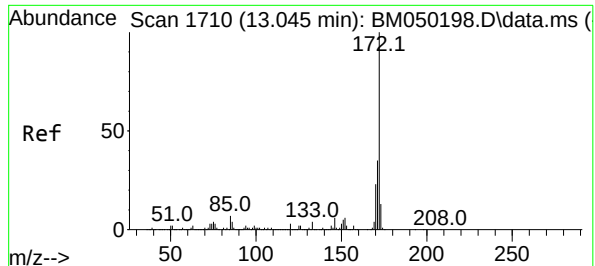
196 100

198 97.1 76.1 114.1

97 51.1 39.3 58.9

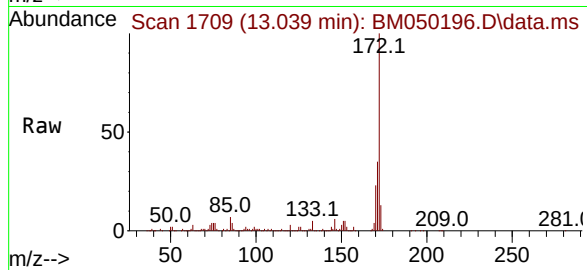
132 27.6 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 20.795 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

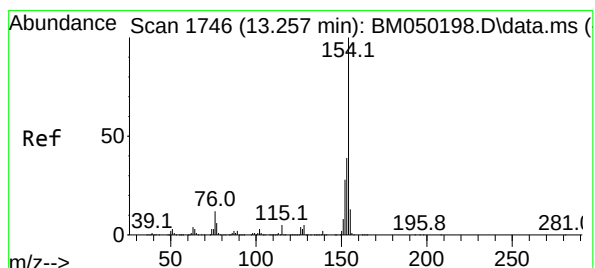
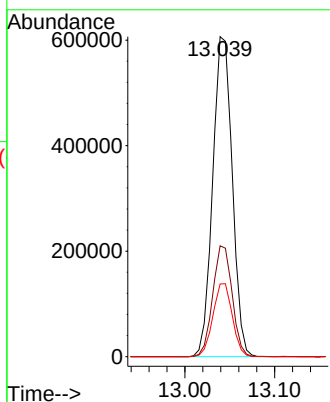
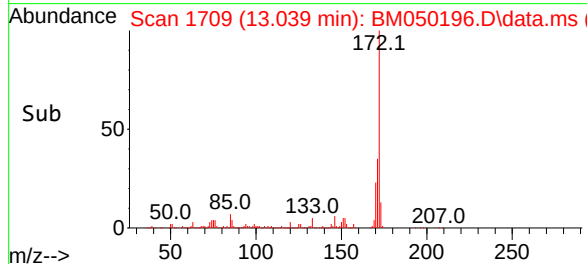
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 91804
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.7 18.6 27.8

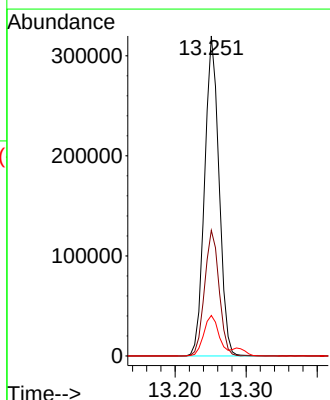
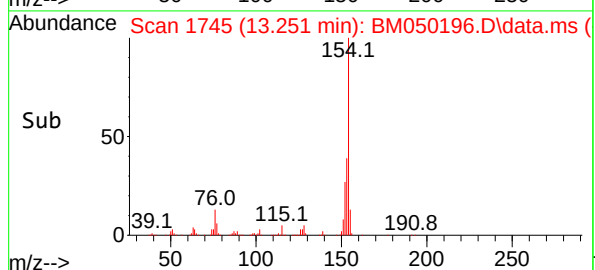
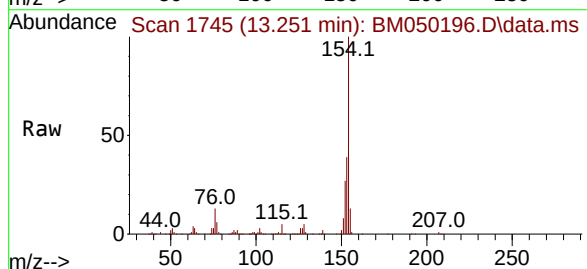
Manual Integrations
APPROVED

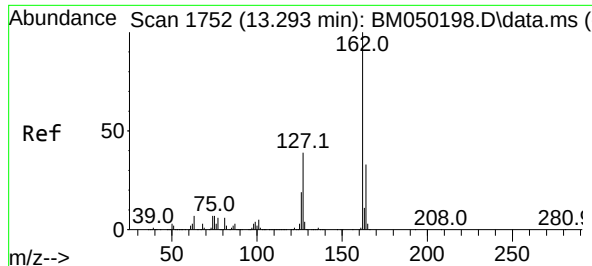
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#46
1,1'-Biphenyl
Concen: 10.102 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

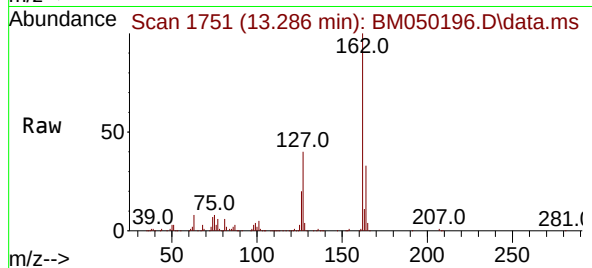
Tgt Ion:154 Resp: 452133
Ion Ratio Lower Upper
154 100
153 39.3 19.2 59.2
76 12.6 0.0 32.0





#47
2-Chloronaphthalene
Concen: 10.251 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

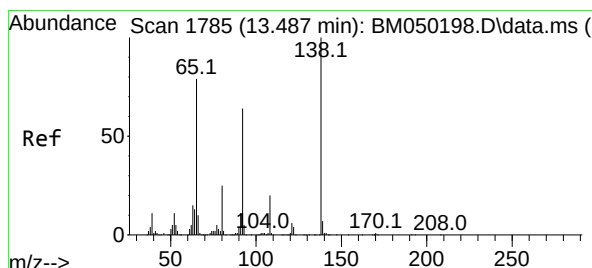
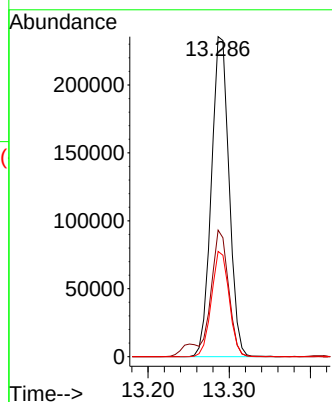
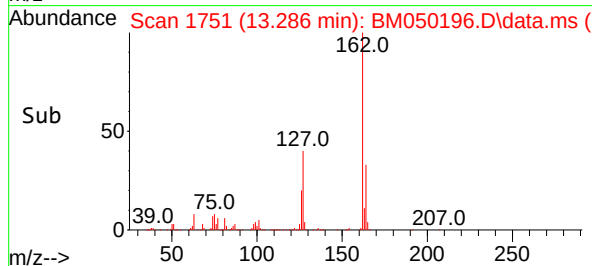
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:162 Resp: 35668
Ion Ratio Lower Upper
162 100
127 39.6 31.1 46.7
164 32.9 26.5 39.7

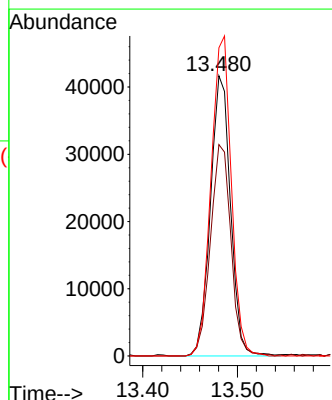
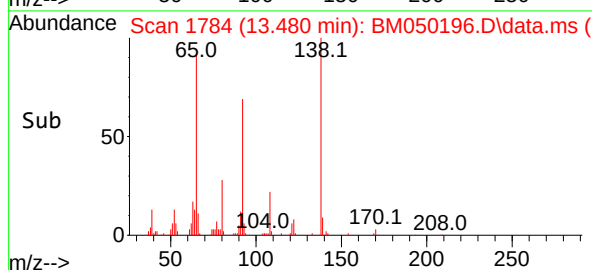
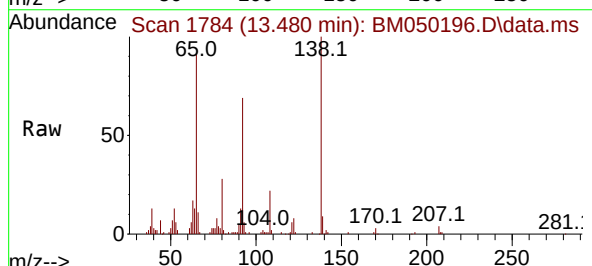
Manual Integrations
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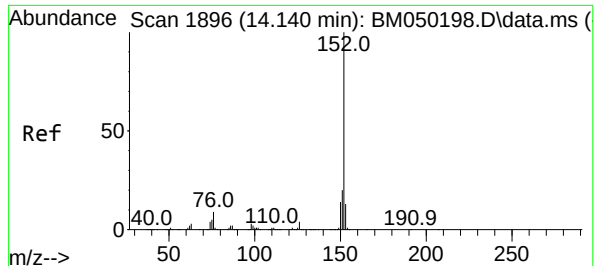
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#48
2-Nitroaniline
Concen: 8.031 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

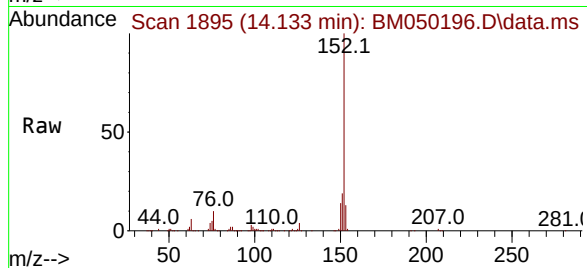
Tgt Ion: 65 Resp: 61491
Ion Ratio Lower Upper
65 100
92 75.4 64.2 96.4
138 110.0 101.0 151.4





#49
Acenaphthylene
Concen: 9.738 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

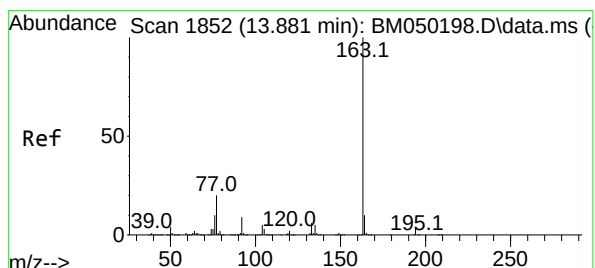
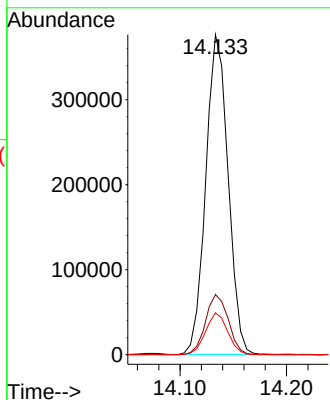
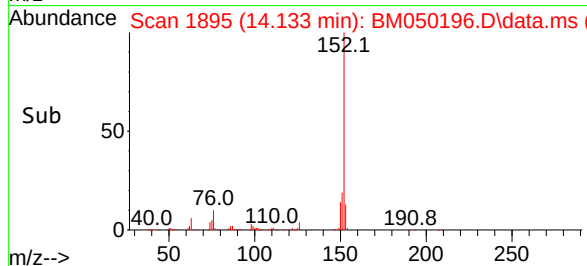
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 548052
Ion Ratio Lower Upper
152 100
151 18.8 15.8 23.6
153 13.1 10.4 15.6

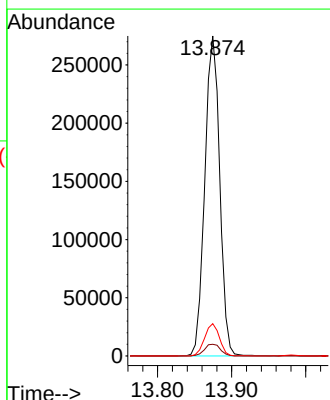
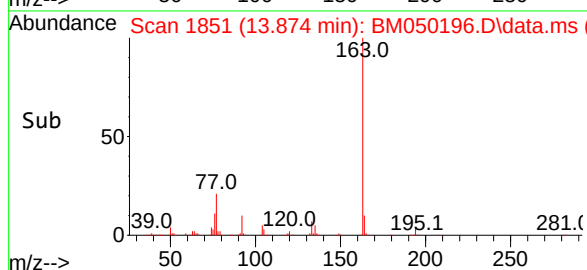
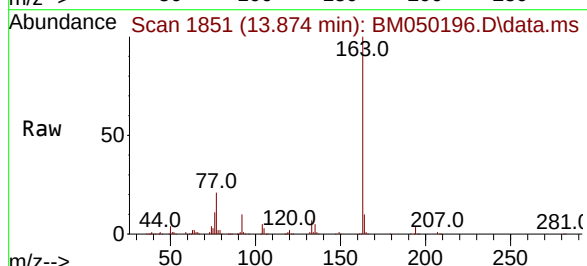
Manual Integrations
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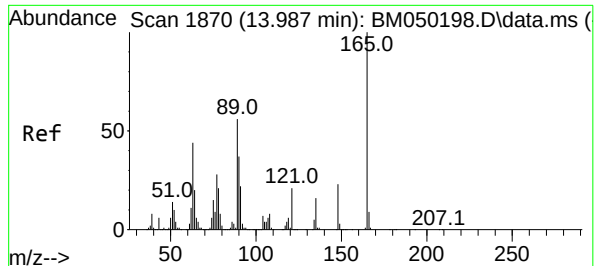
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#50
Dimethylphthalate
Concen: 9.503 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

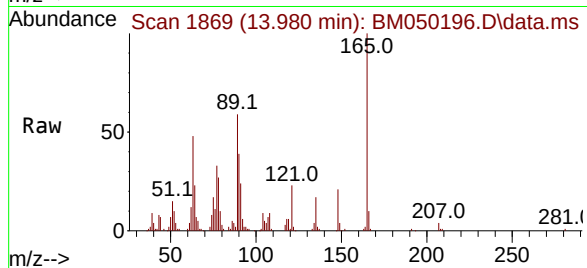
Tgt Ion:163 Resp: 384143
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 13.980 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

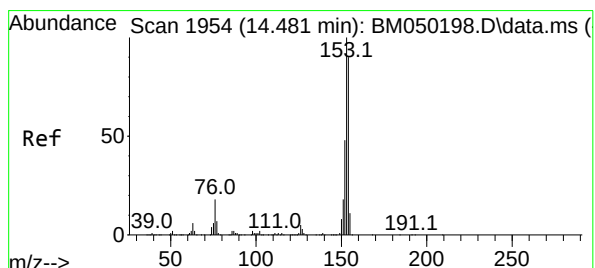
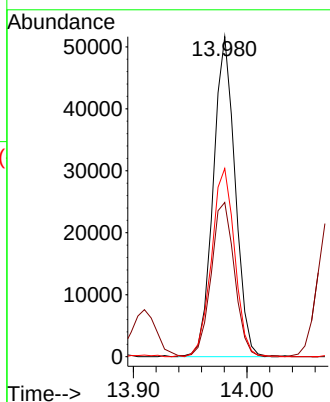
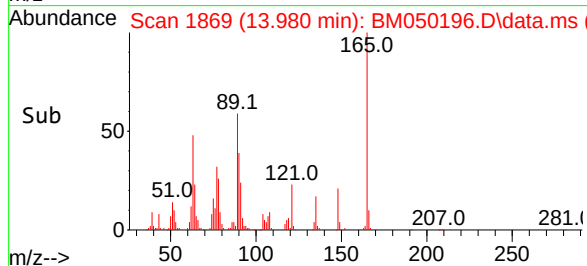
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 6911
Ion Ratio Lower Upper
165 100
63 48.2 35.8 53.6
89 58.8 44.8 67.2

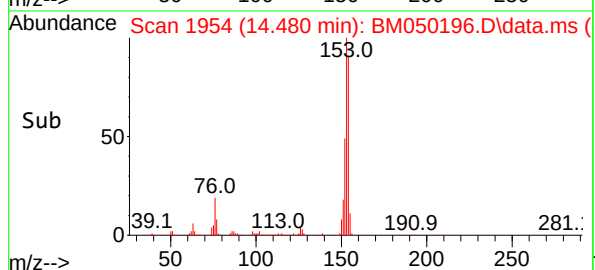
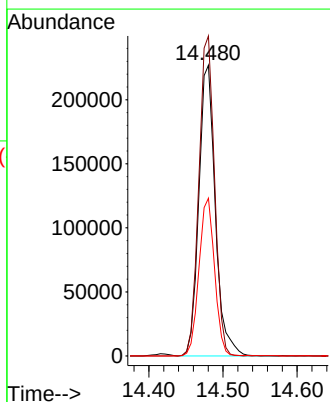
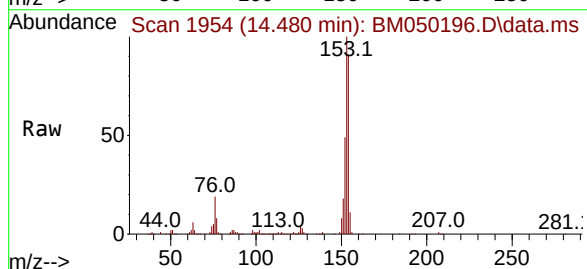
Manual Integrations
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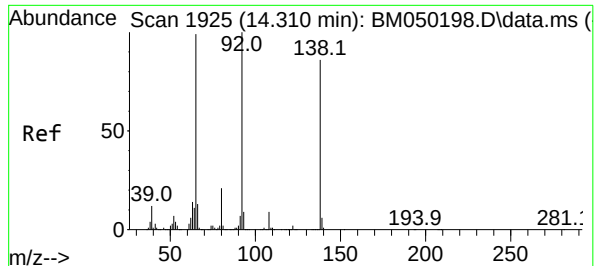
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#52
Acenaphthene
Concen: 9.985 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

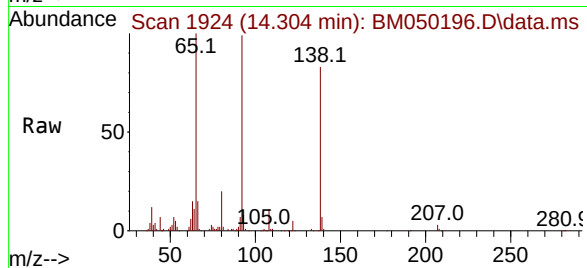
Tgt Ion:154 Resp: 351485
Ion Ratio Lower Upper
154 100
153 110.1 88.7 133.1
152 54.3 42.6 63.8





#53
3-Nitroaniline
Concen: 8.301 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

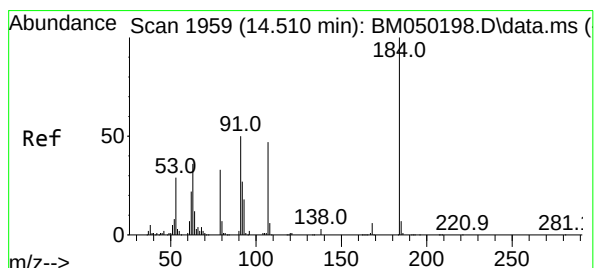
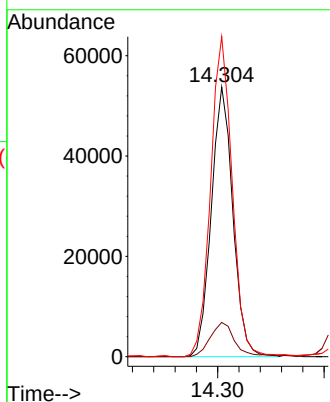
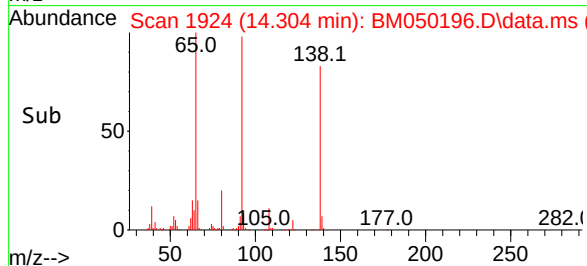
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 75418
Ion Ratio Lower Upper
138 100
108 12.7 8.8 13.2
92 118.6 92.9 139.3

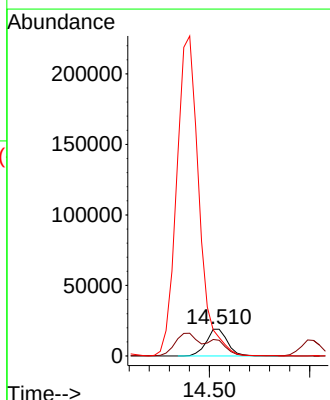
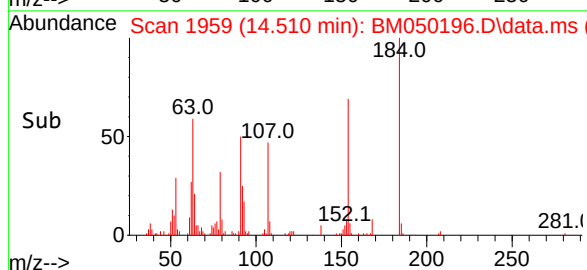
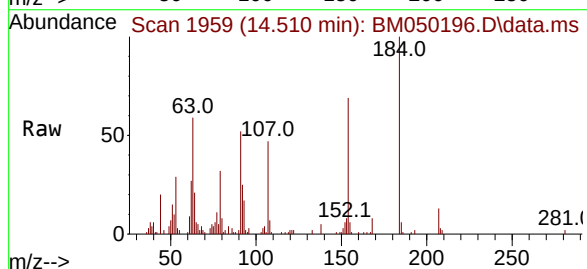
Manual Integrations
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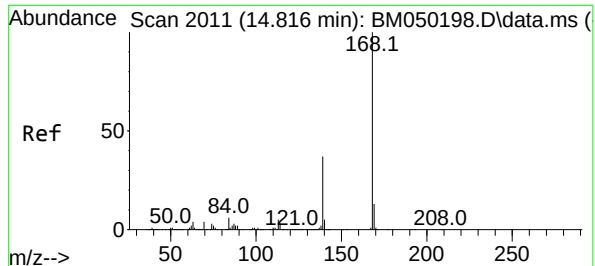
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#54
2,4-Dinitrophenol
Concen: 10.741 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

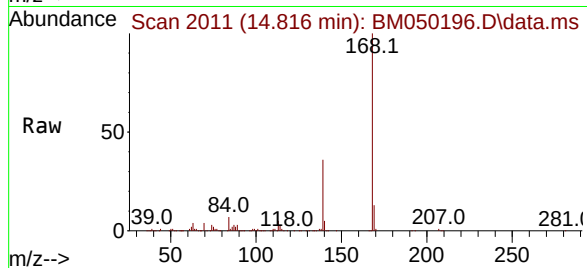
Tgt Ion:184 Resp: 27888
Ion Ratio Lower Upper
184 100
63 58.6 45.3 67.9
154 68.6 54.3 81.5





#55
Dibenzenofuran
Concen: 9.925 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

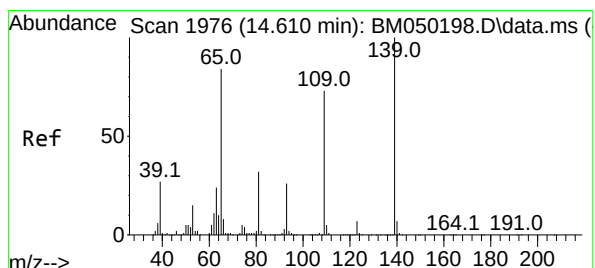
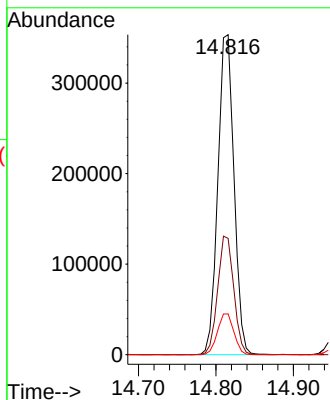
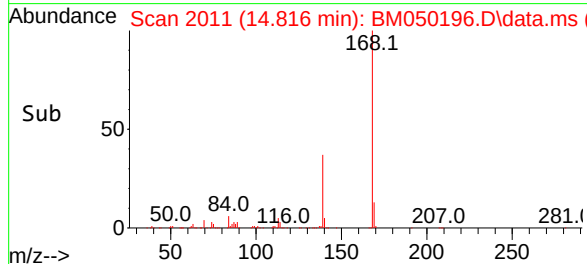
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 51110
Ion Ratio Lower Upper
168 100
139 36.4 29.9 44.9
169 12.8 10.6 16.0

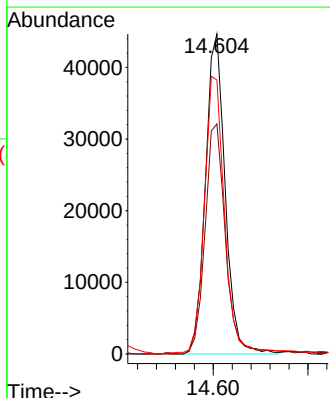
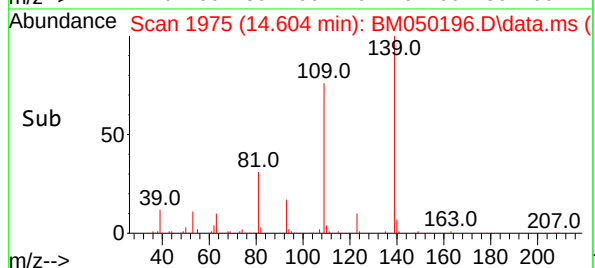
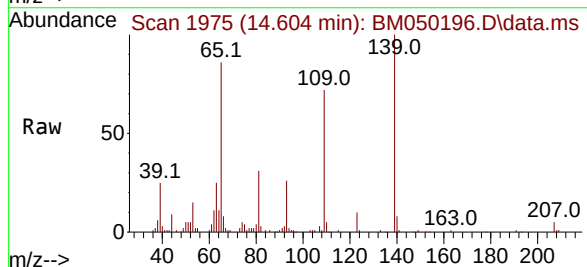
Manual Integrations
APPROVED

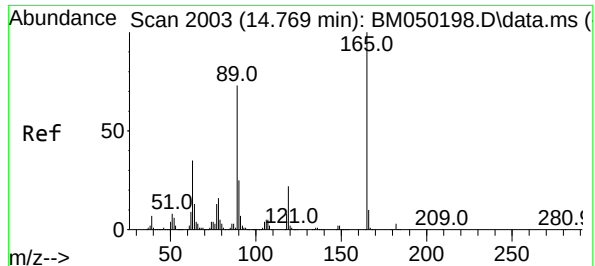
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#56
4-Nitrophenol
Concen: 8.335 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

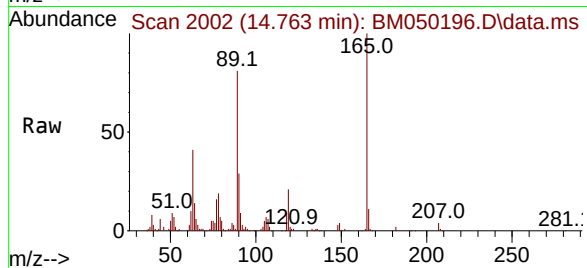
Tgt Ion:139 Resp: 64450
Ion Ratio Lower Upper
139 100
109 71.9 52.6 92.6
65 85.6 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 7.856 ng
RT: 14.763 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

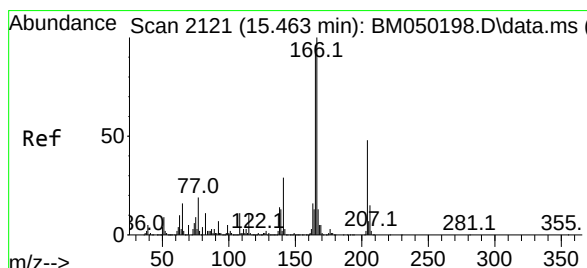
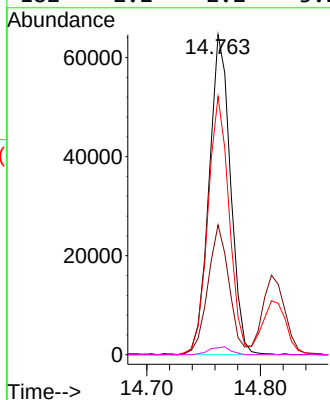
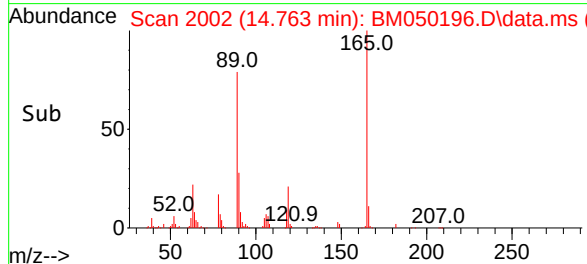
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 8448
Ion Ratio Lower Upper
165 100
63 40.6 28.4 42.6
89 80.7 58.0 87.0
182 2.2 2.2 3.2

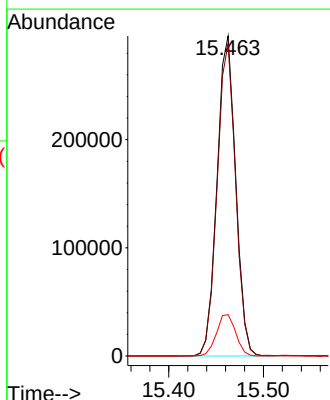
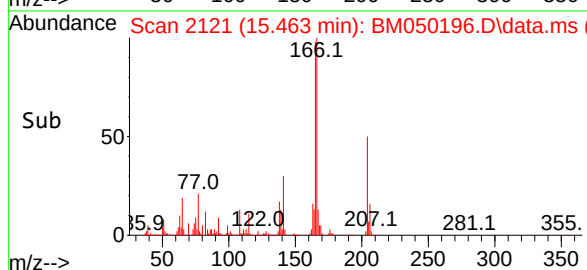
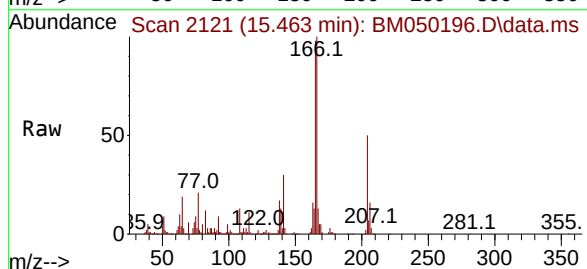
Manual Integrations
APPROVED

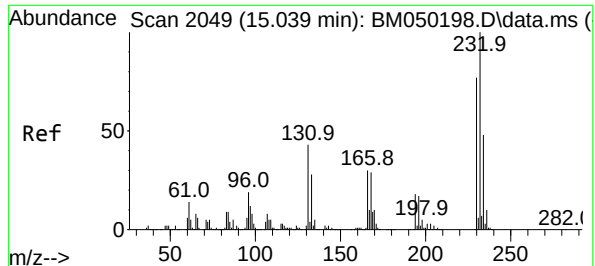
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#58
Fluorene
Concen: 10.286 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

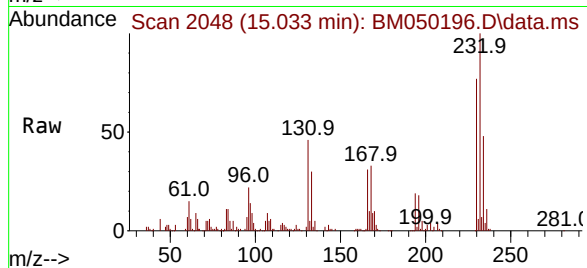
Tgt Ion:166 Resp: 405716
Ion Ratio Lower Upper
166 100
165 97.6 77.0 115.4
167 12.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.156 ng m
RT: 15.033 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

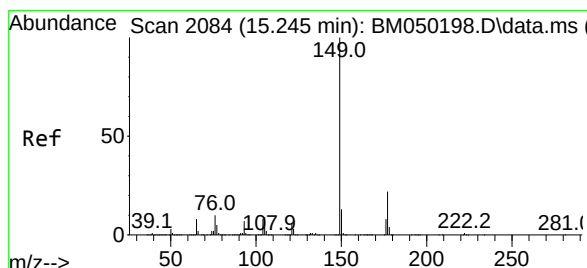
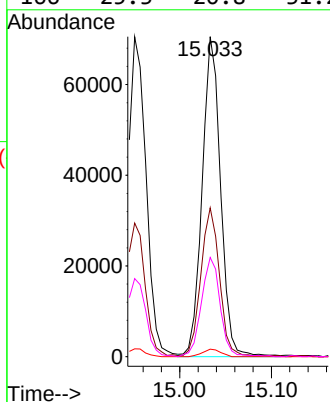
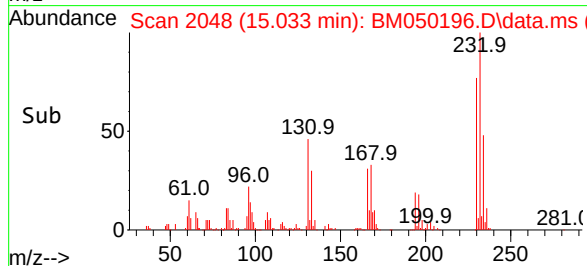
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 98715
Ion Ratio Lower Upper
232 100
131 42.6 32.9 49.3
130 2.4 1.8 2.8
166 25.3 20.8 31.2

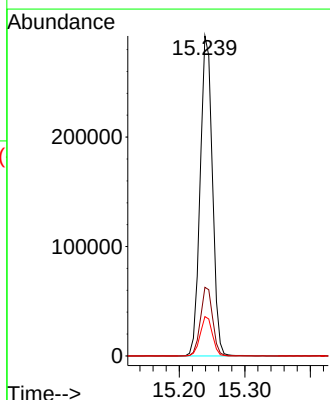
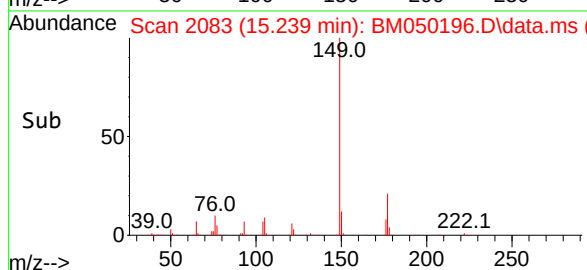
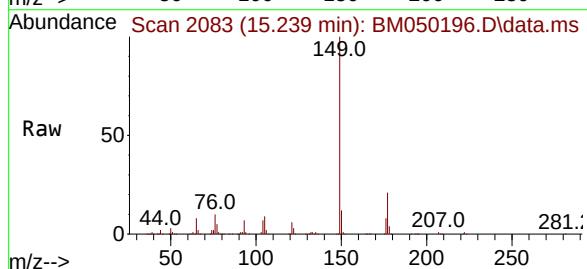
Manual Integrations
APPROVED

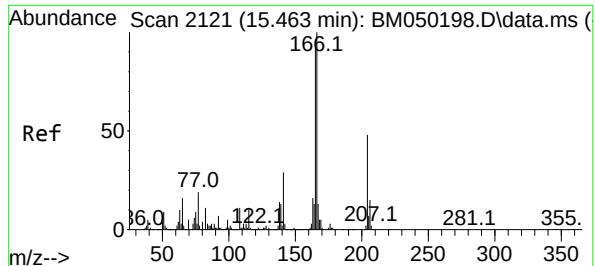
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#60
Diethylphthalate
Concen: 9.477 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

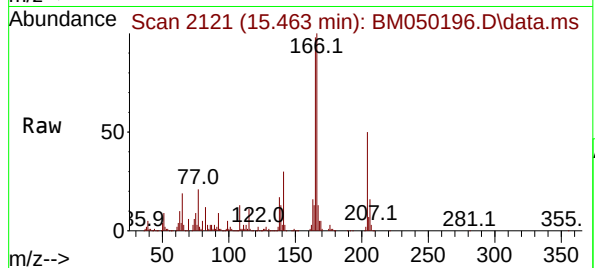
Tgt Ion:149 Resp: 380099
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 10.283 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

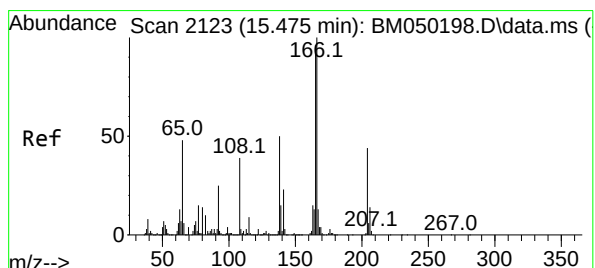
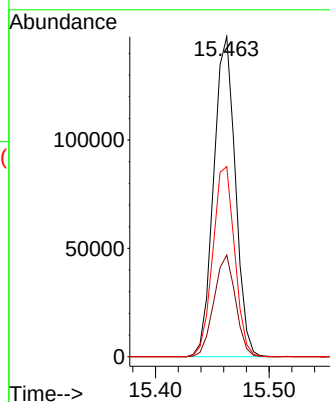
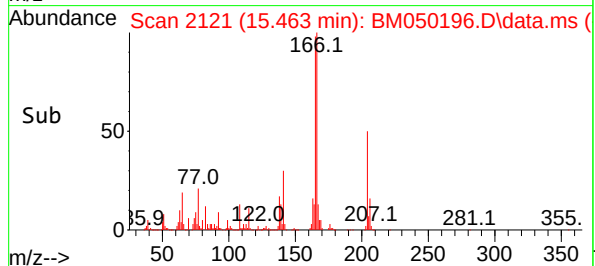
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 196034
Ion Ratio Lower Upper
204 100
206 31.8 25.4 38.0
141 59.4 47.9 71.9

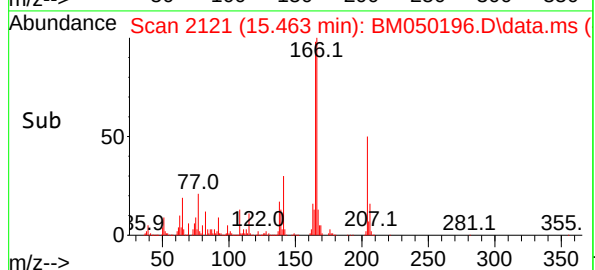
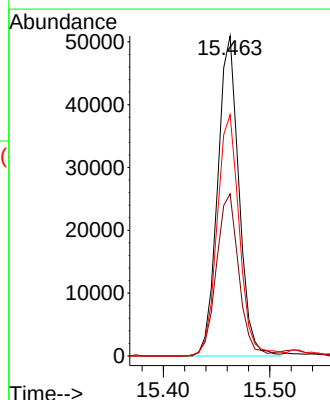
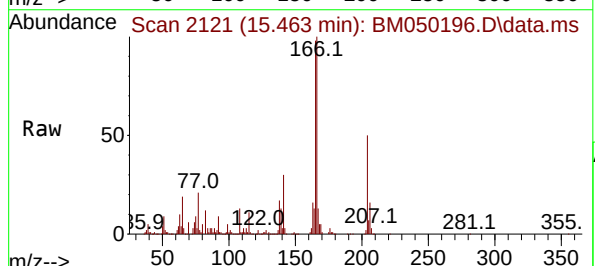
Manual Integrations
APPROVED

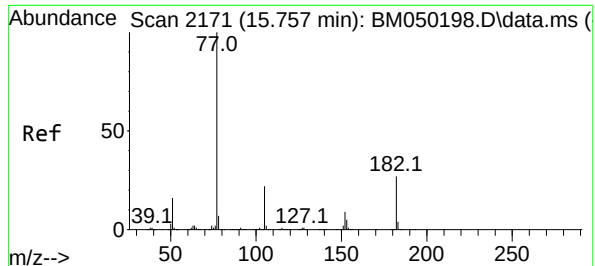
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#62
4-Nitroaniline
Concen: 8.281 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

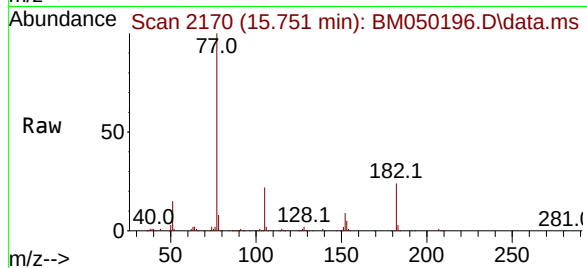
Tgt Ion:138 Resp: 70517
Ion Ratio Lower Upper
138 100
92 50.6 28.8 68.8
108 75.4 58.1 98.1





#63
Azobenzene
Concen: 9.913 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

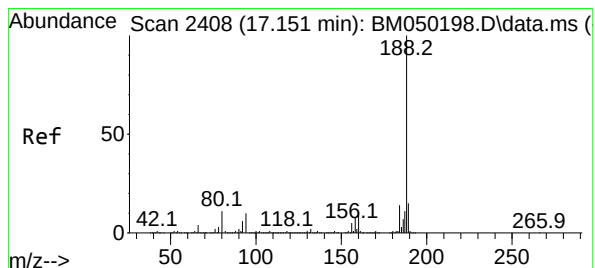
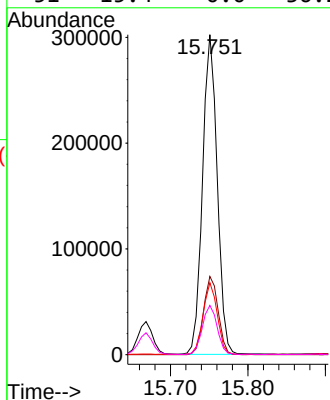
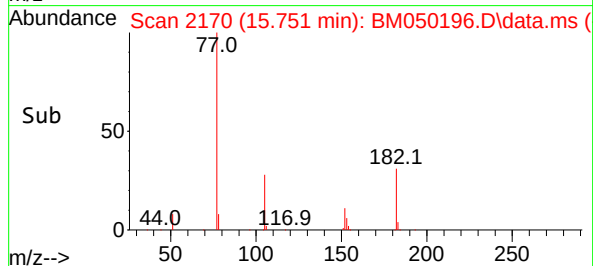
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 397398
Ion Ratio Lower Upper
77 100
182 24.5 6.8 46.8
105 22.5 1.7 41.7
51 15.4 0.0 36.2

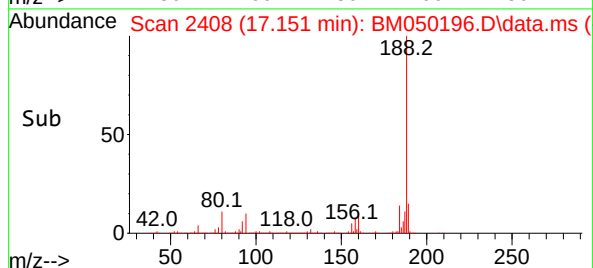
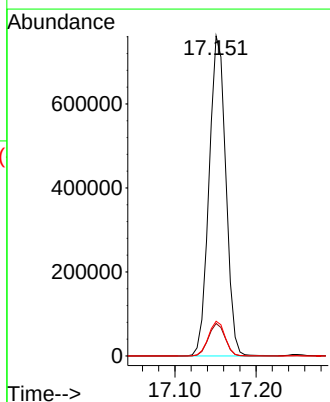
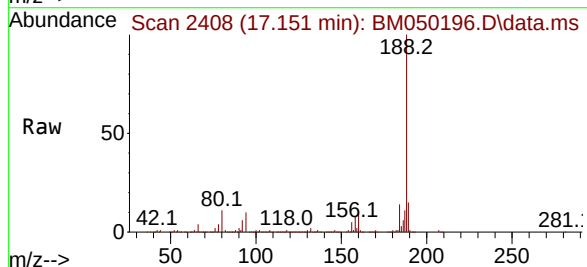
Manual Integrations
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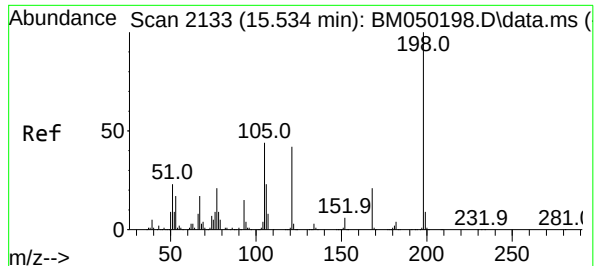
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

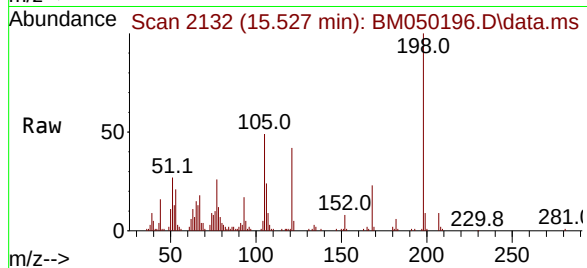
Tgt Ion:188 Resp: 1092132
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.9 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 6.823 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

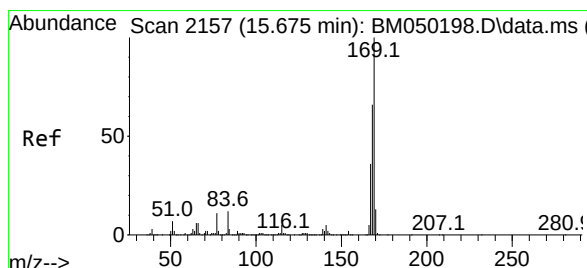
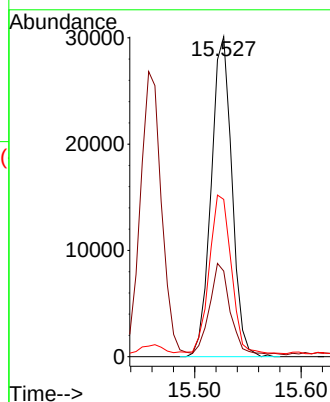
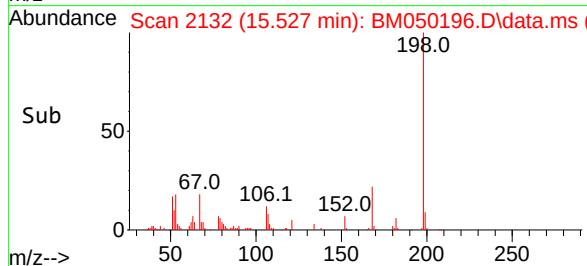
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 40695
Ion Ratio Lower Upper
198 100
51 26.7 4.5 44.5
105 49.2 24.9 64.9

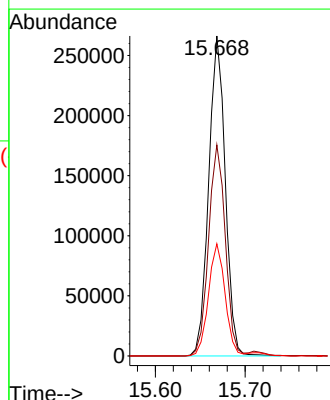
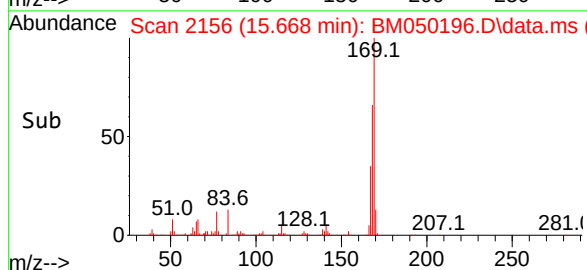
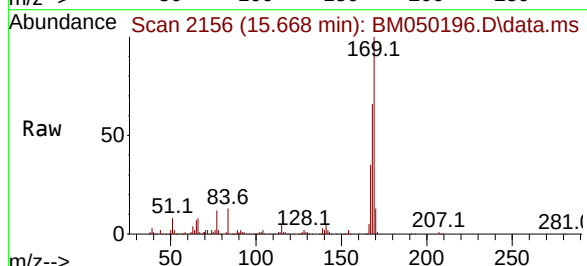
Manual Integrations
APPROVED

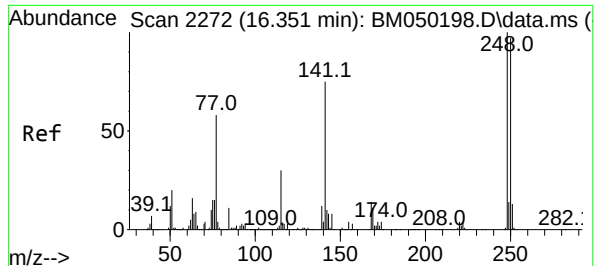
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#66
n-Nitrosodiphenylamine
Concen: 9.957 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

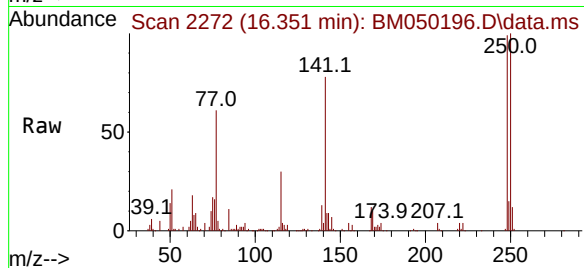
Tgt Ion:169 Resp: 341695
Ion Ratio Lower Upper
169 100
168 66.0 53.1 79.7
167 35.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 9.568 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

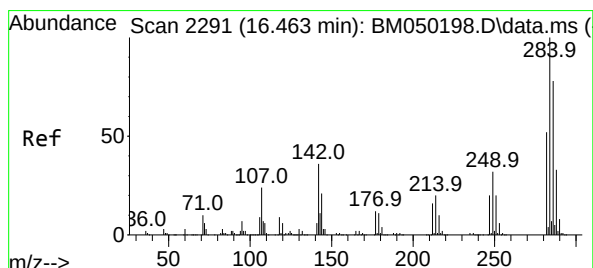
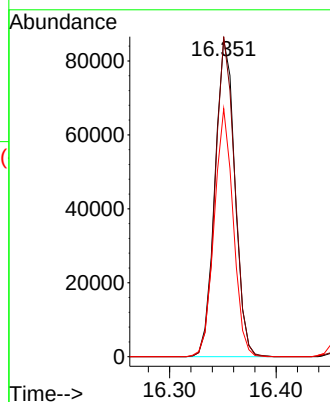
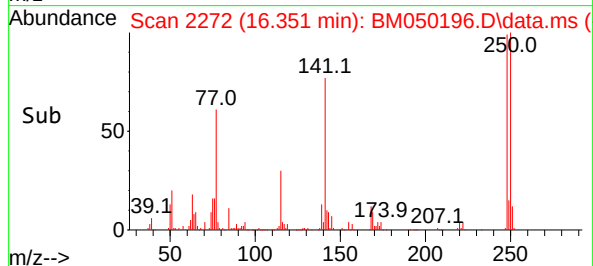
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



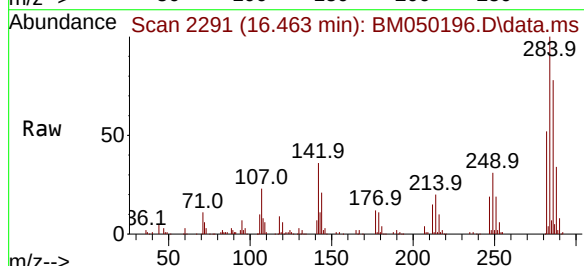
Tgt Ion:248 Resp: 111429
Ion Ratio Lower Upper
248 100
250 100.9 78.0 117.0
141 78.2 60.1 90.1

Manual Integrations
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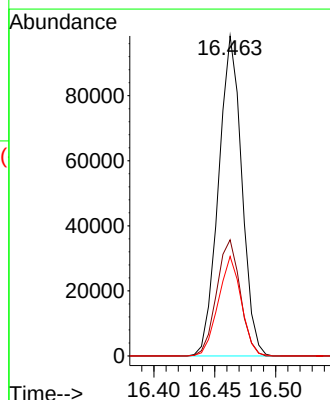
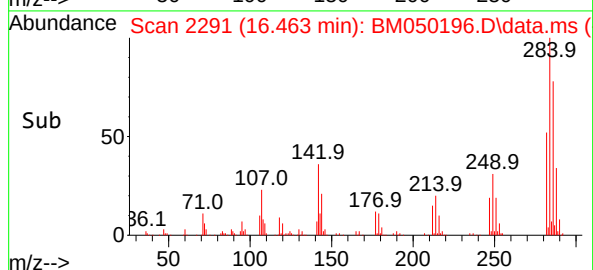
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

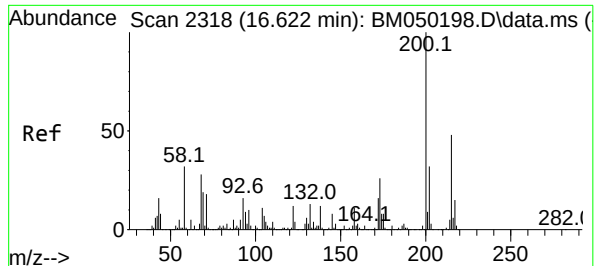


#68
Hexachlorobenzene
Concen: 9.622 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38



Tgt Ion:284 Resp: 130925
Ion Ratio Lower Upper
284 100
142 36.3 28.8 43.2
249 31.1 25.8 38.6





#69

Atrazine

Concen: 8.846 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 96720

Ion Ratio Lower Upper

200 100

173 26.4 6.0 46.0

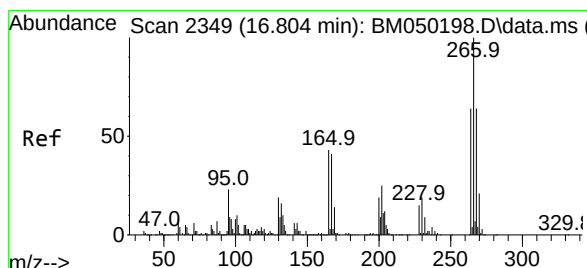
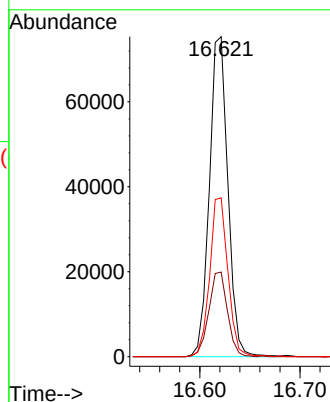
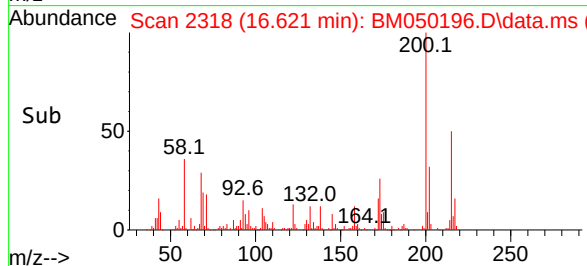
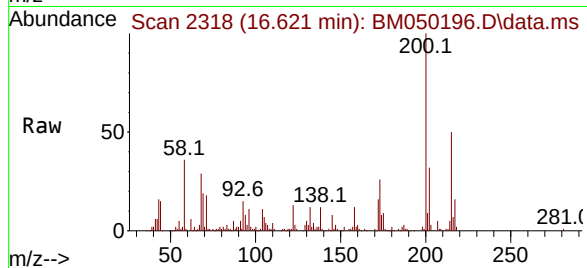
215 49.6 28.1 68.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#70

Pentachlorophenol

Concen: 8.513 ng

RT: 16.798 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

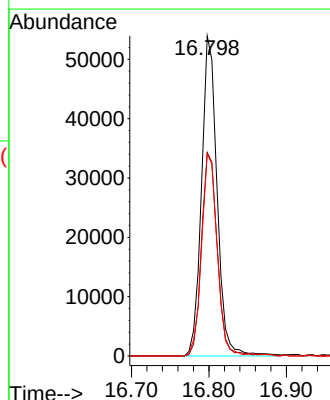
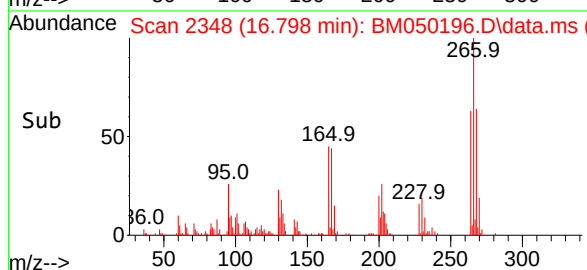
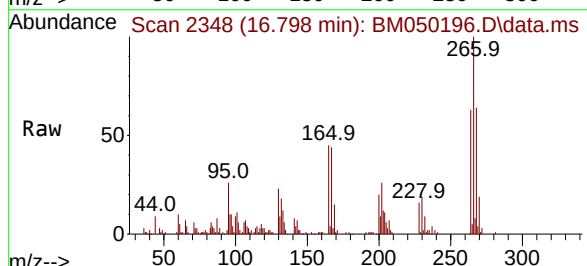
Tgt Ion:266 Resp: 75315

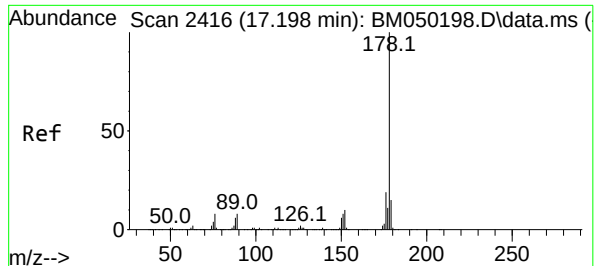
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

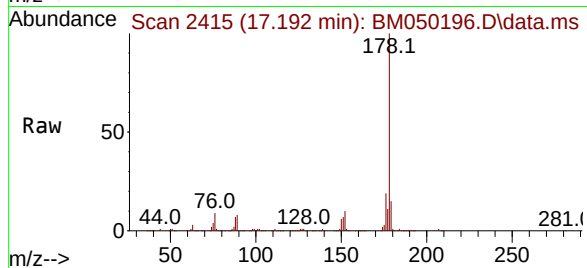
264 63.1 50.8 76.2





#71
Phenanthrene
Concen: 10.114 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

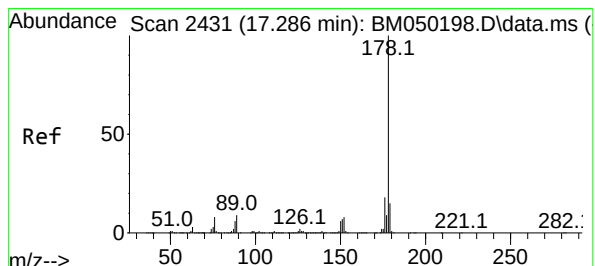
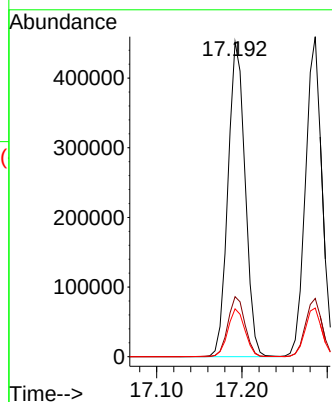
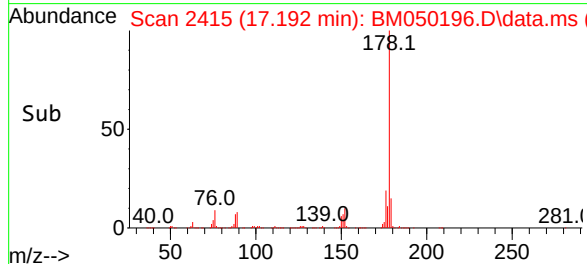
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 63098
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.2 12.3 18.5

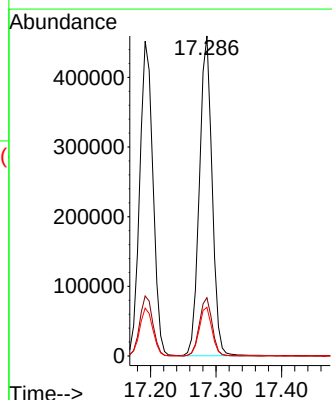
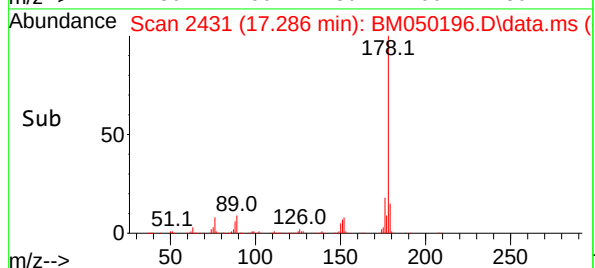
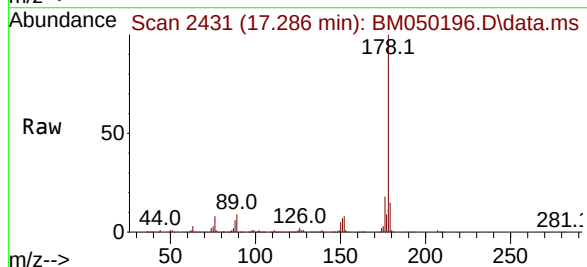
Manual Integrations
APPROVED

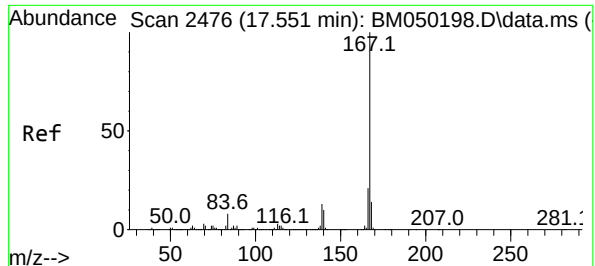
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#72
Anthracene
Concen: 9.926 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

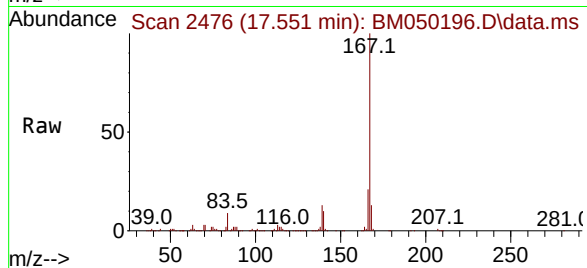
Tgt Ion:178 Resp: 619530
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.2 12.3 18.5





#73
Carbazole
Concen: 9.629 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

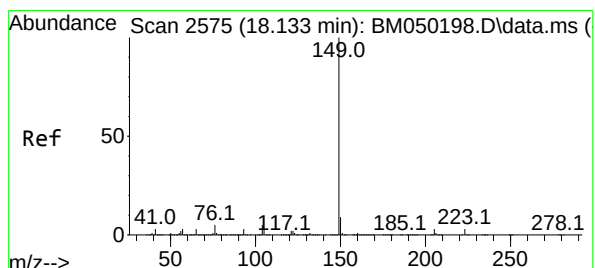
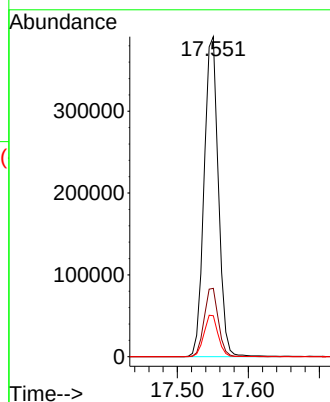
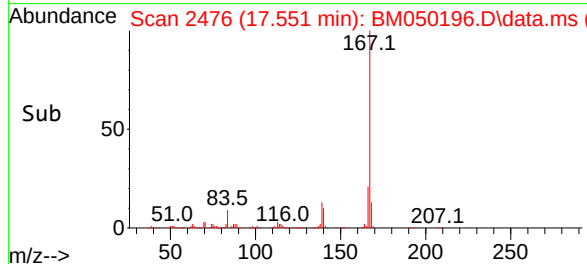
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 54751
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 12.8 10.2 15.4

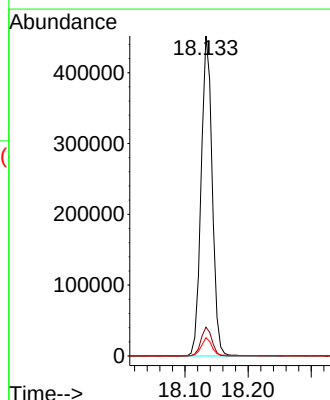
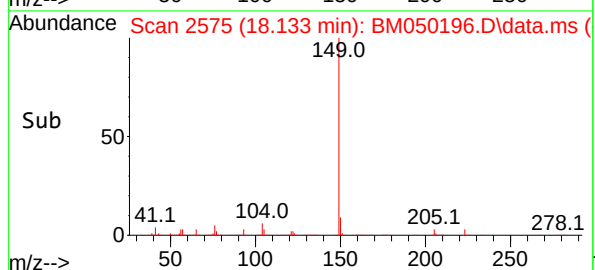
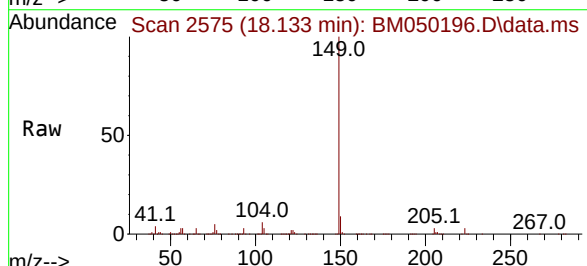
Manual Integrations
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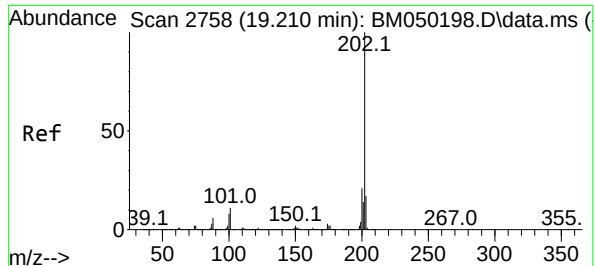
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#74
Di-n-butylphthalate
Concen: 8.885 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

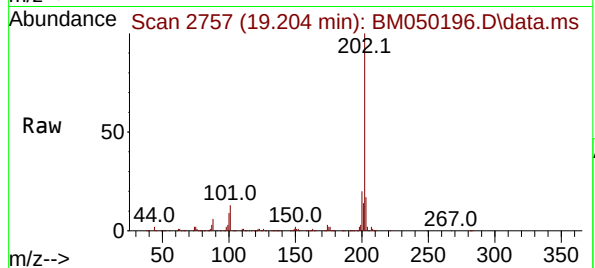
Tgt Ion:149 Resp: 549702
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.7 4.0 6.0





#75
Fluoranthene
Concen: 9.457 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

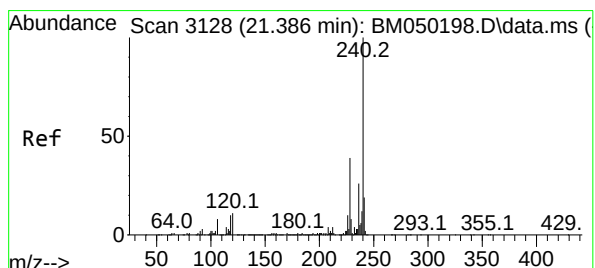
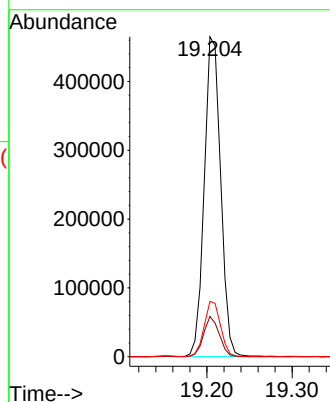
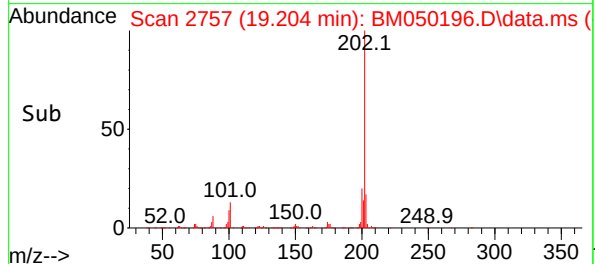
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 622189
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.1
203 17.3 0.0 37.0

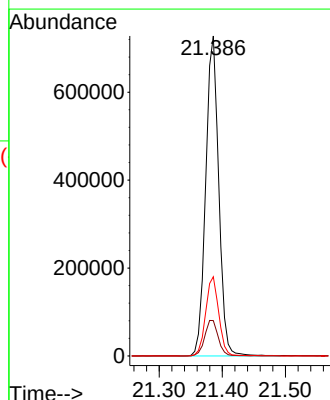
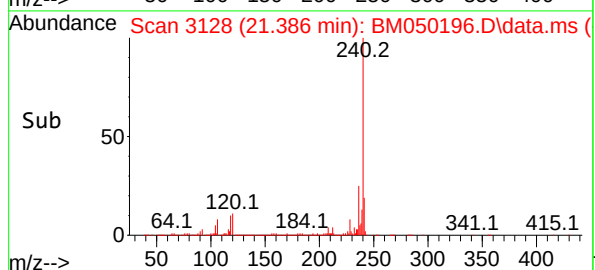
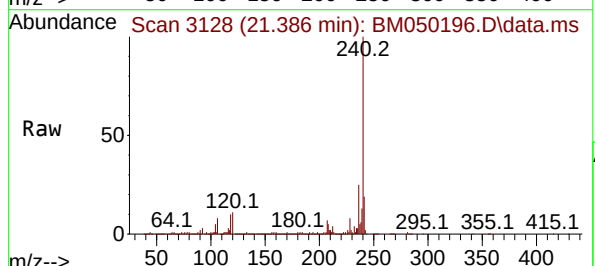
Manual Integrations
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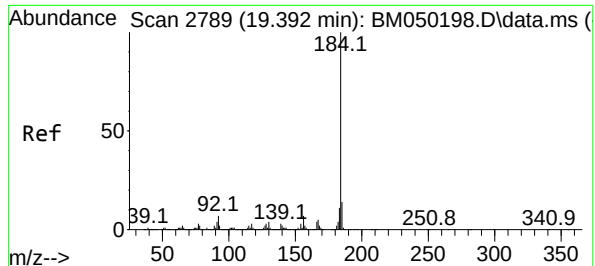
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

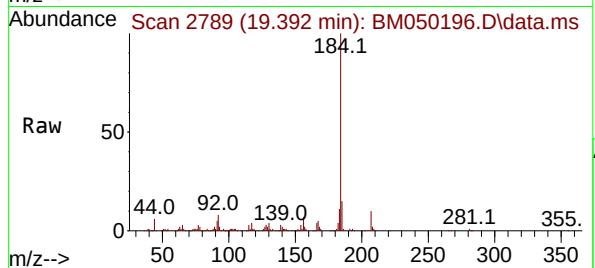
Tgt Ion:240 Resp: 1044209
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 24.8 20.7 31.1





#77
Benzidine
Concen: 6.780 ng
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

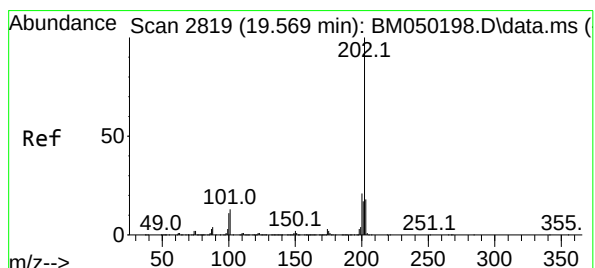
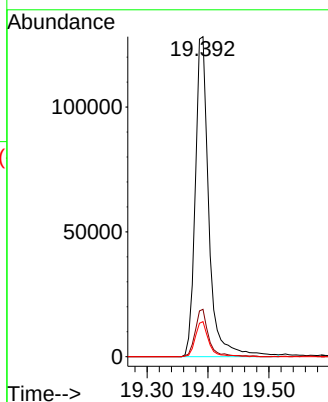
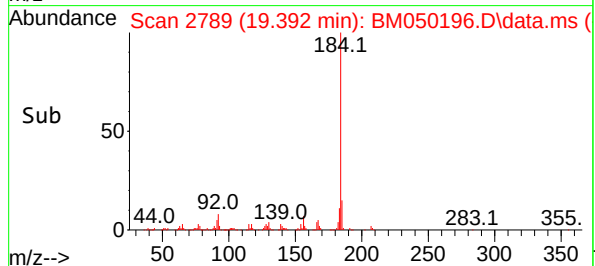
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 19908
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.0 9.0 13.4

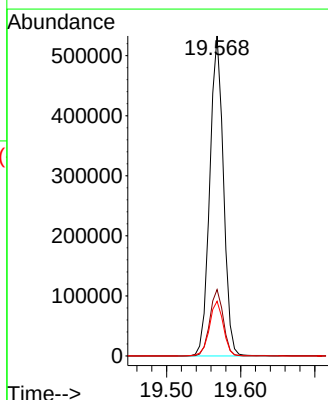
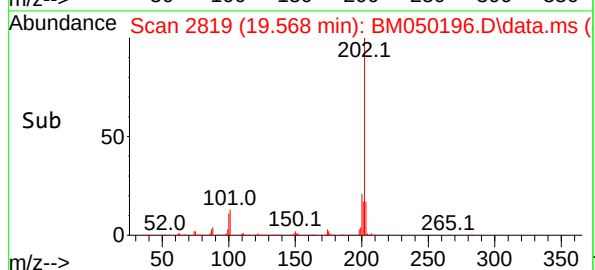
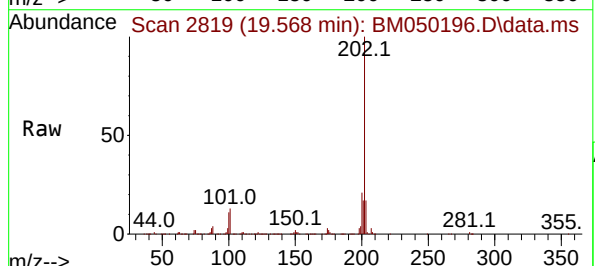
Manual Integrations
APPROVED

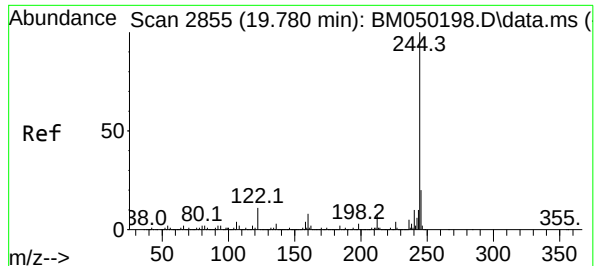
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#78
Pyrene
Concen: 9.692 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

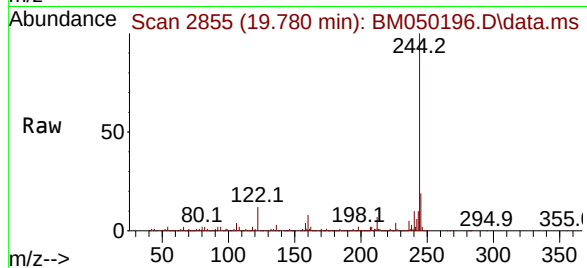
Tgt Ion:202 Resp: 682132
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.1 14.1 21.1





#79
Terphenyl-d14
Concen: 20.625 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

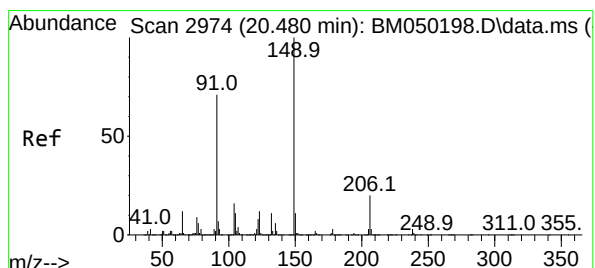
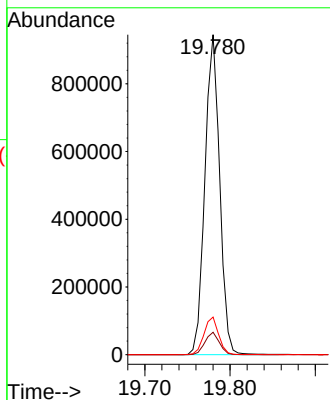
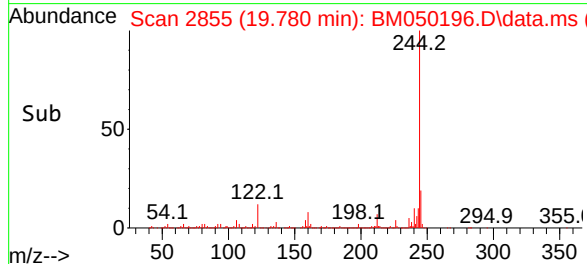
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 113647
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 11.7 8.6 12.8

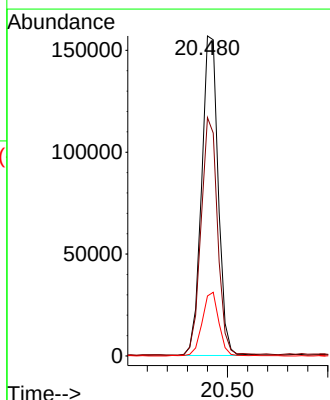
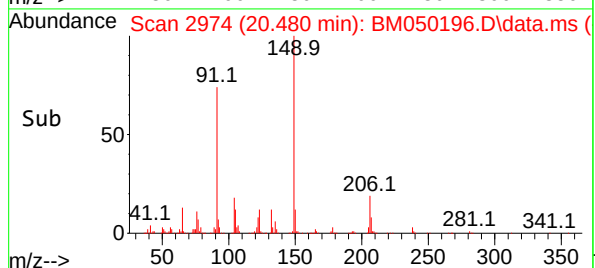
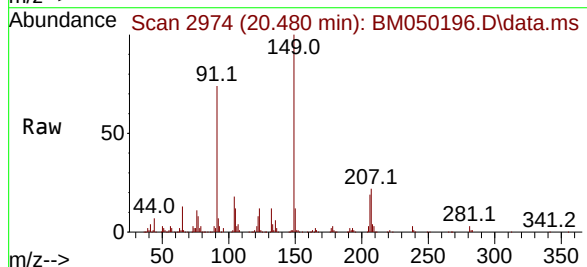
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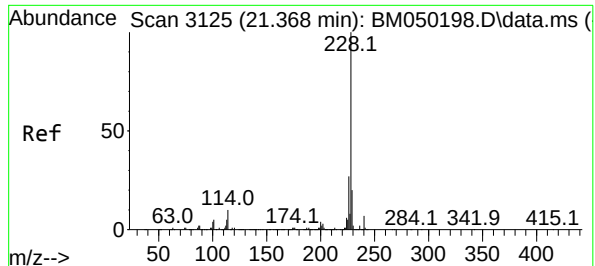
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#80
Butylbenzylphthalate
Concen: 7.723 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

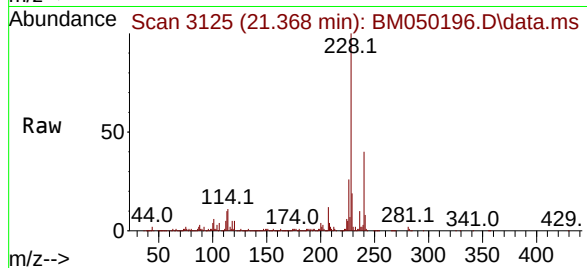
Tgt Ion:149 Resp: 181298
Ion Ratio Lower Upper
149 100
91 74.5 56.9 85.3
206 18.8 16.1 24.1





#81
Benzo(a)anthracene
Concen: 9.725 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

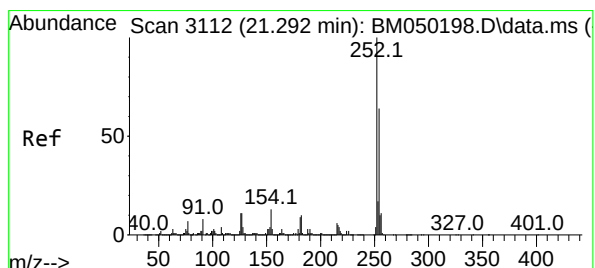
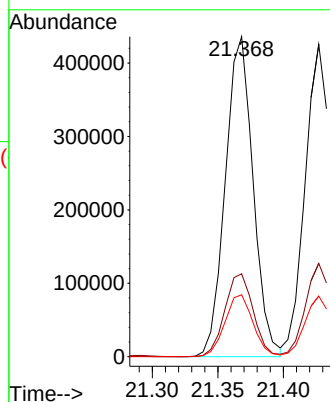
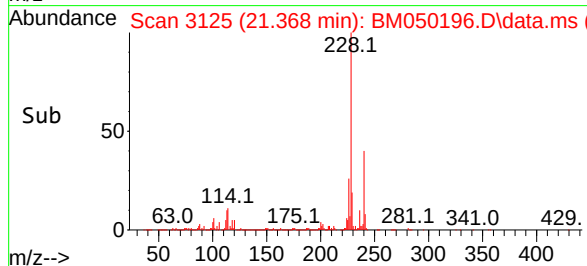
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 642785
Ion Ratio Lower Upper
228 100
226 25.9 21.7 32.5
229 19.3 15.7 23.5

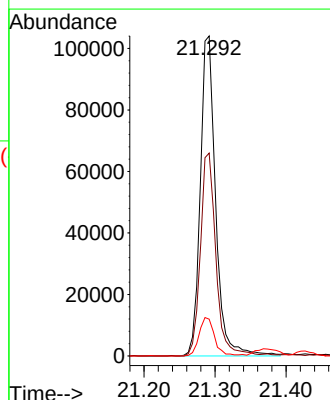
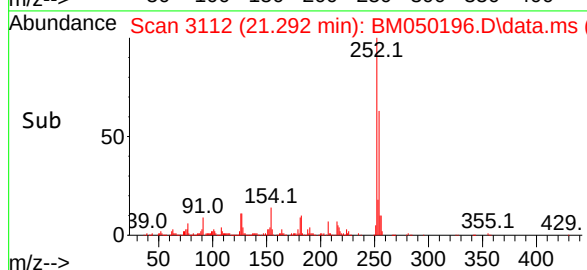
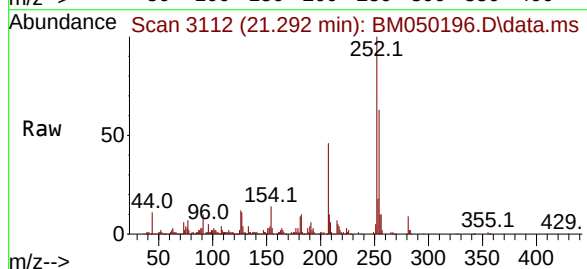
Manual Integrations
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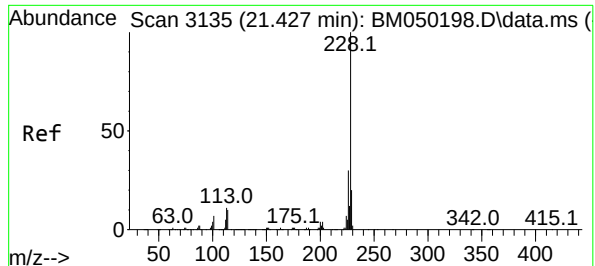
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 7.803 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:252 Resp: 157266
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 11.5 8.6 12.8





#83

Chrysene

Concen: 9.836 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 618398

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

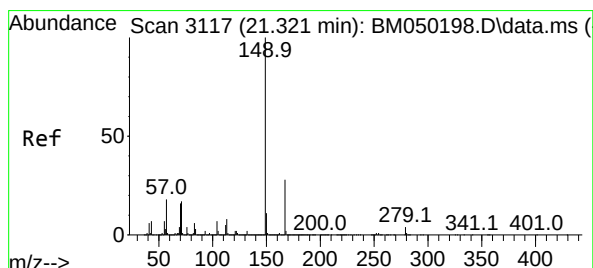
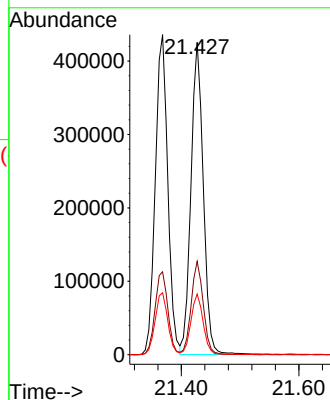
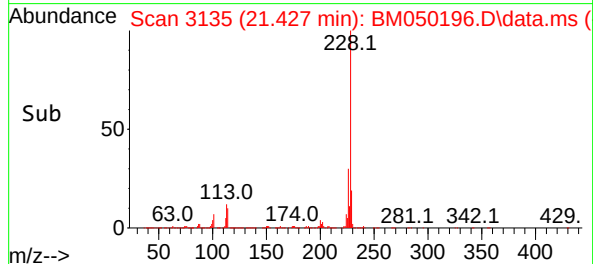
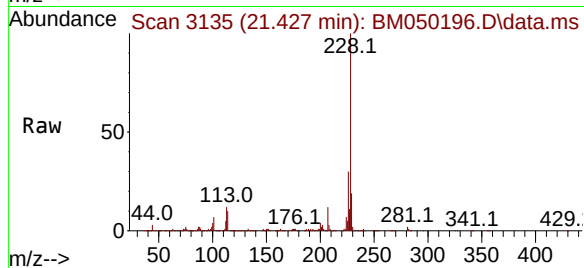
229 19.4 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.291 ng

RT: 21.321 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

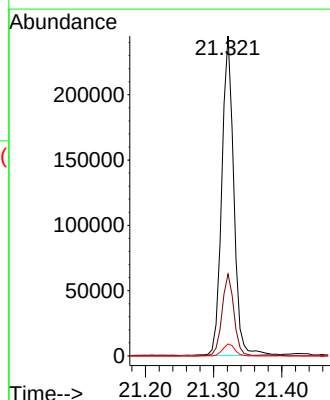
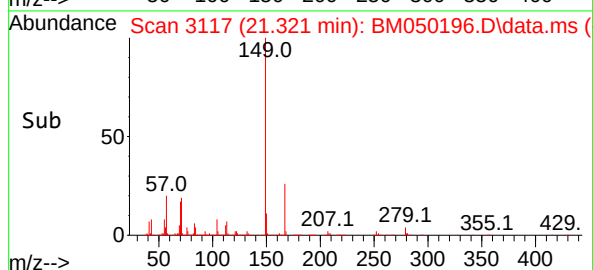
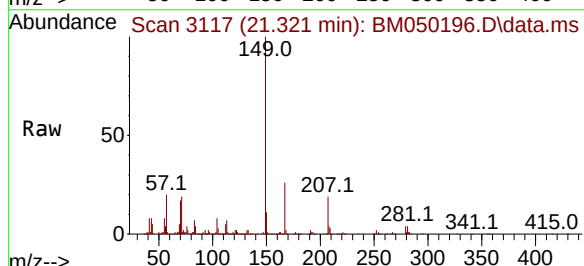
Tgt Ion:149 Resp: 299821

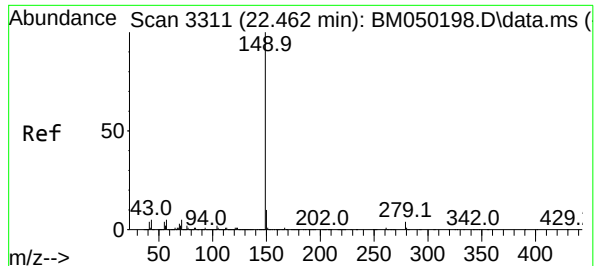
Ion Ratio Lower Upper

149 100

167 25.6 22.3 33.5

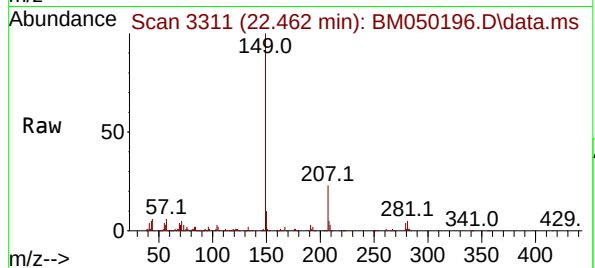
279 3.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 7.094 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

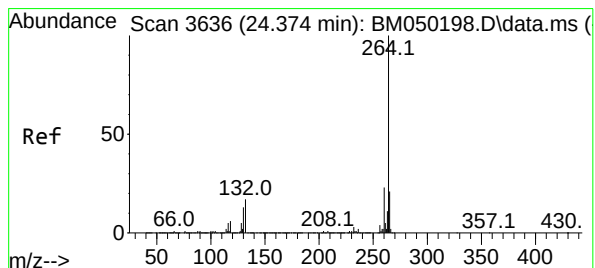
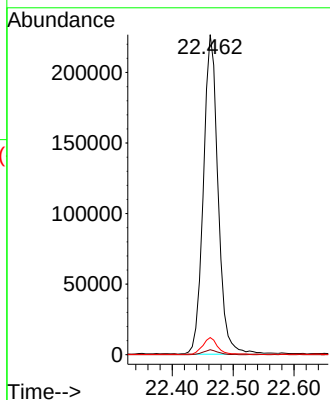
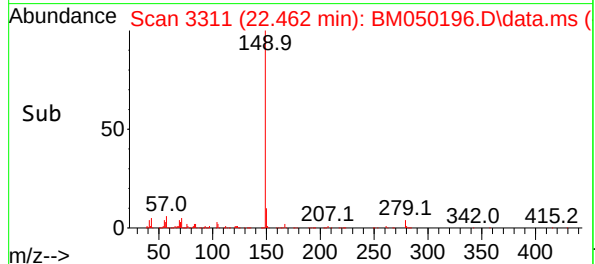
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 38068
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.2 3.8 5.8

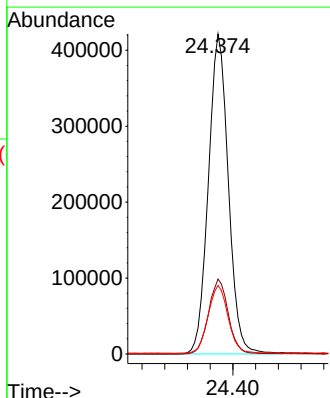
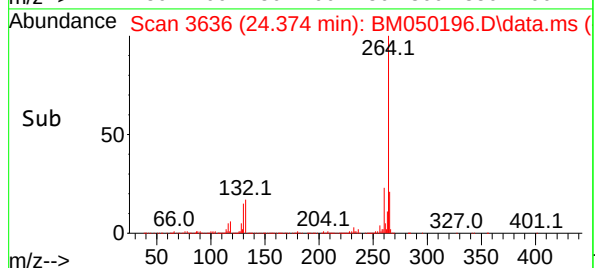
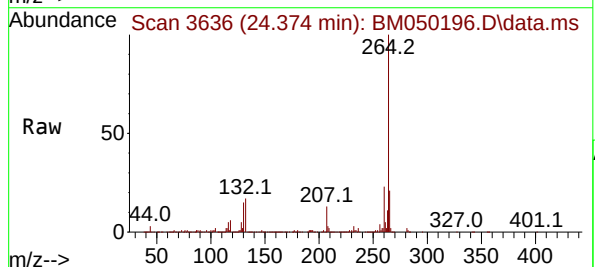
Manual Integrations
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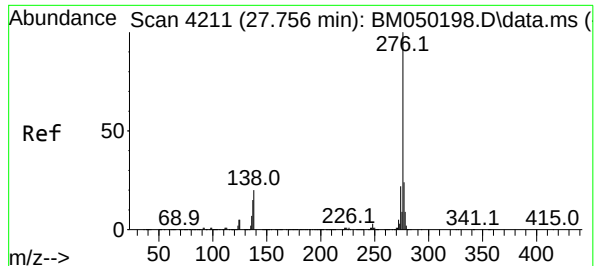
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

Tgt Ion:264 Resp: 1027174
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.189 ng

RT: 27.738 min Scan# 4211

Delta R.T. -0.018 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 60772

Ion Ratio Lower Upper

276 100

138 17.5 20.6 30.8

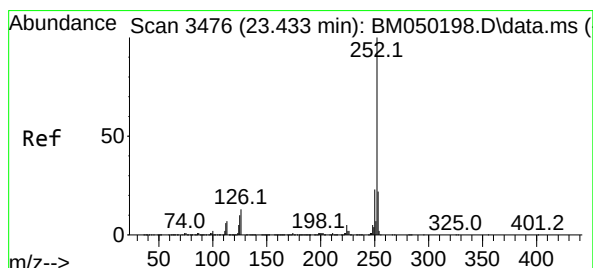
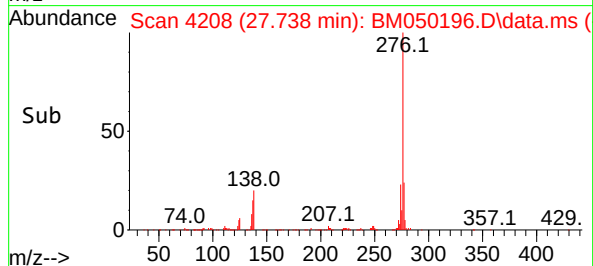
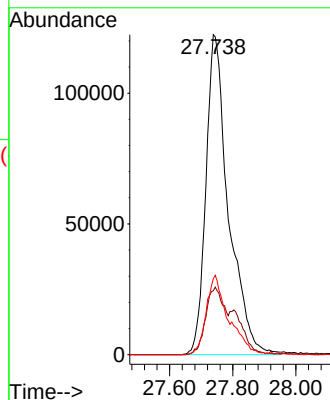
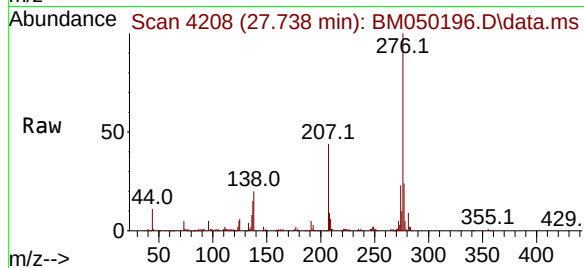
277 24.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#88

Benzo(b)fluoranthene

Concen: 9.306 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

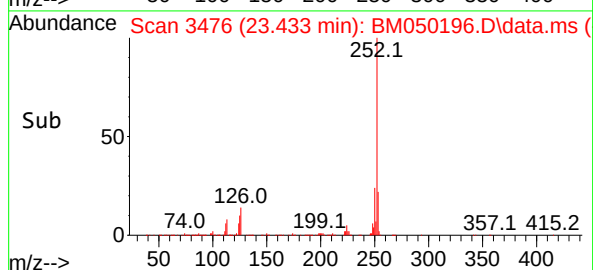
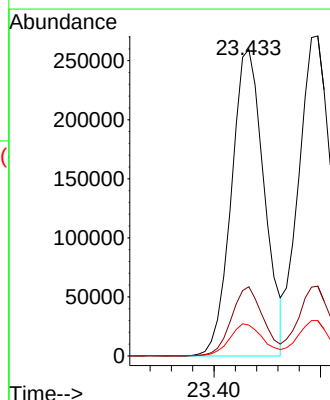
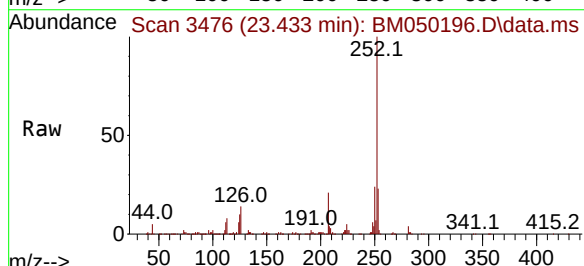
Tgt Ion:252 Resp: 555747

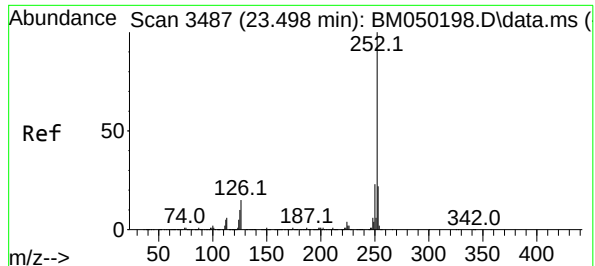
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 9.677 ng

RT: 23.497 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 58993

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

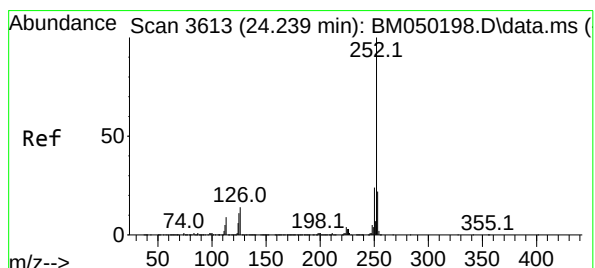
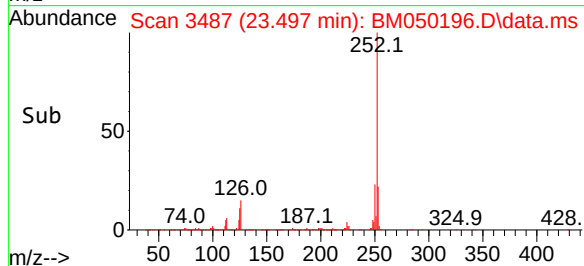
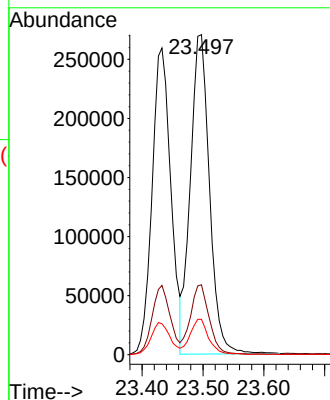
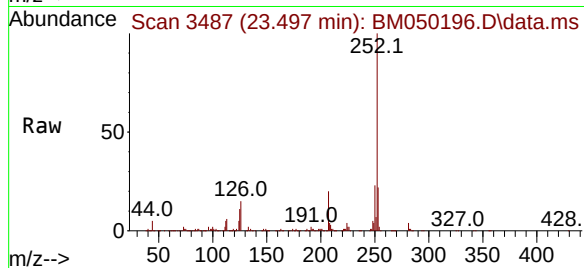
125 11.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#90

Benzo(a)pyrene

Concen: 9.211 ng

RT: 24.233 min Scan# 3612

Delta R.T. -0.006 min

Lab File: BM050196.D

Acq: 05 Jun 2025 10:38

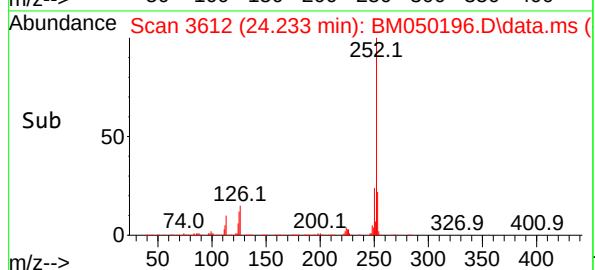
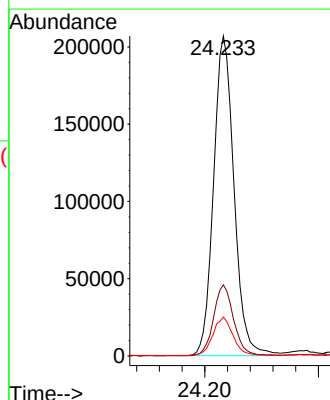
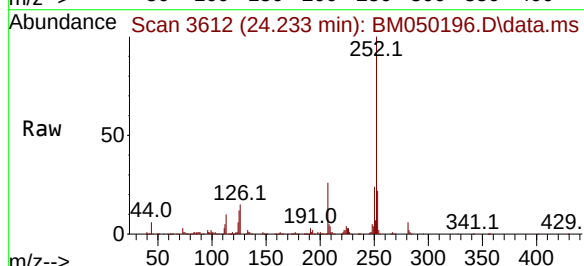
Tgt Ion:252 Resp: 517175

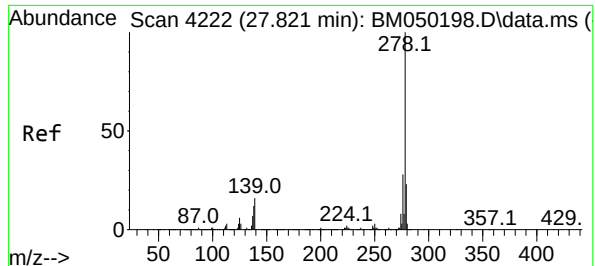
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

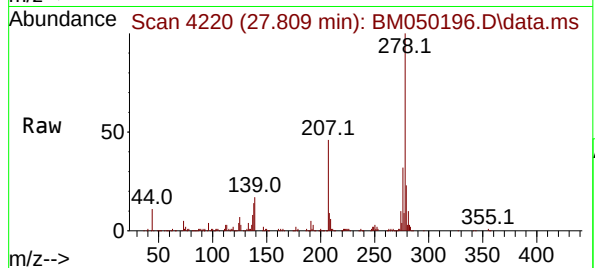
125 12.2 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 9.245 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

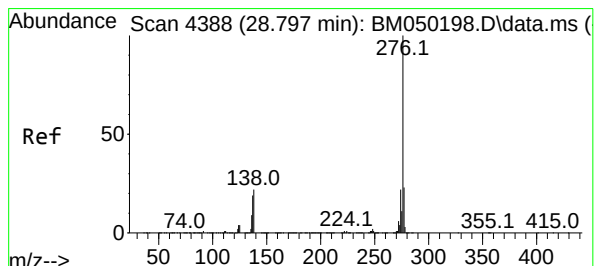
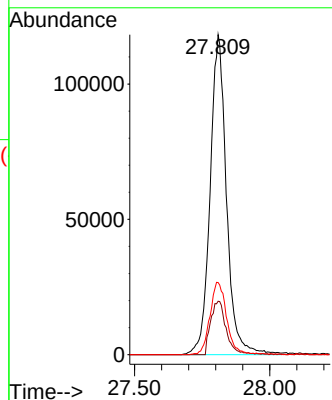
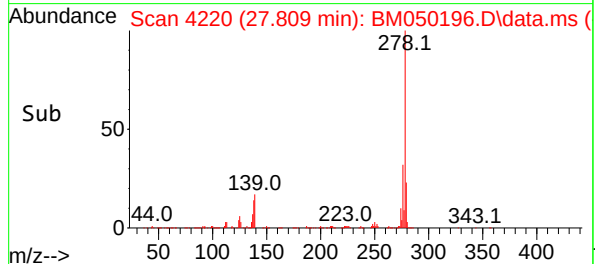
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



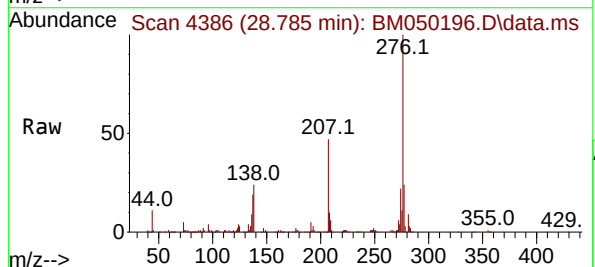
Tgt Ion:278 Resp: 496324
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 22.6 18.6 28.0

Manual Integrations
APPROVED

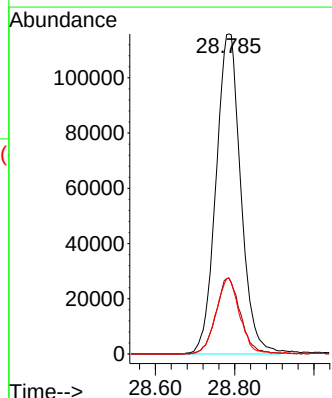
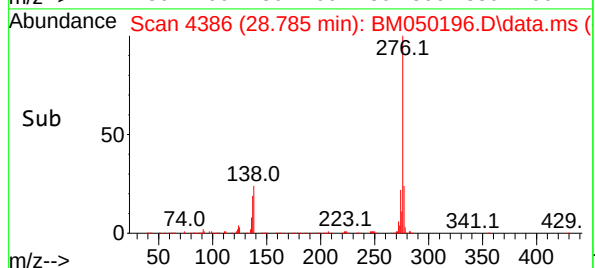
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#92
Benzo(g,h,i)perylene
Concen: 9.347 ng
RT: 28.785 min Scan# 4386
Delta R.T. -0.012 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38



Tgt Ion:276 Resp: 502232
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 23.8 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050197.D
 Acq On : 05 Jun 2025 11:17
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:25 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 05 14:55:18 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	277976	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1171357	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	720692	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1364843	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1240830	20.000	ng	0.00
86) Perylene-d12	24.374	264	1156806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	662532	39.759	ng	0.00
7) Phenol-d6	6.946	99	899139	40.989	ng	0.00
23) Nitrobenzene-d5	8.934	82	917335	40.730	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	342402	41.770	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2208837	41.494	ng	0.00
79) Terphenyl-d14	19.780	244	2892092	44.169	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	143316	19.620	ng	99
3) Pyridine	3.681	79	380901	20.136	ng	99
4) n-Nitrosodimethylamine	3.593	42	77508	19.815	ng	# 97
6) Aniline	7.110	93	596745	20.578	ng	100
8) 2-Chlorophenol	7.352	128	373594	20.382	ng	99
9) Benzaldehyde	6.928	77	299039m	21.441	ng	
10) Phenol	6.975	94	475205	20.474	ng	100
11) bis(2-Chloroethyl)ether	7.210	93	383515	20.543	ng	99
12) 1,3-Dichlorobenzene	7.681	146	414543	20.230	ng	98
13) 1,4-Dichlorobenzene	7.822	146	434797	20.394	ng	99
14) 1,2-Dichlorobenzene	8.140	146	414769	20.407	ng	99
15) Benzyl Alcohol	8.022	79	320142	20.462	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	270693	20.873	ng	98
17) 2-Methylphenol	8.222	107	314991	20.568	ng	97
18) Hexachloroethane	8.869	117	153532	19.885	ng	99
19) n-Nitroso-di-n-propyla...	8.593	70	297971	22.197	ng	98
20) 3+4-Methylphenols	8.546	107	426134	20.798	ng	98
22) Acetophenone	8.605	105	605945	20.706	ng	# 98
24) Nitrobenzene	8.975	77	420036	20.506	ng	97
25) Isophorone	9.504	82	802320	20.639	ng	100
26) 2-Nitrophenol	9.687	139	170594	19.294	ng	97
27) 2,4-Dimethylphenol	9.752	122	368697	20.275	ng	98
28) bis(2-Chloroethoxy)met...	9.993	93	523393	20.610	ng	99
29) 2,4-Dichlorophenol	10.222	162	338221	20.118	ng	99
30) 1,2,4-Trichlorobenzene	10.440	180	375562	20.074	ng	99
31) Naphthalene	10.628	128	1236626	20.419	ng	100
32) Benzoic acid	9.840	122	205878	18.032	ng	99
33) 4-Chloroaniline	10.728	127	531493	20.585	ng	99
34) Hexachlorobutadiene	10.922	225	221558	19.910	ng	99
35) Caprolactam	11.481	113	109175	20.483	ng	98
36) 4-Chloro-3-methylphenol	11.851	107	366554	20.433	ng	99
37) 2-Methylnaphthalene	12.240	142	752886	20.607	ng	98
38) 1-Methylnaphthalene	12.457	142	806687	20.803	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	421559	20.257	ng	100
41) Hexachlorocyclopentadiene	12.598	237	244251	19.326	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	273306	19.971	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050197.D
 Acq On : 05 Jun 2025 11:17
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:25 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 05 14:55:18 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	305541	20.334	ng	98
46) 1,1'-Biphenyl	13.251	154	1091201	20.221	ng	98
47) 2-Chloronaphthalene	13.292	162	850349	20.269	ng	99
48) 2-Nitroaniline	13.481	65	181276	19.634	ng	96
49) Acenaphthylene	14.139	152	1398350	20.607	ng	99
50) Dimethylphthalate	13.875	163	1007787	20.677	ng	100
51) 2,6-Dinitrotoluene	13.981	165	204779	20.834	ng	96
52) Acenaphthene	14.481	154	854295	20.128	ng	99
53) 3-Nitroaniline	14.304	138	224884	20.528	ng	97
54) 2,4-Dinitrophenol	14.510	184	94248	19.130	ng	98
55) Dibenzofuran	14.816	168	1279459	20.605	ng	98
56) 4-Nitrophenol	14.604	139	191313	20.518	ng	100
57) 2,4-Dinitrotoluene	14.769	165	263119	20.293	ng	99
58) Fluorene	15.463	166	1004752	21.126	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	266423	20.493	ng	92
60) Diethylphthalate	15.245	149	1020737	21.107	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	480887	20.921	ng	99
62) 4-Nitroaniline	15.463	138	210030	20.456	ng	98
63) Azobenzene	15.751	77	1019944	21.101	ng	97
65) 4,6-Dinitro-2-methylph...	15.528	198	138015	18.514	ng	97
66) n-Nitrosodiphenylamine	15.669	169	872651	20.349	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	293588	20.172	ng	99
68) Hexachlorobenzene	16.463	284	345929	20.343	ng	99
69) Atrazine	16.622	200	281360	20.591	ng	98
70) Pentachlorophenol	16.798	266	225494	20.396	ng	98
71) Phenanthrene	17.192	178	1583183	20.305	ng	99
72) Anthracene	17.286	178	1603637	20.560	ng	99
73) Carbazole	17.551	167	1450582	20.414	ng	99
74) Di-n-butylphthalate	18.133	149	1619797	20.950	ng	100
75) Fluoranthene	19.210	202	1679948	20.431	ng	99
77) Benzidine	19.392	184	704620	20.194	ng	99
78) Pyrene	19.569	202	1791963	21.427	ng	100
80) Butylbenzylphthalate	20.480	149	570581	20.453	ng	98
81) Benzo(a)anthracene	21.363	228	1610203	20.502	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	470294	19.636	ng	98
83) Chrysene	21.427	228	1519821	20.343	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	871329	20.277	ng	98
85) Di-n-octyl phthalate	22.457	149	1161953	18.223	ng	99
87) Indeno(1,2,3-cd)pyrene	27.739	276	1450383	19.472	ng	# 91
88) Benzo(b)fluoranthene	23.427	252	1393549	20.720	ng	99
89) Benzo(k)fluoranthene	23.492	252	1413975	20.594	ng	100
90) Benzo(a)pyrene	24.233	252	1284647	20.315	ng	98
91) Dibenzo(a,h)anthracene	27.809	278	1181274	19.538	ng	99
92) Benzo(g,h,i)perylene	28.791	276	1171360	19.358	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050197.D
 Acq On : 05 Jun 2025 11:17
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

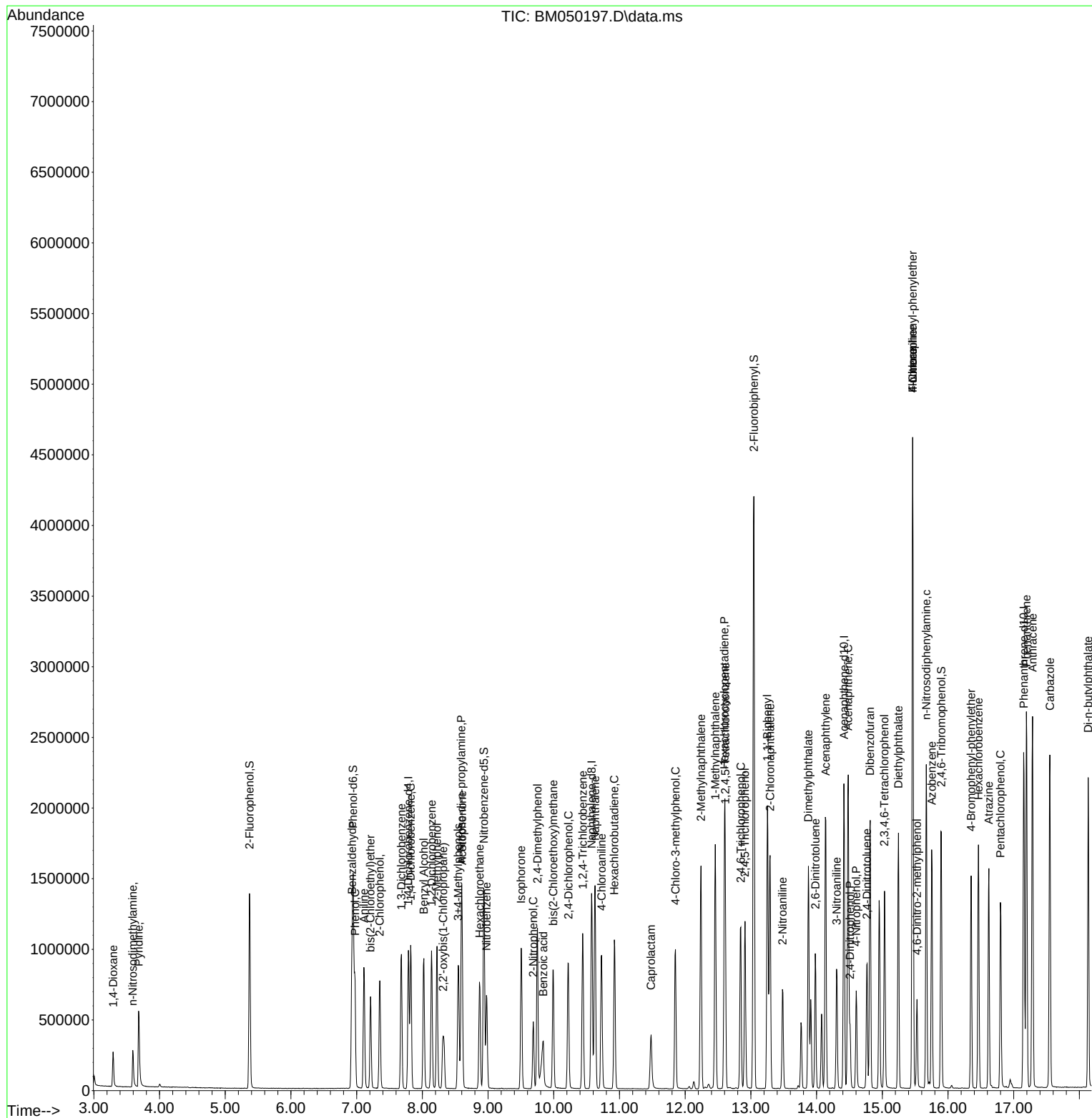
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration



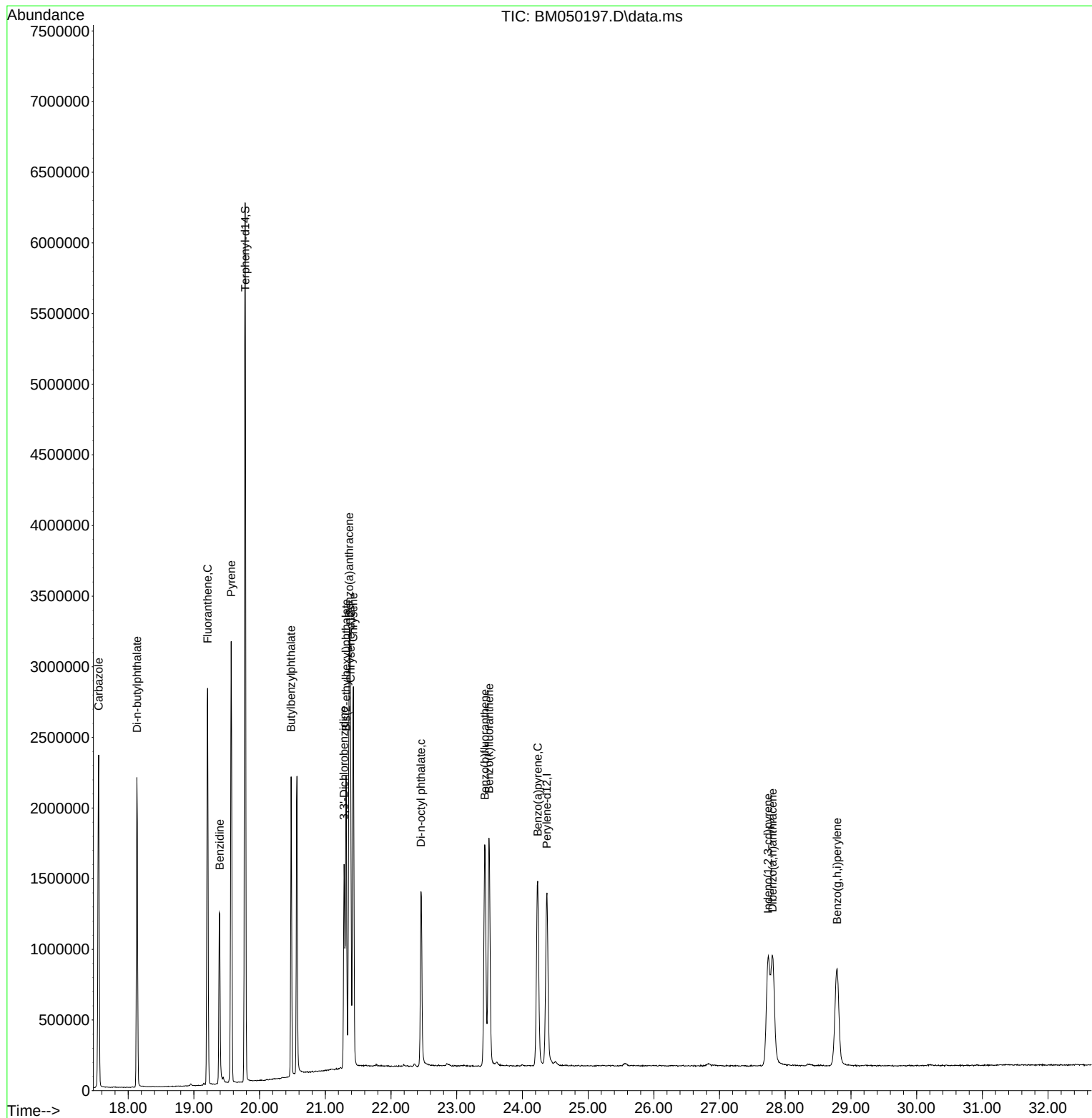
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Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

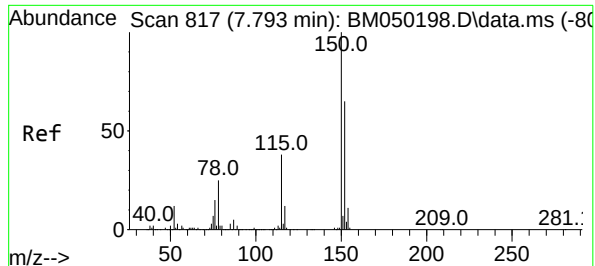
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

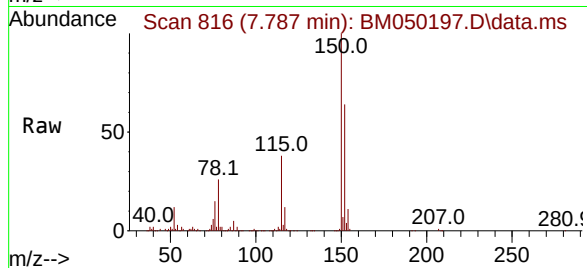
Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

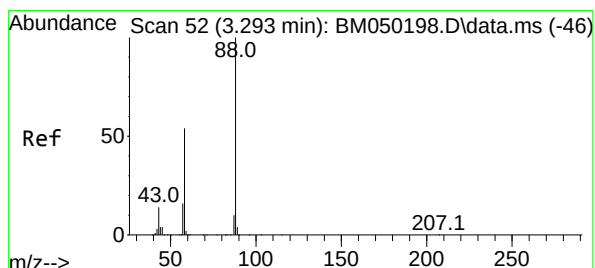
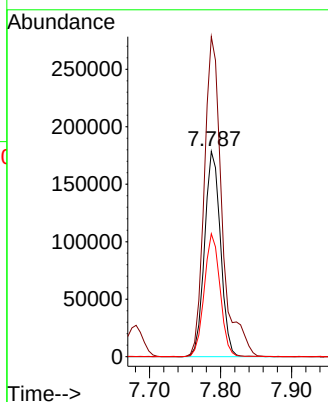
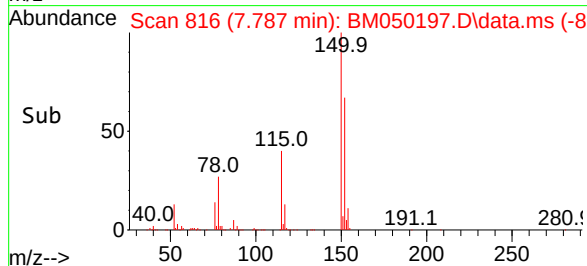
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 277970
Ion Ratio Lower Upper
152 100
150 155.9 122.2 183.4
115 59.9 46.3 69.5

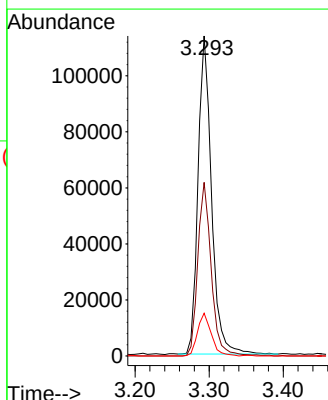
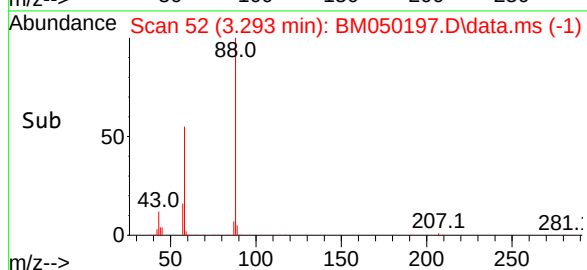
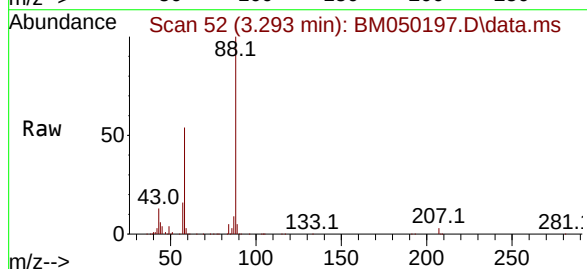
Manual Integrations
APPROVED

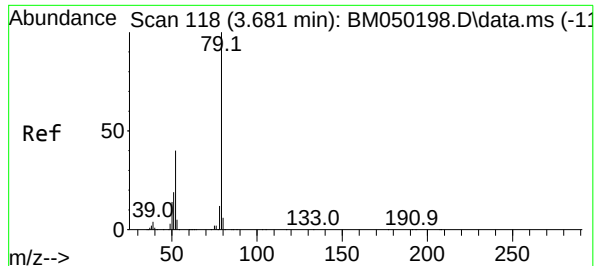
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#2
1,4-Dioxane
Concen: 19.620 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

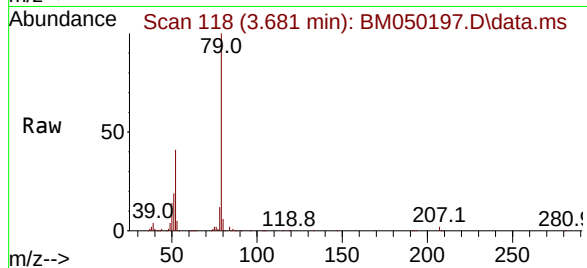
Tgt Ion: 88 Resp: 143316
Ion Ratio Lower Upper
88 100
58 54.4 42.9 64.3
43 13.7 11.0 16.6





#3
Pyridine
Concen: 20.136 ng
RT: 3.681 min Scan# 118
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

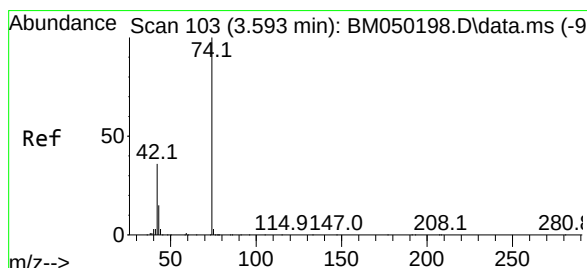
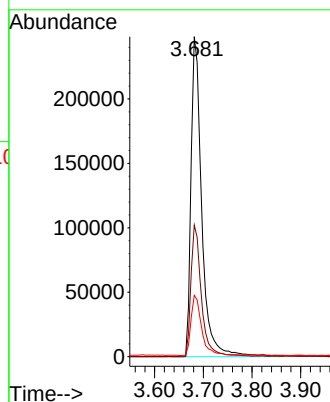
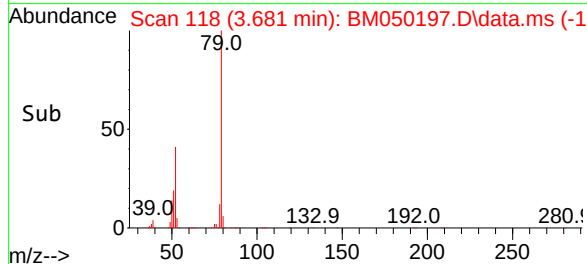
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 38090
Ion Ratio Lower Upper
79 100
52 41.1 32.1 48.1
51 19.2 15.4 23.0

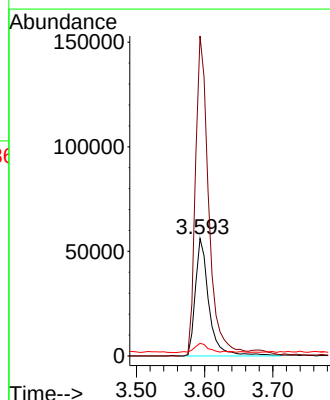
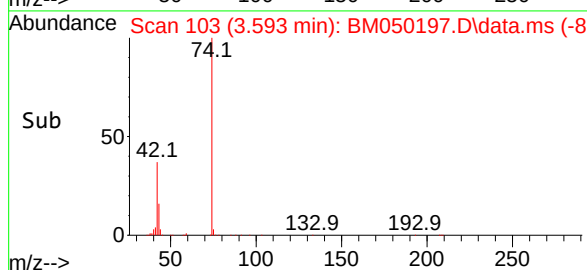
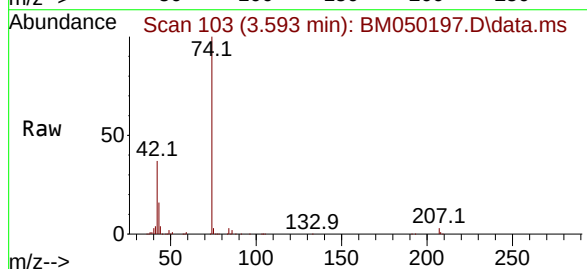
Manual Integrations
APPROVED

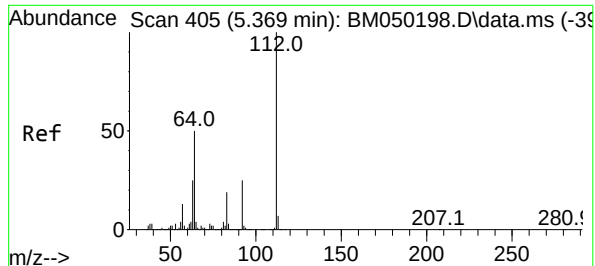
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#4
n-Nitrosodimethylamine
Concen: 19.815 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

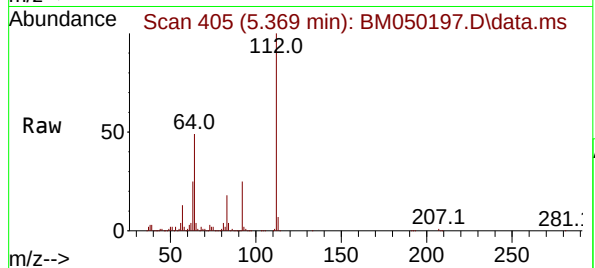
Tgt Ion: 42 Resp: 77508
Ion Ratio Lower Upper
42 100
74 272.5 222.0 333.0
44 10.8 7.0 10.6





#5
2-Fluorophenol
Concen: 39.759 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

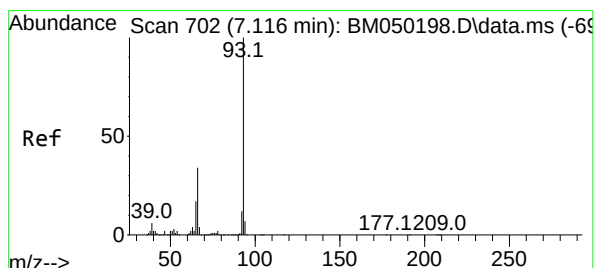
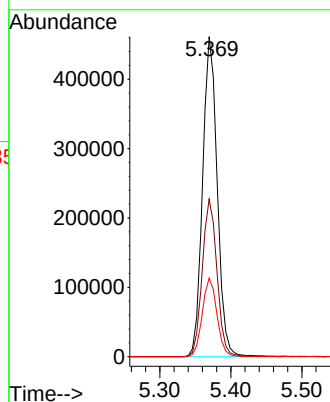
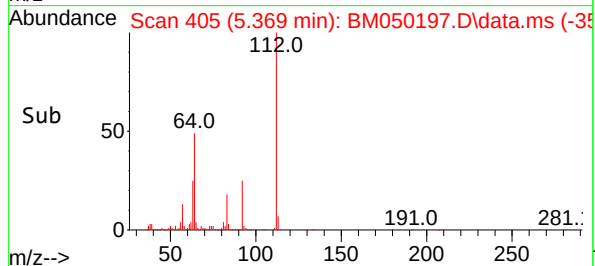
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 662532
Ion Ratio Lower Upper
112 100
64 49.2 39.8 59.6
63 24.5 19.8 29.8

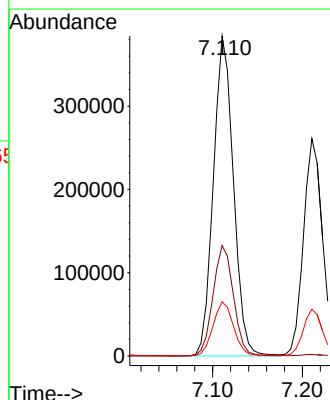
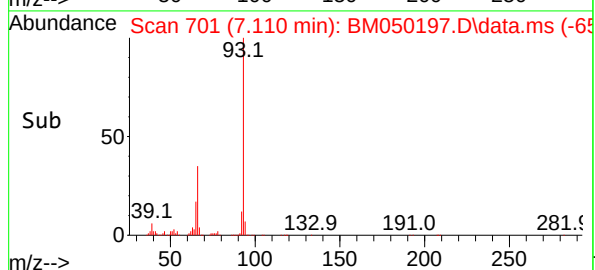
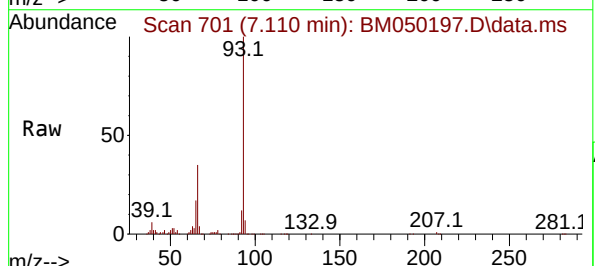
Manual Integrations
APPROVED

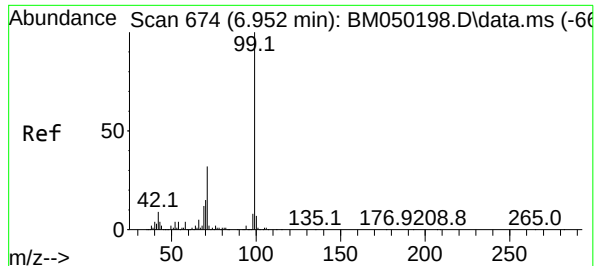
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#6
Aniline
Concen: 20.578 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 93 Resp: 596745
Ion Ratio Lower Upper
93 100
66 34.5 27.4 41.2
65 16.9 13.6 20.4





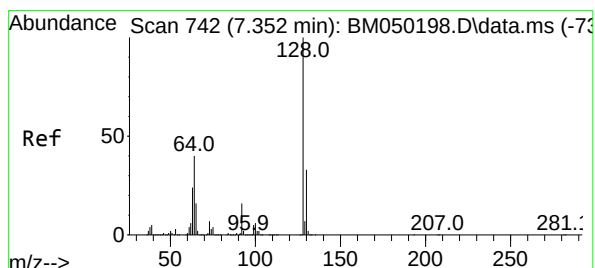
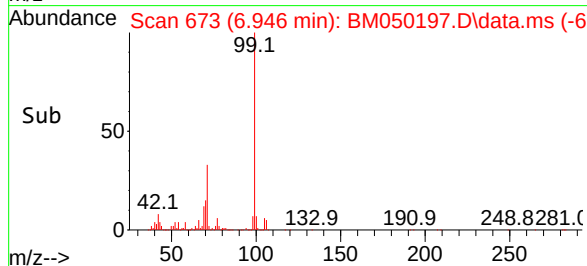
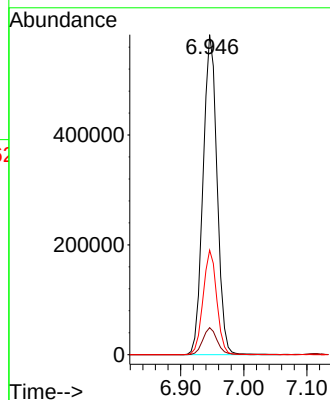
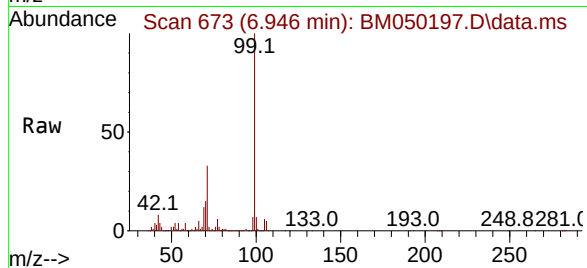
#7
Phenol-d6
Concen: 40.989 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 899139
Ion Ratio Lower Upper
99 100
42 8.4 6.9 10.3
71 32.6 25.3 37.9

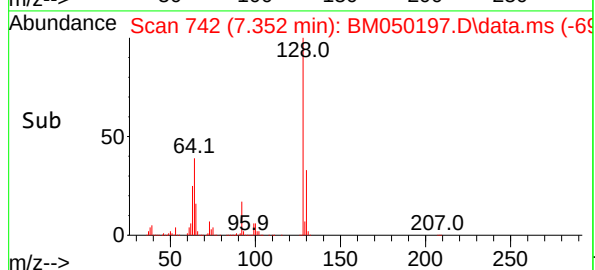
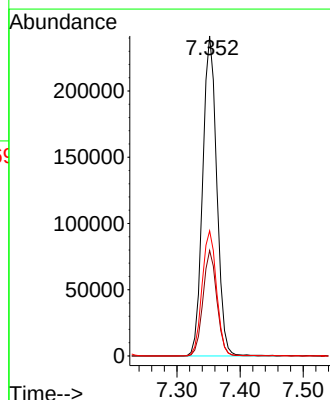
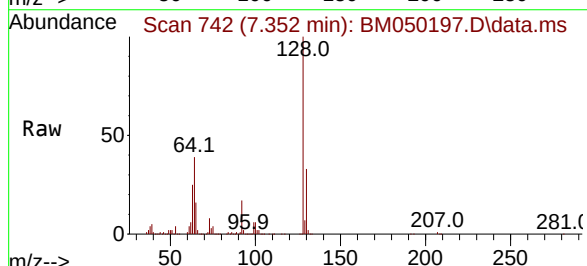
Manual Integrations
APPROVED

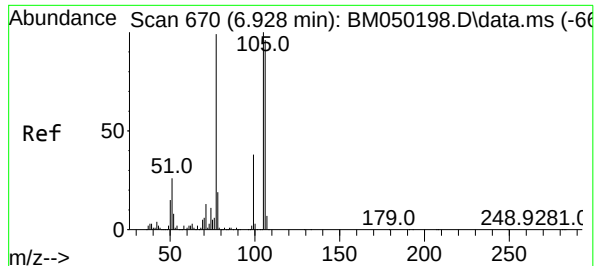
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#8
2-Chlorophenol
Concen: 20.382 ng
RT: 7.352 min Scan# 742
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:128 Resp: 373594
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 39.1 19.8 59.8





#9

Benzaldehyde

Concen: 21.441 ng m

RT: 6.928 min Scan# 670

Delta R.T. 0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 299039

Ion Ratio Lower Upper

77 100

105 99.2 80.9 120.9

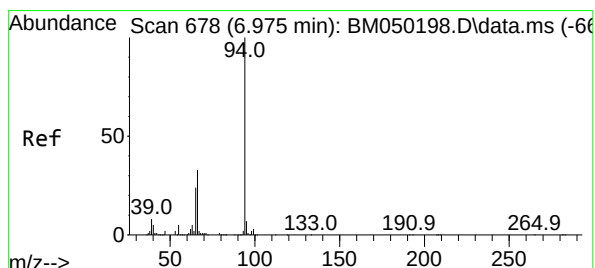
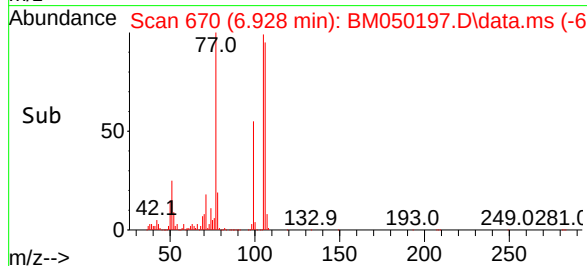
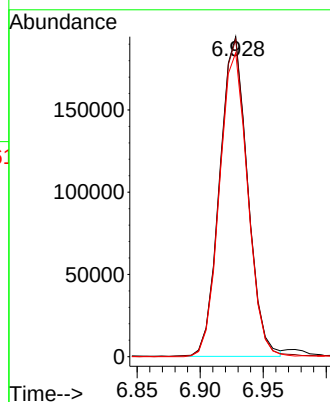
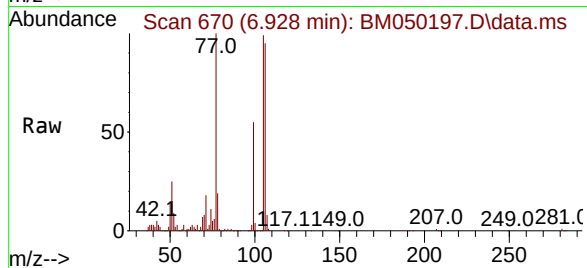
106 95.0 77.1 117.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#10

Phenol

Concen: 20.474 ng

RT: 6.975 min Scan# 678

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

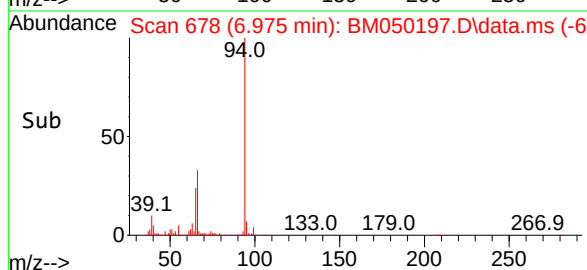
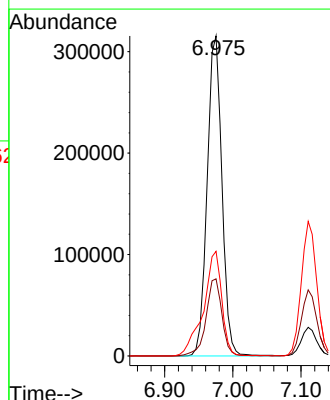
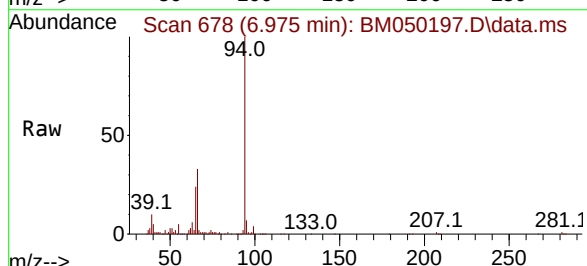
Tgt Ion: 94 Resp: 475205

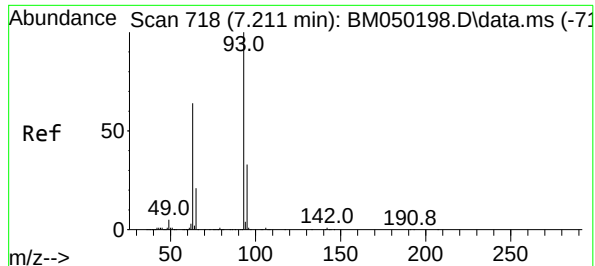
Ion Ratio Lower Upper

94 100

65 24.1 4.3 44.3

66 32.7 12.9 52.9





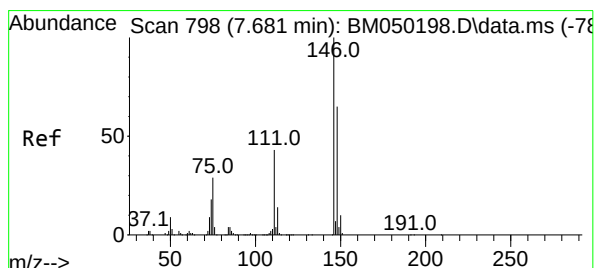
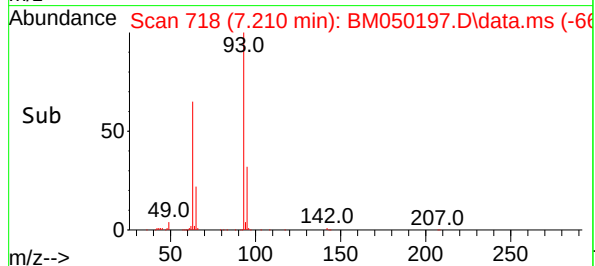
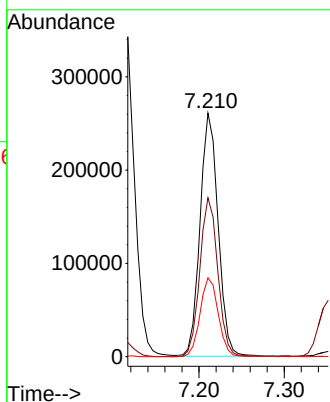
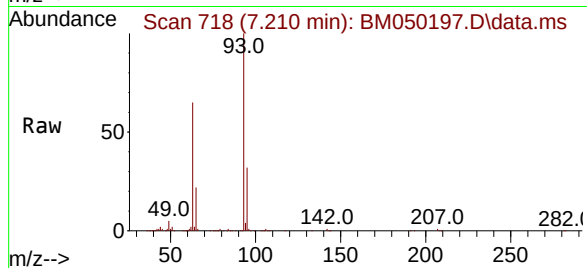
#11
bis(2-Chloroethyl)ether
Concen: 20.543 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 38351
Ion Ratio Lower Upper
93 100
63 65.3 43.9 83.9
95 32.4 12.7 52.7

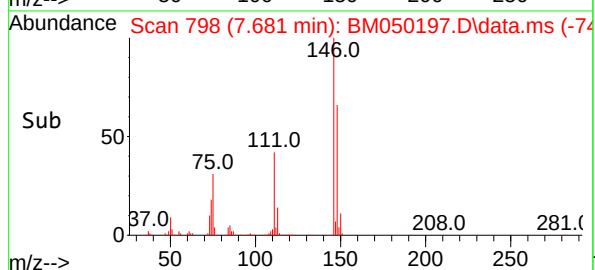
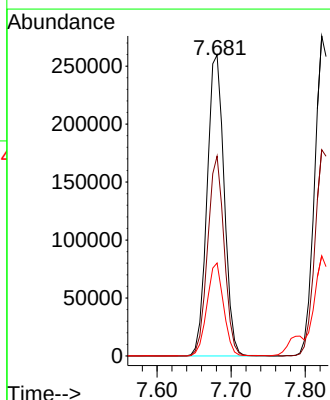
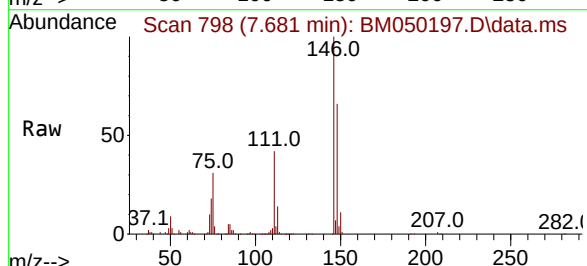
Manual Integrations
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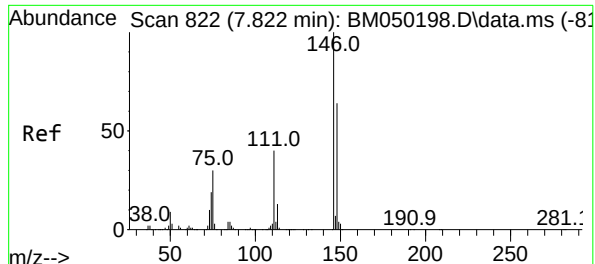
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#12
1,3-Dichlorobenzene
Concen: 20.230 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:146 Resp: 414543
Ion Ratio Lower Upper
146 100
148 66.4 51.9 77.9
75 30.9 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 20.394 ng

RT: 7.822 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 43479

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

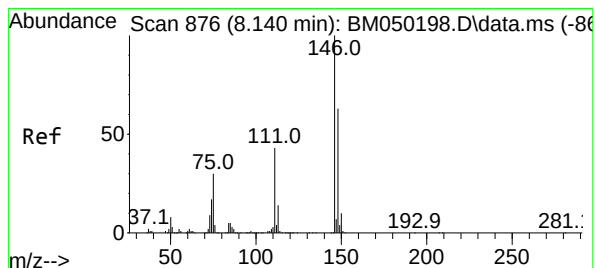
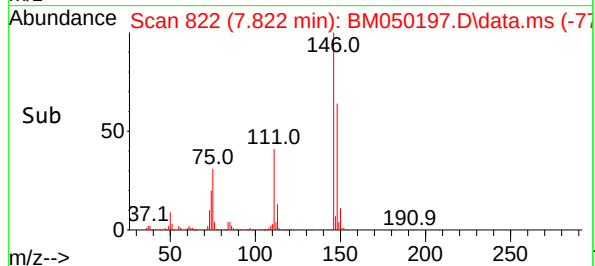
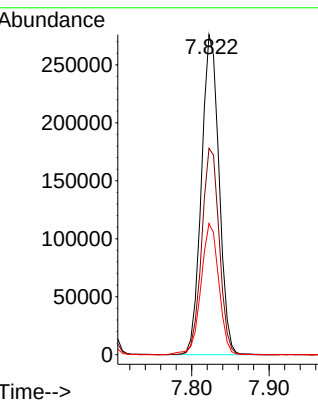
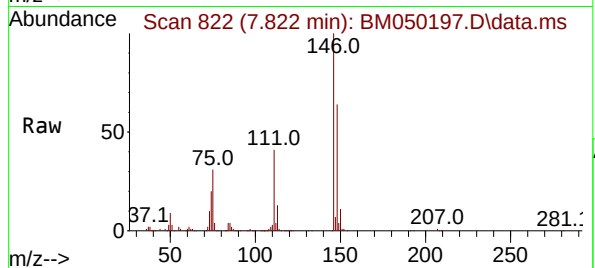
111 41.0 32.3 48.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#14

1,2-Dichlorobenzene

Concen: 20.407 ng

RT: 8.140 min Scan# 876

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

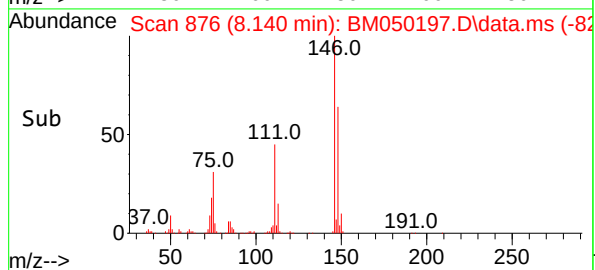
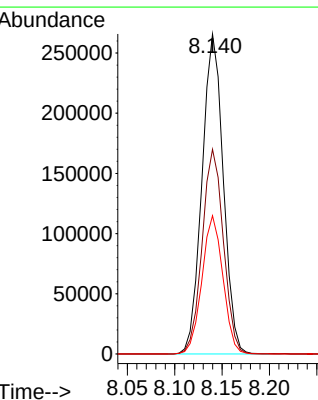
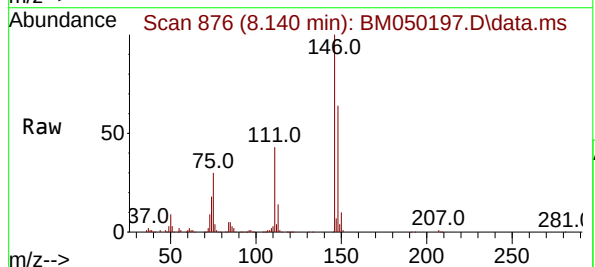
Tgt Ion:146 Resp: 414769

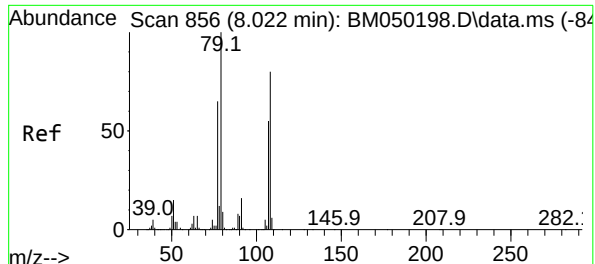
Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

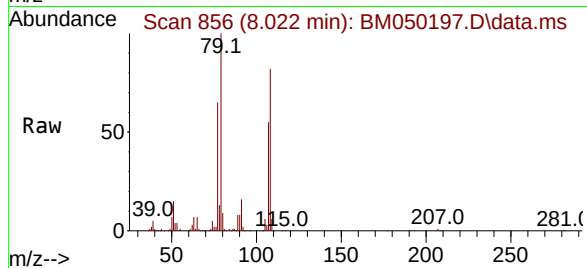
111 43.2 34.3 51.5





#15
Benzyl Alcohol
Concen: 20.462 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

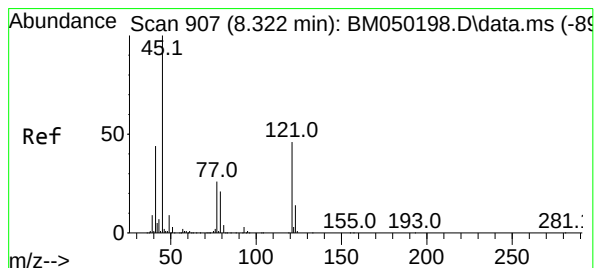
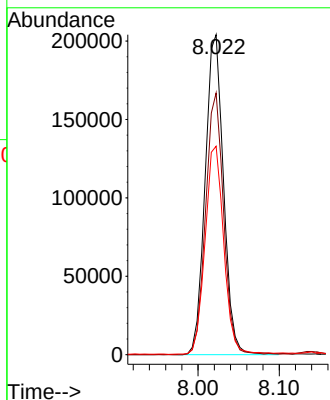
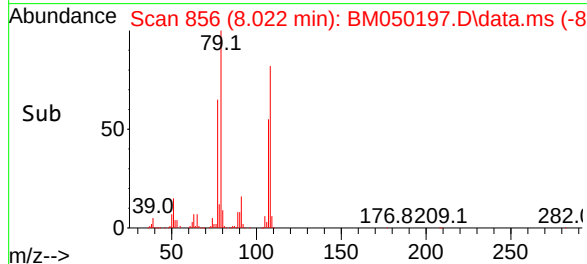
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 32014
Ion Ratio Lower Upper
79 100
108 81.8 64.0 96.0
77 65.2 52.2 78.2

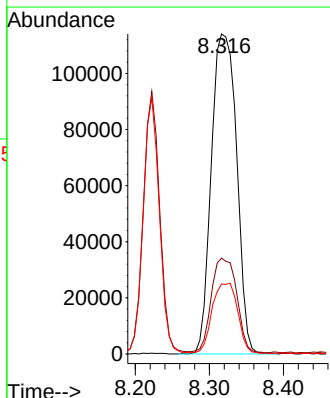
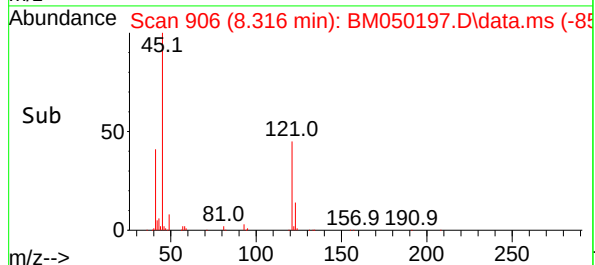
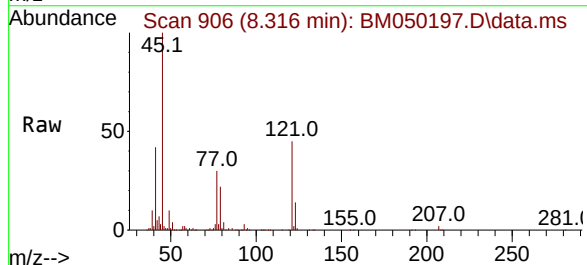
Manual Integrations
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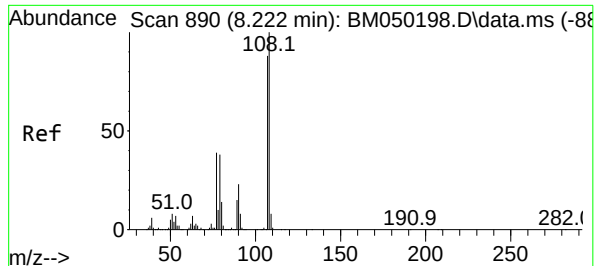
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.873 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion: 45 Resp: 270693
Ion Ratio Lower Upper
45 100
77 30.0 8.7 48.7
79 21.9 2.7 42.7





#17

2-Methylphenol

Concen: 20.568 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050197.D

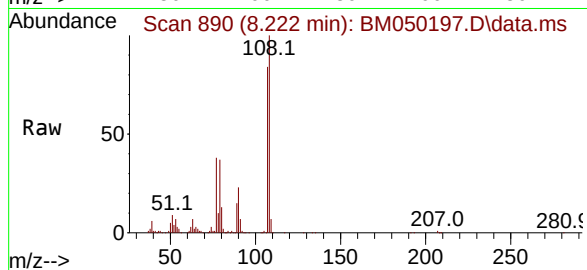
Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:107 Resp: 31499

Ion Ratio Lower Upper

107 100

108 118.9 90.8 136.2

77 44.9 35.7 53.5

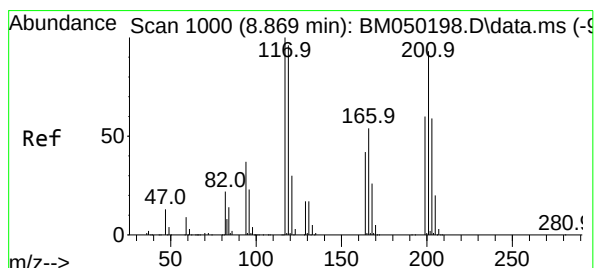
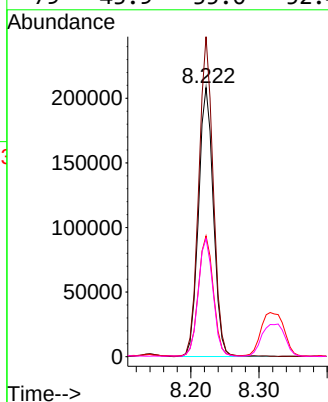
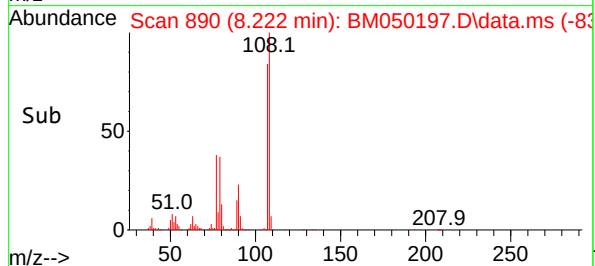
79 43.9 35.0 52.4

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#18

Hexachloroethane

Concen: 19.885 ng

RT: 8.869 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

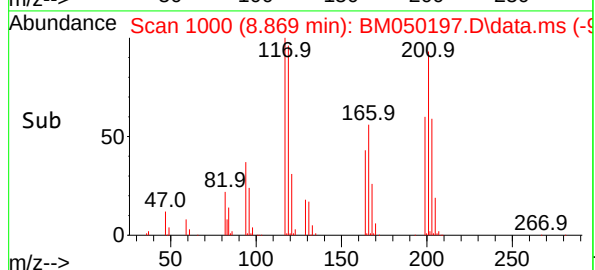
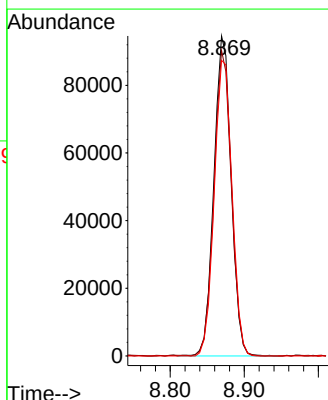
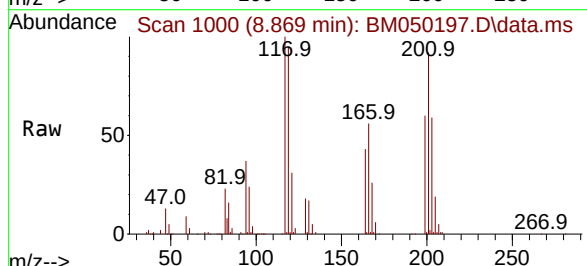
Tgt Ion:117 Resp: 153532

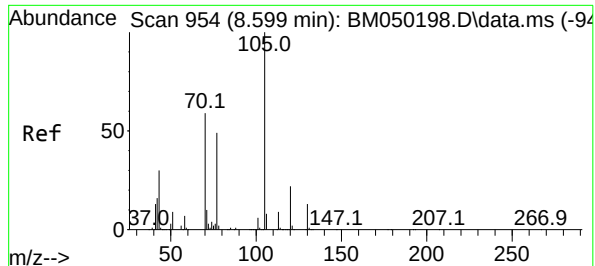
Ion Ratio Lower Upper

117 100

119 95.4 77.0 115.6

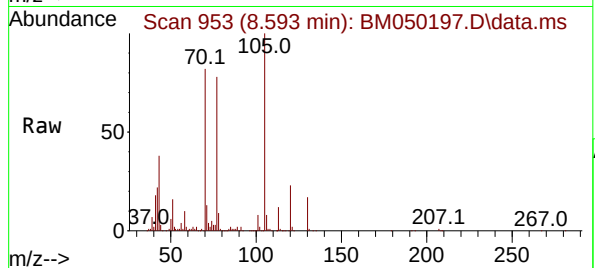
201 92.4 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 22.197 ng
RT: 8.593 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

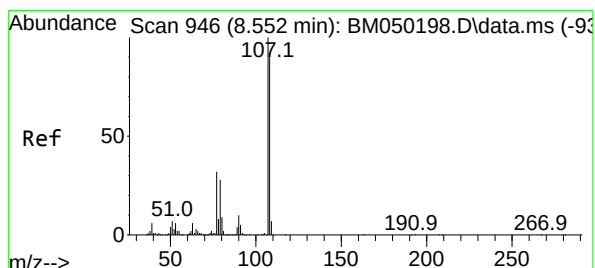
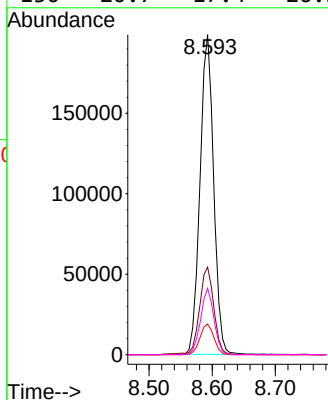
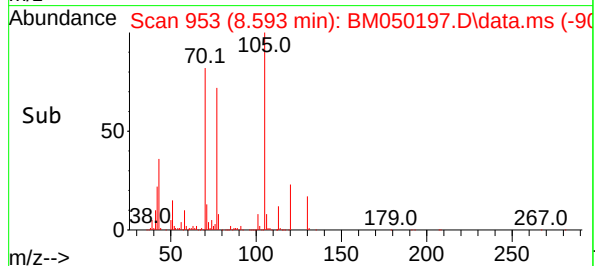
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



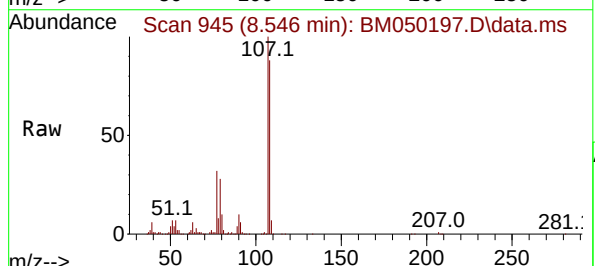
Tgt Ion: 70 Resp: 29797
Ion Ratio Lower Upper
70 100
42 27.4 22.6 33.8
101 9.6 8.3 12.5
130 20.7 17.4 26.2

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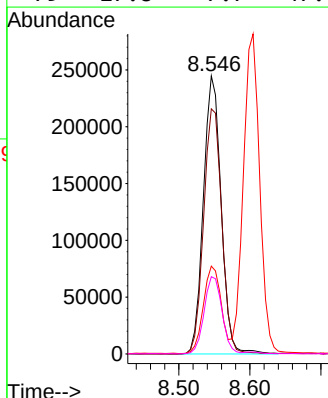
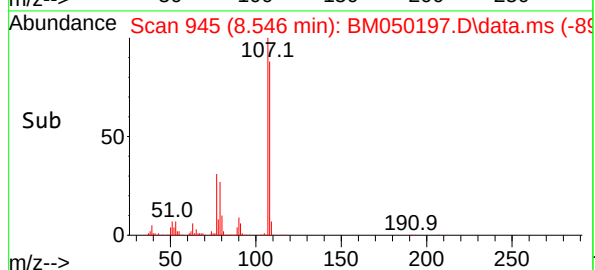
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

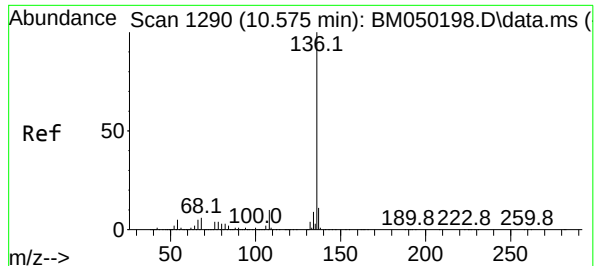


#20
3+4-Methylphenols
Concen: 20.798 ng
RT: 8.546 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



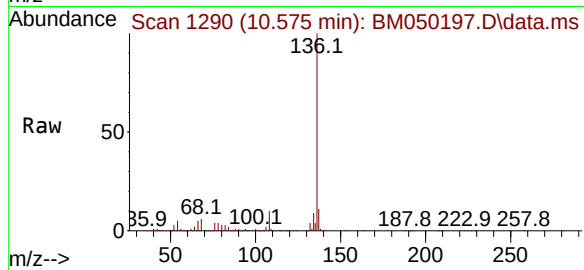
Tgt Ion:107 Resp: 426134
Ion Ratio Lower Upper
107 100
108 88.2 70.4 110.4
77 31.6 12.2 52.2
79 27.8 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

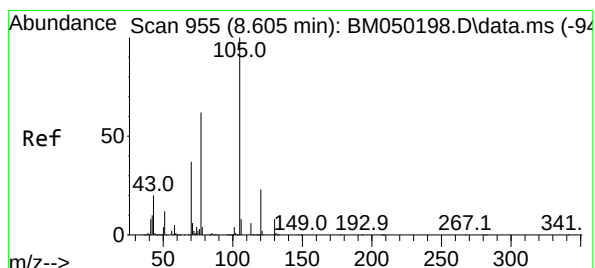
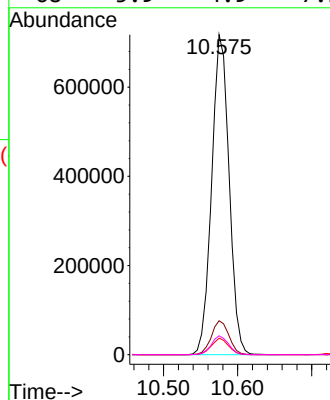
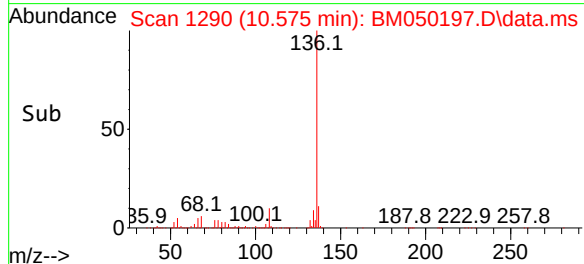
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 117135
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.1 3.8 5.8
68 5.9 4.9 7.3

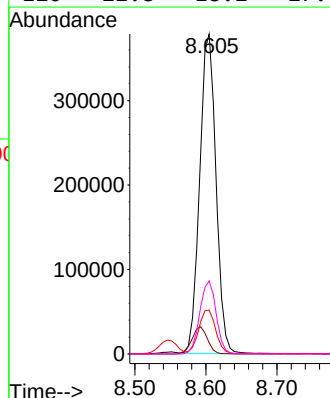
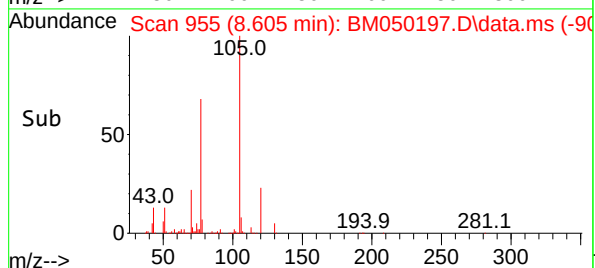
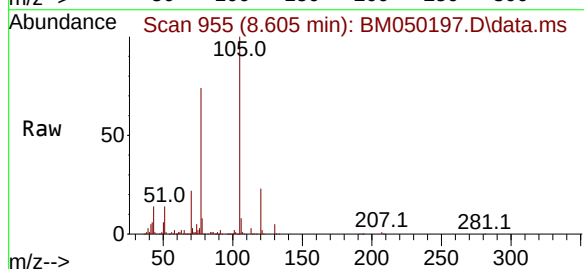
Manual Integrations
APPROVED

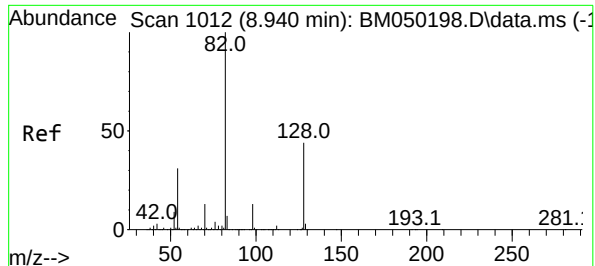
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#22
Acetophenone
Concen: 20.706 ng
RT: 8.605 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:105 Resp: 605945
Ion Ratio Lower Upper
105 100
71 3.5 5.0 7.4#
51 13.7 11.4 17.2
120 22.8 18.2 27.4





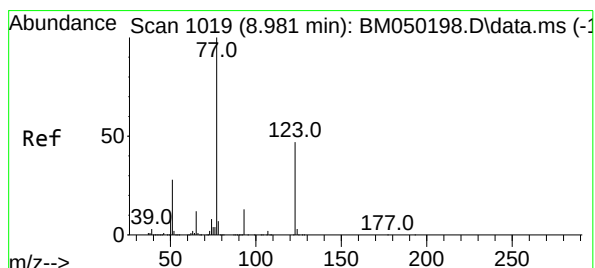
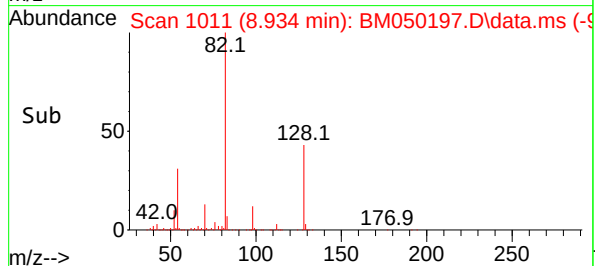
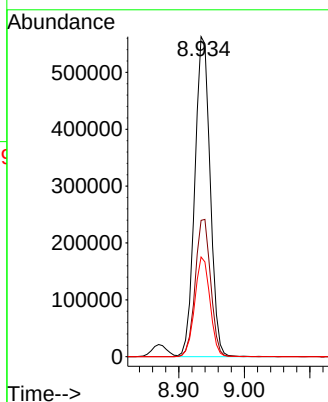
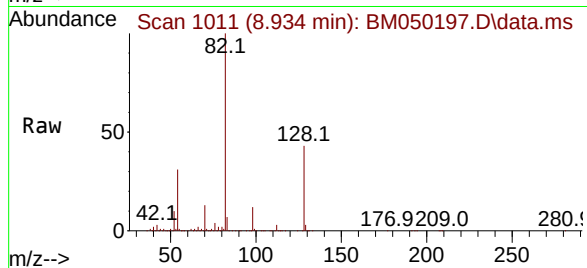
#23
Nitrobenzene-d5
Concen: 40.730 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 917335
Ion Ratio Lower Upper
82 100
128 42.6 35.2 52.8
54 31.1 24.5 36.7

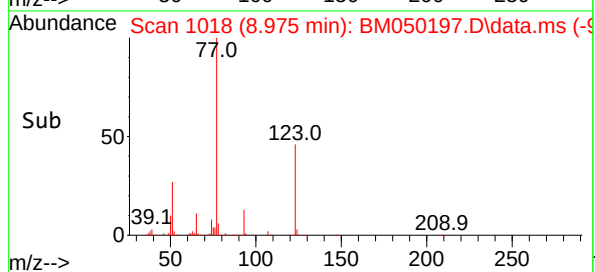
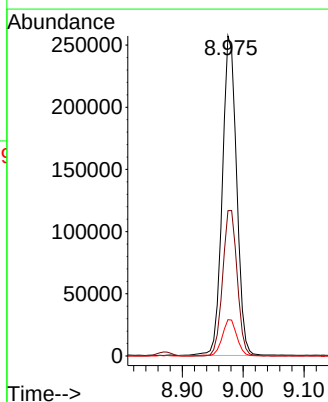
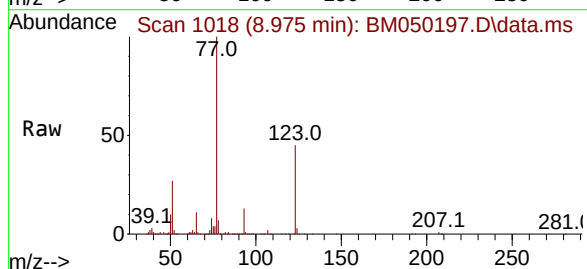
Manual Integrations
APPROVED

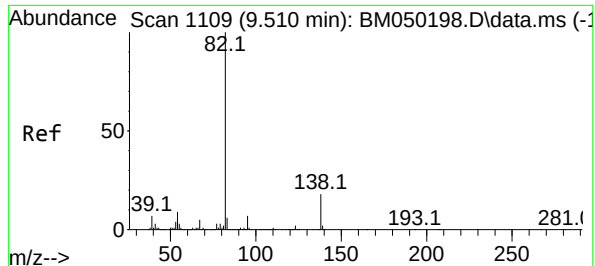
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#24
Nitrobenzene
Concen: 20.506 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

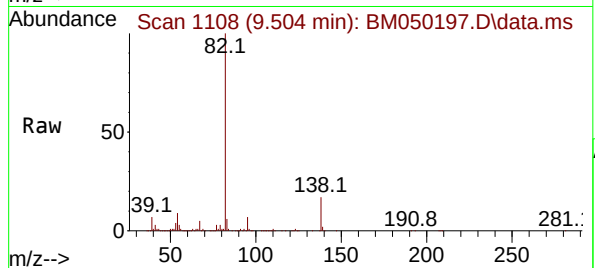
Tgt Ion: 77 Resp: 420036
Ion Ratio Lower Upper
77 100
123 45.4 38.2 57.2
65 11.3 9.5 14.3





#25
Isophorone
Concen: 20.639 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

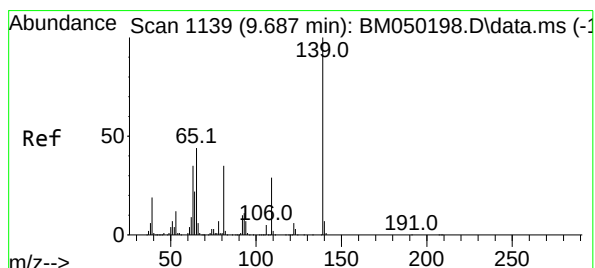
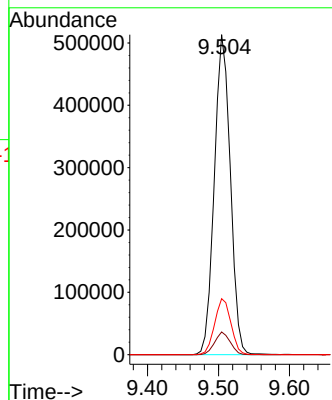
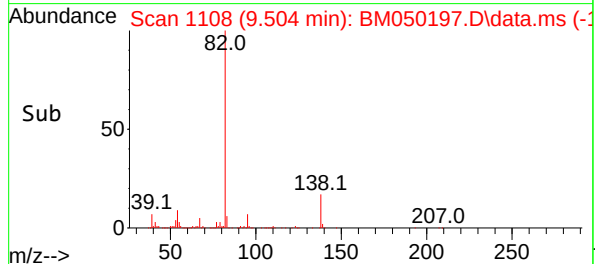
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 802320
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.5 14.2 21.2

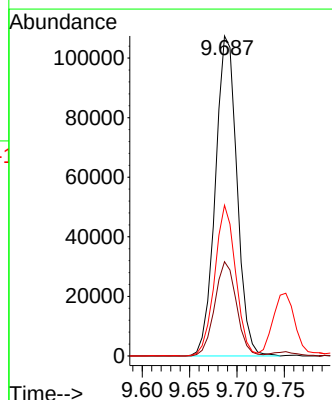
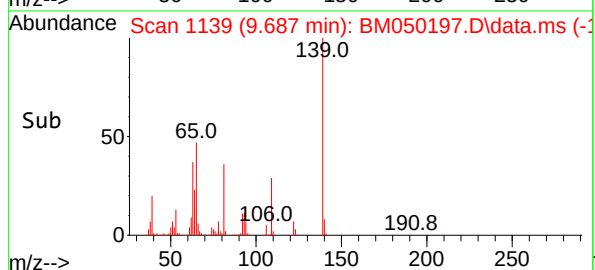
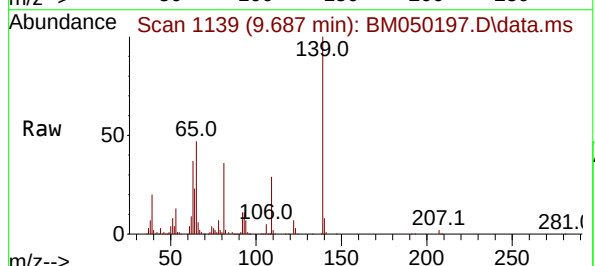
Manual Integrations
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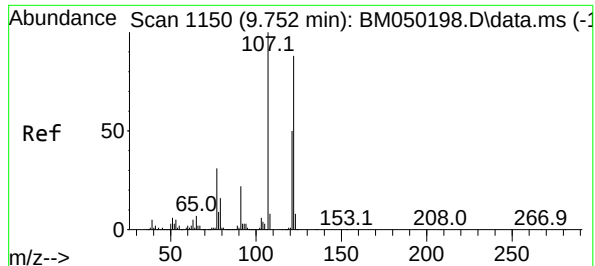
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#26
2-Nitrophenol
Concen: 19.294 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

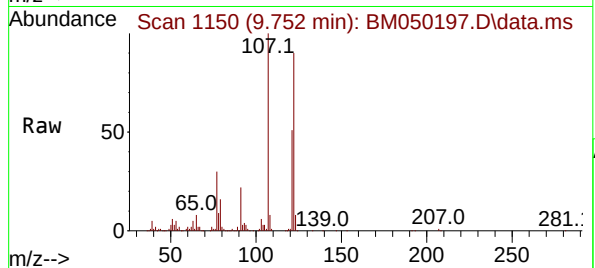
Tgt Ion:139 Resp: 170594
Ion Ratio Lower Upper
139 100
109 29.4 23.3 34.9
65 47.1 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 20.275 ng
RT: 9.752 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

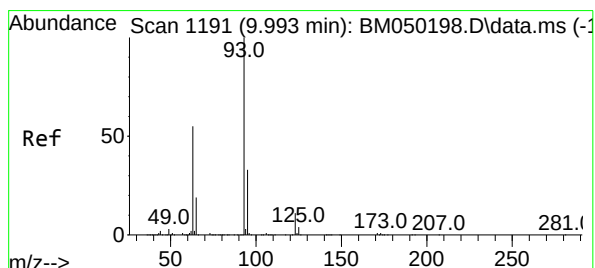
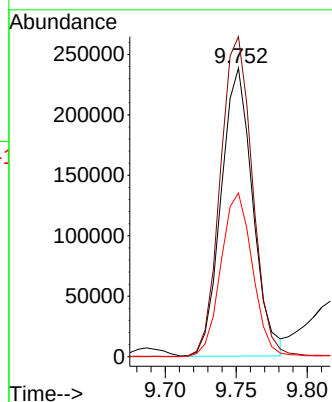
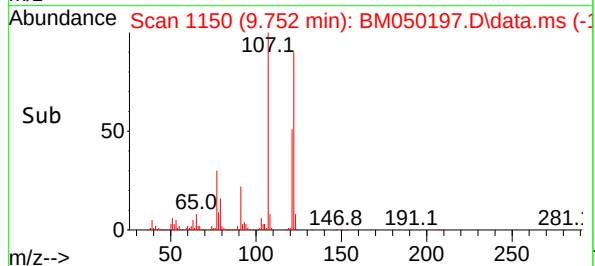
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:122 Resp: 36869
Ion Ratio Lower Upper
122 100
107 110.9 91.0 136.6
121 56.7 45.8 68.6

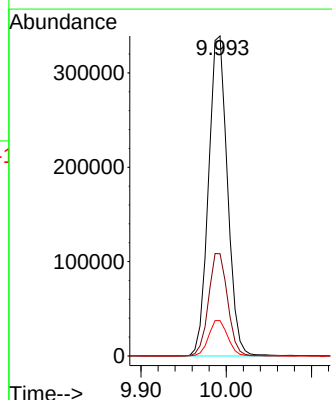
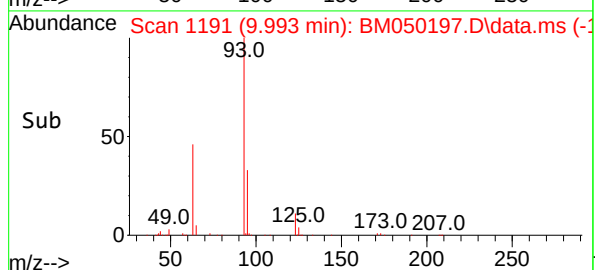
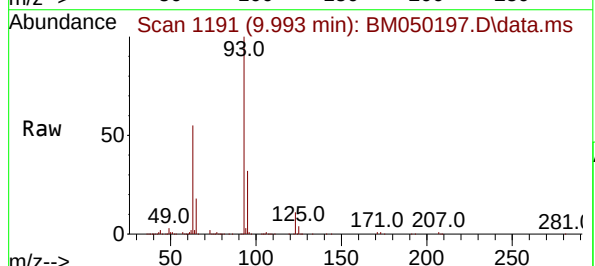
Manual Integrations
APPROVED

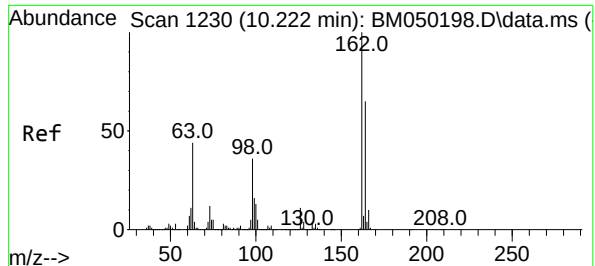
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#28
bis(2-Chloroethoxy)methane
Concen: 20.610 ng
RT: 9.993 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

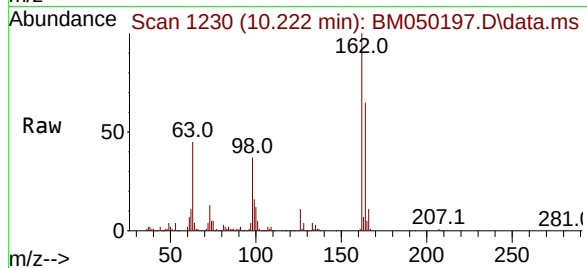
Tgt Ion: 93 Resp: 523393
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 11.1 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 20.118 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

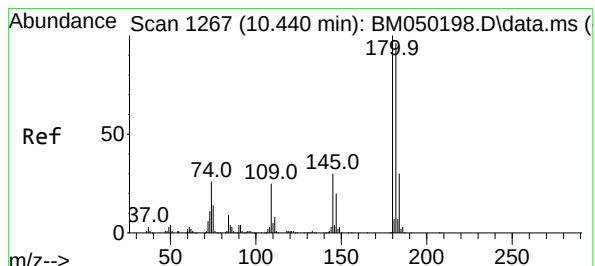
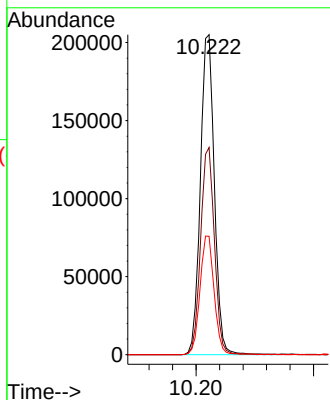
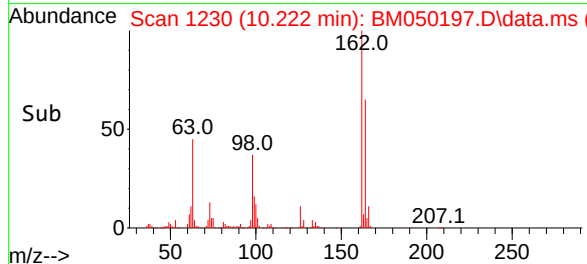
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:162 Resp: 33822
Ion Ratio Lower Upper
162 100
164 64.8 45.0 85.0
98 37.0 16.3 56.3

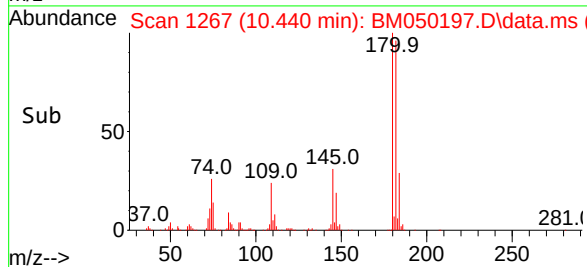
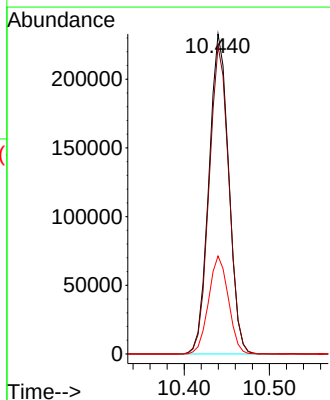
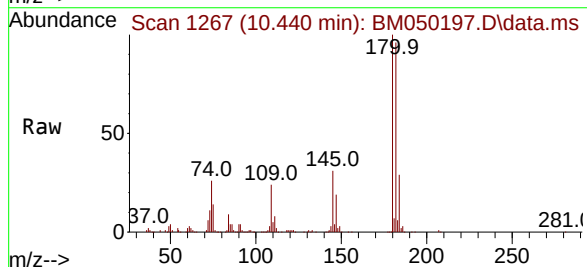
Manual Integrations
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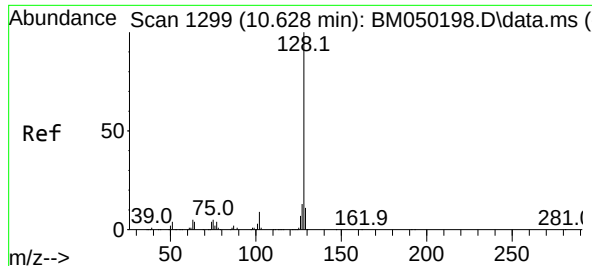
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 20.074 ng
RT: 10.440 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

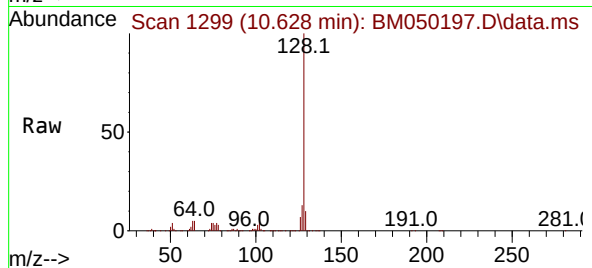
Tgt Ion:180 Resp: 375562
Ion Ratio Lower Upper
180 100
182 96.2 76.6 114.8
145 30.6 24.2 36.4





#31
Naphthalene
Concen: 20.419 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

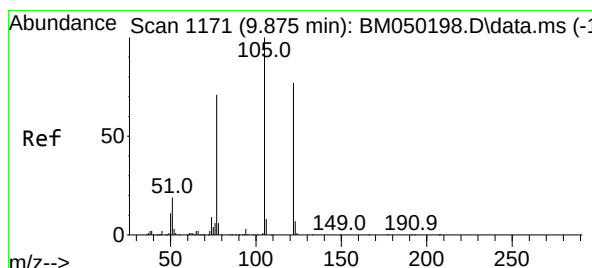
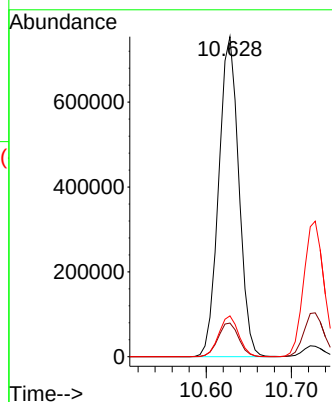
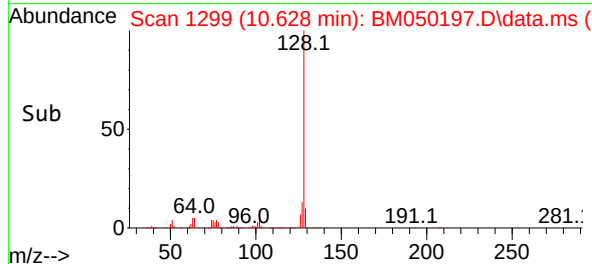
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 1236620
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.8 10.2 15.4

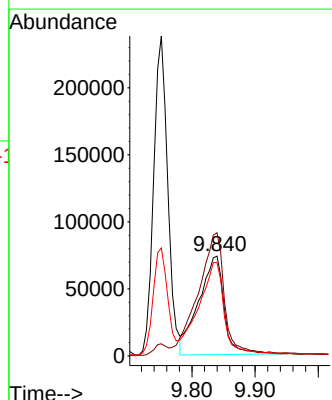
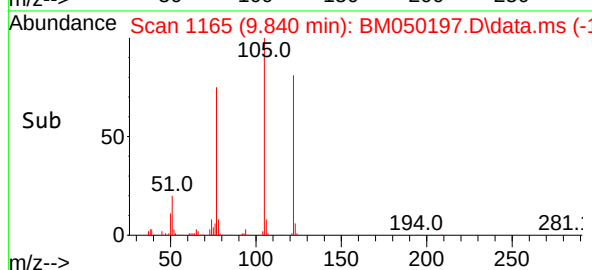
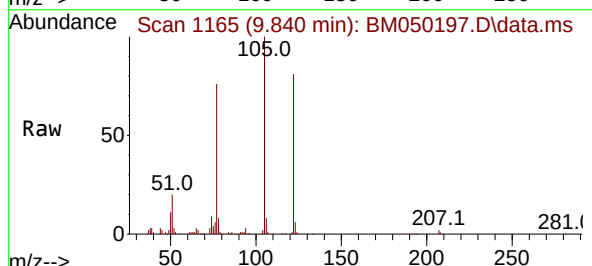
Manual Integrations
APPROVED

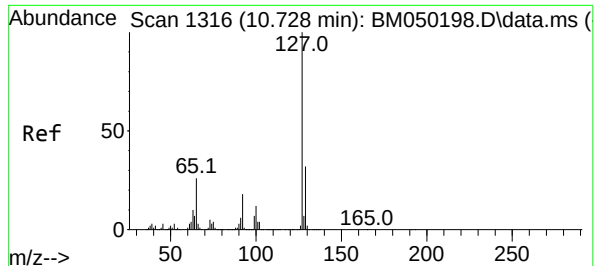
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#32
Benzoic acid
Concen: 18.032 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.035 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

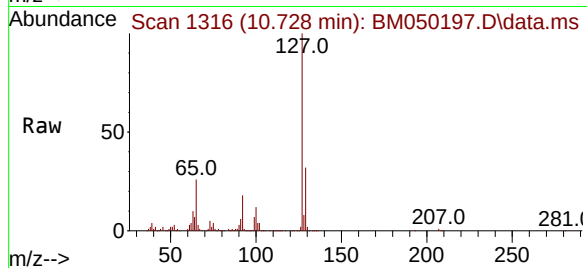
Tgt Ion:122 Resp: 205878
Ion Ratio Lower Upper
122 100
105 123.3 103.4 143.4
77 93.5 70.3 110.3





#33
4-Chloroaniline
Concen: 20.585 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

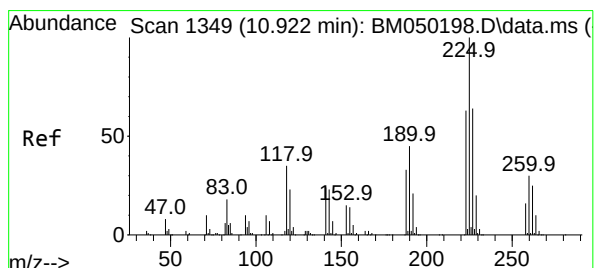
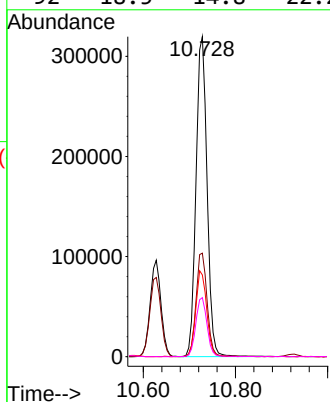
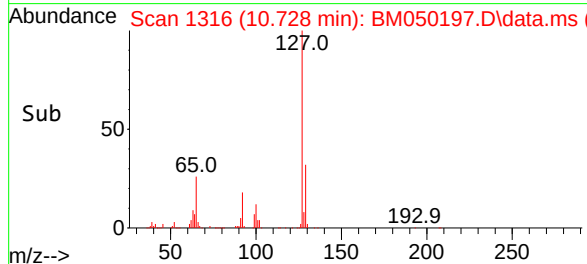
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



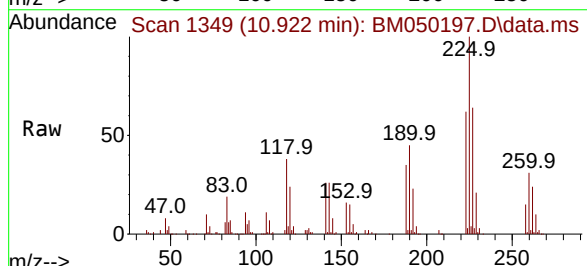
Tgt Ion:127 Resp: 53149
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.0
65 25.6 21.0 31.4
92 18.5 14.8 22.2

Manual Integrations
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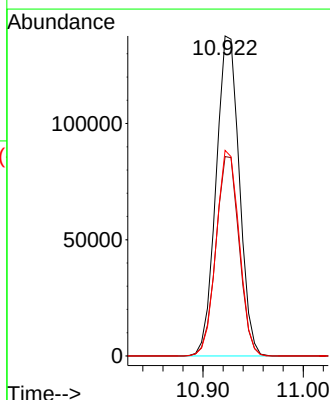
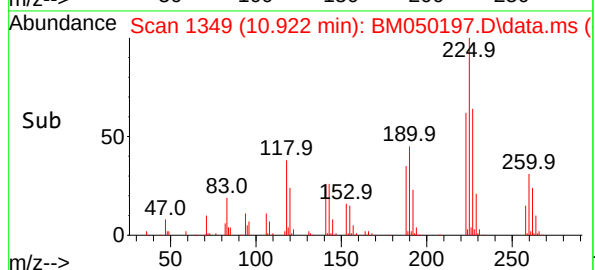
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

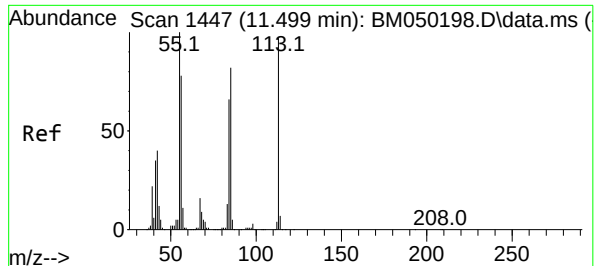


#34
Hexachlorobutadiene
Concen: 19.910 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



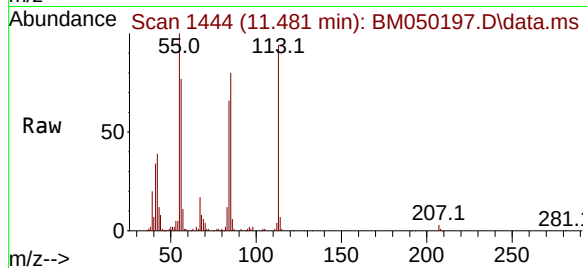
Tgt Ion:225 Resp: 221558
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.2
227 64.3 51.0 76.4





#35
Caprolactam
Concen: 20.483 ng
RT: 11.481 min Scan# 1447
Delta R.T. -0.018 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

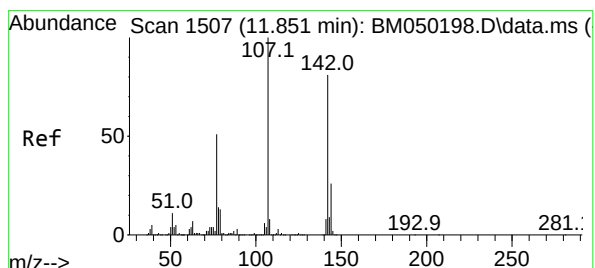
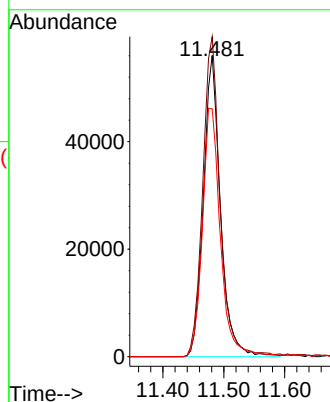
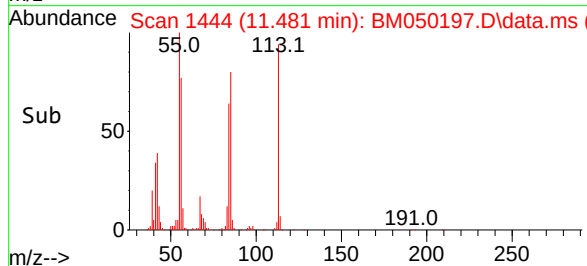
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 10917
Ion Ratio Lower Upper
113 100
55 106.2 83.5 123.5
56 82.3 60.6 100.6

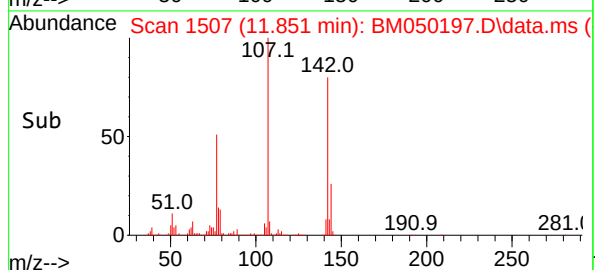
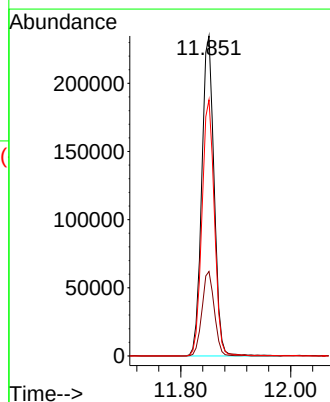
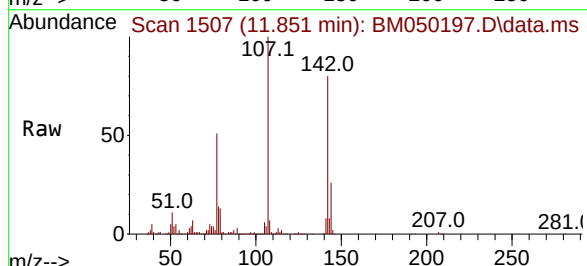
Manual Integrations
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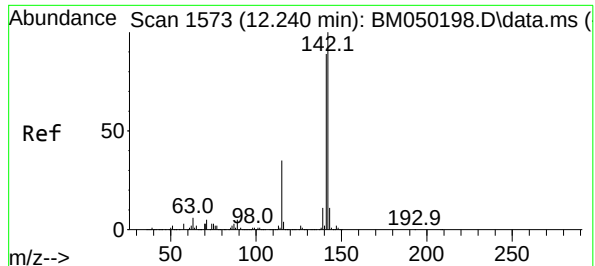
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#36
4-Chloro-3-methylphenol
Concen: 20.433 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

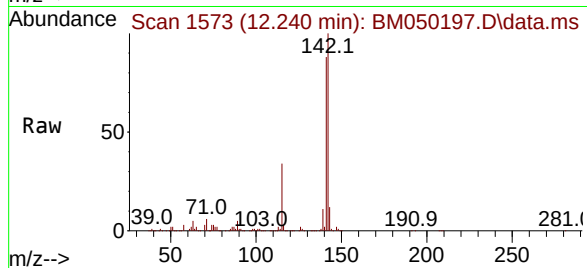
Tgt Ion:107 Resp: 366554
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.6
142 80.0 64.8 97.2





#37
2-Methylnaphthalene
Concen: 20.607 ng
RT: 12.240 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

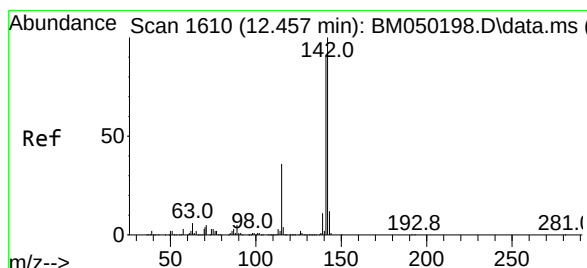
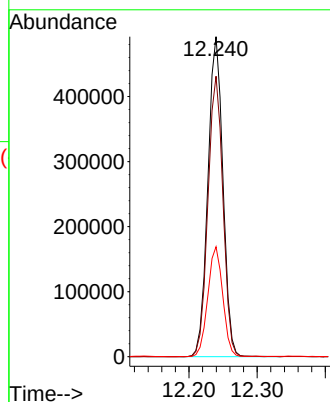
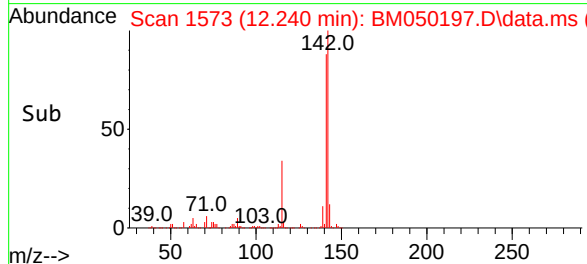
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 752880
Ion Ratio Lower Upper
142 100
141 87.7 71.5 107.3
115 34.3 27.8 41.8

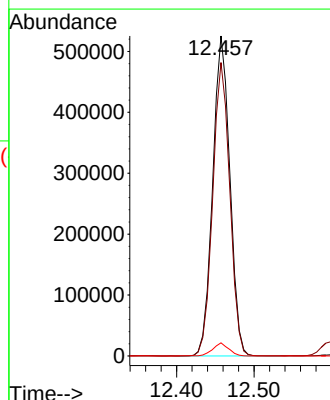
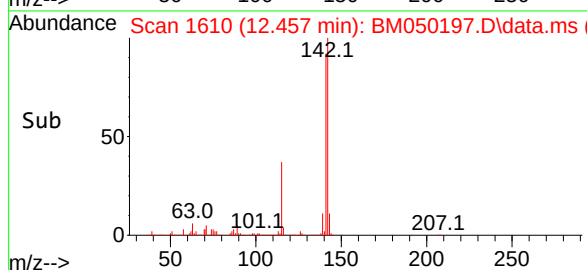
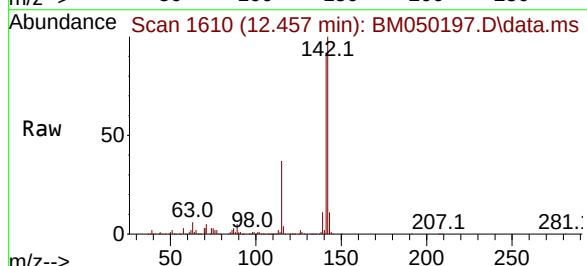
Manual Integrations
APPROVED

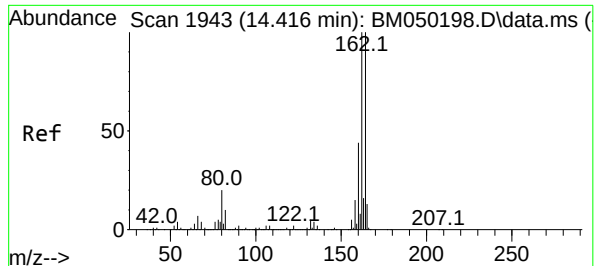
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#38
1-Methylnaphthalene
Concen: 20.803 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:142 Resp: 806687
Ion Ratio Lower Upper
142 100
141 91.7 72.9 109.3
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.000 min

Lab File: BM050197.D

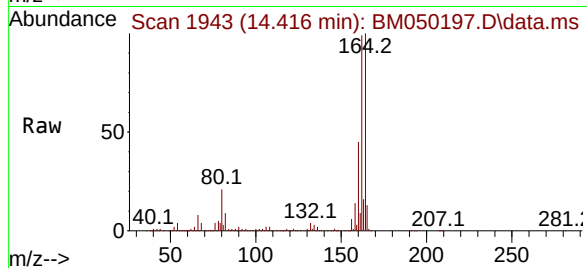
Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 720692

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.4

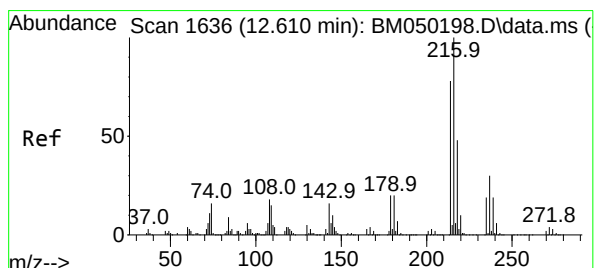
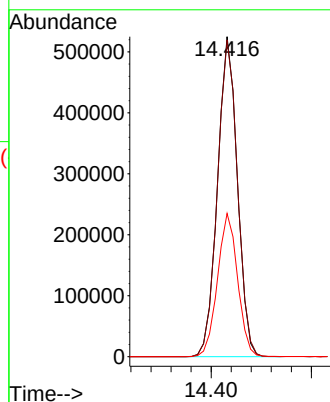
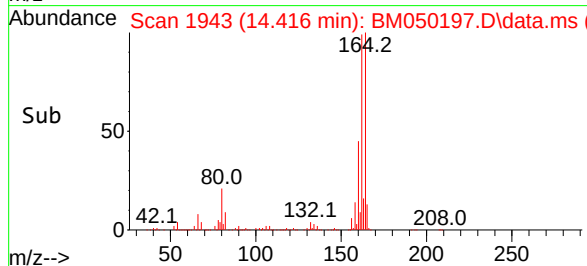
160 44.8 35.7 53.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#40

1,2,4,5-Tetrachlorobenzene

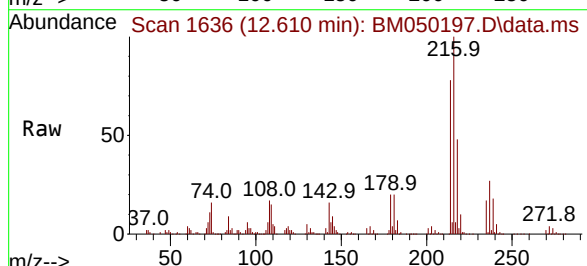
Concen: 20.257 ng

RT: 12.610 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17



Tgt Ion:216 Resp: 421559

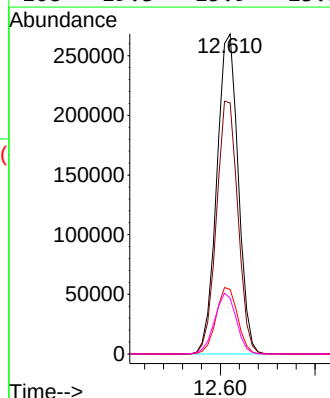
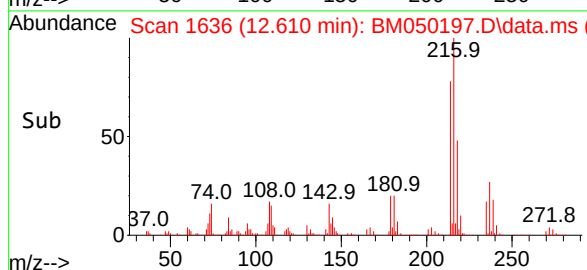
Ion Ratio Lower Upper

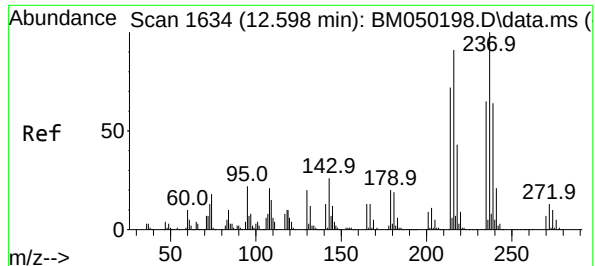
216 100

214 79.0 63.0 94.4

179 20.9 16.6 25.0

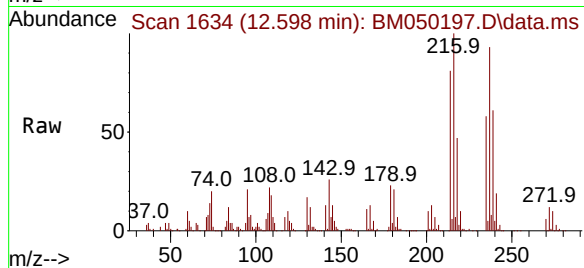
108 19.3 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 19.326 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

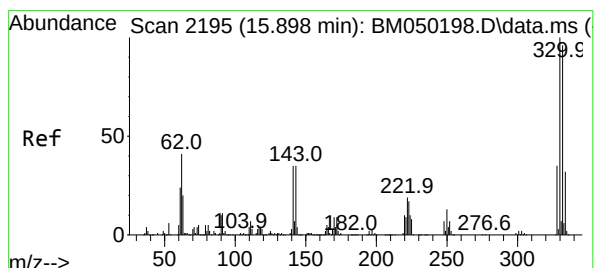
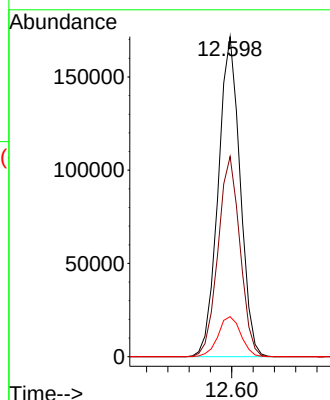
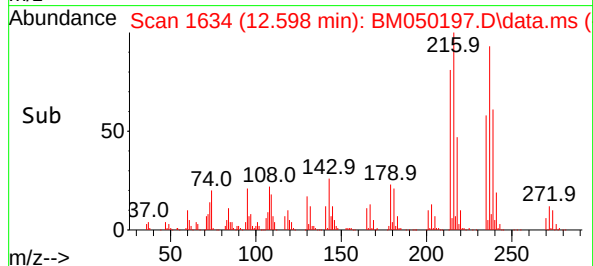
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



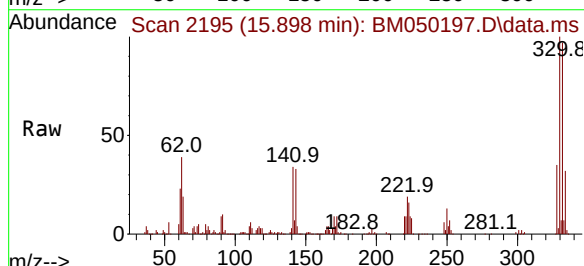
Tgt Ion: 237 Resp: 24425
Ion Ratio Lower Upper
237 100
235 62.6 44.6 84.6
272 12.5 0.0 33.1

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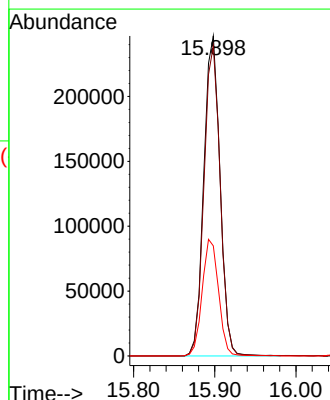
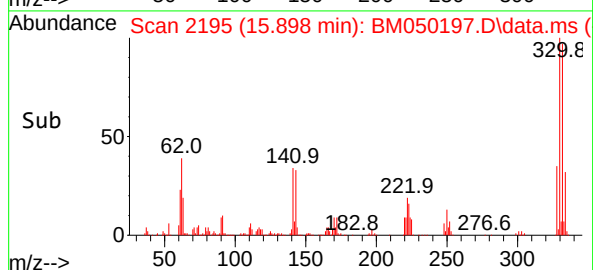
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

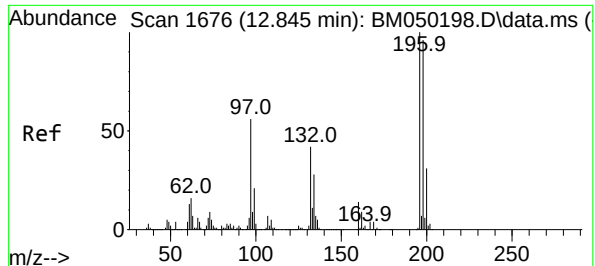


#42
2,4,6-Tribromophenol
Concen: 41.770 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



Tgt Ion: 330 Resp: 342402
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 36.8 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 19.971 ng

RT: 12.845 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BM050197.D

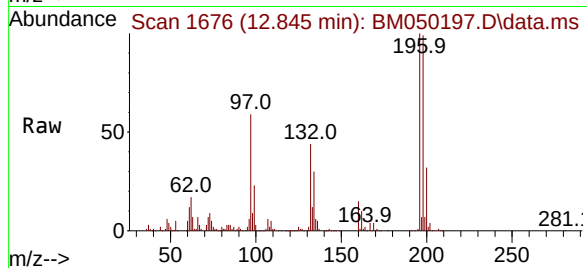
Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 273300

Ion Ratio Lower Upper

196 100

198 98.7 76.6 115.0

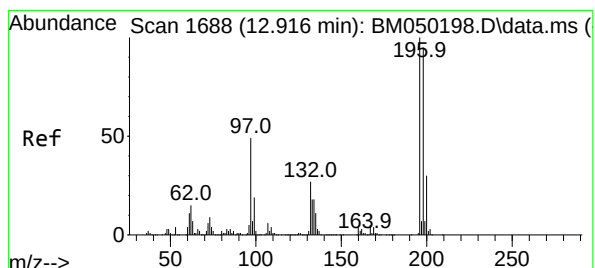
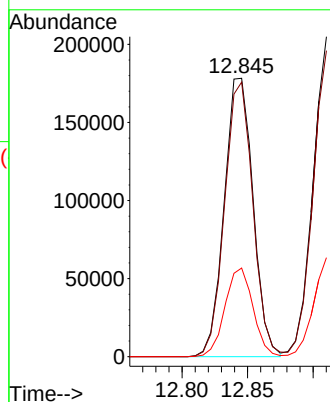
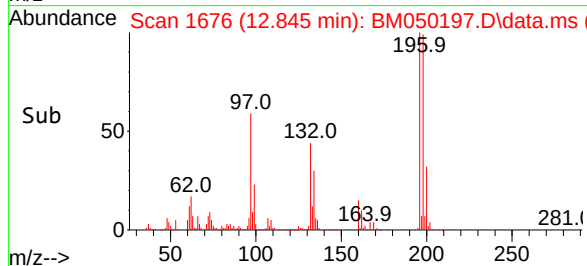
200 31.9 24.5 36.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#44

2,4,5-Trichlorophenol

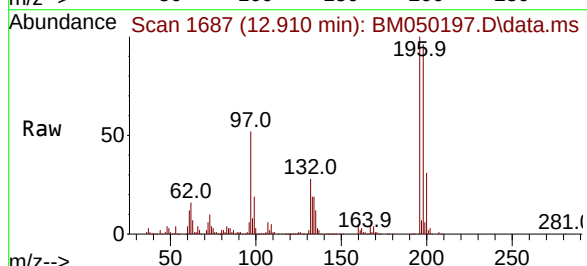
Concen: 20.334 ng

RT: 12.910 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17



Tgt Ion:196 Resp: 305541

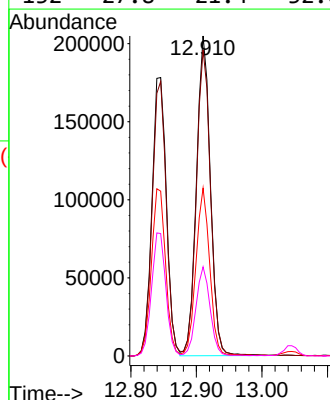
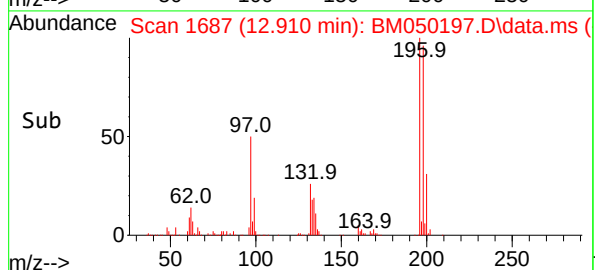
Ion Ratio Lower Upper

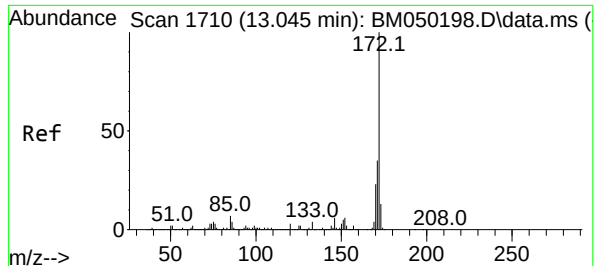
196 100

198 95.6 76.1 114.1

97 52.4 39.3 58.9

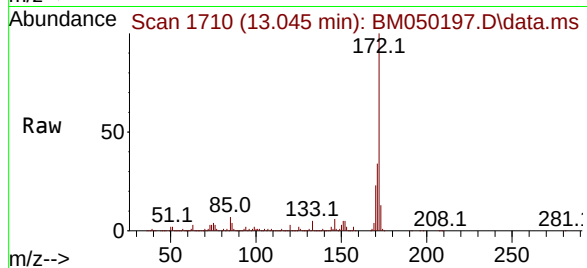
132 27.8 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 41.494 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

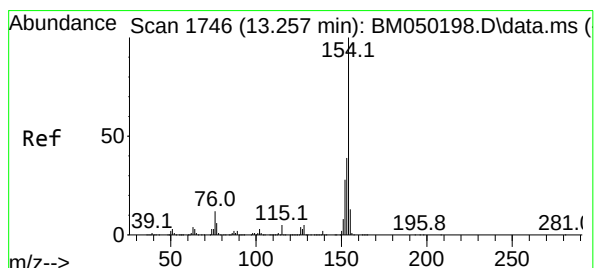
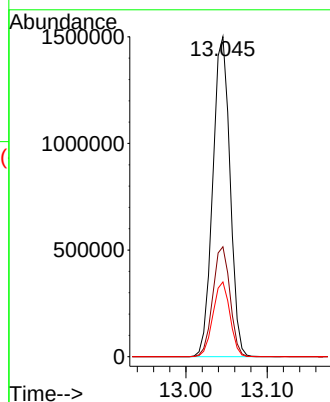
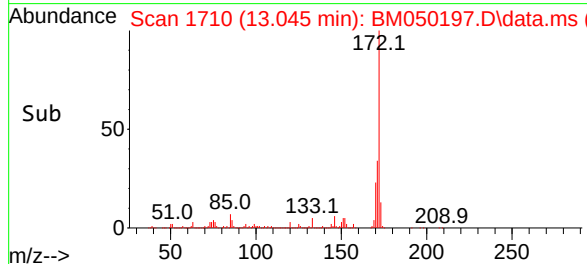
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 220883
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.3 18.6 27.8

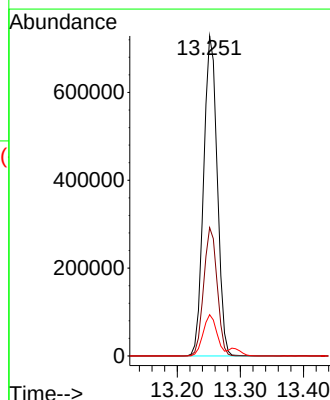
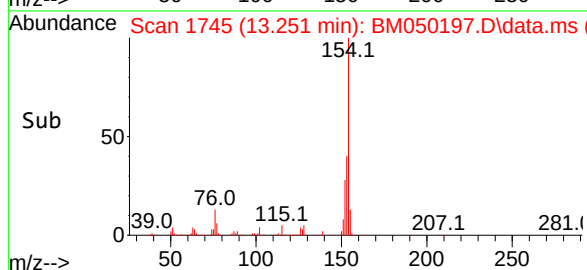
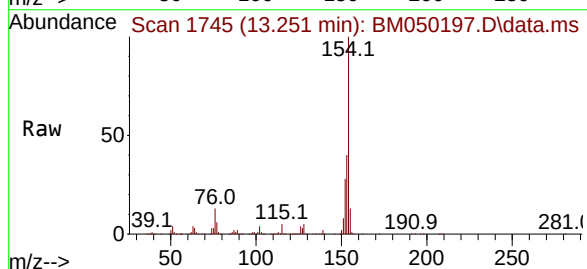
Manual Integrations
APPROVED

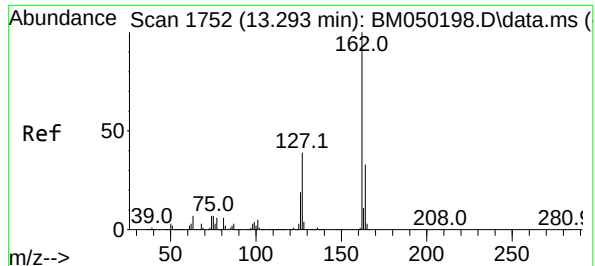
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#46
1,1'-Biphenyl
Concen: 20.221 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

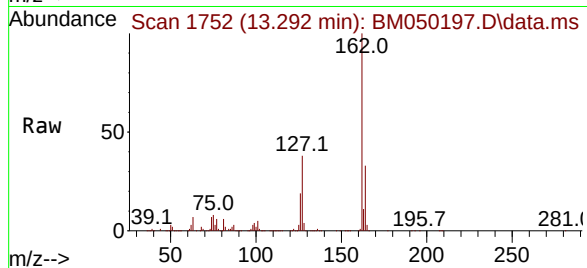
Tgt Ion:154 Resp: 1091201
Ion Ratio Lower Upper
154 100
153 40.1 19.2 59.2
76 12.9 0.0 32.0





#47
2-Chloronaphthalene
Concen: 20.269 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

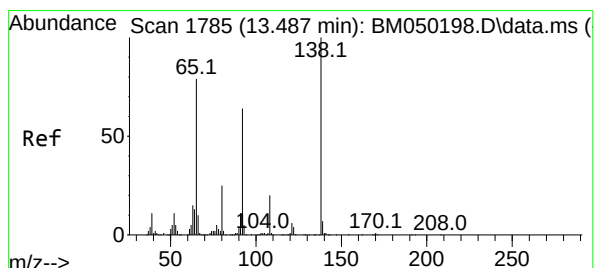
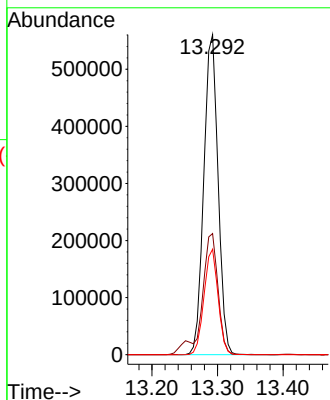
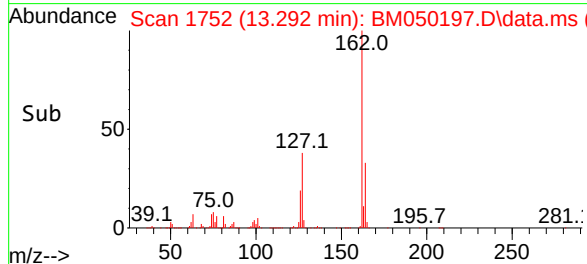
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:162 Resp: 850349
Ion Ratio Lower Upper
162 100
127 37.9 31.1 46.7
164 33.0 26.5 39.7

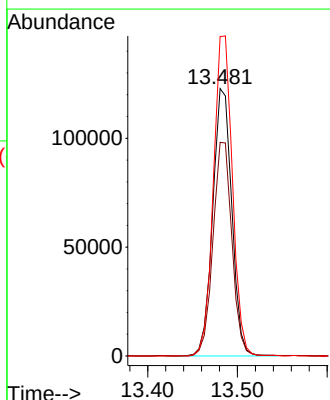
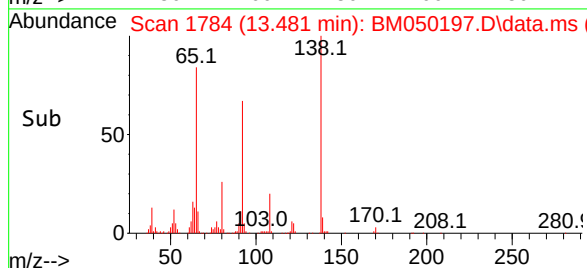
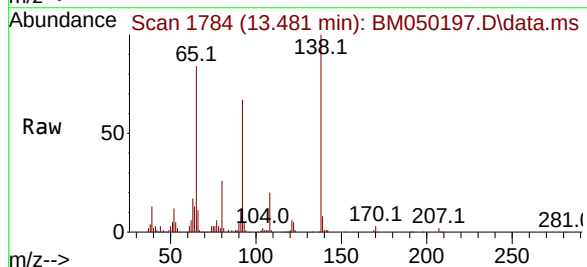
Manual Integrations
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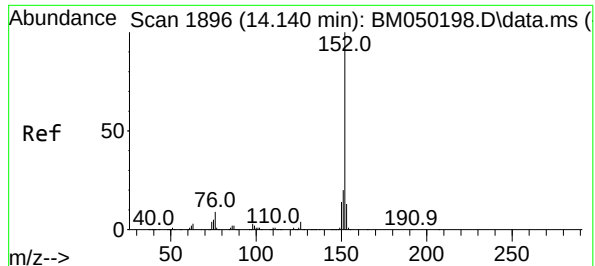
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#48
2-Nitroaniline
Concen: 19.634 ng
RT: 13.481 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

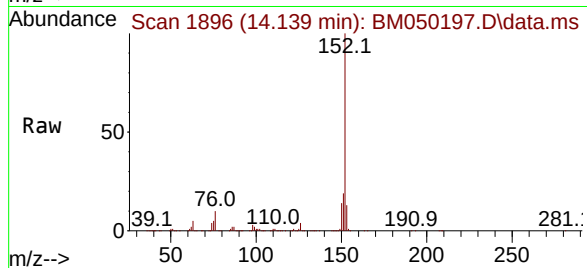
Tgt Ion: 65 Resp: 181276
Ion Ratio Lower Upper
65 100
92 79.9 64.2 96.4
138 119.4 101.0 151.4





#49
Acenaphthylene
Concen: 20.607 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

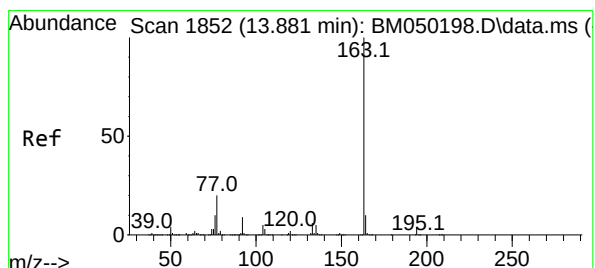
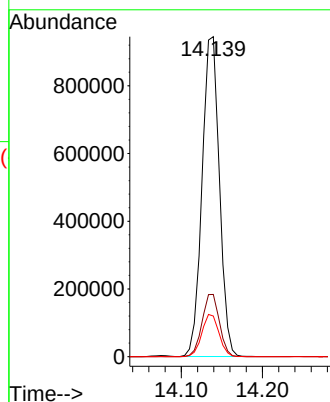
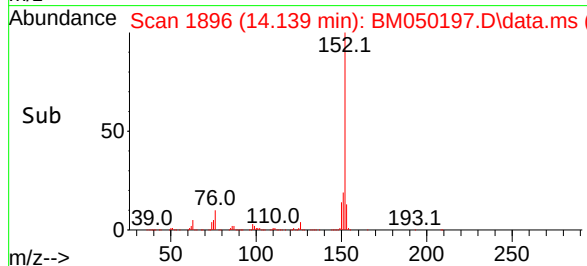
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 1398350
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.7 10.4 15.6

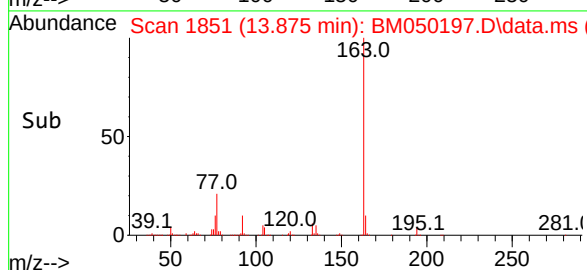
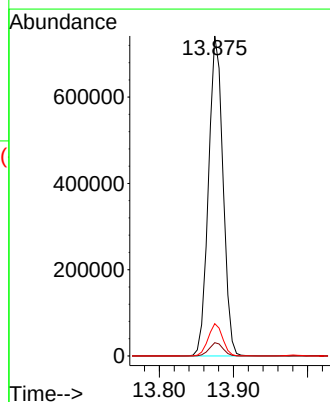
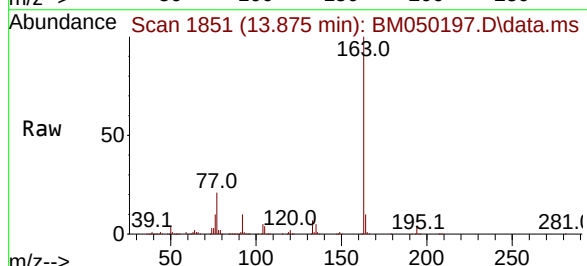
Manual Integrations
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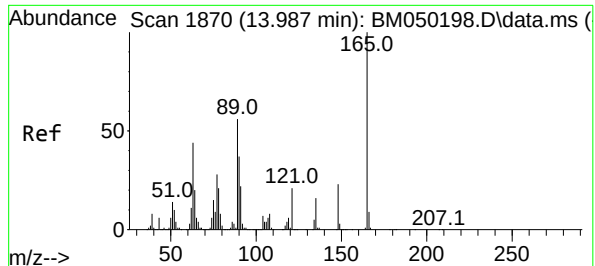
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#50
Dimethylphthalate
Concen: 20.677 ng
RT: 13.875 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

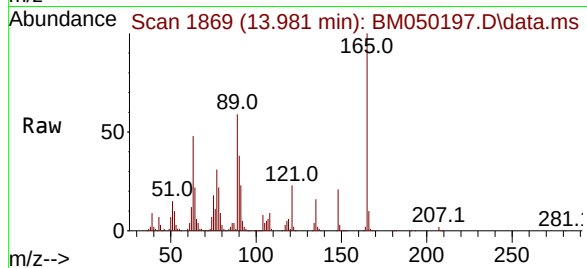
Tgt Ion:163 Resp: 1007787
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 20.834 ng
RT: 13.981 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

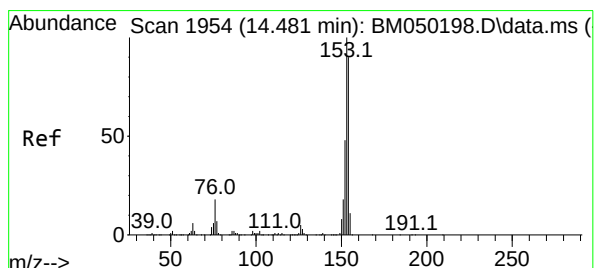
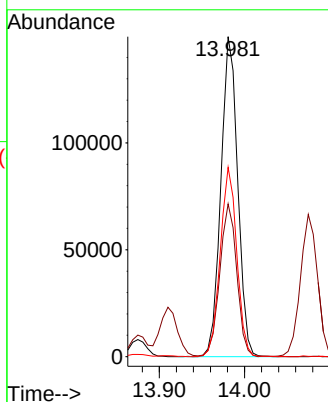
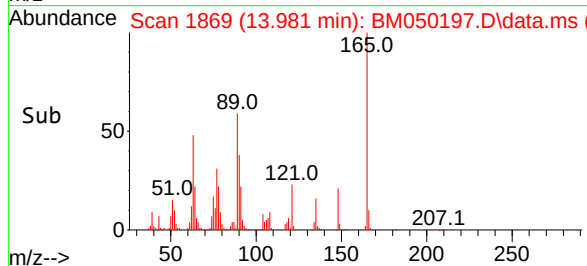
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 204779
Ion Ratio Lower Upper
165 100
63 47.7 35.8 53.6
89 59.1 44.8 67.2

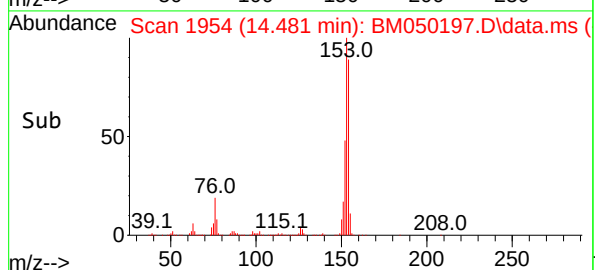
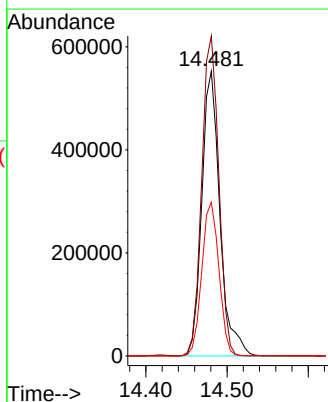
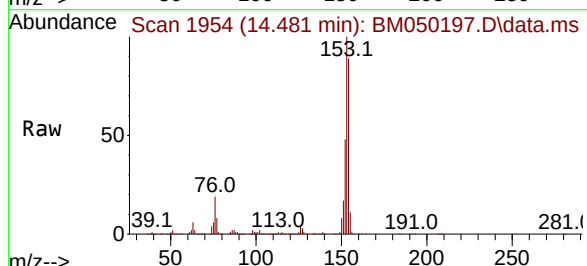
Manual Integrations
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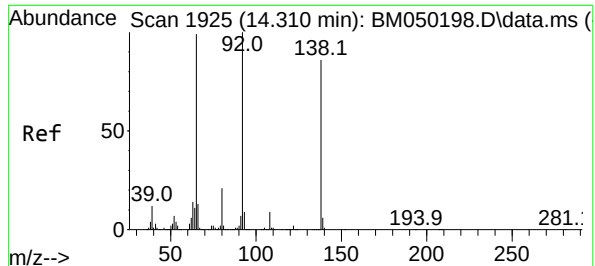
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#52
Acenaphthene
Concen: 20.128 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

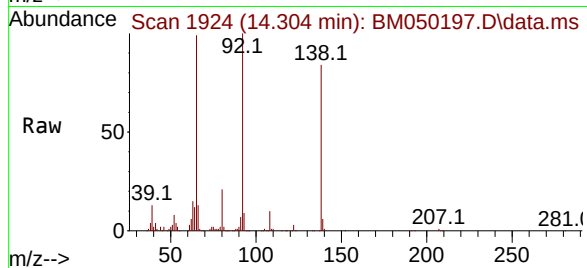
Tgt Ion:154 Resp: 854295
Ion Ratio Lower Upper
154 100
153 112.4 88.7 133.1
152 54.0 42.6 63.8





#53
3-Nitroaniline
Concen: 20.528 ng
RT: 14.304 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

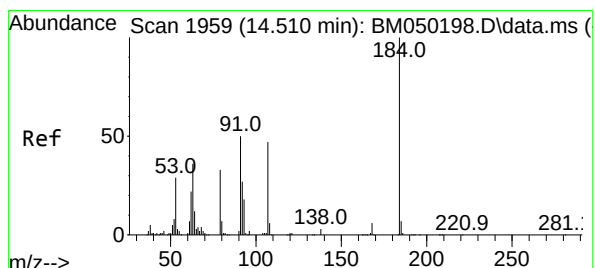
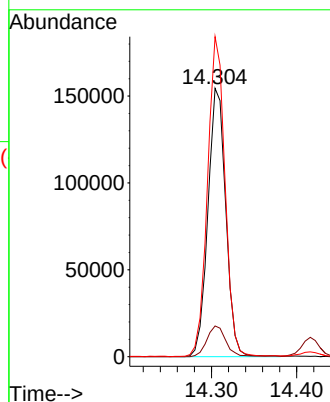
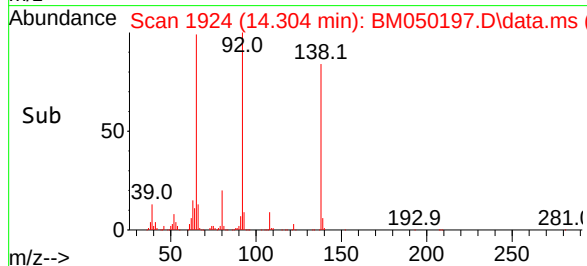
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 224884
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 119.3 92.9 139.3

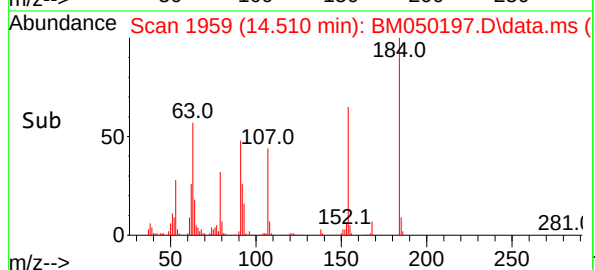
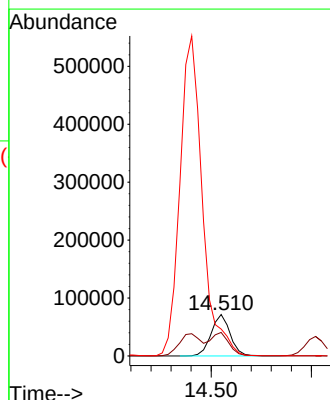
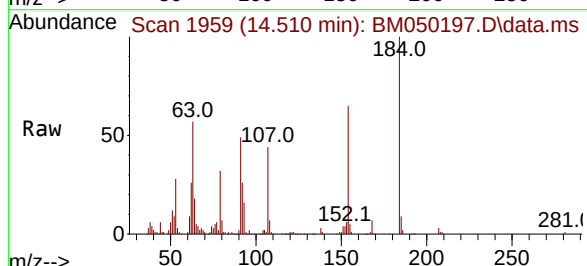
Manual Integrations
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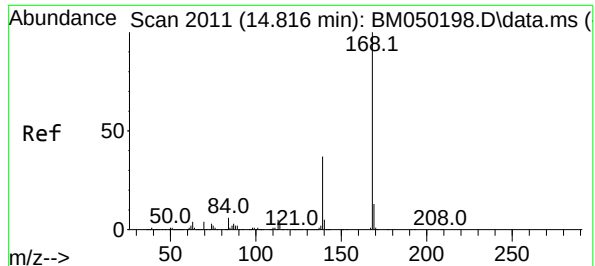
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#54
2,4-Dinitrophenol
Concen: 19.130 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:184 Resp: 94248
Ion Ratio Lower Upper
184 100
63 56.8 45.3 67.9
154 64.7 54.3 81.5





#55

Dibenzenofuran

Concen: 20.605 ng

RT: 14.816 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 127945

Ion Ratio Lower Upper

168 100

139 36.1 29.9 44.9

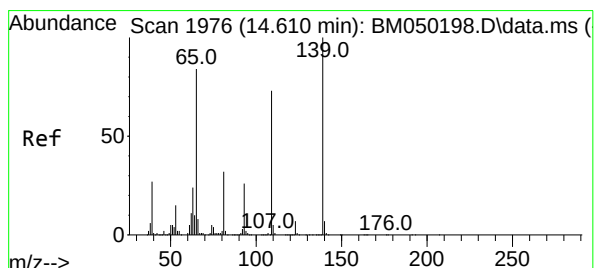
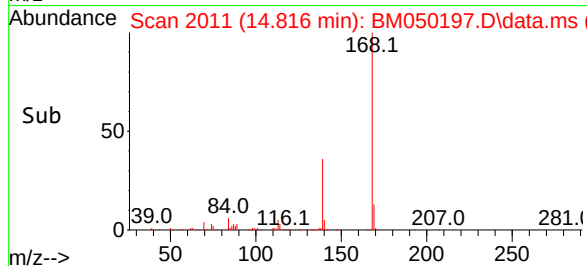
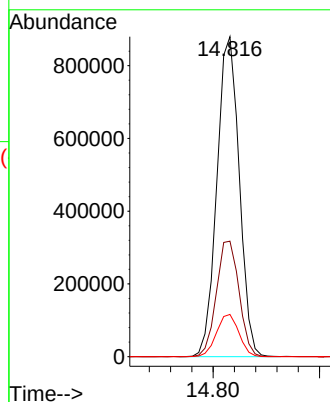
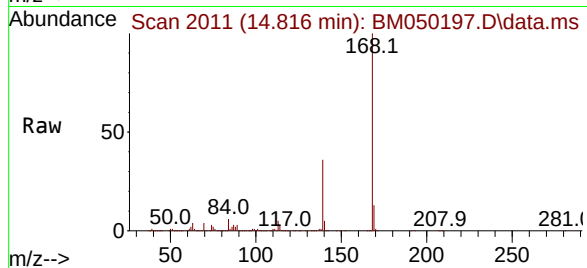
169 13.2 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#56

4-Nitrophenol

Concen: 20.518 ng

RT: 14.604 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

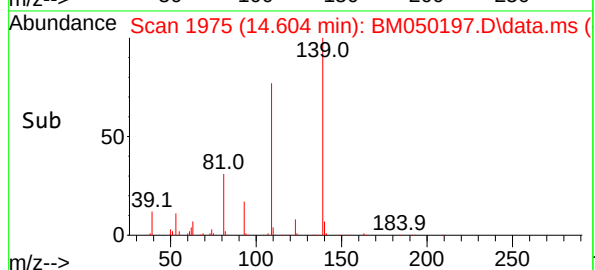
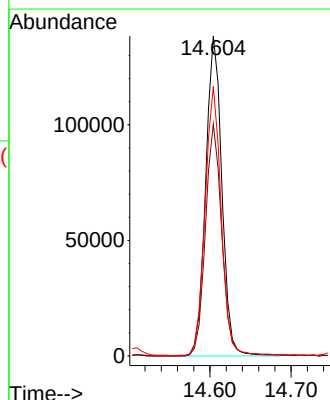
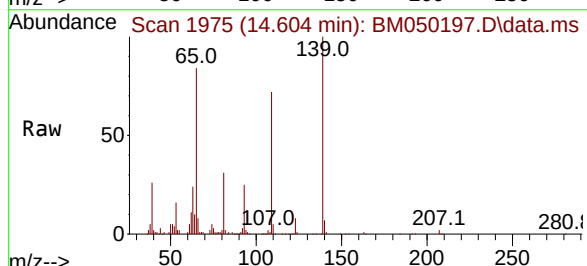
Tgt Ion:139 Resp: 191313

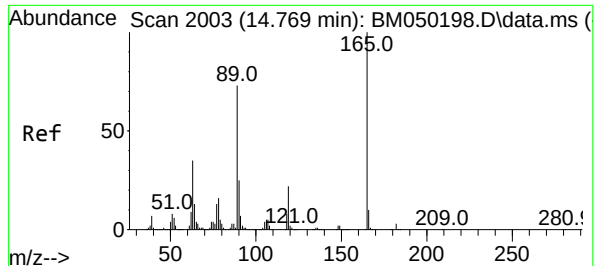
Ion Ratio Lower Upper

139 100

109 72.5 52.6 92.6

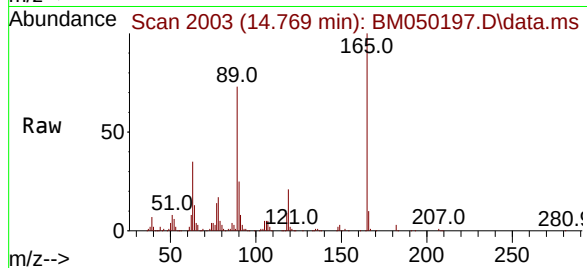
65 84.2 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 20.293 ng
RT: 14.769 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

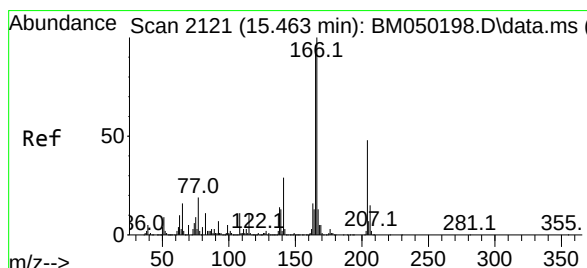
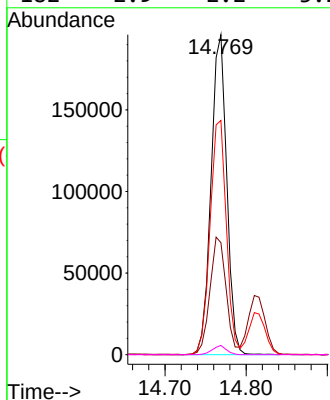
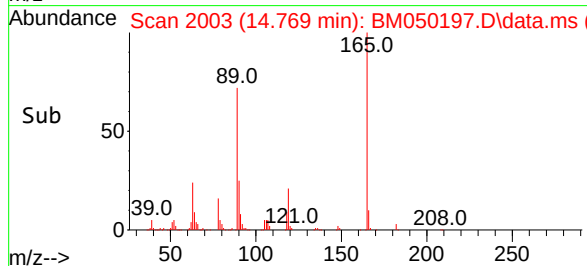
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 263119
Ion Ratio Lower Upper
165 100
63 35.0 28.4 42.6
89 73.2 58.0 87.0
182 2.9 2.2 3.2

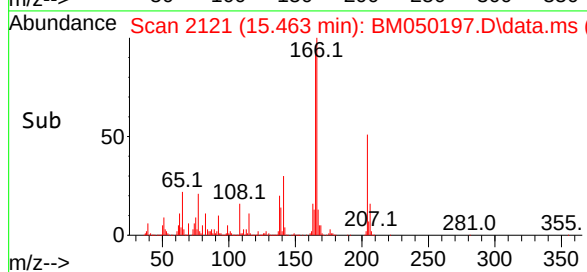
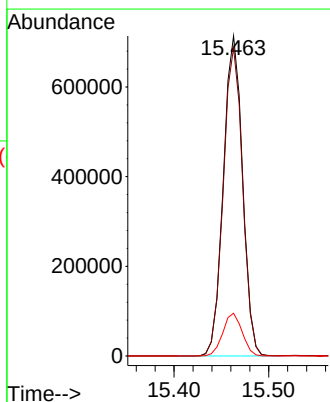
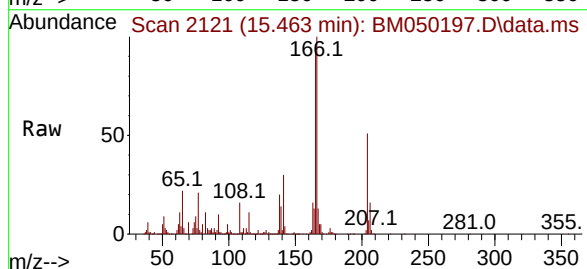
Manual Integrations
APPROVED

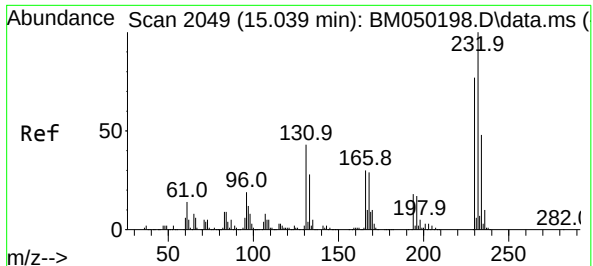
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#58
Fluorene
Concen: 21.126 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

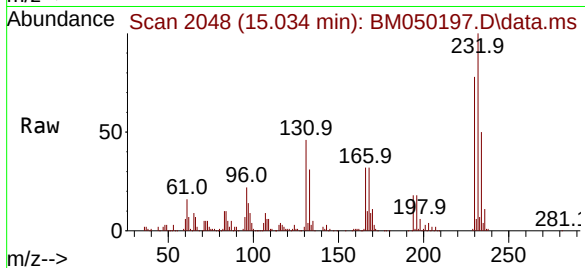
Tgt Ion:166 Resp: 1004752
Ion Ratio Lower Upper
166 100
165 96.3 77.0 115.4
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.493 ng
RT: 15.034 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

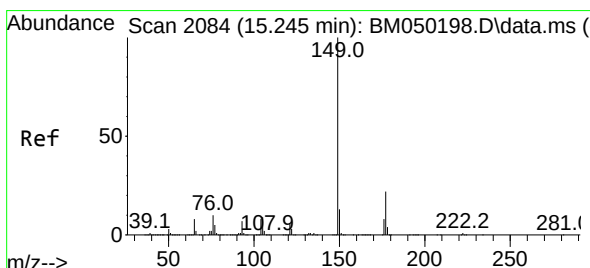
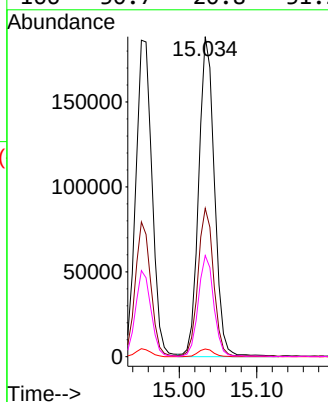
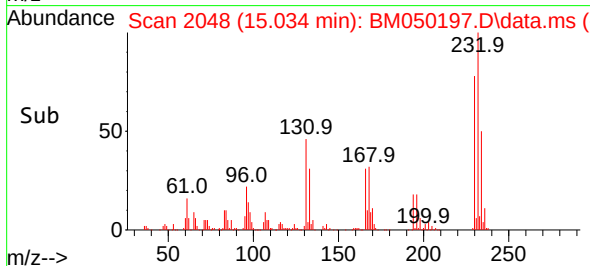
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 266421
Ion Ratio Lower Upper
232 100
131 45.6 32.9 49.3
130 2.3 1.8 2.8
166 30.7 20.8 31.2

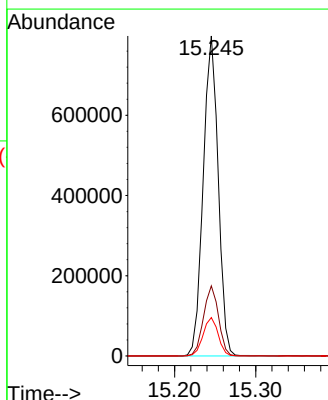
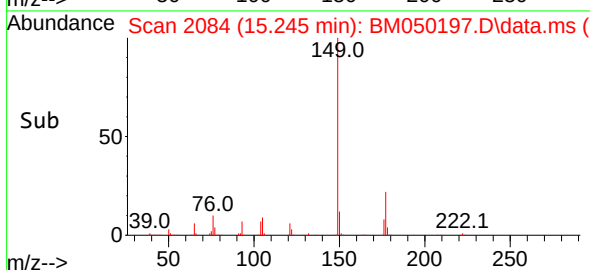
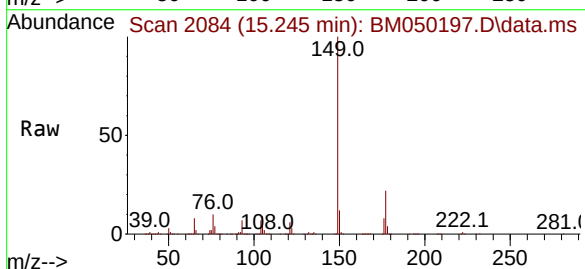
Manual Integrations
APPROVED

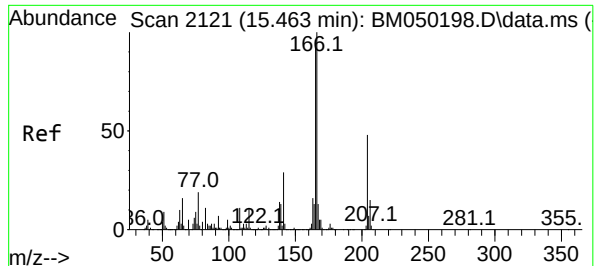
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#60
Diethylphthalate
Concen: 21.107 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

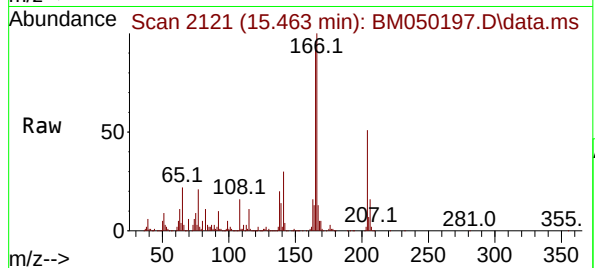
Tgt Ion:149 Resp: 1020737
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 20.921 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

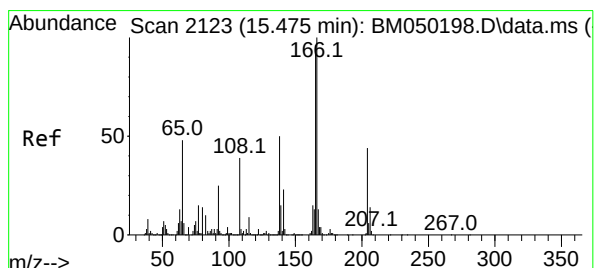
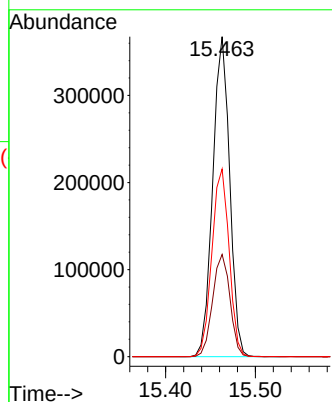
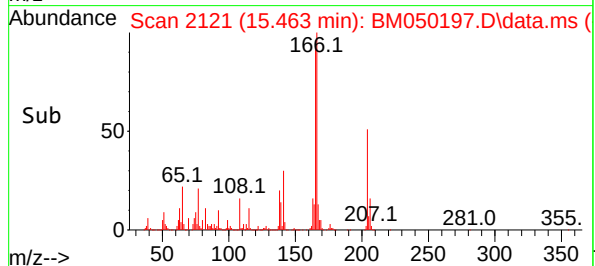
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 48088
Ion Ratio Lower Upper
204 100
206 32.0 25.4 38.0
141 58.6 47.9 71.9

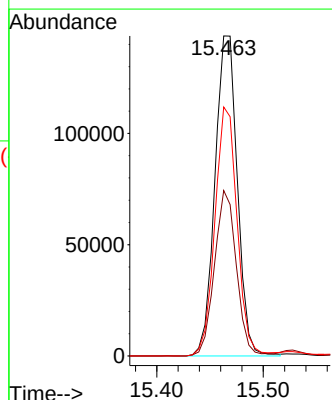
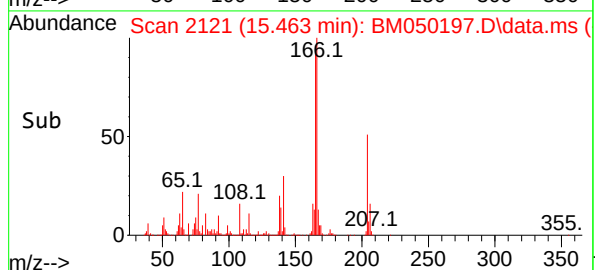
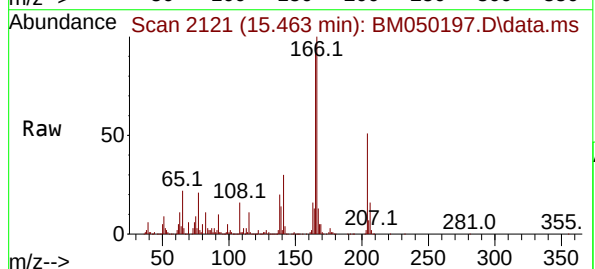
Manual Integrations
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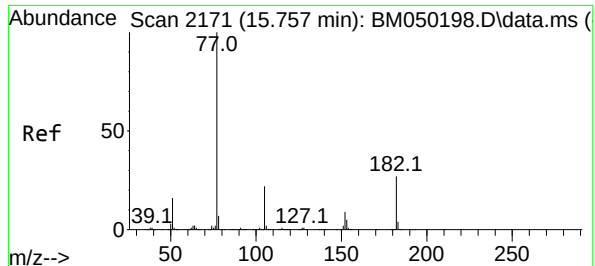
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#62
4-Nitroaniline
Concen: 20.456 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

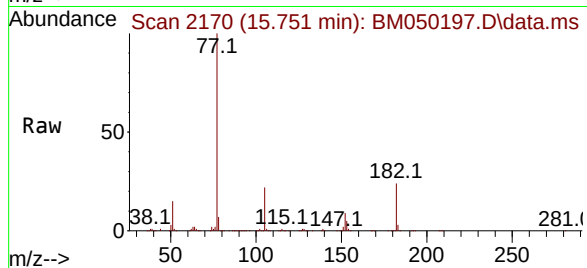
Tgt Ion:138 Resp: 210030
Ion Ratio Lower Upper
138 100
92 51.7 28.8 68.8
108 77.8 58.1 98.1





#63
Azobenzene
Concen: 21.101 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

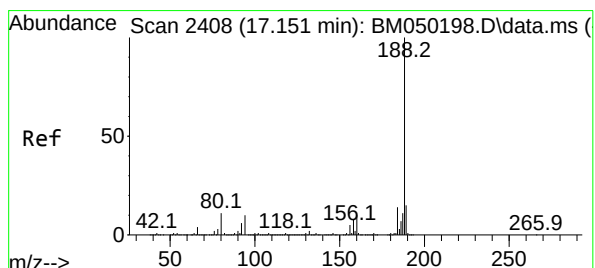
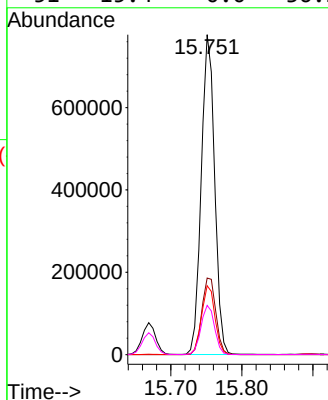
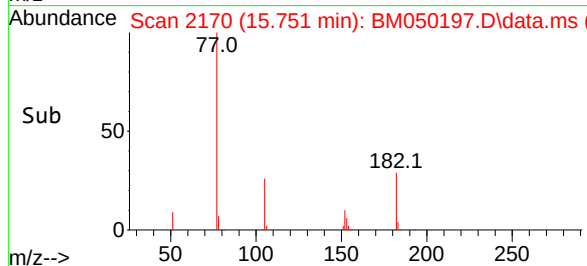
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 1019944
Ion Ratio Lower Upper
77 100
182 24.0 6.8 46.8
105 21.6 1.7 41.7
51 15.4 0.0 36.2

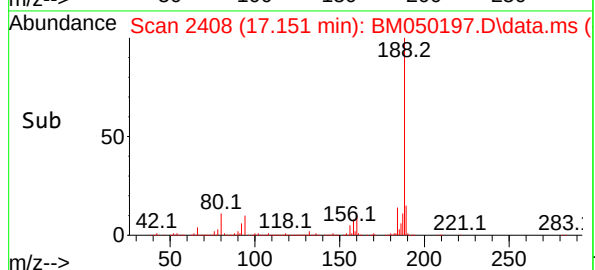
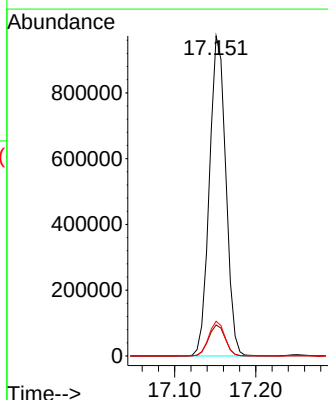
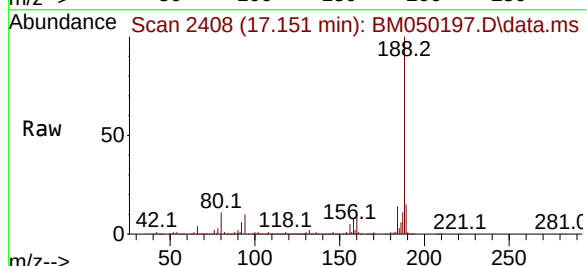
Manual Integrations
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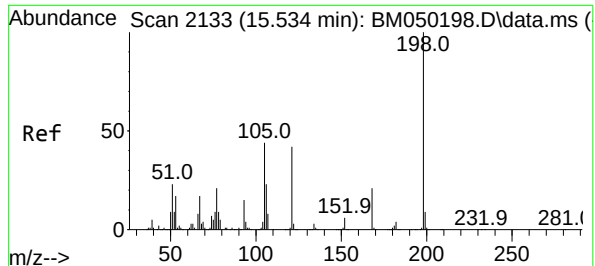
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

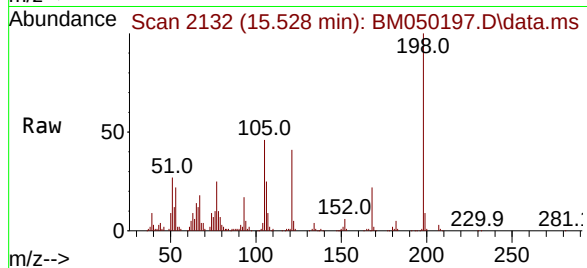
Tgt Ion:188 Resp: 1364843
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.9 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 18.514 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

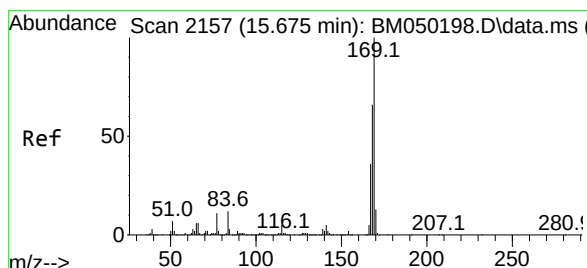
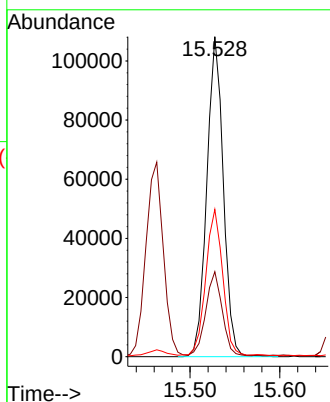
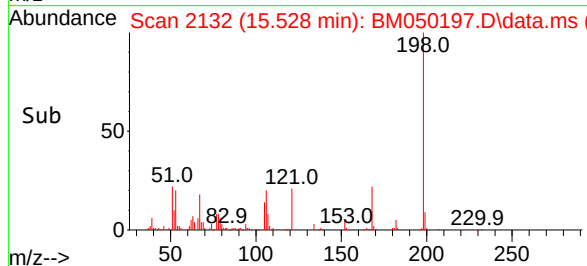
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 138015
Ion Ratio Lower Upper
198 100
51 26.6 4.5 44.5
105 46.0 24.9 64.9

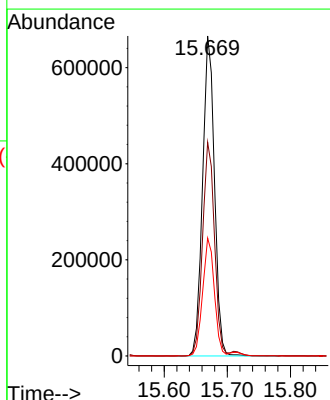
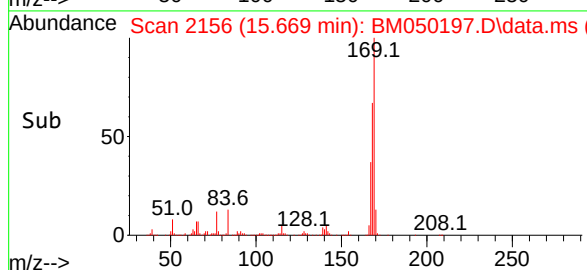
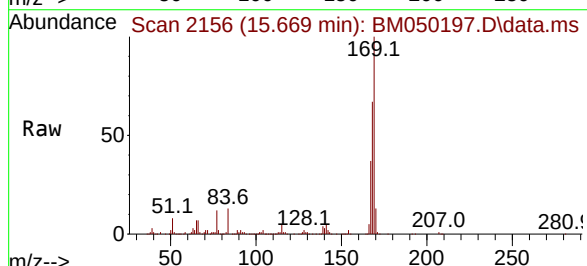
Manual Integrations
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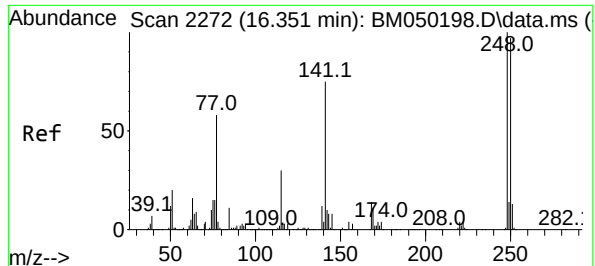
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#66
n-Nitrosodiphenylamine
Concen: 20.349 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

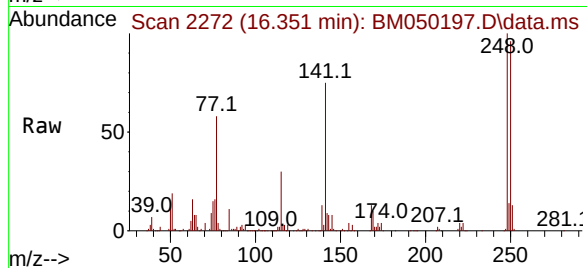
Tgt Ion:169 Resp: 872651
Ion Ratio Lower Upper
169 100
168 66.8 53.1 79.7
167 36.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 20.172 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

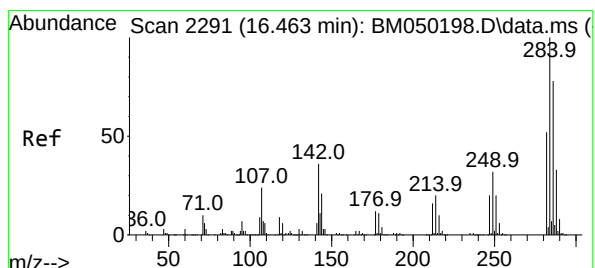
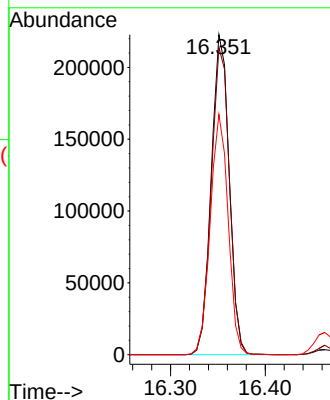
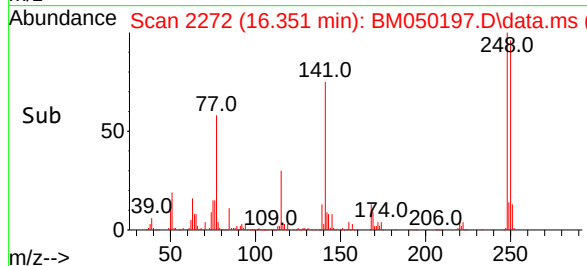
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 29358
Ion Ratio Lower Upper
248 100
250 96.0 78.0 117.0
141 75.1 60.1 90.1

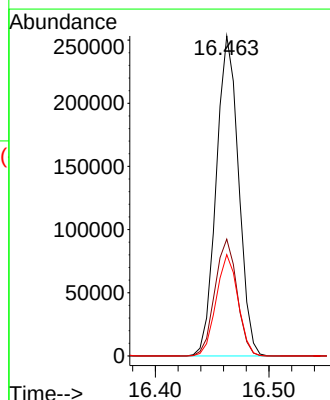
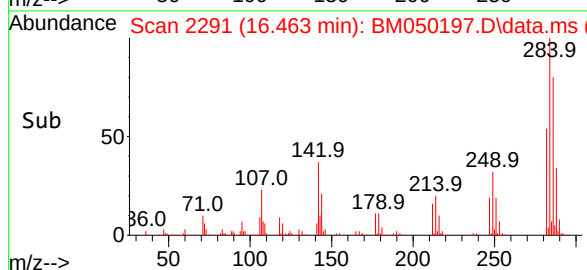
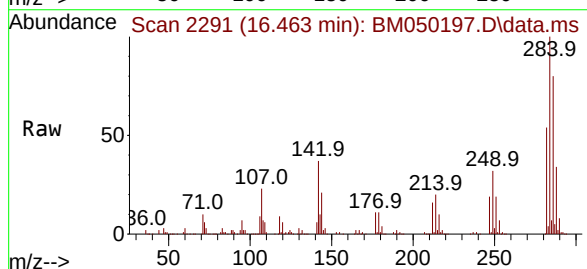
Manual Integrations
APPROVED

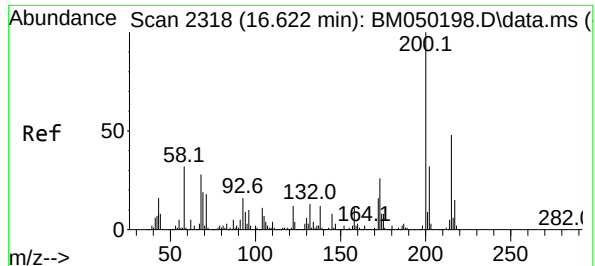
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#68
Hexachlorobenzene
Concen: 20.343 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

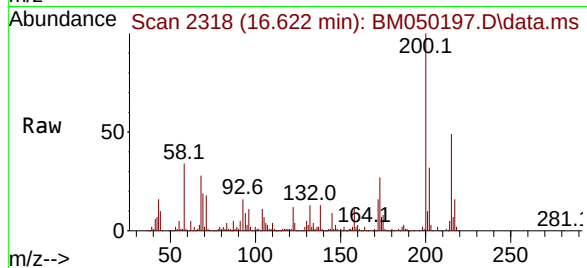
Tgt Ion:284 Resp: 345929
Ion Ratio Lower Upper
284 100
142 36.5 28.8 43.2
249 31.7 25.8 38.6





#69
Atrazine
Concen: 20.591 ng
RT: 16.622 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

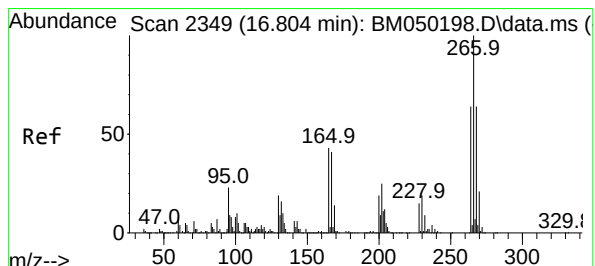
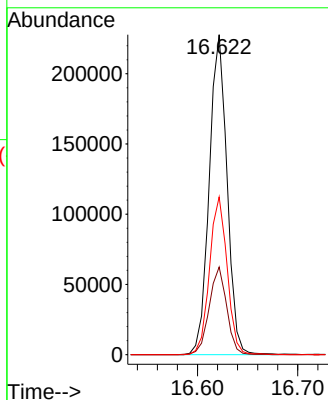
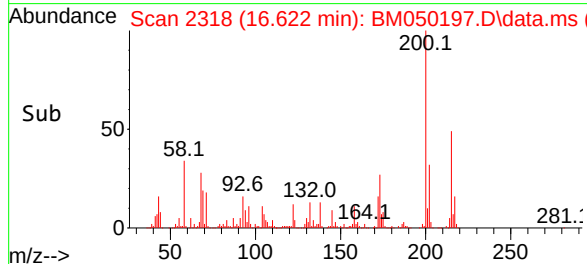
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 281360
Ion Ratio Lower Upper
200 100
173 27.4 6.0 46.0
215 49.3 28.1 68.1

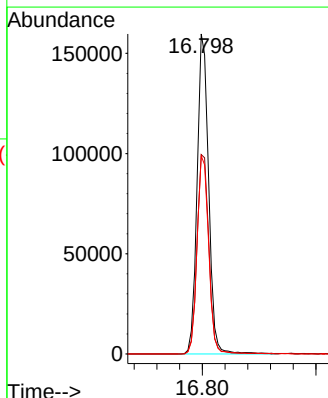
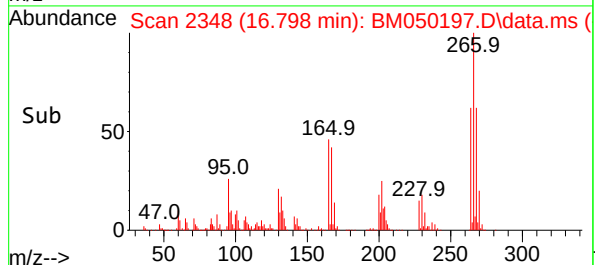
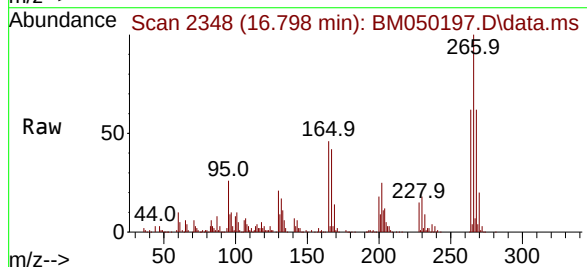
Manual Integrations
APPROVED

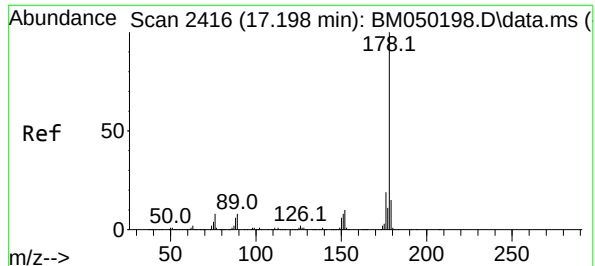
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#70
Pentachlorophenol
Concen: 20.396 ng
RT: 16.798 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

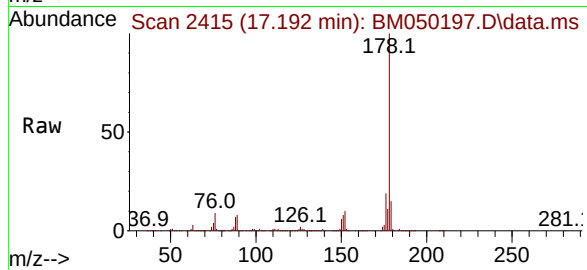
Tgt Ion:266 Resp: 225494
Ion Ratio Lower Upper
266 100
268 62.3 51.0 76.6
264 61.9 50.8 76.2





#71
Phenanthrene
Concen: 20.305 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

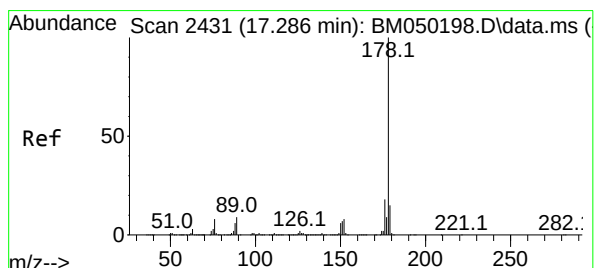
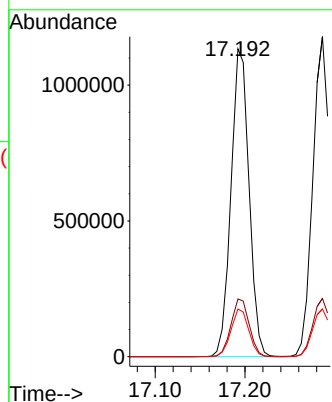
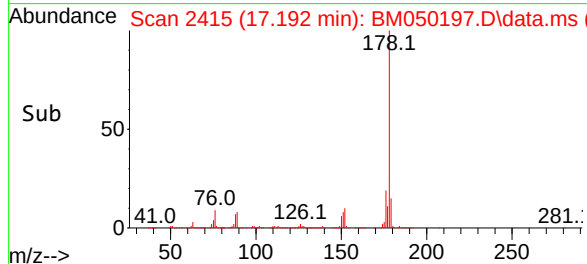
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 158318
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.5 12.3 18.5

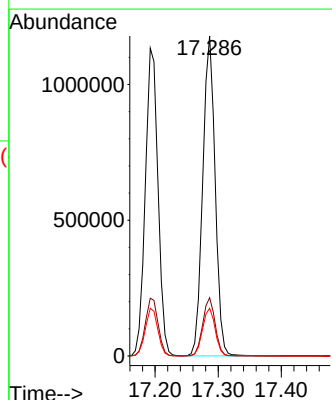
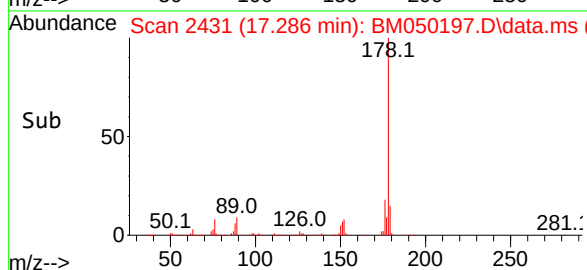
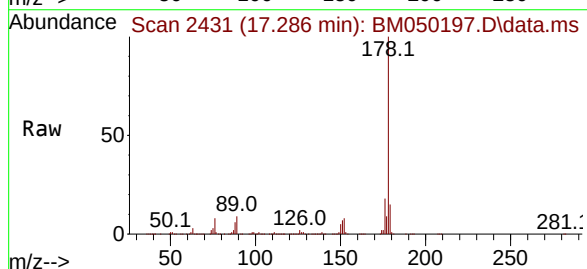
Manual Integrations
APPROVED

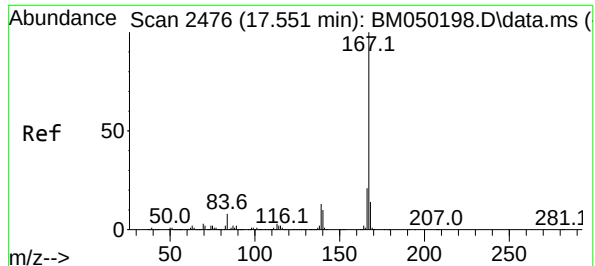
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#72
Anthracene
Concen: 20.560 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

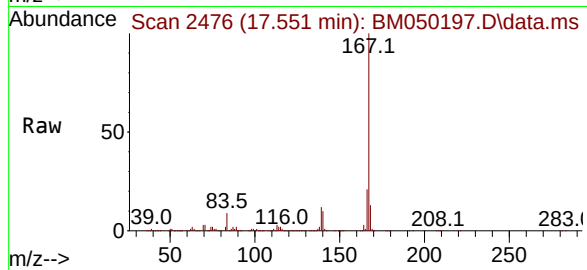
Tgt Ion:178 Resp: 1603637
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 14.9 12.3 18.5





#73
Carbazole
Concen: 20.414 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

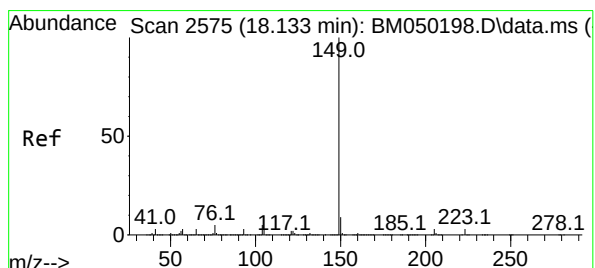
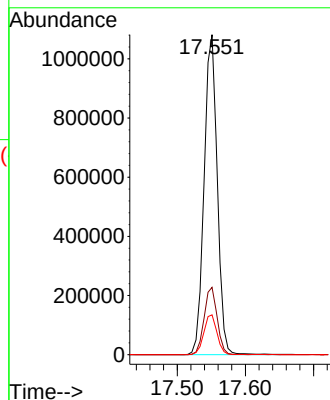
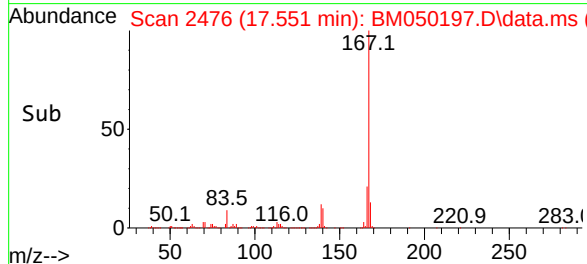
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



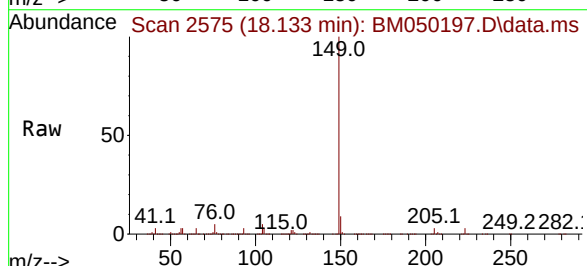
Tgt Ion:167 Resp: 145058
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.5 10.2 15.4

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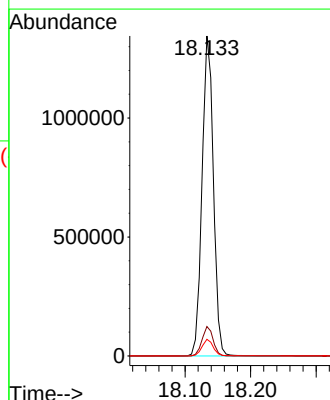
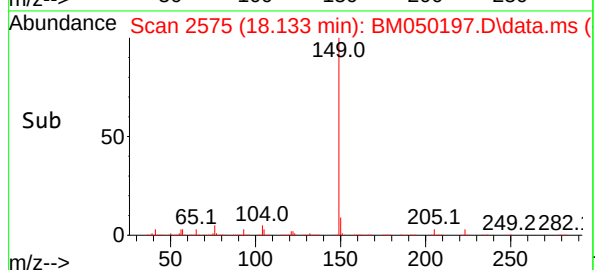
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

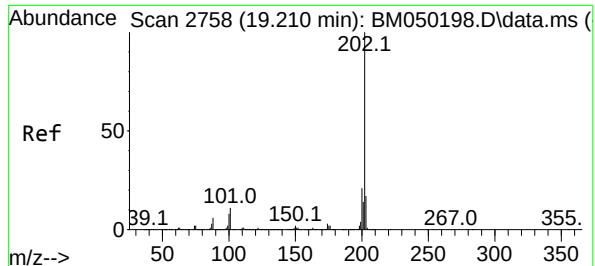


#74
Di-n-butylphthalate
Concen: 20.950 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



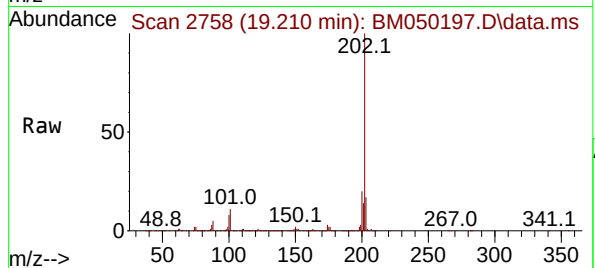
Tgt Ion:149 Resp: 1619797
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 20.431 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

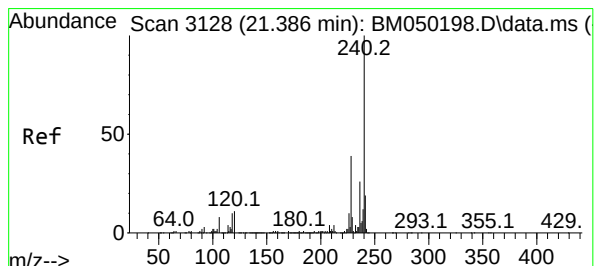
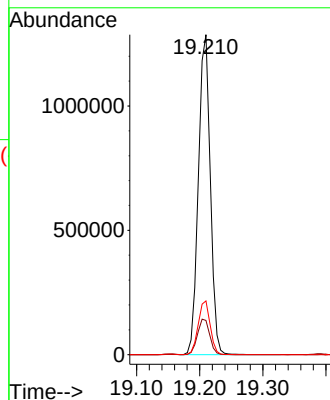
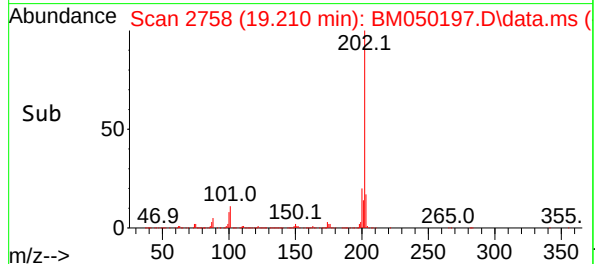
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 167994
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.1
203 16.8 0.0 37.0

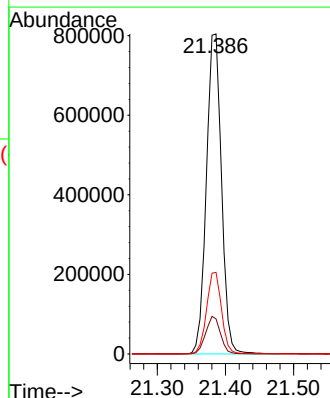
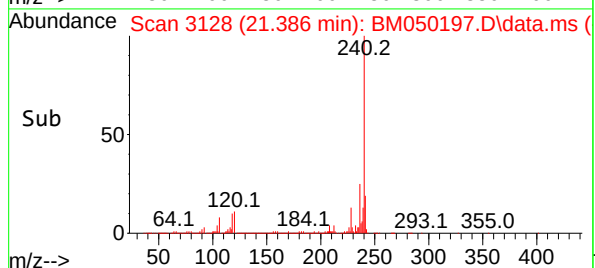
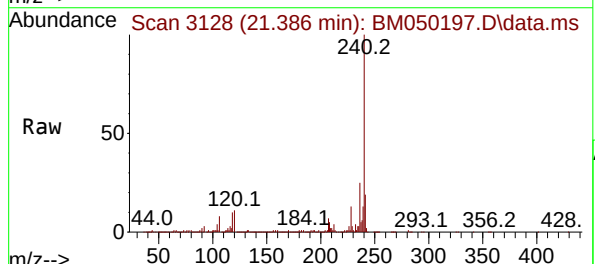
Manual Integrations
APPROVED

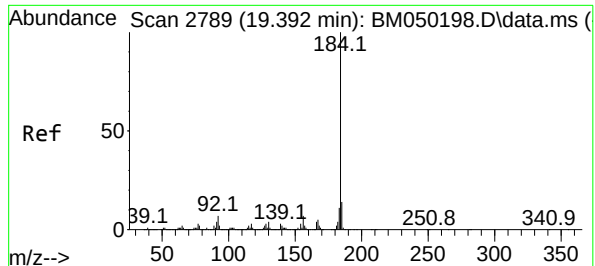
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

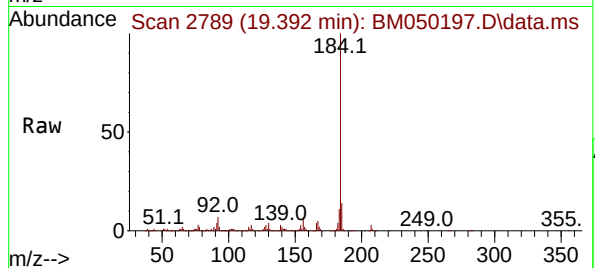
Tgt Ion:240 Resp: 1240830
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.5 20.7 31.1





#77
Benzidine
Concen: 20.194 ng
RT: 19.392 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

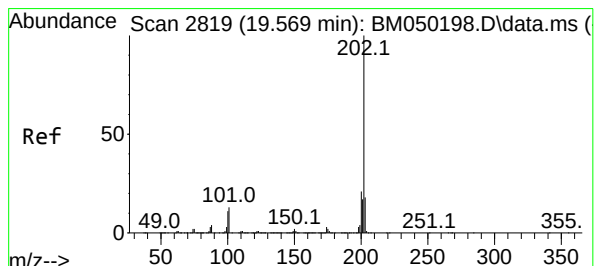
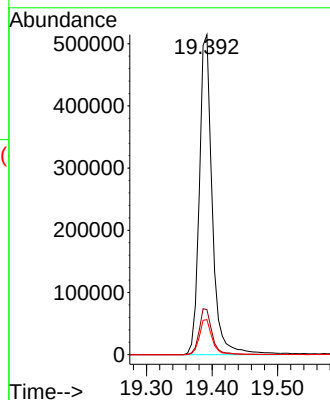
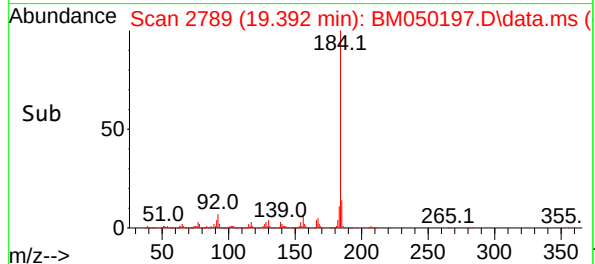
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 704620
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.0 9.0 13.4

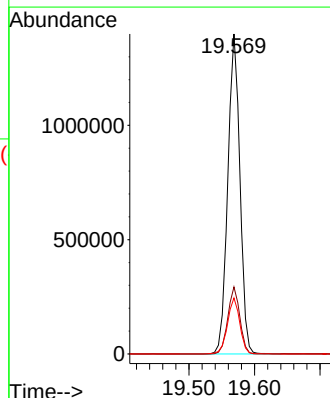
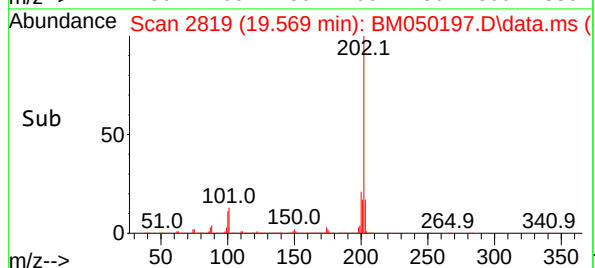
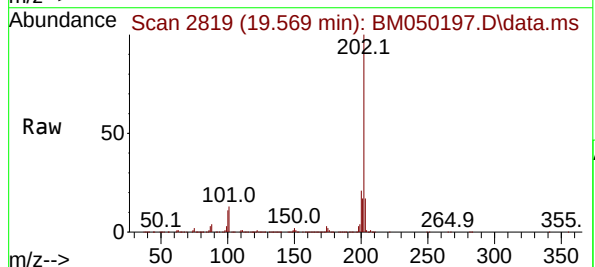
Manual Integrations
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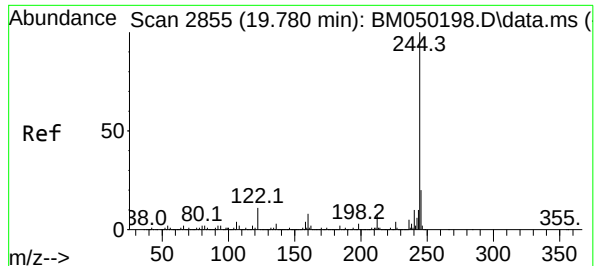
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#78
Pyrene
Concen: 21.427 ng
RT: 19.569 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

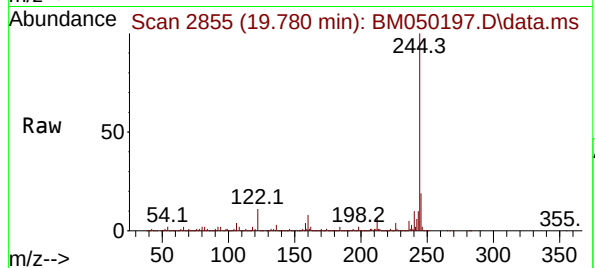
Tgt Ion:202 Resp: 1791963
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.5 14.1 21.1





#79
Terphenyl-d14
Concen: 44.169 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

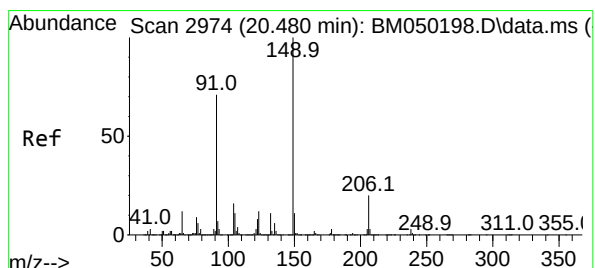
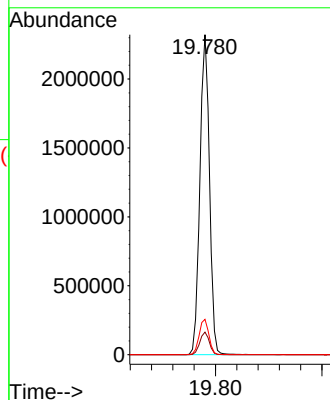
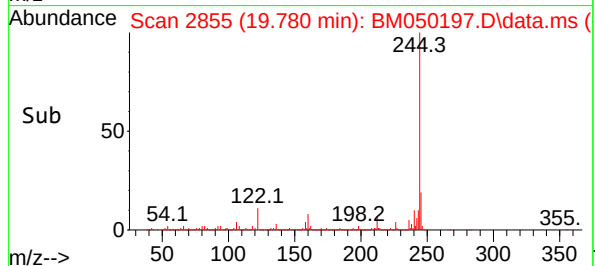
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 2892092
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 11.1 8.6 12.8

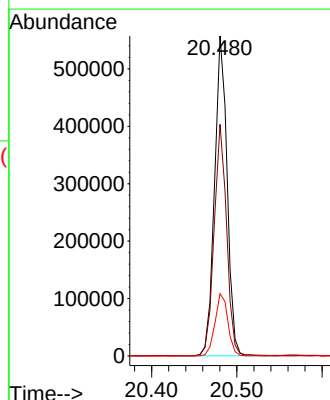
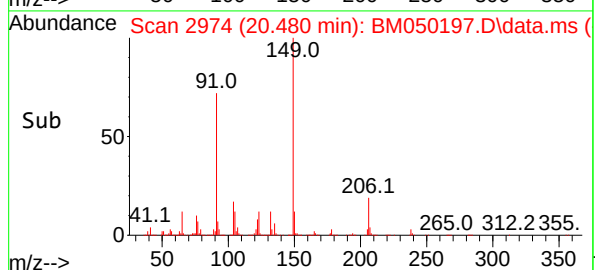
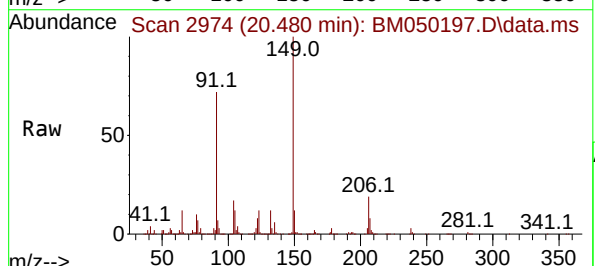
Manual Integrations
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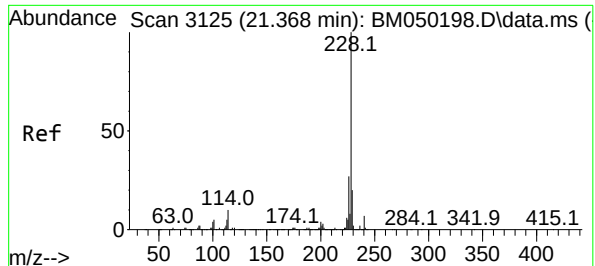
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#80
Butylbenzylphthalate
Concen: 20.453 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

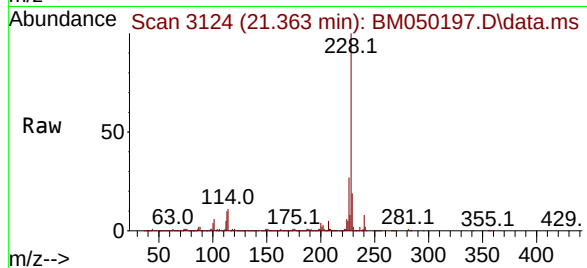
Tgt Ion:149 Resp: 570581
Ion Ratio Lower Upper
149 100
91 72.4 56.9 85.3
206 19.5 16.1 24.1





#81
Benzo(a)anthracene
Concen: 20.502 ng
RT: 21.363 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

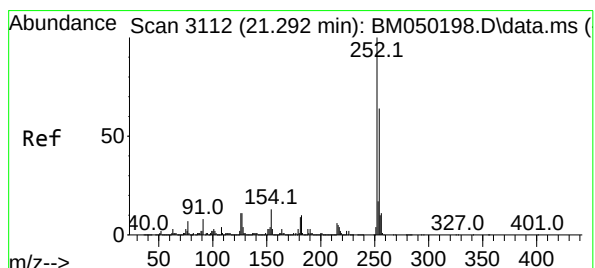
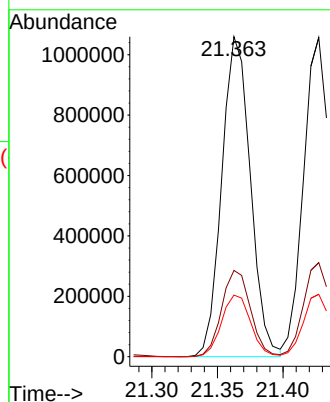
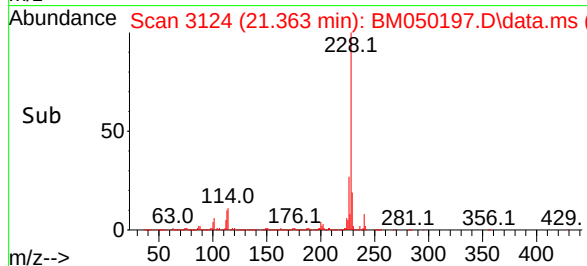
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 161020
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.2 15.7 23.5

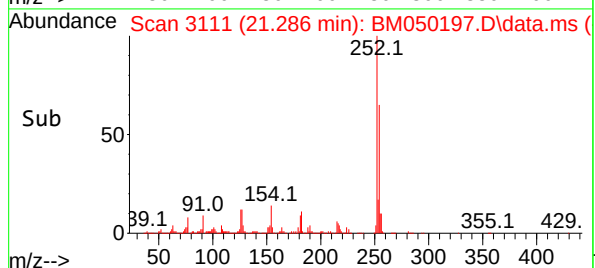
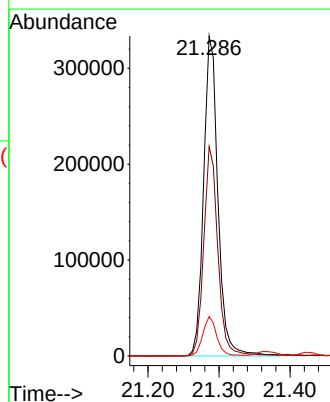
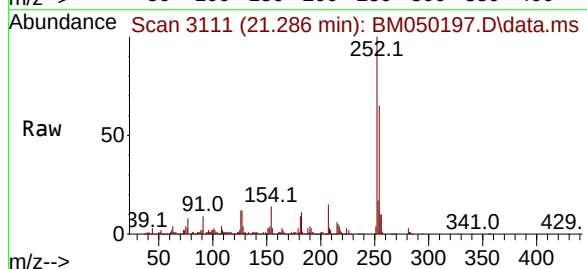
Manual Integrations
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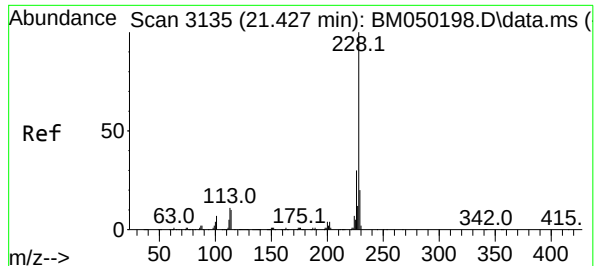
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.636 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

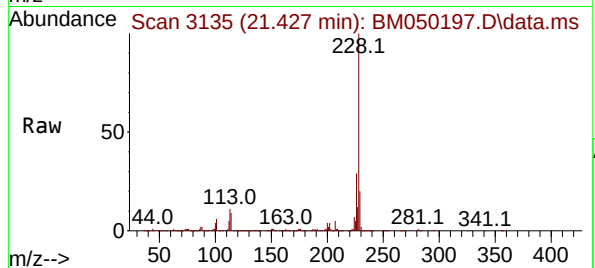
Tgt Ion:252 Resp: 470294
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 12.4 8.6 12.8





#83
Chrysene
Concen: 20.343 ng
RT: 21.427 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

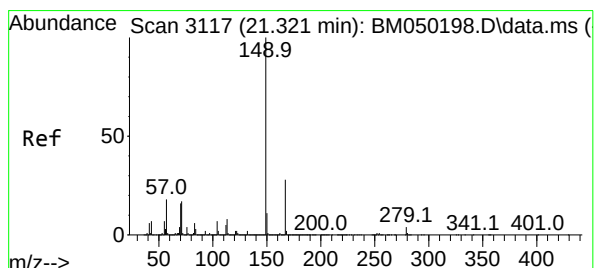
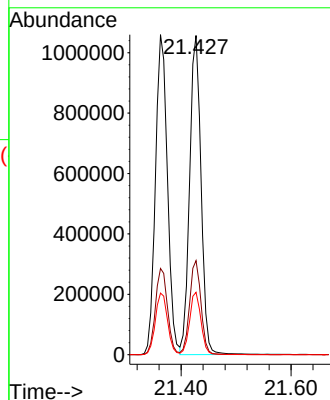
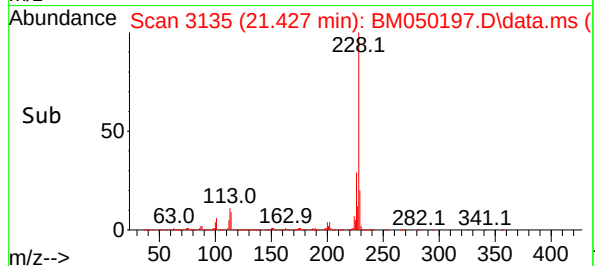
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 151982
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 19.6 15.8 23.8

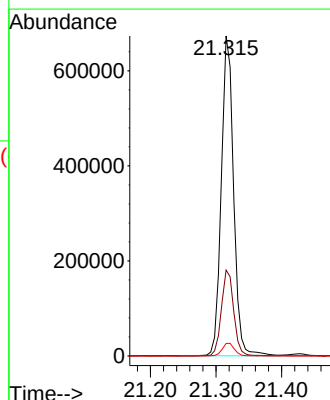
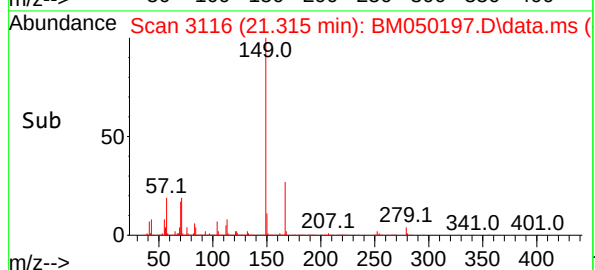
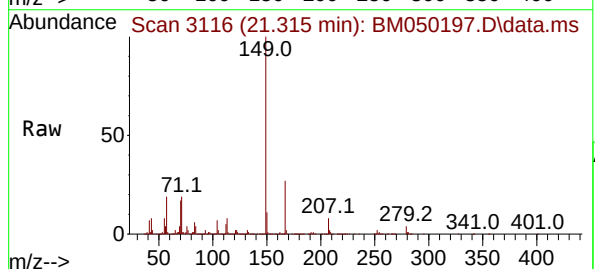
Manual Integrations
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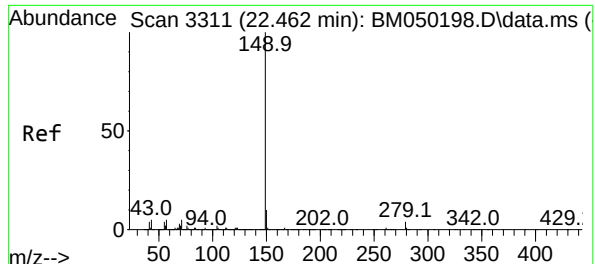
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.277 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

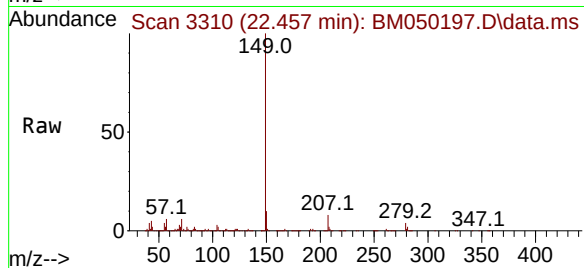
Tgt Ion:149 Resp: 871329
Ion Ratio Lower Upper
149 100
167 26.8 22.3 33.5
279 3.9 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 18.223 ng
RT: 22.457 min Scan# 311
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

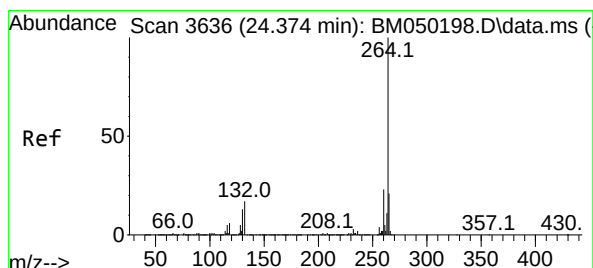
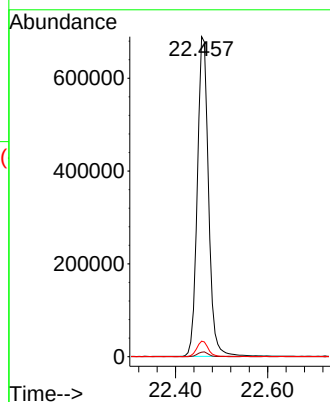
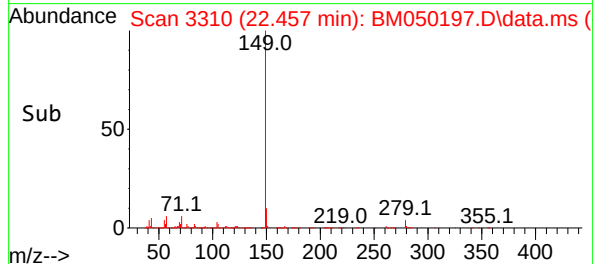
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 116195
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.1 3.8 5.8

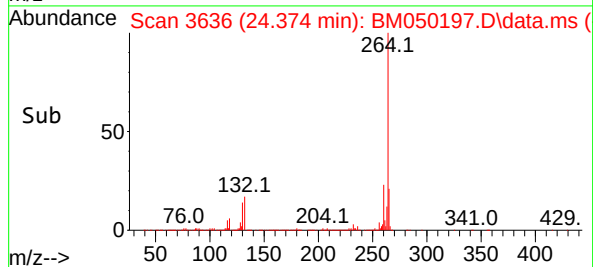
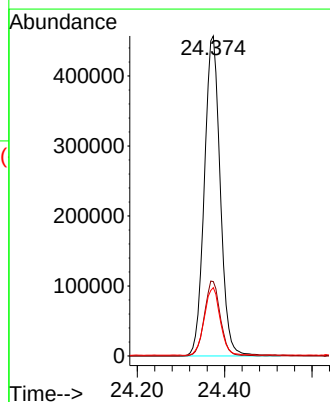
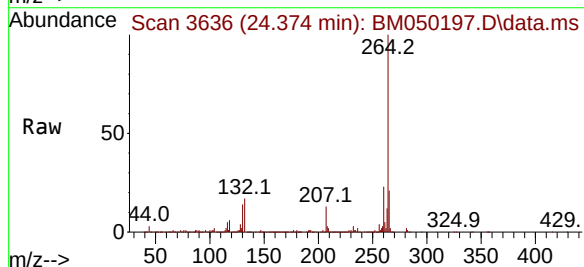
Manual Integrations
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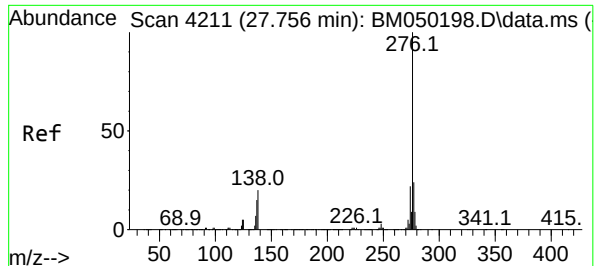
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

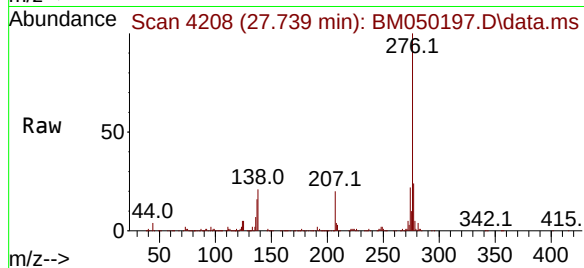
Tgt Ion:264 Resp: 1156806
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.4 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.472 ng
RT: 27.739 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

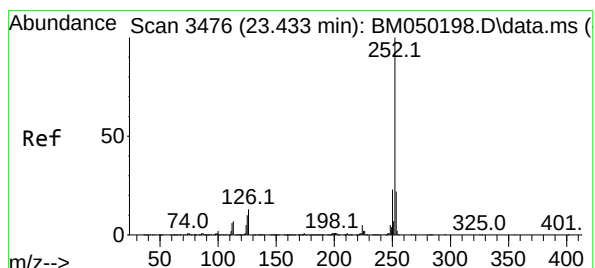
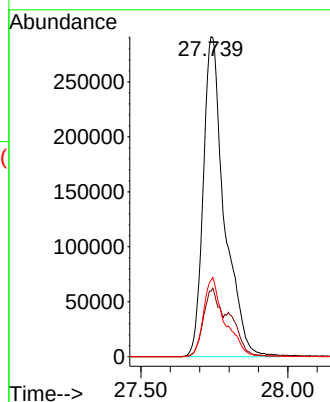
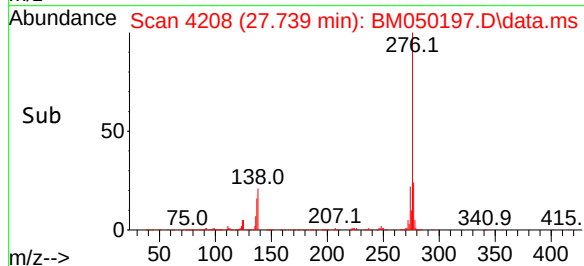
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 145038
Ion Ratio Lower Upper
276 100
138 16.7 20.6 30.8
277 25.0 19.8 29.6

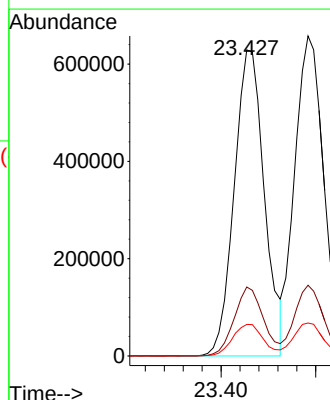
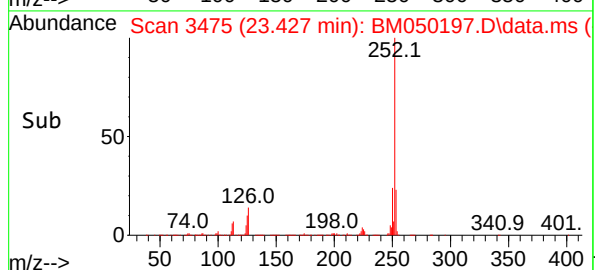
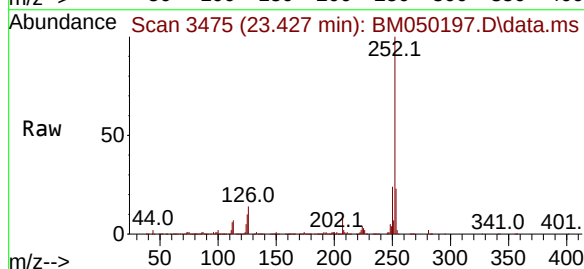
Manual Integrations
APPROVED

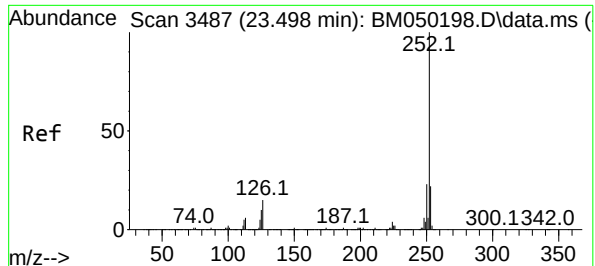
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#88
Benzo(b)fluoranthene
Concen: 20.720 ng
RT: 23.427 min Scan# 3475
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

Tgt Ion:252 Resp: 1393549
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 20.594 ng

RT: 23.492 min Scan# 3487

Delta R.T. -0.006 min

Lab File: BM050197.D

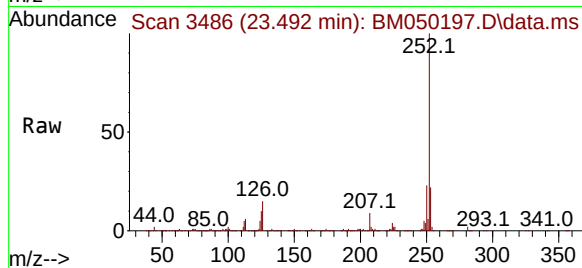
Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:252 Resp: 141397

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

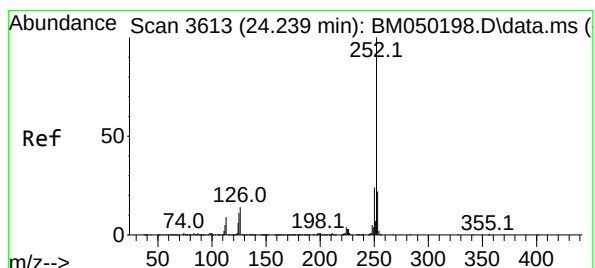
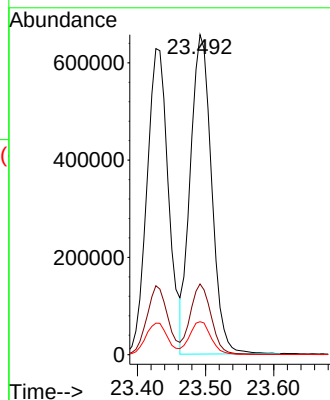
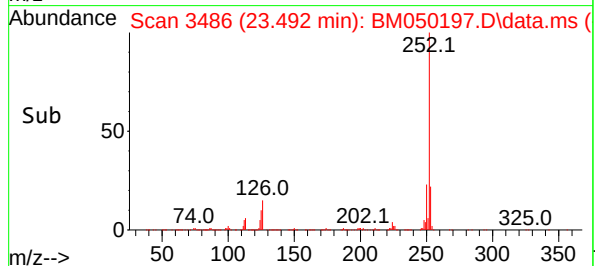
125 10.3 8.2 12.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#90

Benzo(a)pyrene

Concen: 20.315 ng

RT: 24.233 min Scan# 3612

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17

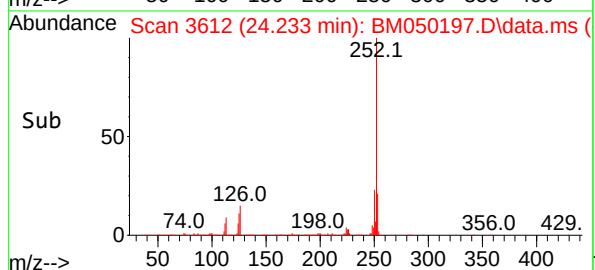
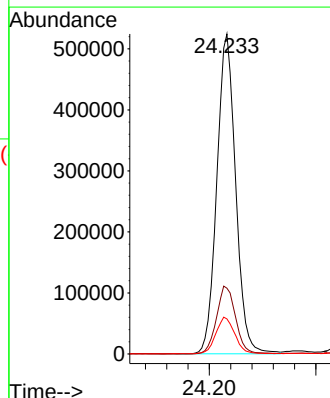
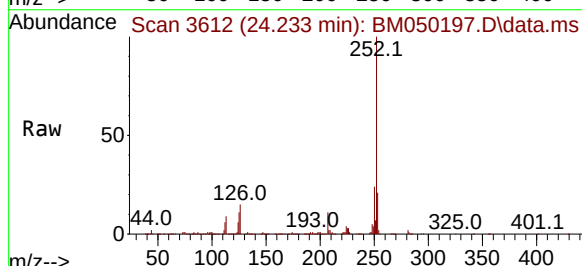
Tgt Ion:252 Resp: 1284647

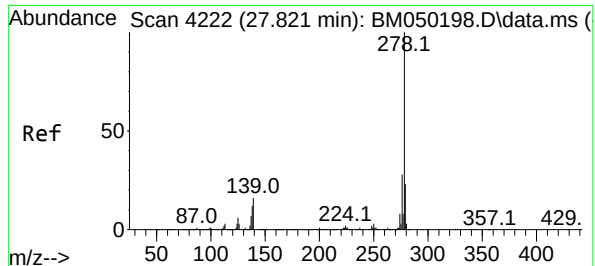
Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

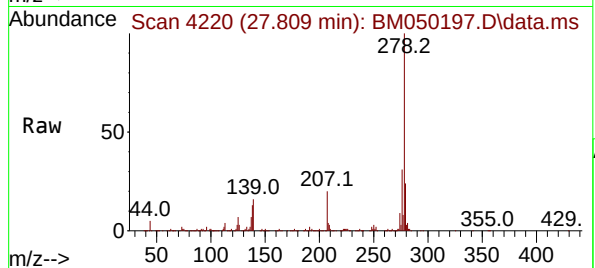
125 11.0 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 19.538 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

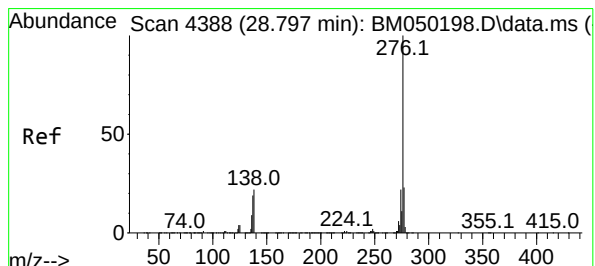
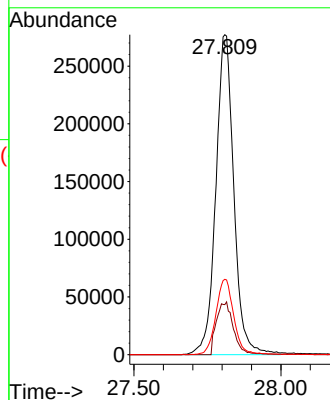
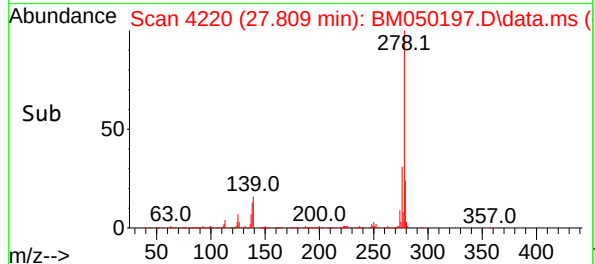
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



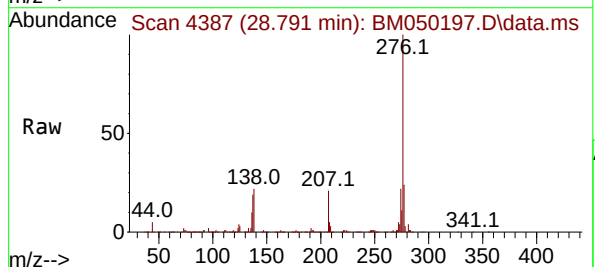
Tgt Ion:278 Resp: 1181274
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 23.6 18.6 28.0

Manual Integrations
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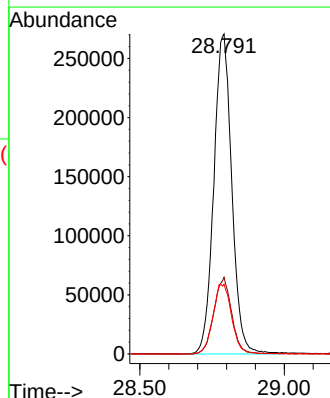
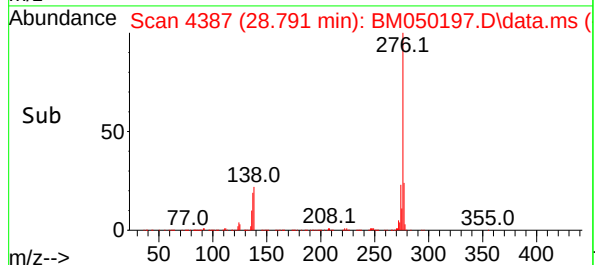
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#92
Benzo(g,h,i)perylene
Concen: 19.358 ng
RT: 28.791 min Scan# 4387
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



Tgt Ion:276 Resp: 1171360
Ion Ratio Lower Upper
276 100
277 24.0 18.6 27.8
138 21.8 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050198.D
 Acq On : 05 Jun 2025 11:57
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/05/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	308806	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1316349	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	819036	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1590674	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1484493	20.000	ng	0.00
86) Perylene-d12	24.374	264	1410376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1414880	76.431	ng	0.00
7) Phenol-d6	6.952	99	1932648	79.307	ng	0.00
23) Nitrobenzene-d5	8.940	82	1984901	78.422	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	756605	81.216	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4510866	74.564	ng	0.00
79) Terphenyl-d14	19.780	244	5997941	76.566	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	296051	36.484	ng	100
3) Pyridine	3.681	79	809743	38.534	ng	100
4) n-Nitrosodimethylamine	3.593	42	167736	38.601	ng	100
6) Aniline	7.116	93	1275182	39.583	ng	100
8) 2-Chlorophenol	7.352	128	799983	39.288	ng	100
9) Benzaldehyde	6.928	77	542319	35.003	ng	100
10) Phenol	6.975	94	1015393	39.380	ng	100
11) bis(2-Chloroethyl)ether	7.211	93	812045	39.155	ng	100
12) 1,3-Dichlorobenzene	7.681	146	871882	38.301	ng	100
13) 1,4-Dichlorobenzene	7.822	146	895582	37.813	ng	100
14) 1,2-Dichlorobenzene	8.140	146	865951	38.353	ng	100
15) Benzyl Alcohol	8.022	79	704555	40.536	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.322	45	561618	38.982	ng	100
17) 2-Methylphenol	8.222	107	684260	40.220	ng	100
18) Hexachloroethane	8.869	117	329145	38.374	ng	100
19) n-Nitroso-di-n-propyla...	8.599	70	618395	41.468	ng	100
20) 3+4-Methylphenols	8.552	107	932041	40.948	ng	100
22) Acetophenone	8.605	105	1252780	38.094	ng	100
24) Nitrobenzene	8.981	77	893607	38.820	ng	100
25) Isophorone	9.510	82	1735374	39.724	ng	100
26) 2-Nitrophenol	9.687	139	407943	41.055	ng	100
27) 2,4-Dimethylphenol	9.752	122	798142	39.057	ng	100
28) bis(2-Chloroethoxy)met...	9.993	93	1123606	39.371	ng	100
29) 2,4-Dichlorophenol	10.222	162	752942	39.853	ng	100
30) 1,2,4-Trichlorobenzene	10.440	180	803693	38.227	ng	100
31) Naphthalene	10.628	128	2571805	37.788	ng	100
32) Benzoic acid	9.875	122	538152	41.942	ng	100
33) 4-Chloroaniline	10.728	127	1139540	39.273	ng	100
34) Hexachlorobutadiene	10.922	225	480290	38.406	ng	100
35) Caprolactam	11.499	113	256391	42.805	ng	100
36) 4-Chloro-3-methylphenol	11.851	107	824664	40.906	ng	100
37) 2-Methylnaphthalene	12.240	142	1619990	39.456	ng	100
38) 1-Methylnaphthalene	12.457	142	1708673	39.210	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	886232	37.472	ng	100
41) Hexachlorocyclopentadiene	12.598	237	558871	38.910	ng	100
43) 2,4,6-Trichlorophenol	12.845	196	613571	39.450	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050198.D
 Acq On : 05 Jun 2025 11:57
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/05/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	678534	39.736	ng	100
46) 1,1'-Biphenyl	13.257	154	2299241	37.491	ng	100
47) 2-Chloronaphthalene	13.293	162	1775515	37.239	ng	100
48) 2-Nitroaniline	13.487	65	439212	41.860	ng	100
49) Acenaphthylene	14.140	152	2979847	38.640	ng	100
50) Dimethylphthalate	13.881	163	2200039	39.718	ng	100
51) 2,6-Dinitrotoluene	13.987	165	473177	42.359	ng	100
52) Acenaphthene	14.481	154	1854951	38.456	ng	100
53) 3-Nitroaniline	14.310	138	529333	42.518	ng	100
54) 2,4-Dinitrophenol	14.510	184	249778	37.659	ng	100
55) Dibenzofuran	14.816	168	2721863	38.571	ng	100
56) 4-Nitrophenol	14.610	139	449268	42.399	ng	100
57) 2,4-Dinitrotoluene	14.769	165	648297	43.996	ng	100
58) Fluorene	15.463	166	2075880	38.407	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	597496m	40.441	ng	
60) Diethylphthalate	15.245	149	2205514	40.130	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	1001298	38.331	ng	100
62) 4-Nitroaniline	15.475	138	503785	43.174	ng	100
63) Azobenzene	15.757	77	2151453	39.165	ng	100
65) 4,6-Dinitro-2-methylph...	15.534	198	353237	40.658	ng	100
66) n-Nitrosodiphenylamine	15.675	169	1888442	37.784	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	648140	38.210	ng	100
68) Hexachlorobenzene	16.463	284	755736	38.133	ng	100
69) Atrazine	16.622	200	654294	41.086	ng	100
70) Pentachlorophenol	16.804	266	520982	40.433	ng	100
71) Phenanthrene	17.198	178	3406564	37.488	ng	100
72) Anthracene	17.286	178	3455118	38.008	ng	100
73) Carbazole	17.551	167	3209816	38.758	ng	100
74) Di-n-butylphthalate	18.133	149	3688687	40.935	ng	100
75) Fluoranthene	19.210	202	3748435	39.116	ng	100
77) Benzidine	19.392	184	1831158	43.865	ng	100
78) Pyrene	19.569	202	3930978	39.288	ng	100
80) Butylbenzylphthalate	20.480	149	1455291	43.604	ng	100
81) Benzo(a)anthracene	21.368	228	3616438	38.488	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1232348	43.008	ng	100
83) Chrysene	21.427	228	3415842	38.218	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2198448	42.764	ng	100
85) Di-n-octyl phthalate	22.462	149	3308886	43.375	ng	100
87) Indeno(1,2,3-cd)pyrene	27.756	276	3359194	36.991	ng	100
88) Benzo(b)fluoranthene	23.433	252	3299020	40.232	ng	100
89) Benzo(k)fluoranthene	23.498	252	3292030	39.327	ng	100
90) Benzo(a)pyrene	24.239	252	3048619	39.542	ng	100
91) Dibenzo(a,h)anthracene	27.821	278	2740891	37.184	ng	100
92) Benzo(g,h,i)perylene	28.797	276	2690355	36.467	ng	100

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

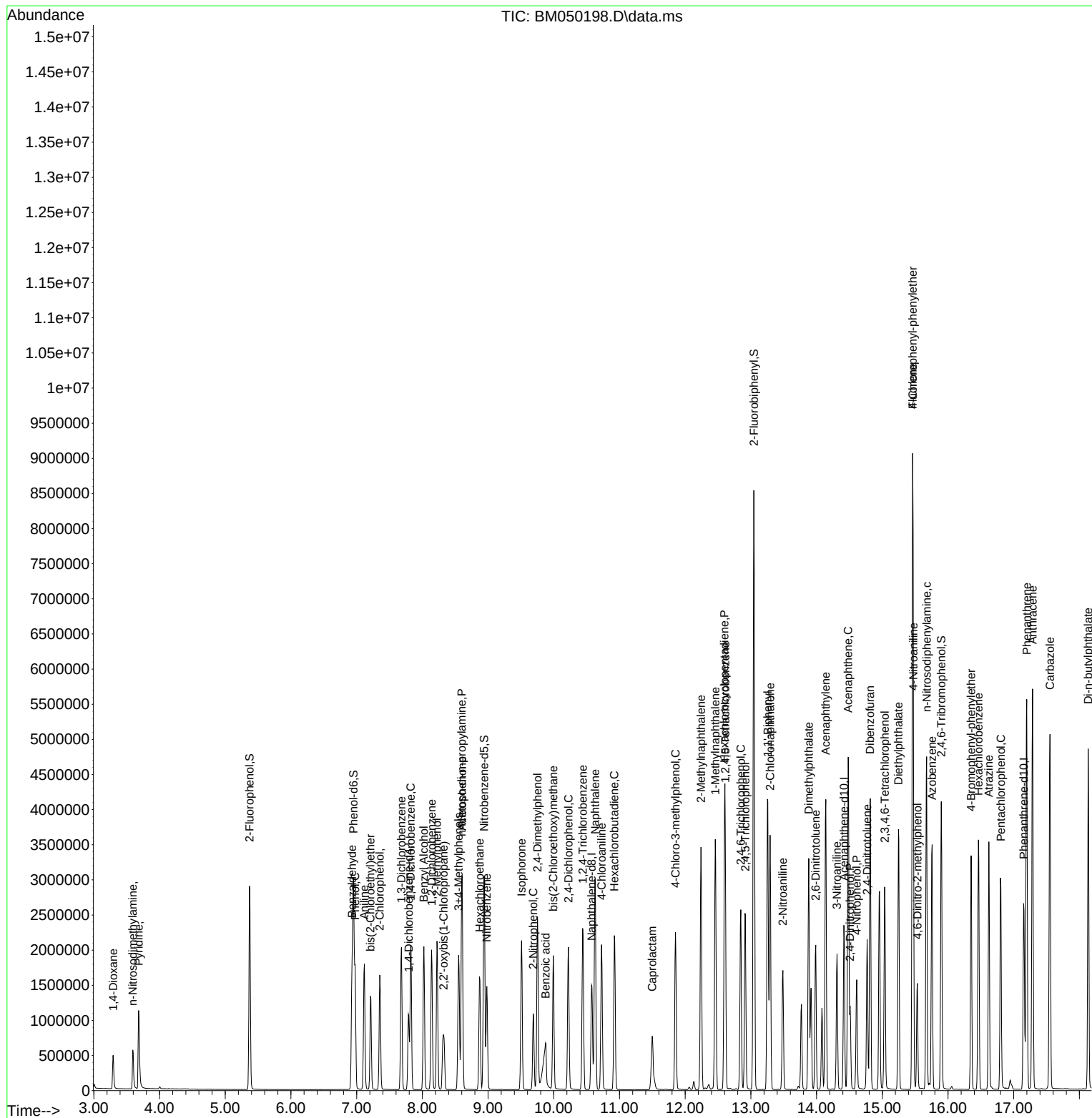
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



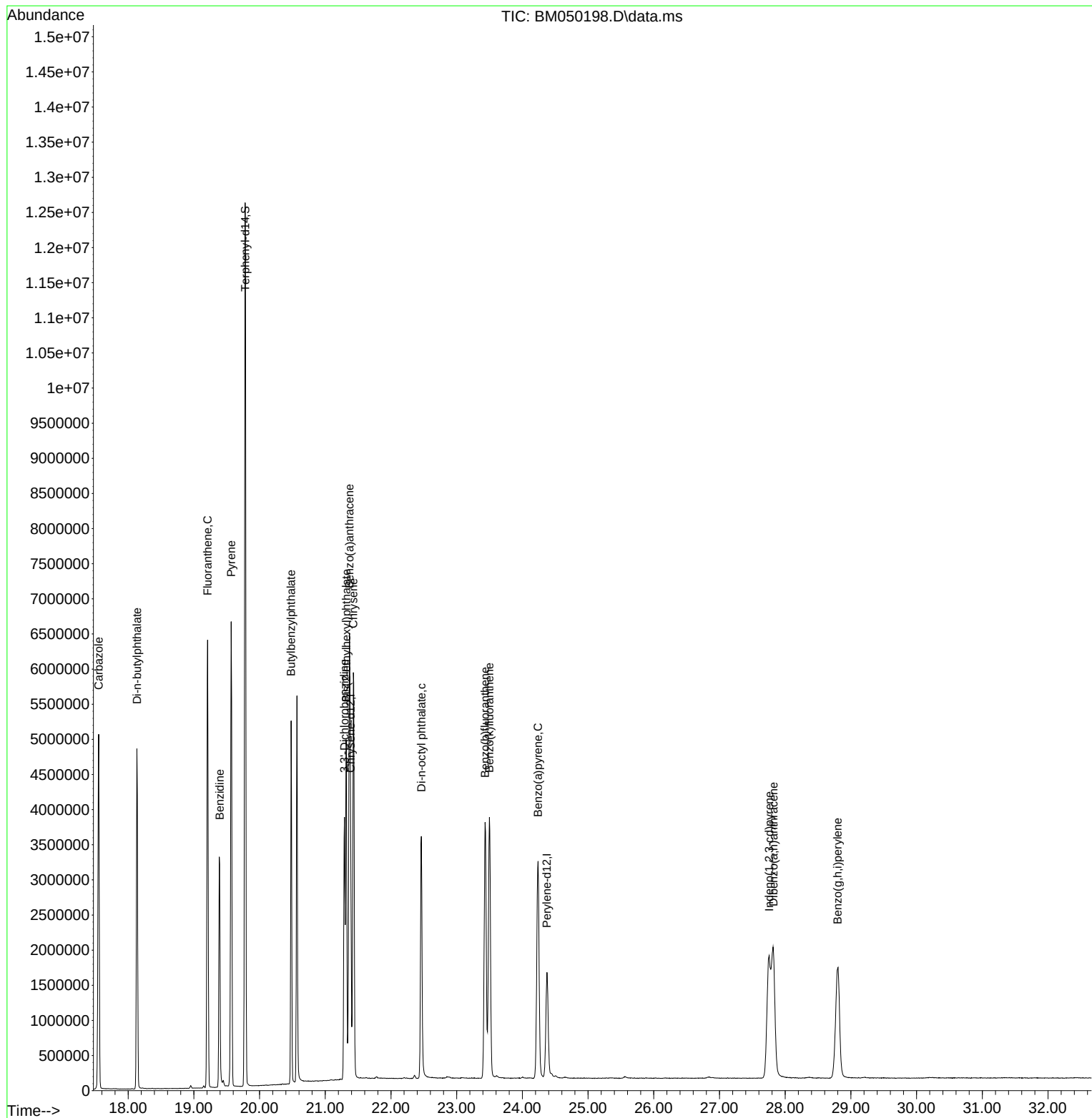
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Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

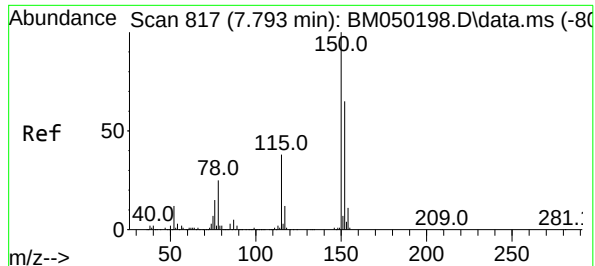
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

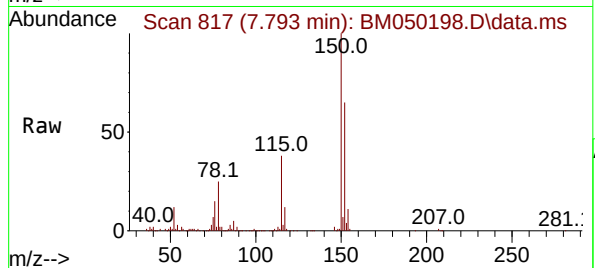
Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

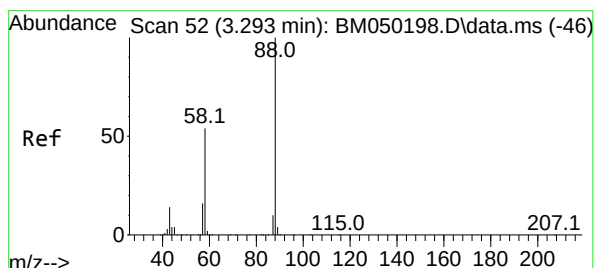
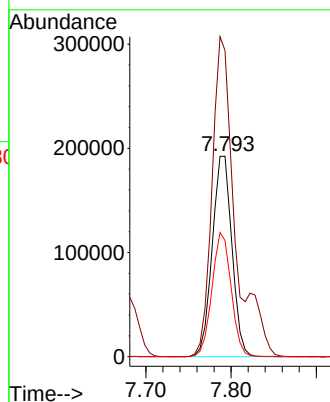
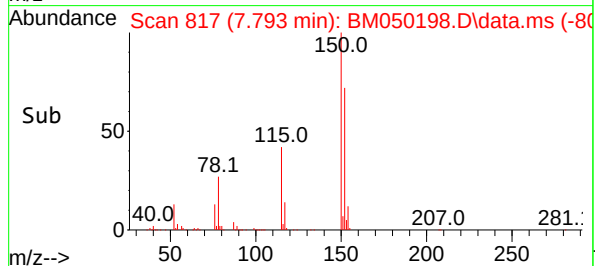
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 308800
Ion Ratio Lower Upper
152 100
150 152.8 122.2 183.4
115 57.9 46.3 69.5

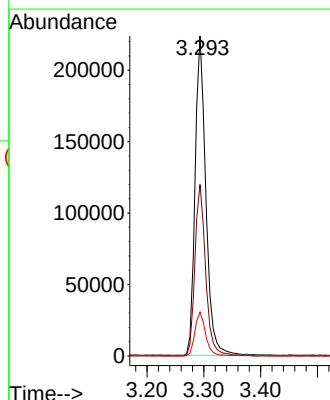
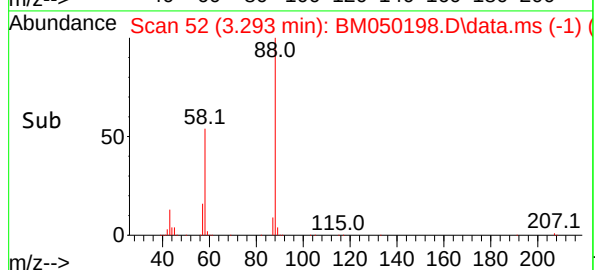
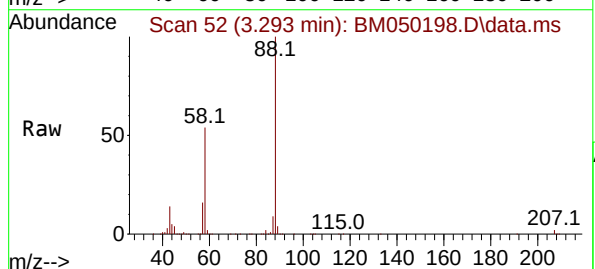
Manual Integrations
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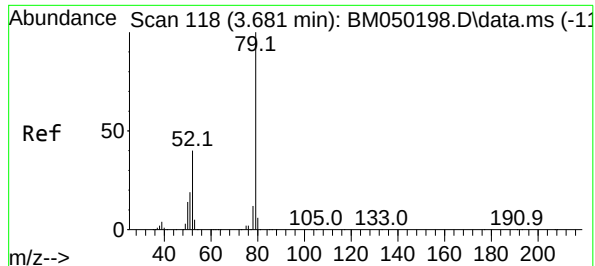
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#2
1,4-Dioxane
Concen: 36.484 ng
RT: 3.293 min Scan# 52
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

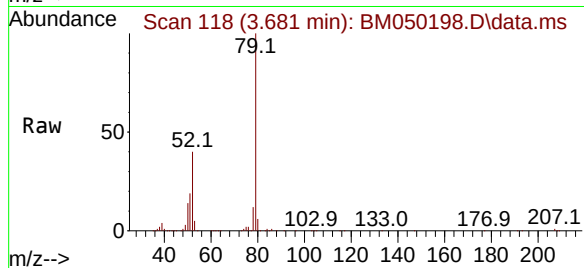
Tgt Ion: 88 Resp: 296051
Ion Ratio Lower Upper
88 100
58 53.6 42.9 64.3
43 13.8 11.0 16.6





#3
Pyridine
Concen: 38.534 ng
RT: 3.681 min Scan# 118
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

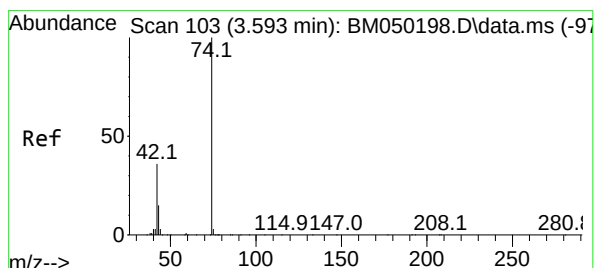
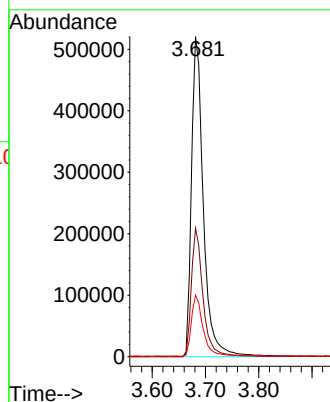
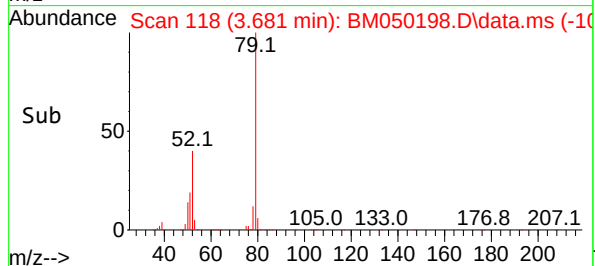
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 80974
Ion Ratio Lower Upper
79 100
52 40.1 32.1 48.1
51 19.2 15.4 23.0

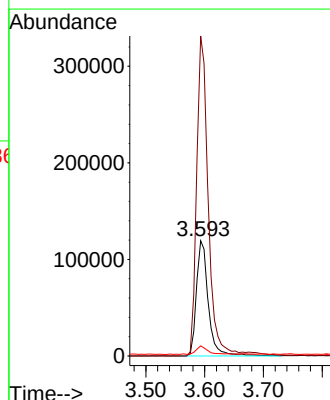
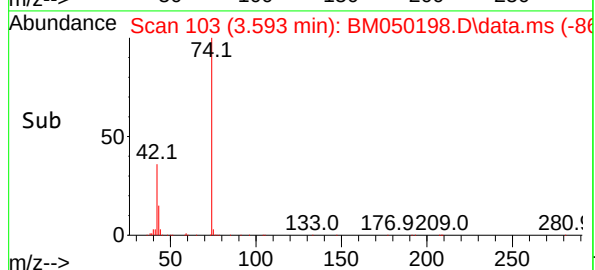
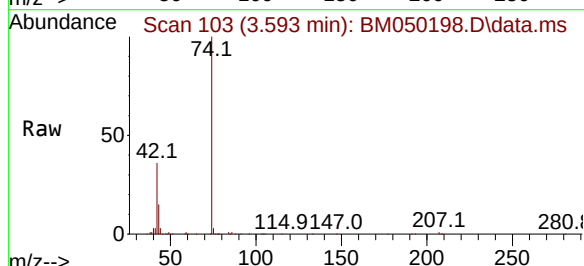
Manual Integrations
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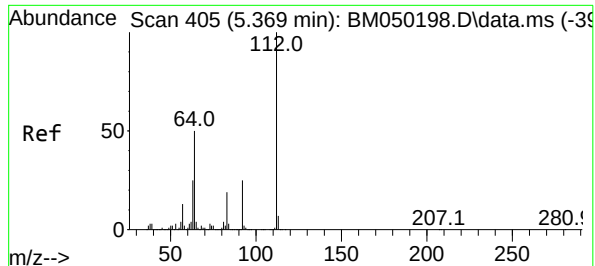
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#4
n-Nitrosodimethylamine
Concen: 38.601 ng
RT: 3.593 min Scan# 103
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 42 Resp: 167736
Ion Ratio Lower Upper
42 100
74 277.5 222.0 333.0
44 8.8 7.0 10.6





#5

2-Fluorophenol

Concen: 76.431 ng

RT: 5.369 min Scan# 405

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:112 Resp: 1414880

Ion Ratio Lower Upper

112 100

64 49.7 39.8 59.6

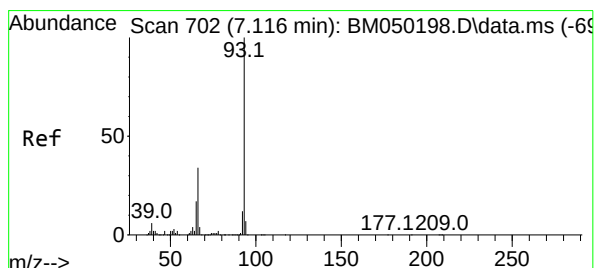
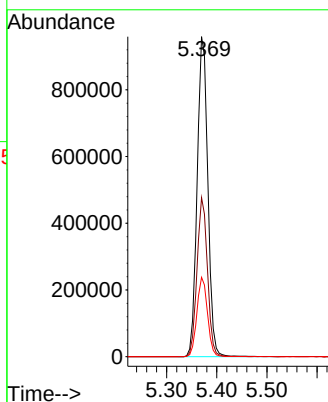
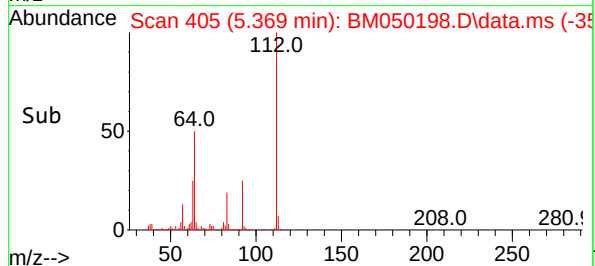
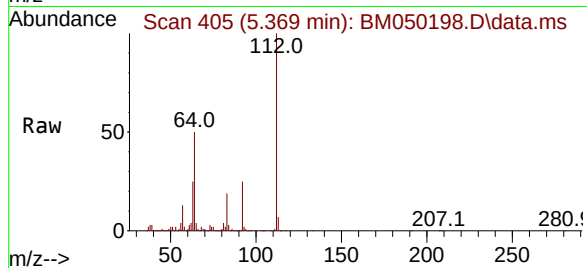
63 24.8 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#6

Aniline

Concen: 39.583 ng

RT: 7.116 min Scan# 702

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

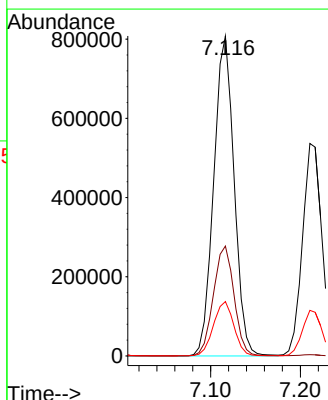
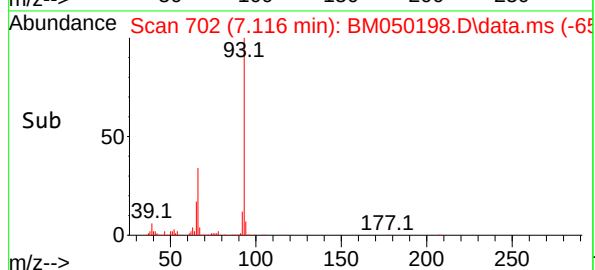
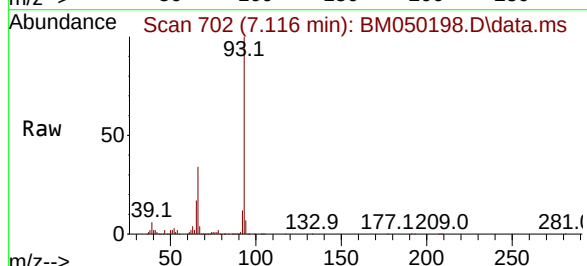
Tgt Ion: 93 Resp: 1275182

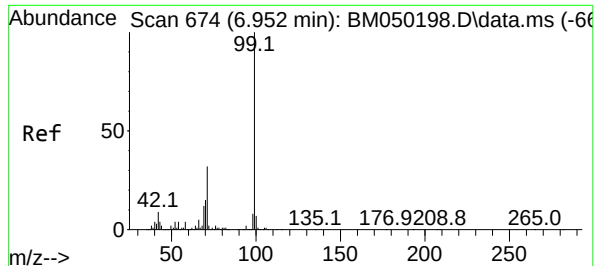
Ion Ratio Lower Upper

93 100

66 34.3 27.4 41.2

65 17.0 13.6 20.4





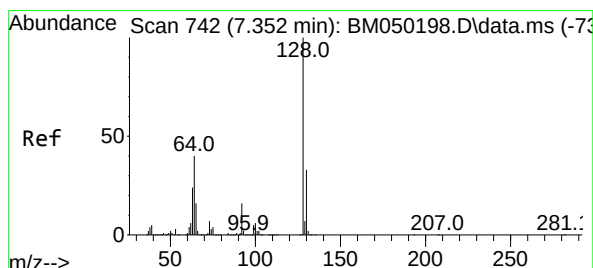
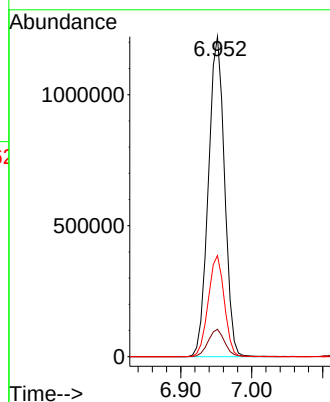
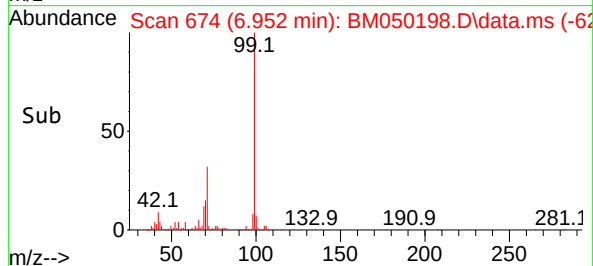
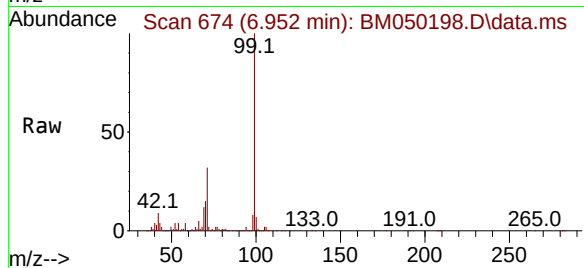
#7
Phenol-d6
Concen: 79.307 ng
RT: 6.952 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 193264
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 31.6 25.3 37.9

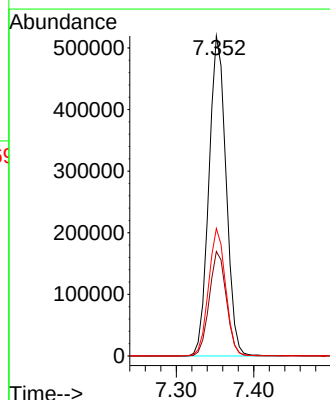
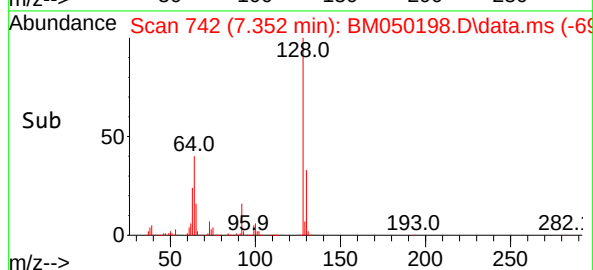
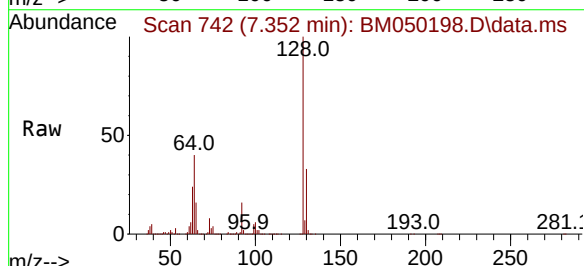
Manual Integrations
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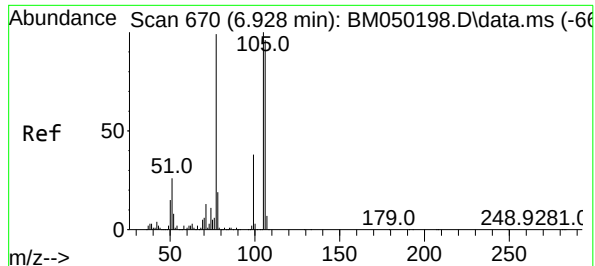
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#8
2-Chlorophenol
Concen: 39.288 ng
RT: 7.352 min Scan# 742
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

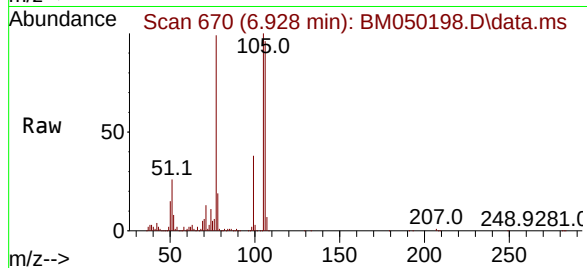
Tgt Ion:128 Resp: 799983
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 39.8 19.8 59.8





#9
Benzaldehyde
Concen: 35.003 ng
RT: 6.928 min Scan# 670
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

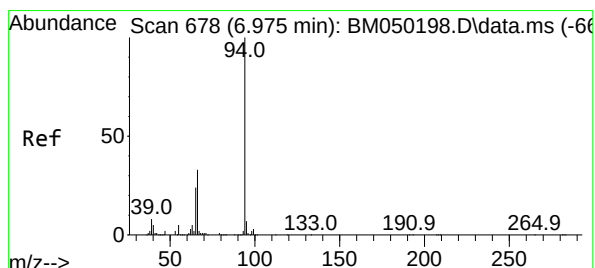
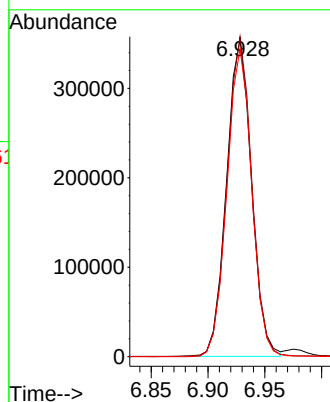
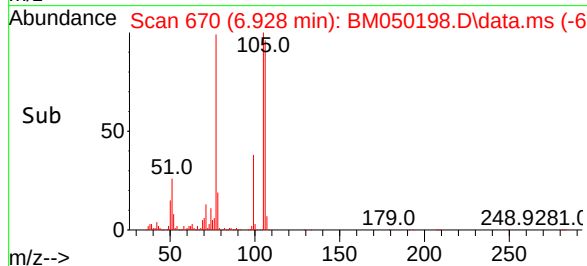
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 542319
Ion Ratio Lower Upper
77 100
105 100.9 80.9 120.9
106 97.1 77.1 117.1

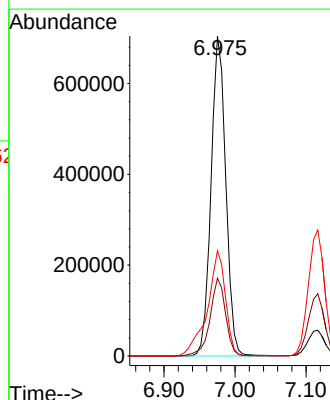
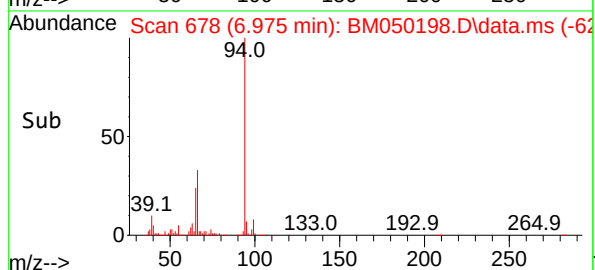
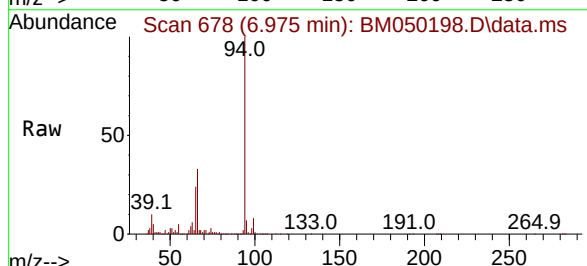
Manual Integrations
APPROVED

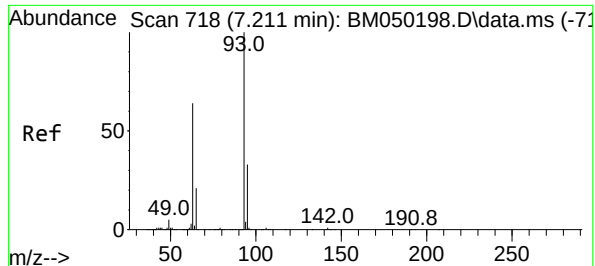
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#10
Phenol
Concen: 39.380 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion: 94 Resp: 1015393
Ion Ratio Lower Upper
94 100
65 24.3 4.3 44.3
66 32.9 12.9 52.9





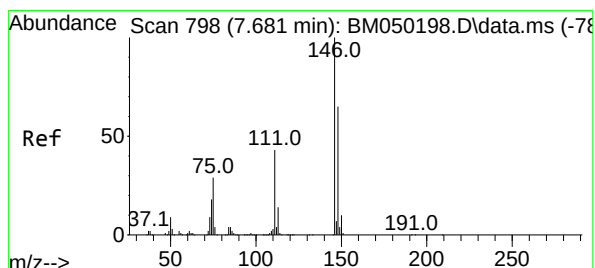
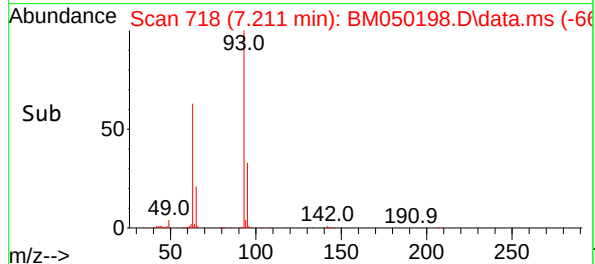
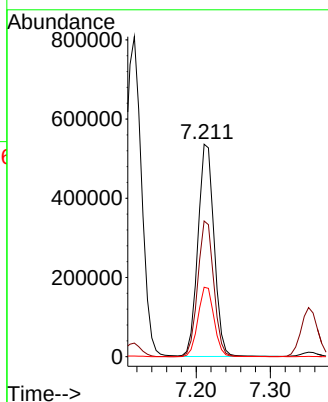
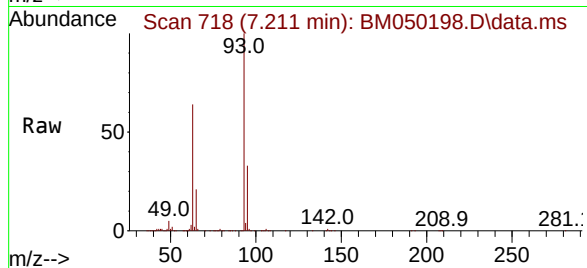
#11
bis(2-Chloroethyl)ether
Concen: 39.155 ng
RT: 7.211 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 812045
Ion Ratio Lower Upper
93 100
63 63.9 43.9 83.9
95 32.7 12.7 52.7

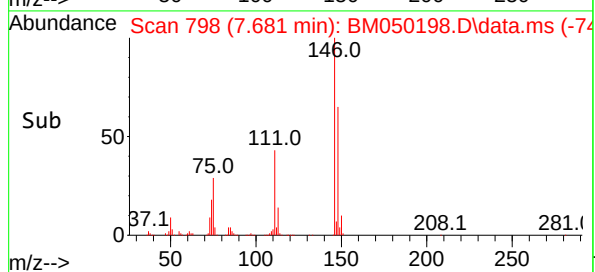
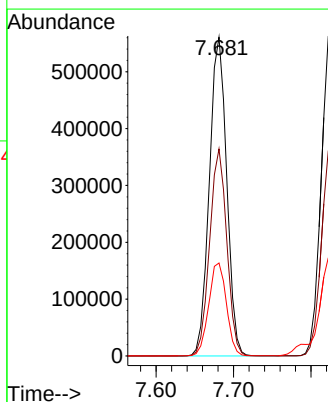
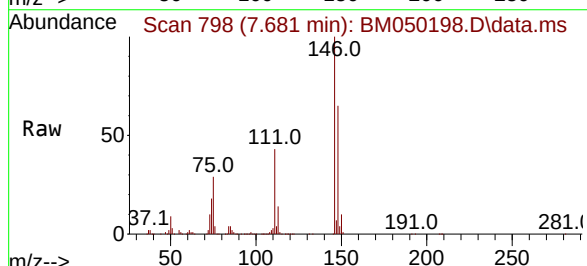
Manual Integrations
APPROVED

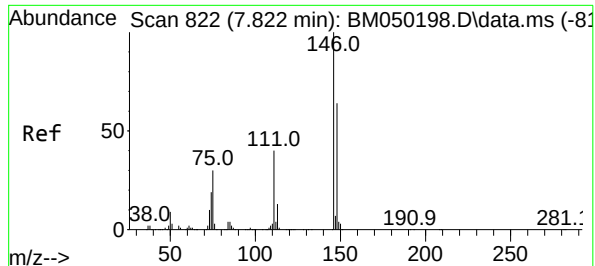
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#12
1,3-Dichlorobenzene
Concen: 38.301 ng
RT: 7.681 min Scan# 798
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:146 Resp: 871882
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 29.2 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 37.813 ng

RT: 7.822 min Scan# 822

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 89558

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

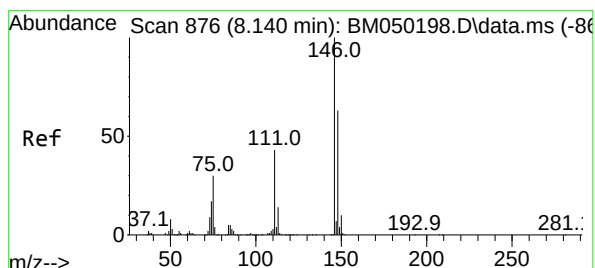
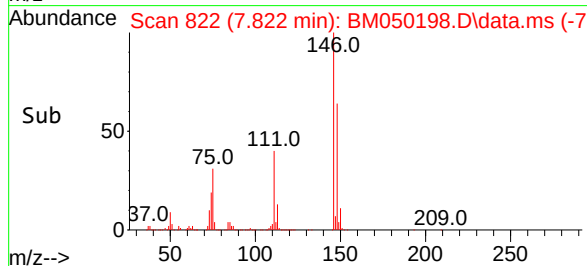
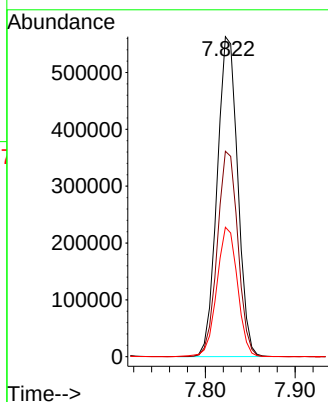
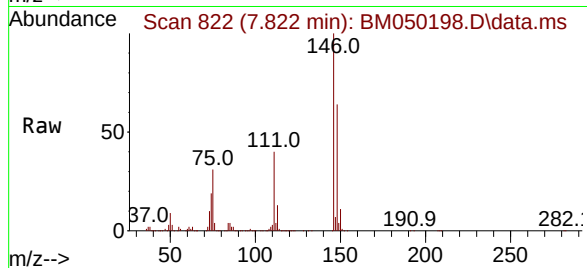
111 40.4 32.3 48.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#14

1,2-Dichlorobenzene

Concen: 38.353 ng

RT: 8.140 min Scan# 876

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

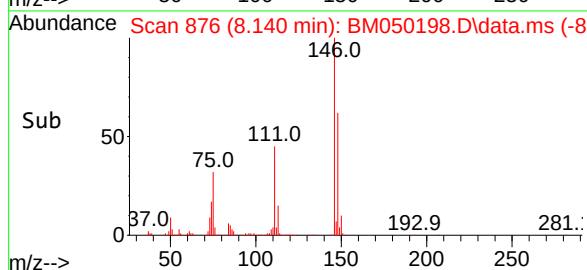
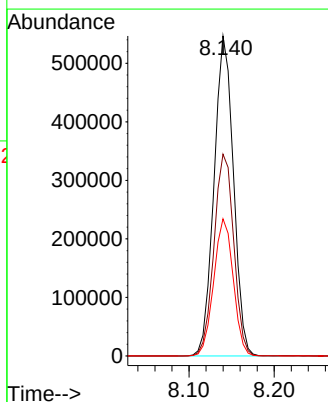
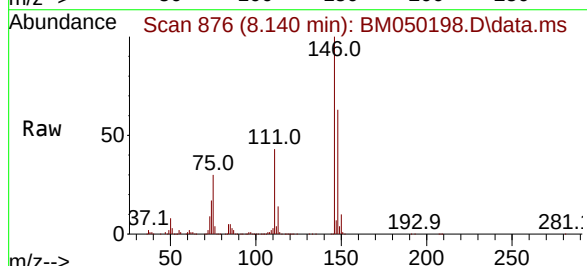
Tgt Ion:146 Resp: 865951

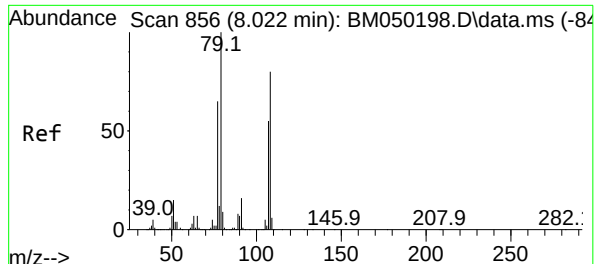
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 42.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 40.536 ng

RT: 8.022 min Scan# 856

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 70455

Ion Ratio Lower Upper

79 100

108 80.0 64.0 96.0

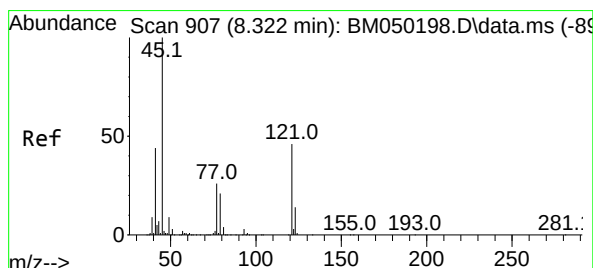
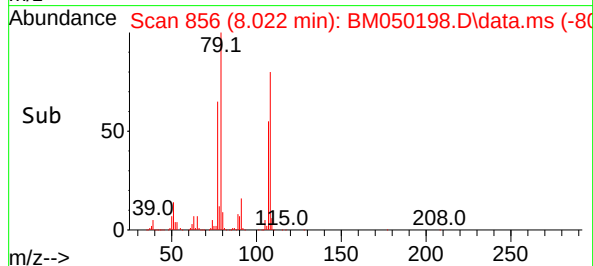
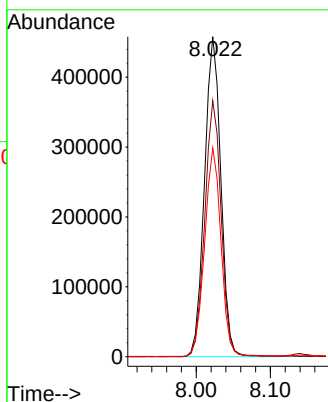
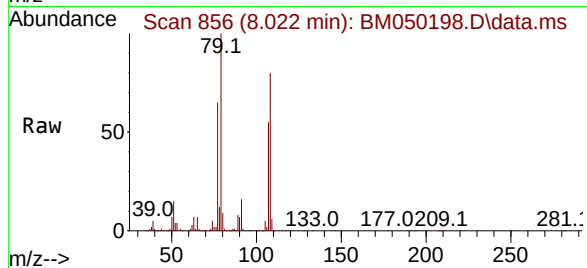
77 65.2 52.2 78.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.982 ng

RT: 8.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

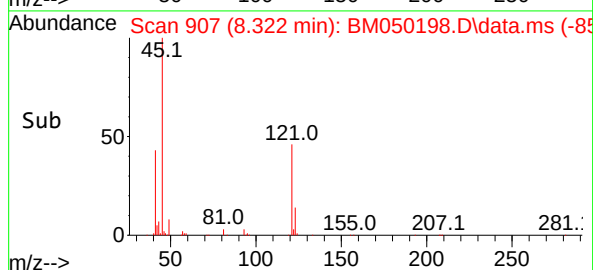
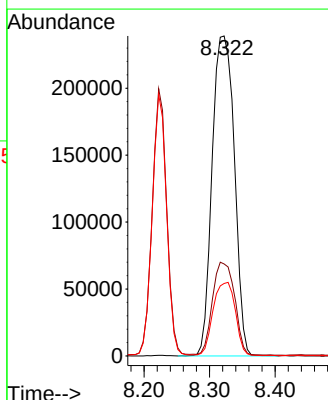
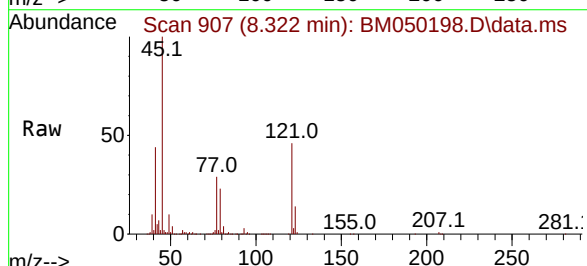
Tgt Ion: 45 Resp: 561618

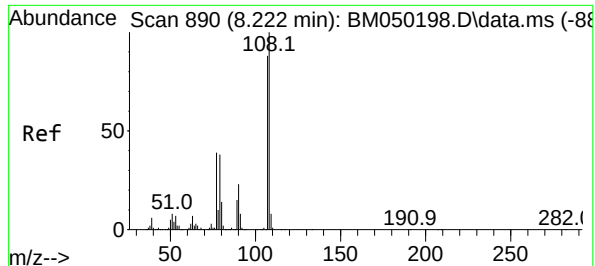
Ion Ratio Lower Upper

45 100

77 28.7 8.7 48.7

79 22.7 2.7 42.7





#17

2-Methylphenol

Concen: 40.220 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 684260

Ion Ratio Lower Upper

107 100

108 113.5 90.8 136.2

77 44.6 35.7 53.5

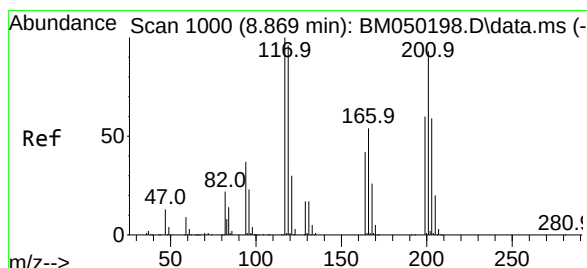
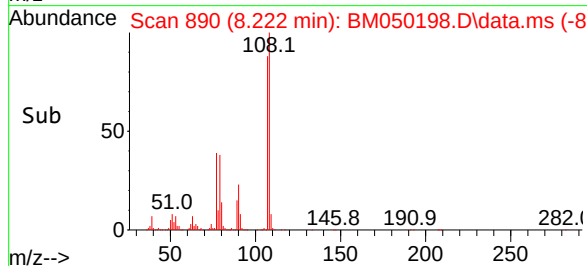
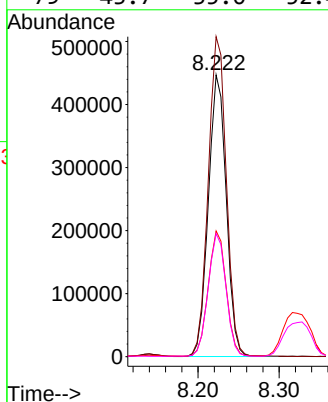
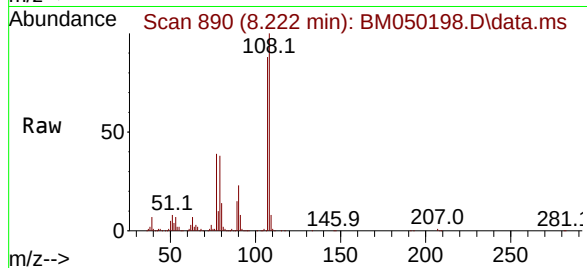
79 43.7 35.0 52.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#18

Hexachloroethane

Concen: 38.374 ng

RT: 8.869 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

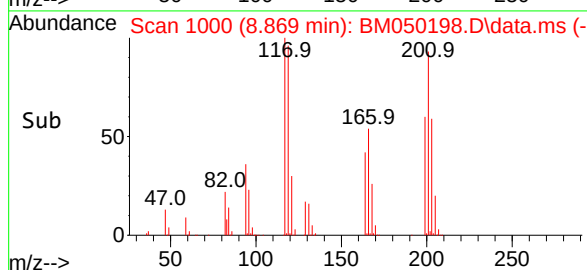
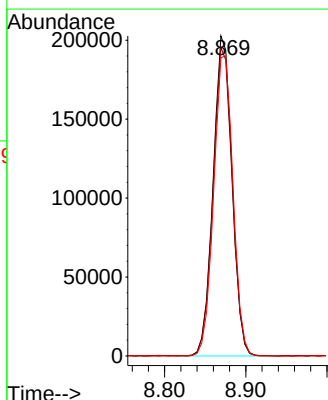
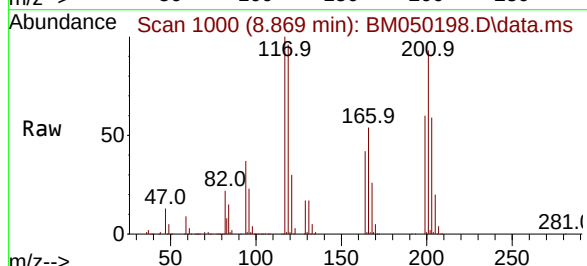
Tgt Ion:117 Resp: 329145

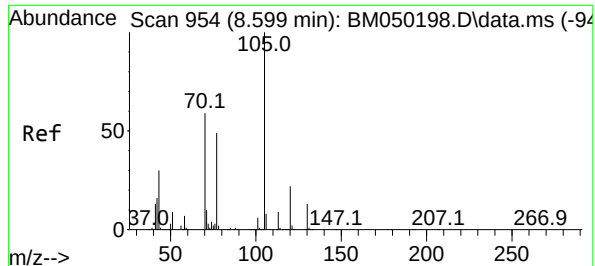
Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6

201 93.2 74.6 111.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.468 ng

RT: 8.599 min Scan# 954

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 61839

Ion Ratio Lower Upper

70 100

42 28.2 22.6 33.8

101 10.4 8.3 12.5

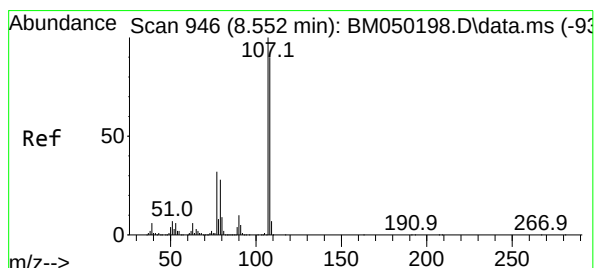
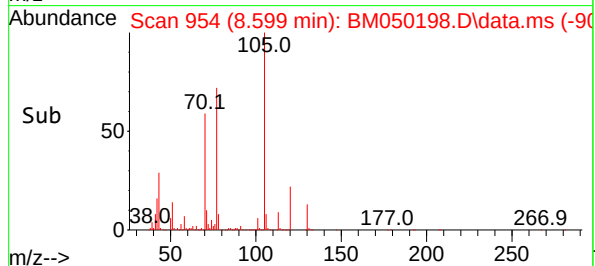
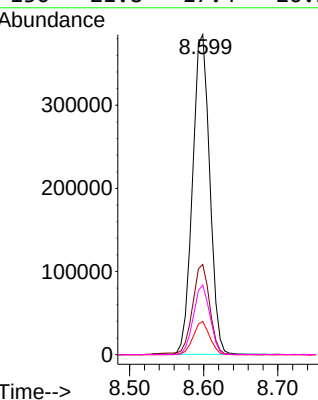
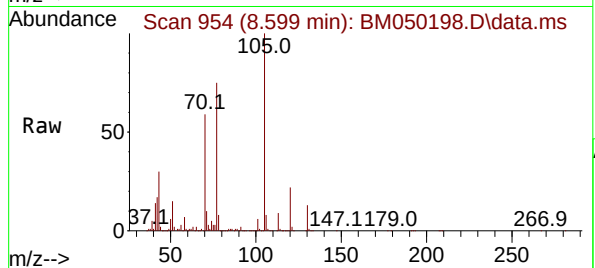
130 21.8 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#20

3+4-Methylphenols

Concen: 40.948 ng

RT: 8.552 min Scan# 946

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

Tgt Ion:107 Resp: 932041

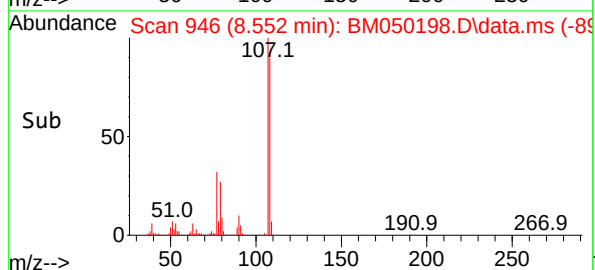
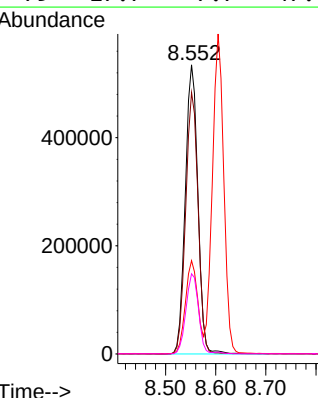
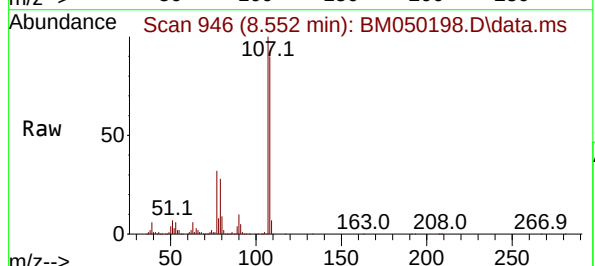
Ion Ratio Lower Upper

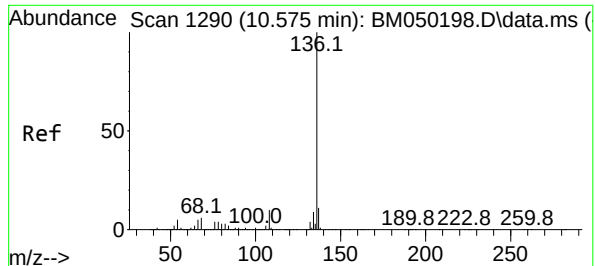
107 100

108 90.4 70.4 110.4

77 32.2 12.2 52.2

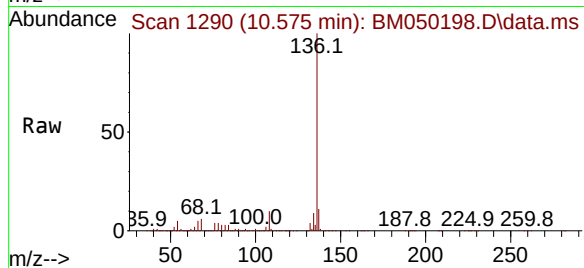
79 27.7 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

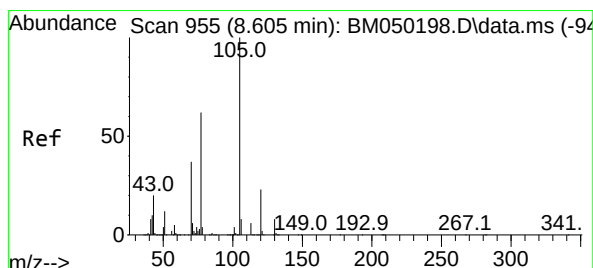
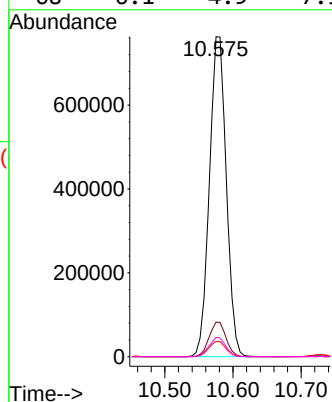
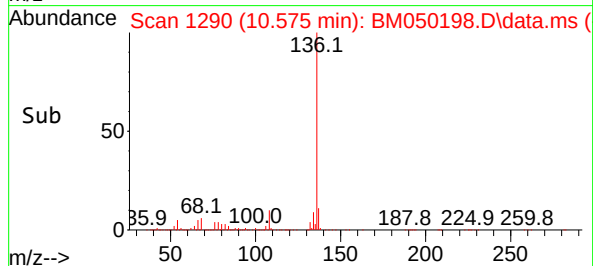
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 1316349
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 4.8 3.8 5.8
68 6.1 4.9 7.3

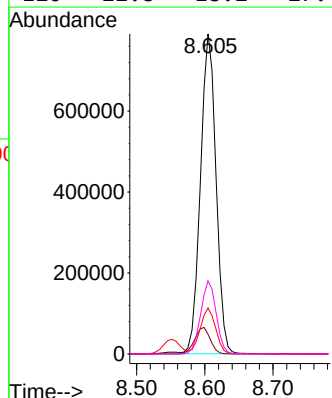
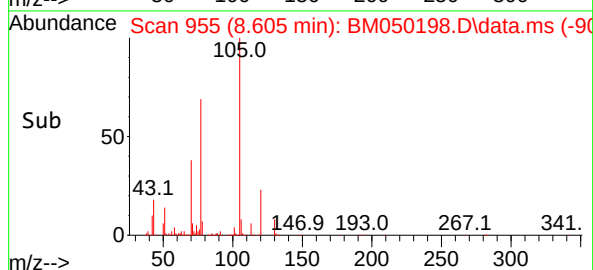
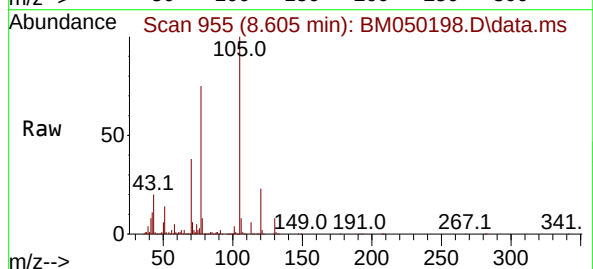
Manual Integrations
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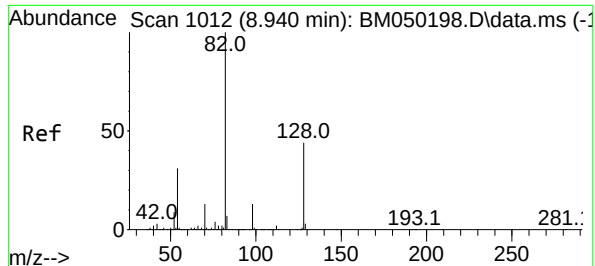
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#22
Acetophenone
Concen: 38.094 ng
RT: 8.605 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:105 Resp: 1252780
Ion Ratio Lower Upper
105 100
71 6.2 5.0 7.4
51 14.3 11.4 17.2
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 78.422 ng

RT: 8.940 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 198490

Ion Ratio Lower Upper

82 100

128 44.0 35.2 52.8

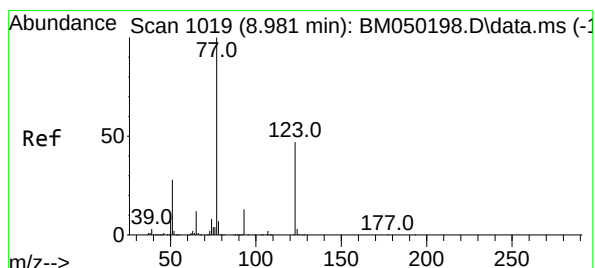
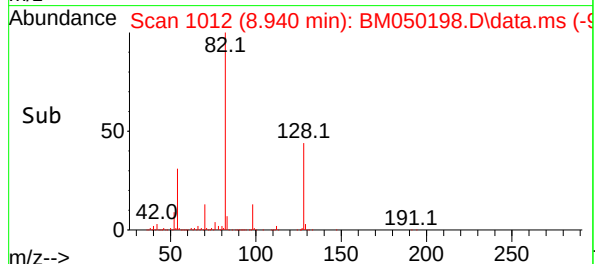
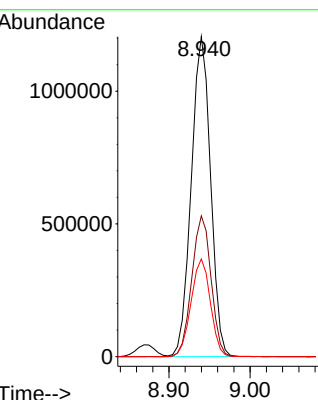
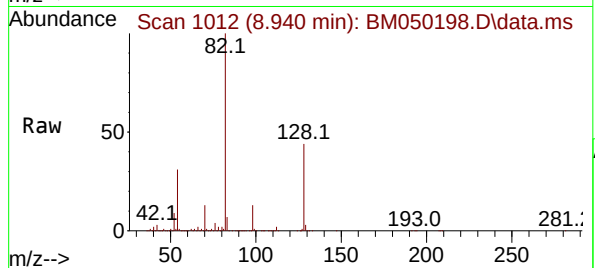
54 30.6 24.5 36.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#24

Nitrobenzene

Concen: 38.820 ng

RT: 8.981 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

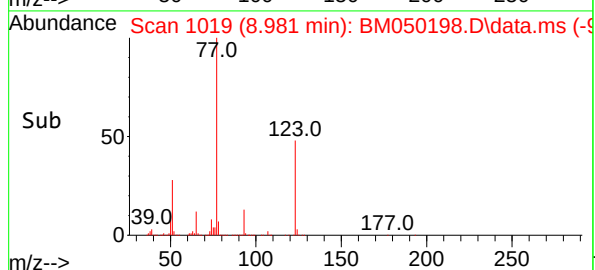
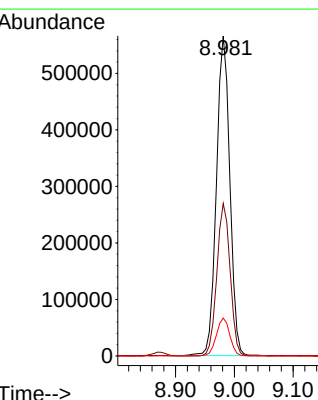
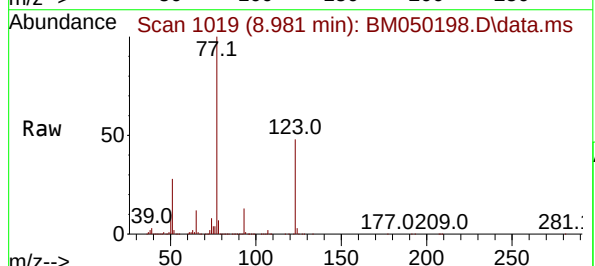
Tgt Ion: 77 Resp: 893607

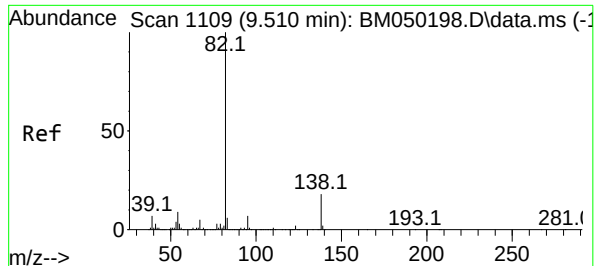
Ion Ratio Lower Upper

77 100

123 47.7 38.2 57.2

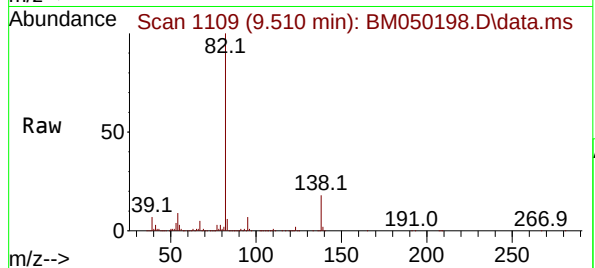
65 11.9 9.5 14.3





#25
Isophorone
Concen: 39.724 ng
RT: 9.510 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

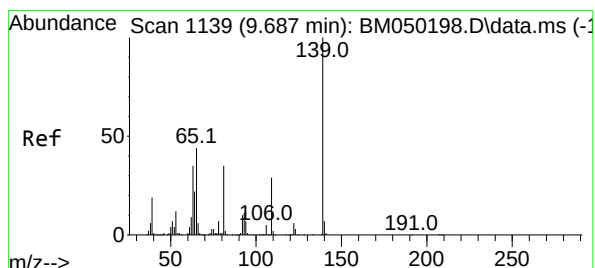
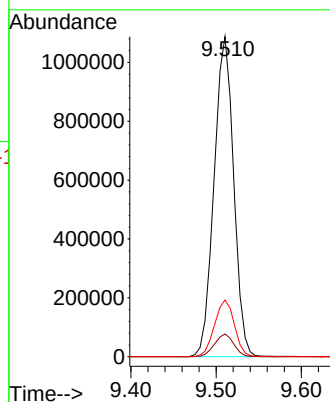
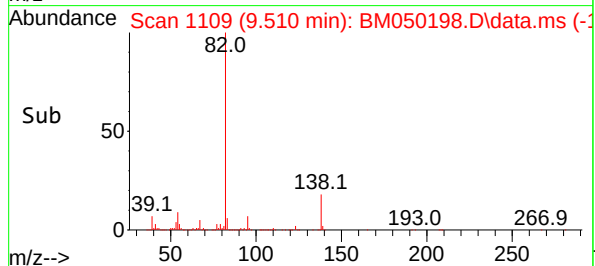
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 1735374
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.7 14.2 21.2

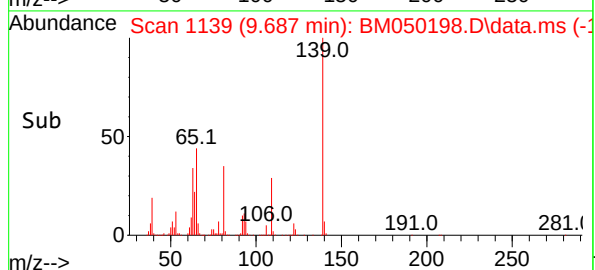
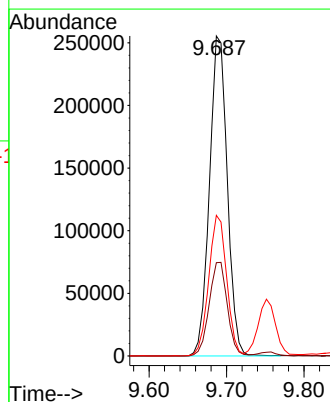
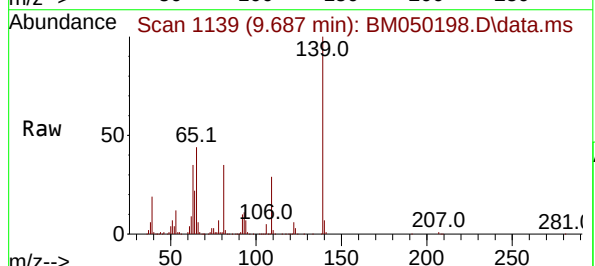
Manual Integrations
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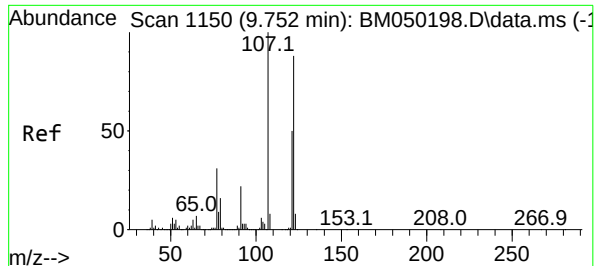
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#26
2-Nitrophenol
Concen: 41.055 ng
RT: 9.687 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:139 Resp: 407943
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 44.0 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 39.057 ng

RT: 9.752 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BM050198.D

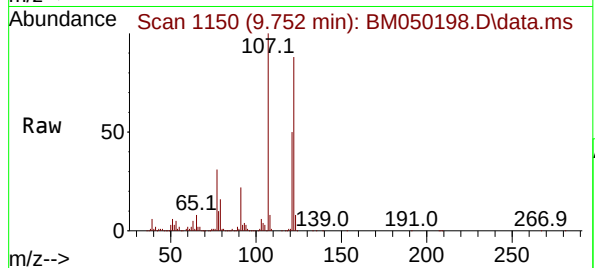
Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:122 Resp: 79814

Ion Ratio Lower Upper

122 100

107 113.8 91.0 136.6

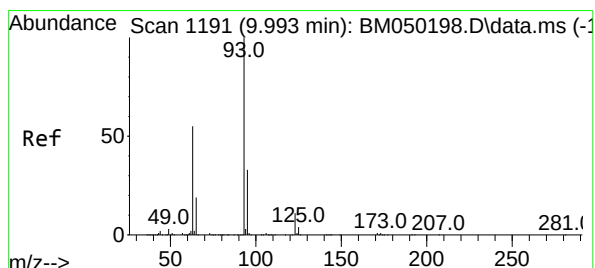
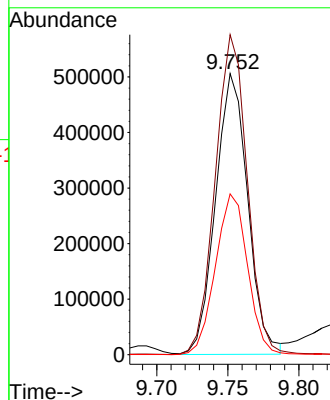
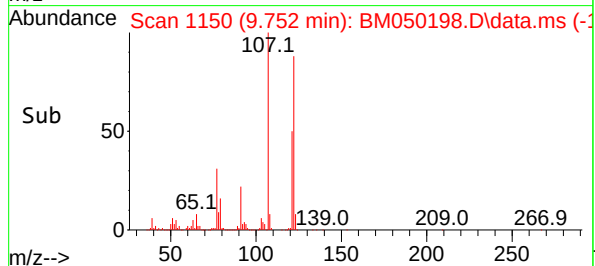
121 57.2 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#28

bis(2-Chloroethoxy)methane

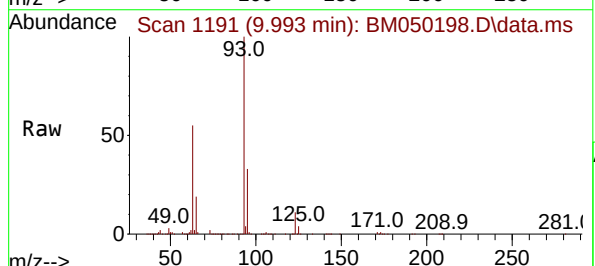
Concen: 39.371 ng

RT: 9.993 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57



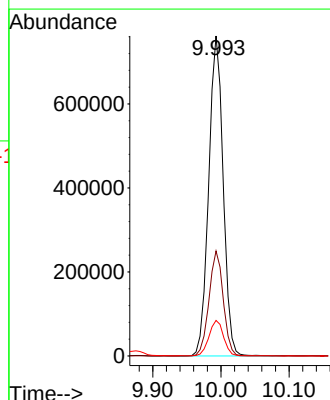
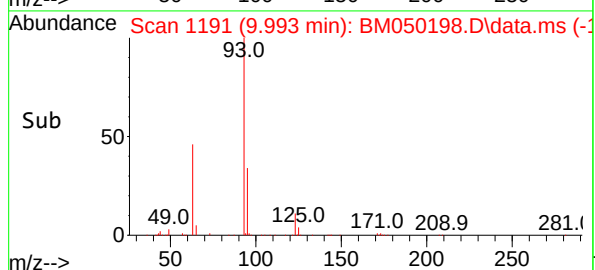
Tgt Ion: 93 Resp: 1123606

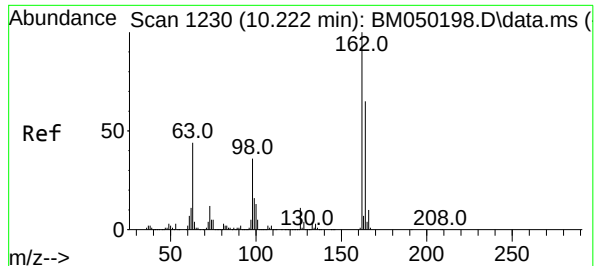
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

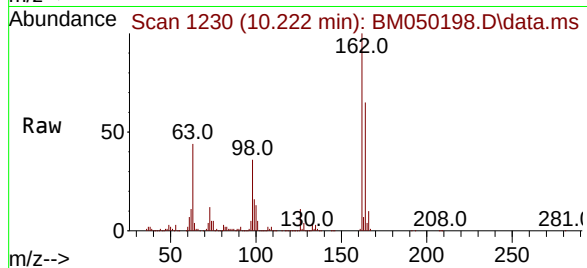
123 11.1 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 39.853 ng
RT: 10.222 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

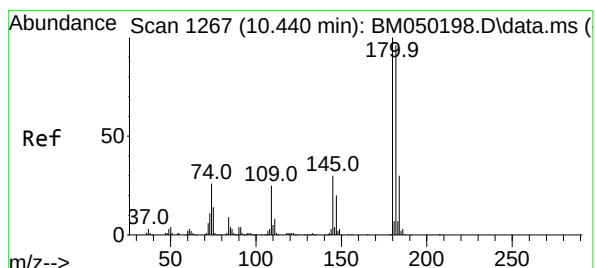
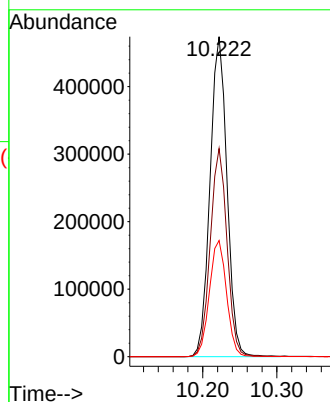
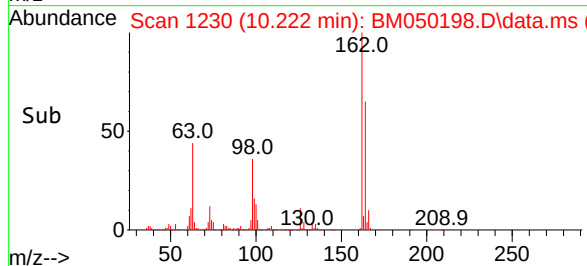
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:162 Resp: 75294
Ion Ratio Lower Upper
162 100
164 65.0 45.0 85.0
98 36.3 16.3 56.3

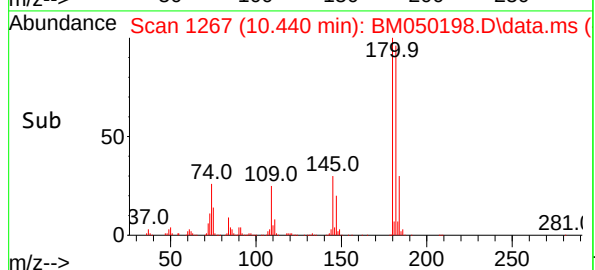
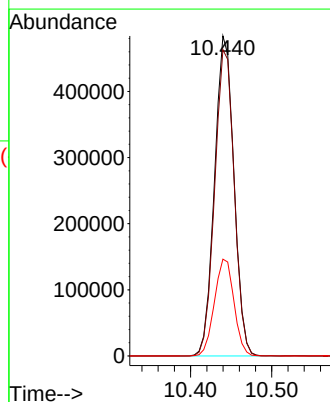
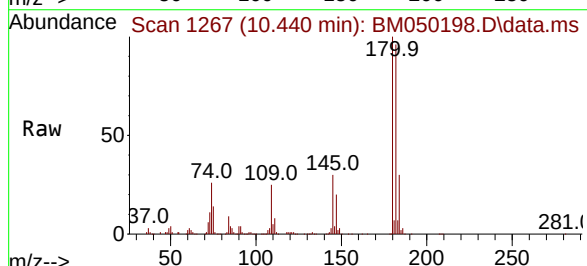
Manual Integrations
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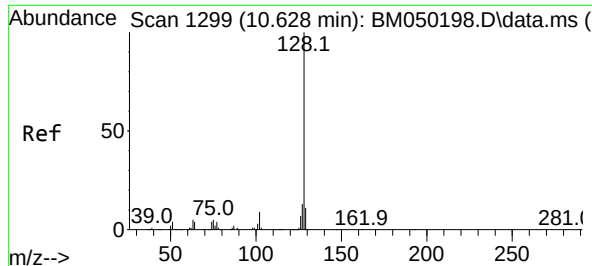
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 38.227 ng
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

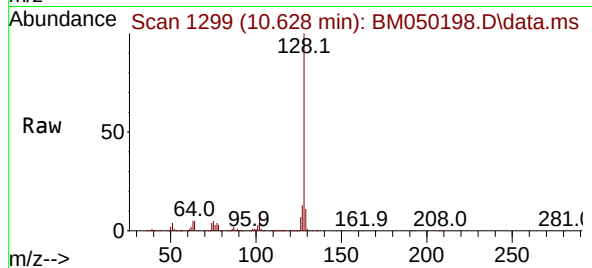
Tgt Ion:180 Resp: 803693
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 30.3 24.2 36.4





#31
Naphthalene
Concen: 37.788 ng
RT: 10.628 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

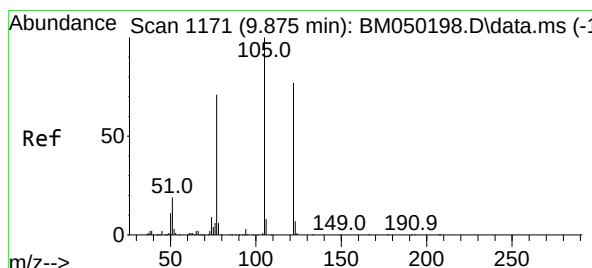
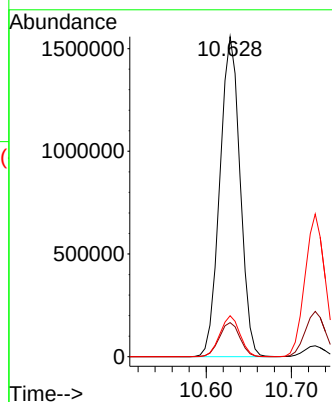
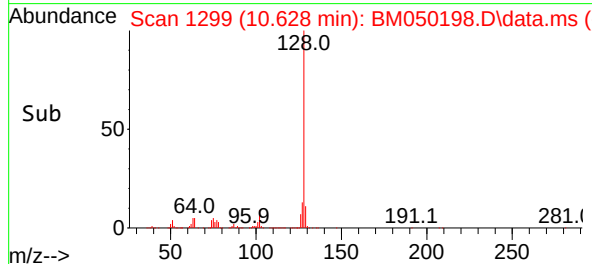
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 257180
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.8 10.2 15.4

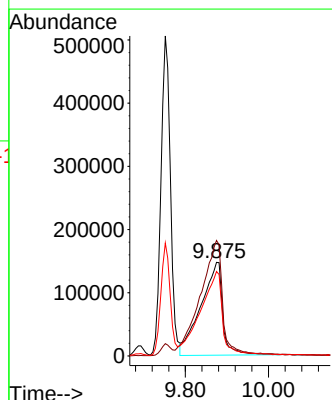
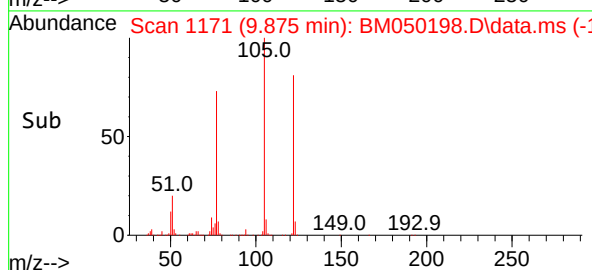
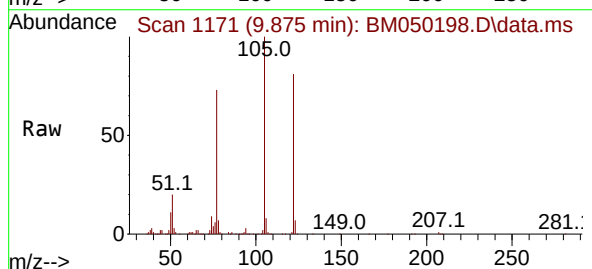
Manual Integrations
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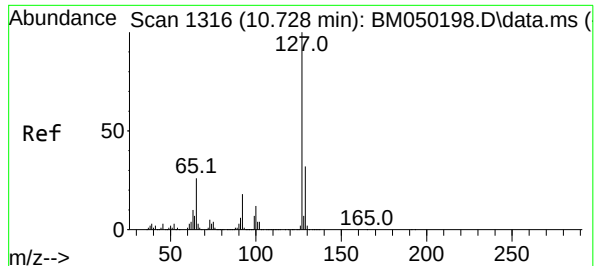
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#32
Benzoic acid
Concen: 41.942 ng
RT: 9.875 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

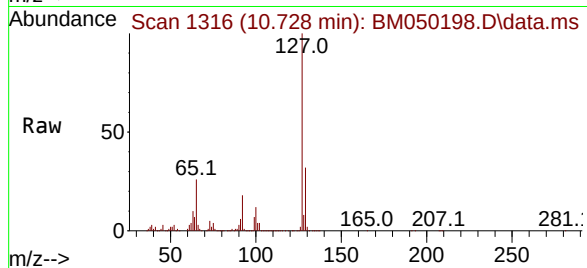
Tgt Ion:122 Resp: 538152
Ion Ratio Lower Upper
122 100
105 123.4 103.4 143.4
77 90.3 70.3 110.3





#33
4-Chloroaniline
Concen: 39.273 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

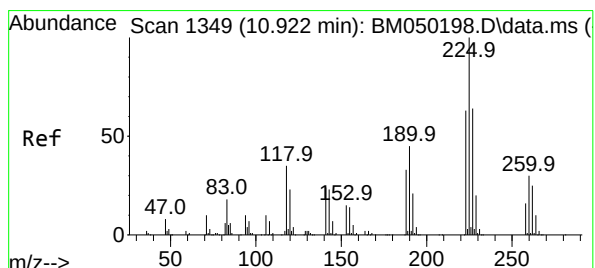
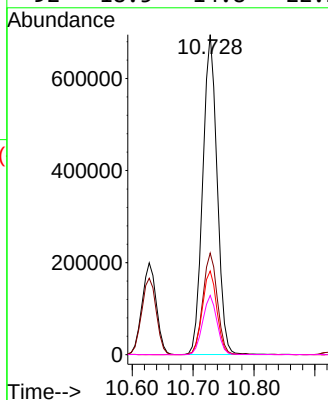
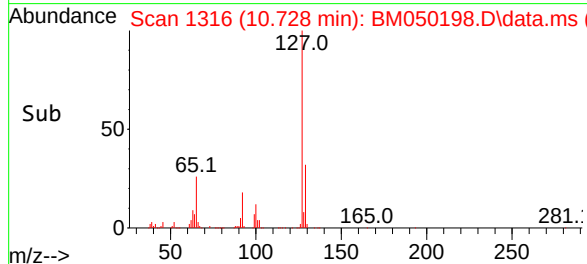
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 1139540
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.0
65 26.2 21.0 31.4
92 18.5 14.8 22.2

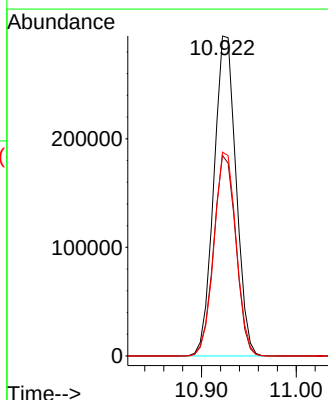
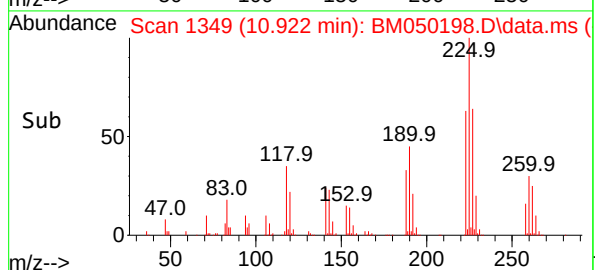
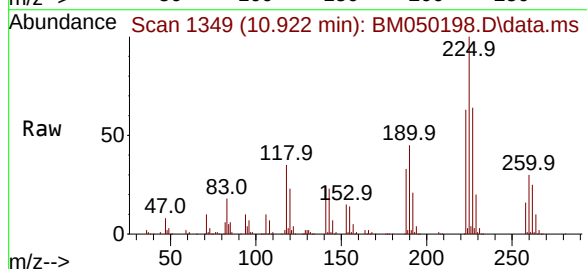
Manual Integrations
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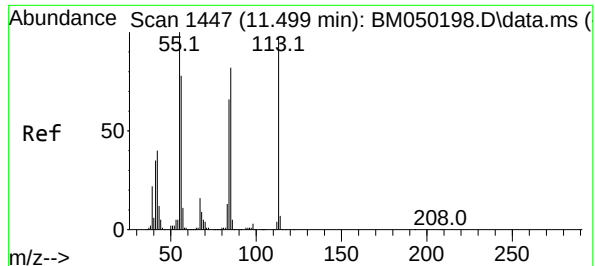
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#34
Hexachlorobutadiene
Concen: 38.406 ng
RT: 10.922 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

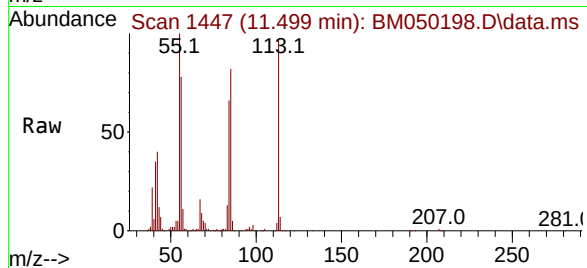
Tgt Ion:225 Resp: 480290
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 63.7 51.0 76.4





#35
Caprolactam
Concen: 42.805 ng
RT: 11.499 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

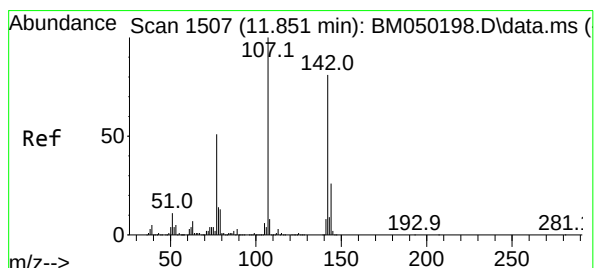
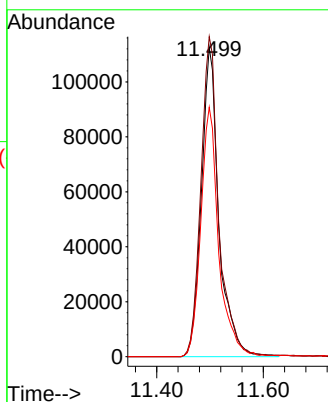
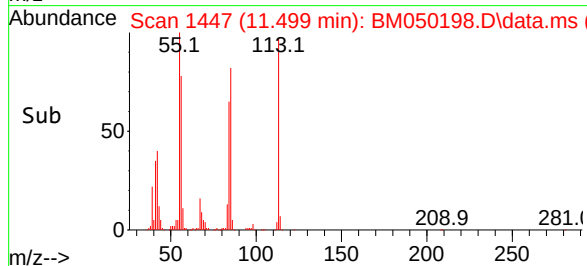
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 25639
Ion Ratio Lower Upper
113 100
55 103.5 83.5 123.5
56 80.6 60.6 100.6

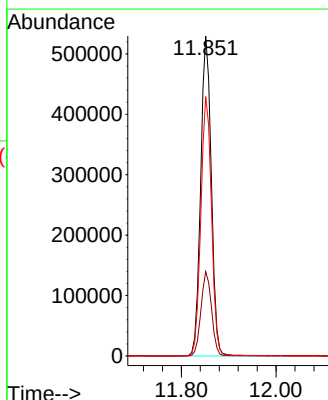
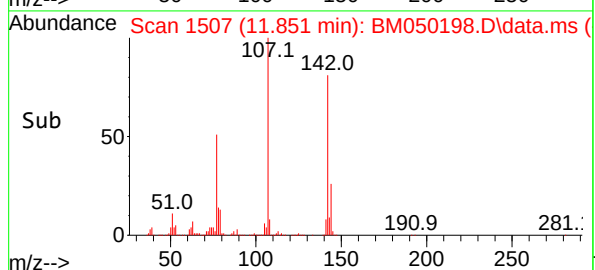
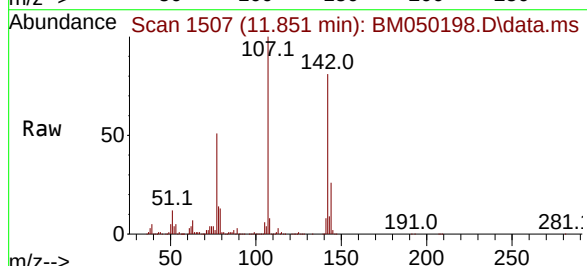
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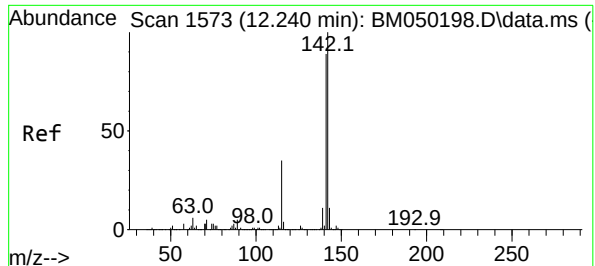
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#36
4-Chloro-3-methylphenol
Concen: 40.906 ng
RT: 11.851 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

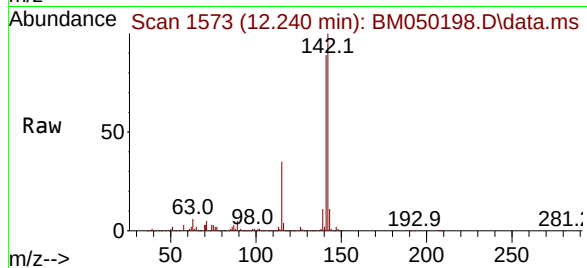
Tgt Ion:107 Resp: 824664
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 81.0 64.8 97.2





#37
2-Methylnaphthalene
Concen: 39.456 ng
RT: 12.240 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

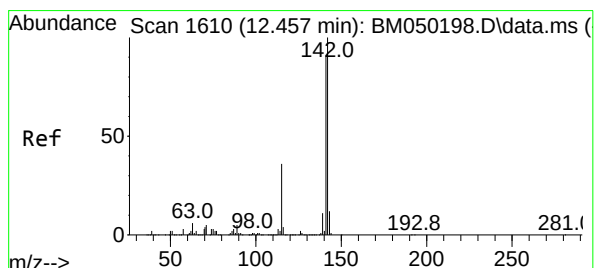
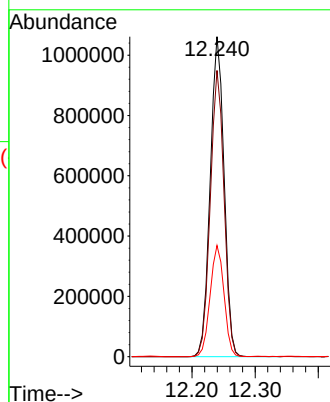
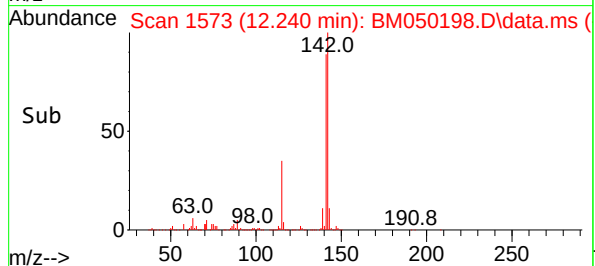
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



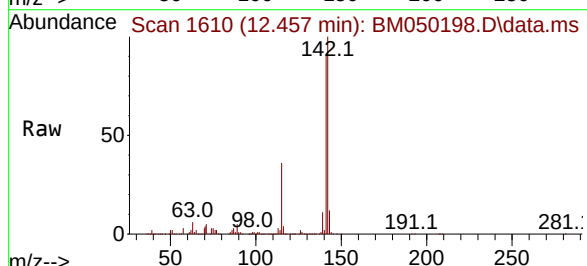
Tgt Ion:142 Resp: 1619990
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3
115 34.8 27.8 41.8

Manual Integrations
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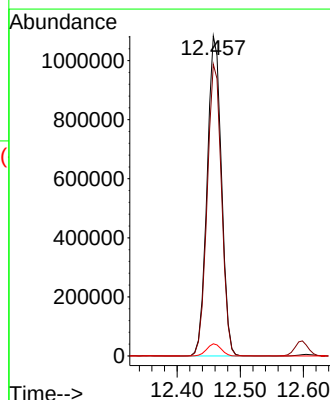
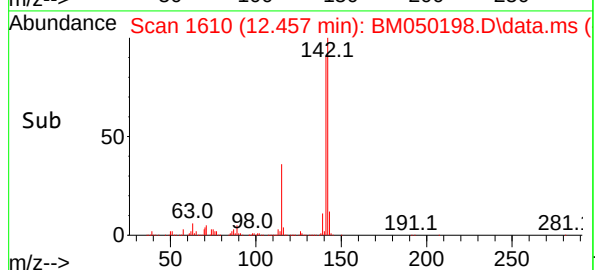
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

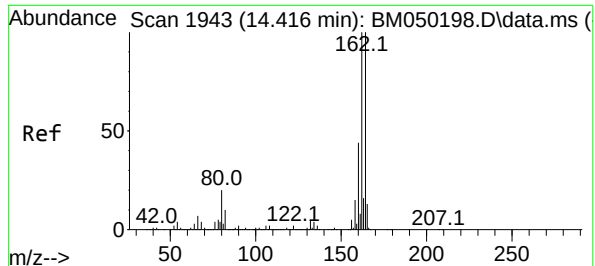


#38
1-Methylnaphthalene
Concen: 39.210 ng
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



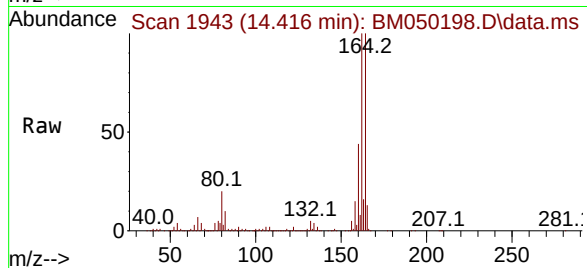
Tgt Ion:142 Resp: 1708673
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

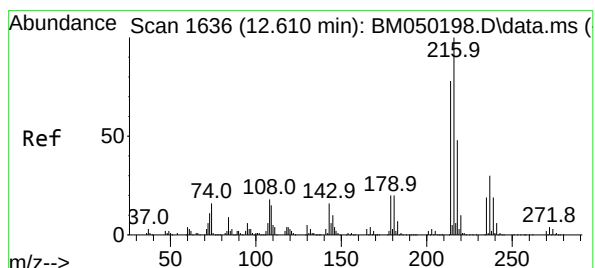
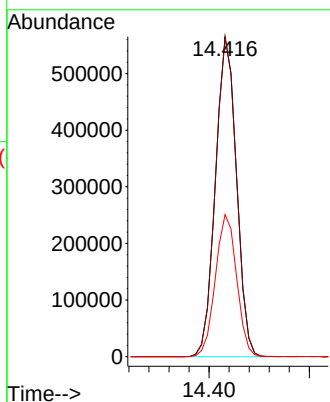
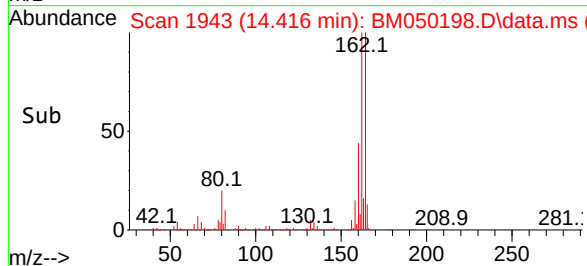
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 819030
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.4
160 44.6 35.7 53.5

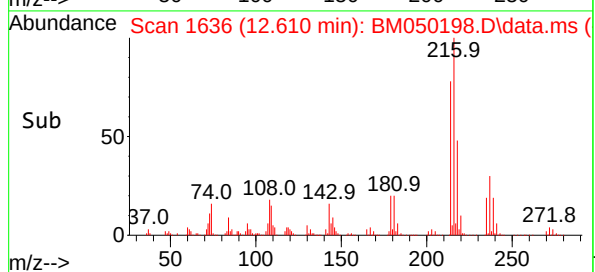
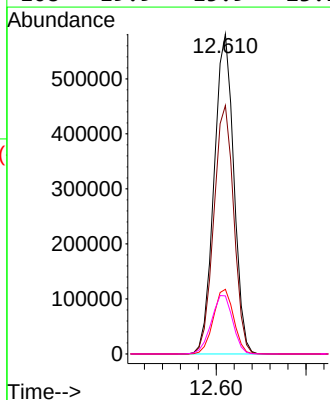
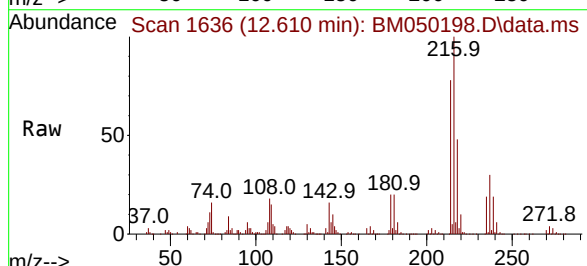
Manual Integrations
APPROVED

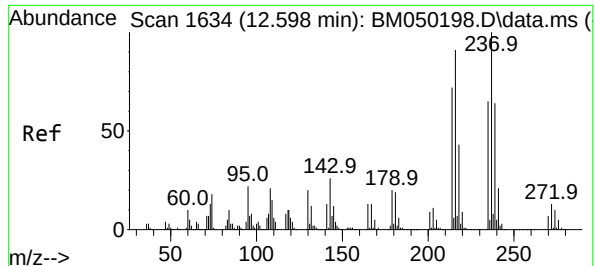
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.472 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

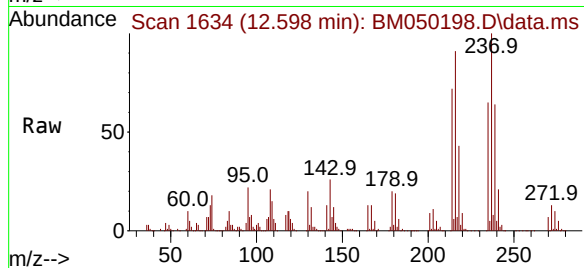
Tgt Ion:216 Resp: 886232
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.8 16.6 25.0
108 19.9 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 38.910 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

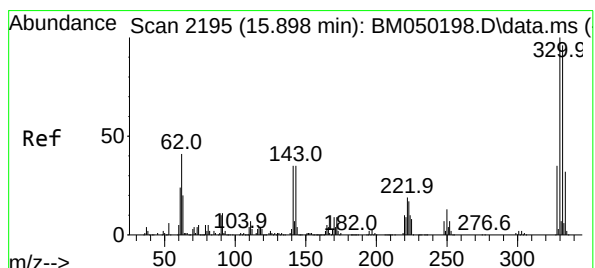
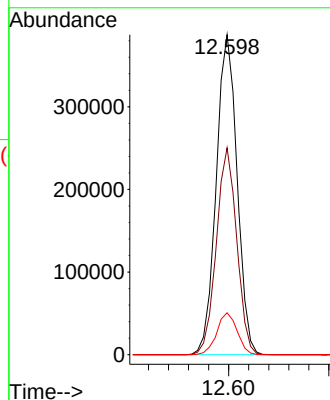
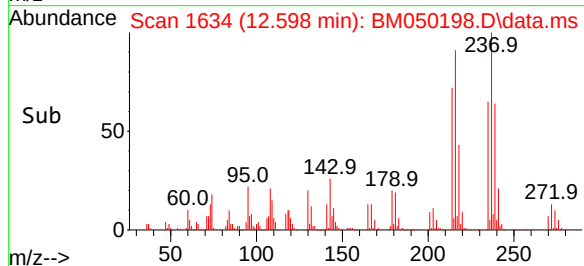
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:237 Resp: 55887
Ion Ratio Lower Upper
237 100
235 64.6 44.6 84.6
272 13.1 0.0 33.1

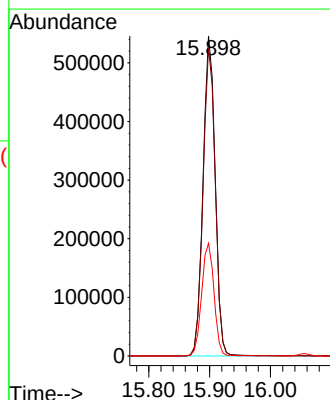
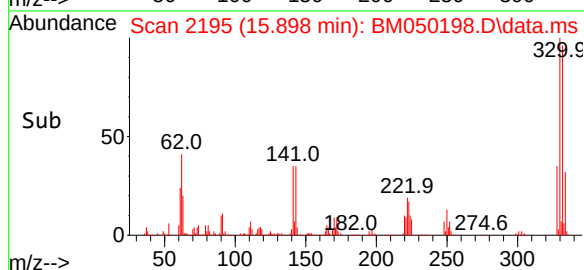
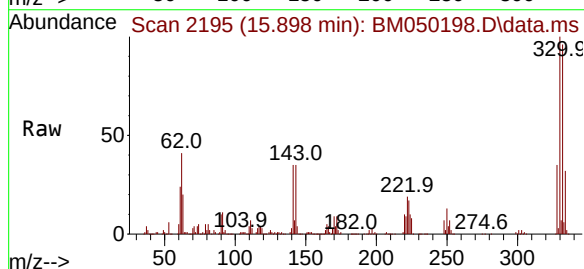
Manual Integrations
APPROVED

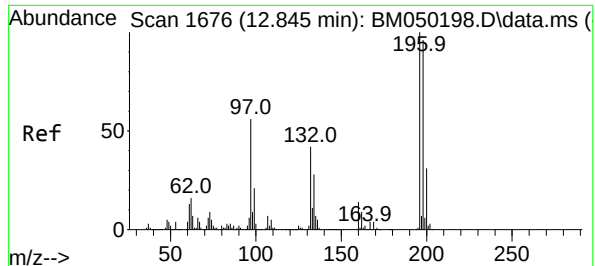
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#42
2,4,6-Tribromophenol
Concen: 81.216 ng
RT: 15.898 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

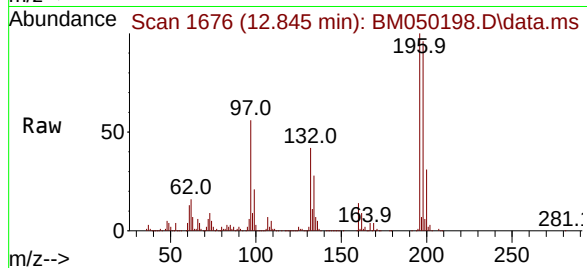
Tgt Ion:330 Resp: 756605
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 36.0 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 39.450 ng
RT: 12.845 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

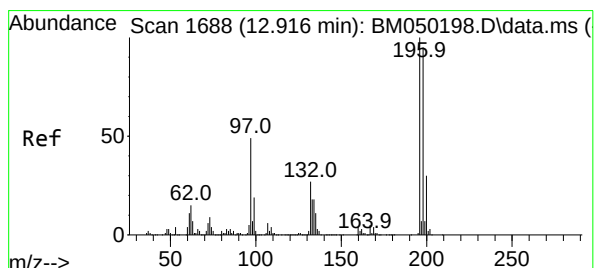
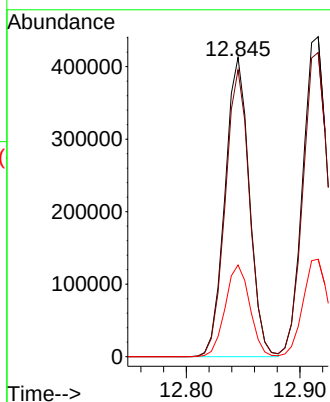
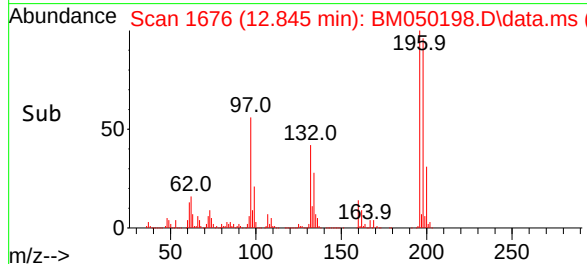
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:196 Resp: 61357
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
200 30.6 24.5 36.7

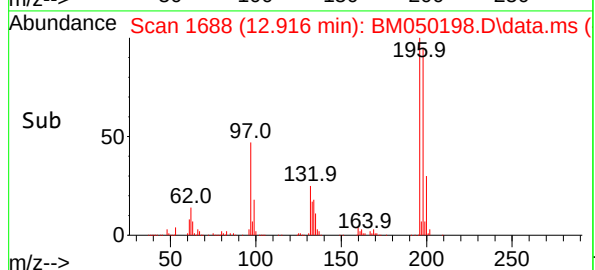
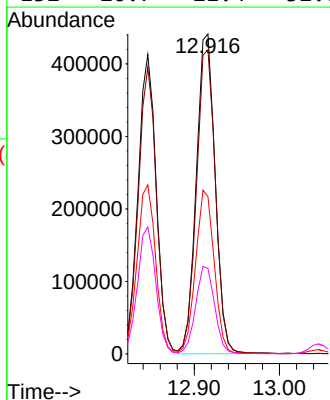
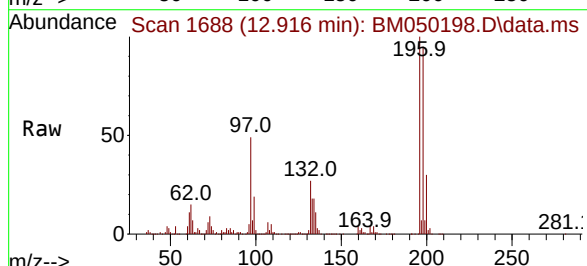
Manual Integrations
APPROVED

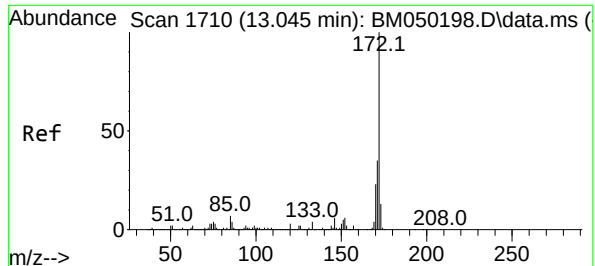
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#44
2,4,5-Trichlorophenol
Concen: 39.736 ng
RT: 12.916 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:196 Resp: 678534
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
97 49.1 39.3 58.9
132 26.7 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 74.564 ng

RT: 13.045 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 4510860

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

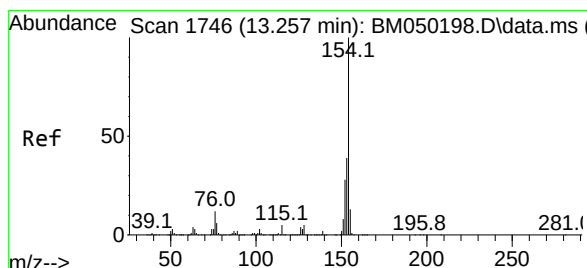
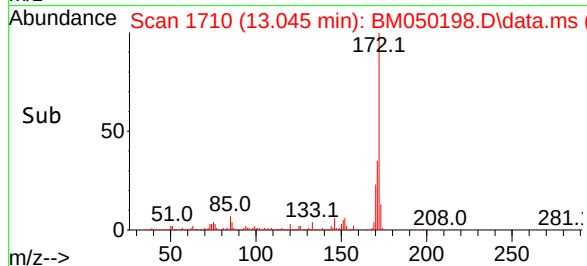
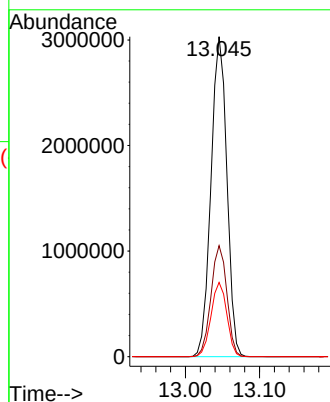
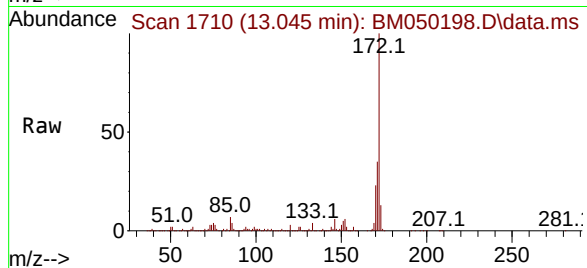
170 23.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#46

1,1'-Biphenyl

Concen: 37.491 ng

RT: 13.257 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

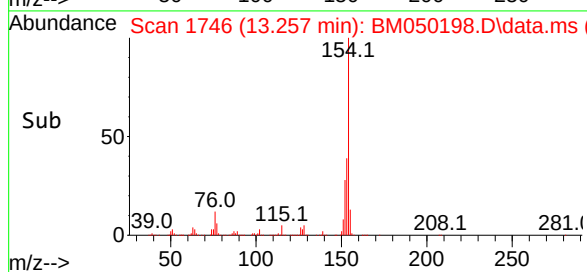
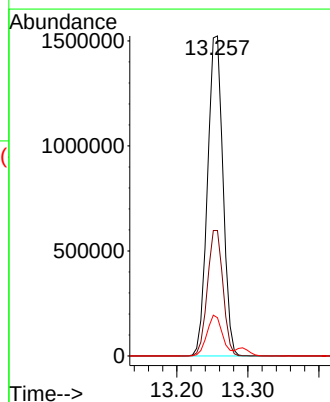
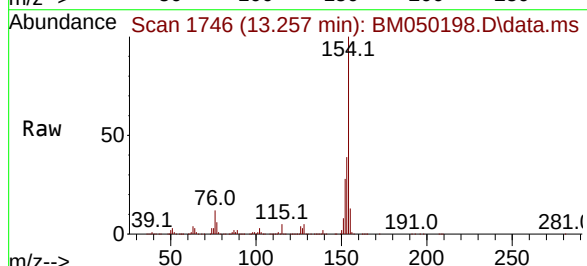
Tgt Ion:154 Resp: 2299241

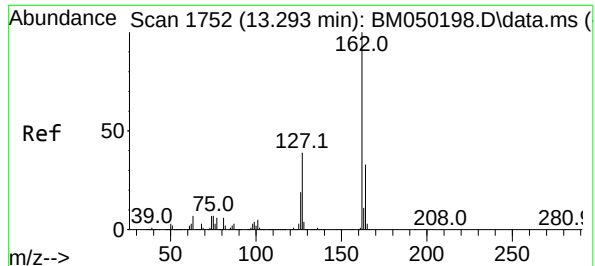
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

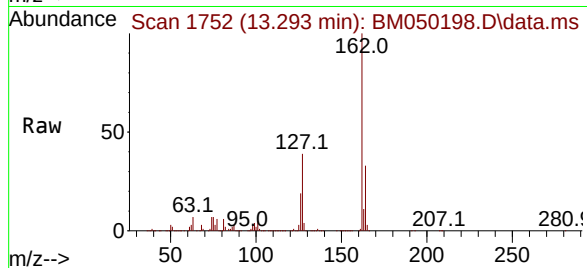
76 12.0 0.0 32.0





#47
2-Chloronaphthalene
Concen: 37.239 ng
RT: 13.293 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

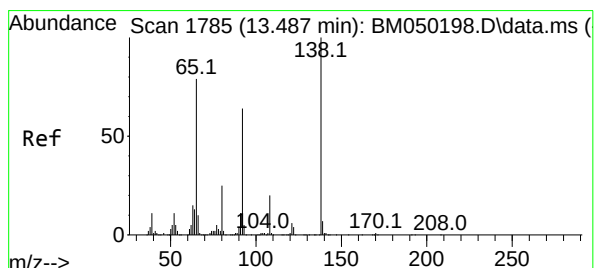
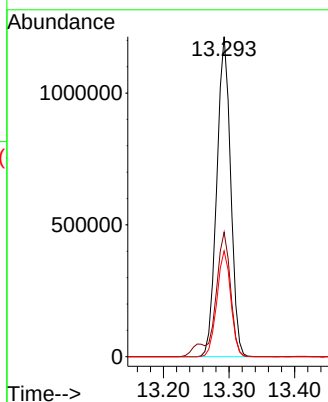
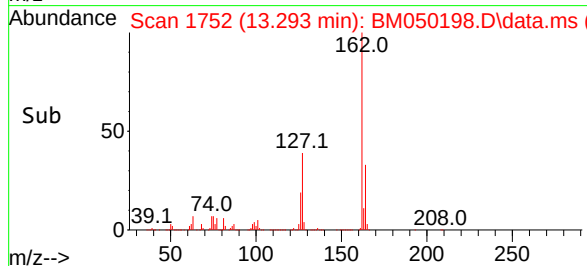
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:162 Resp: 177551
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 33.1 26.5 39.7

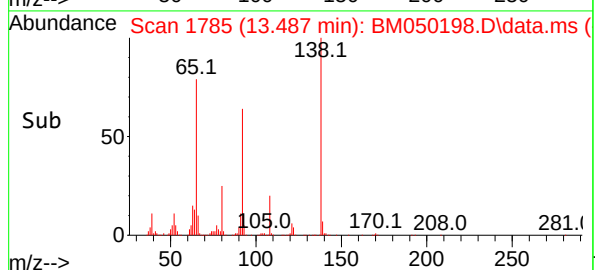
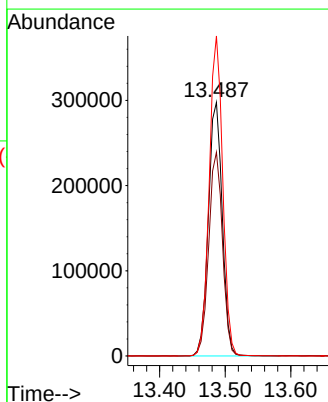
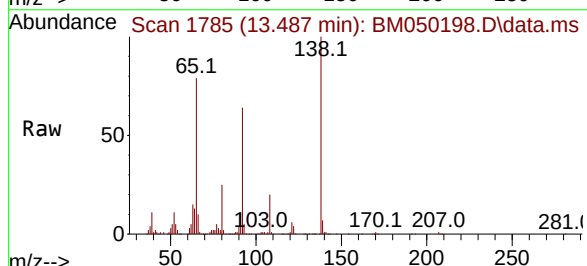
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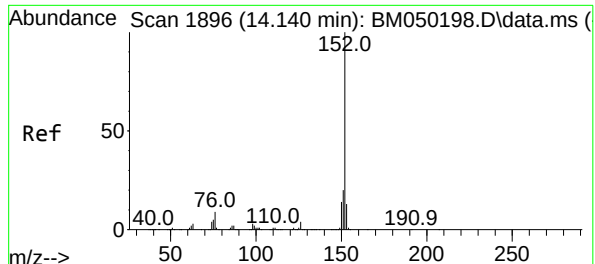
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#48
2-Nitroaniline
Concen: 41.860 ng
RT: 13.487 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

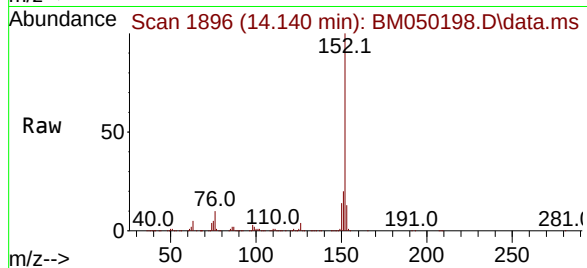
Tgt Ion: 65 Resp: 439212
Ion Ratio Lower Upper
65 100
92 80.3 64.2 96.4
138 126.2 101.0 151.4





#49
Acenaphthylene
Concen: 38.640 ng
RT: 14.140 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

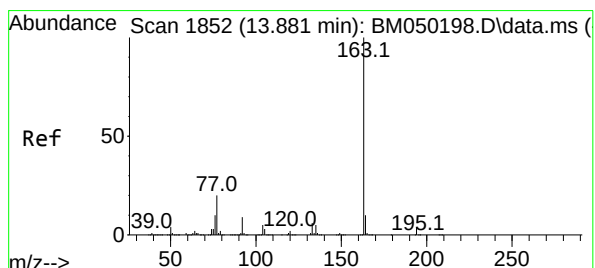
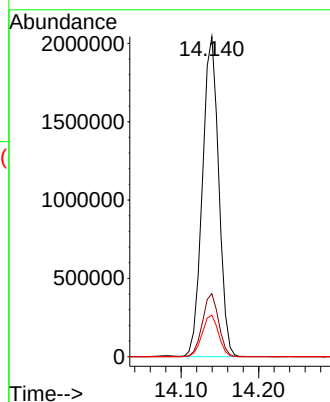
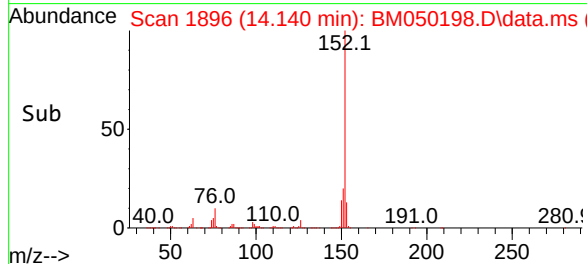
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 297984
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.0 10.4 15.6

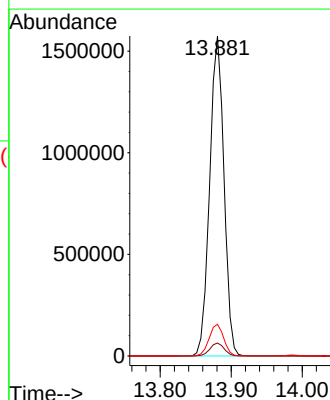
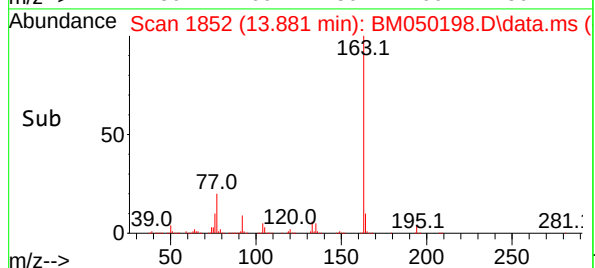
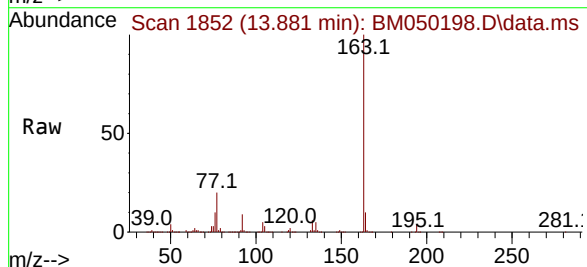
Manual Integrations
APPROVED

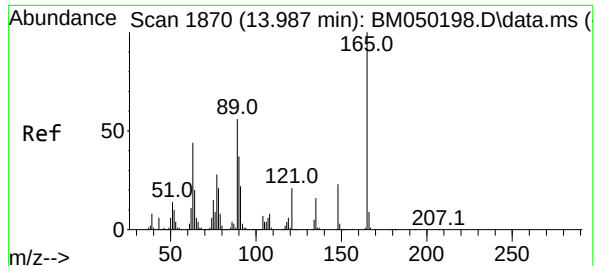
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#50
Dimethylphthalate
Concen: 39.718 ng
RT: 13.881 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

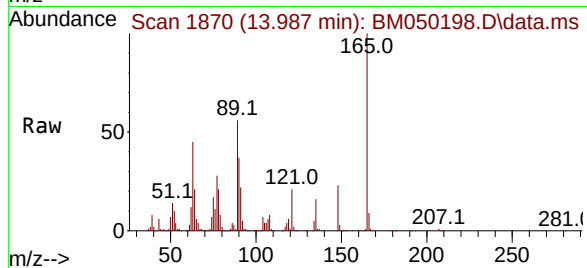
Tgt Ion:163 Resp: 2200039
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.359 ng
RT: 13.987 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

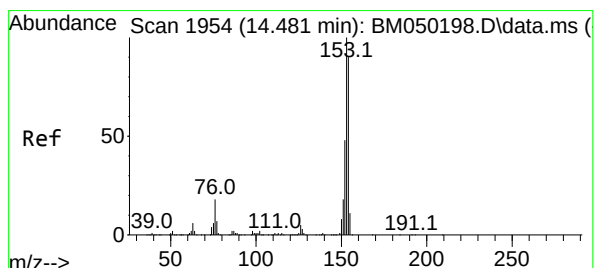
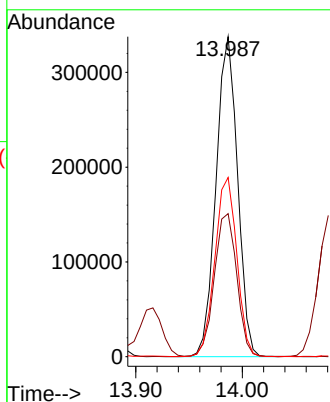
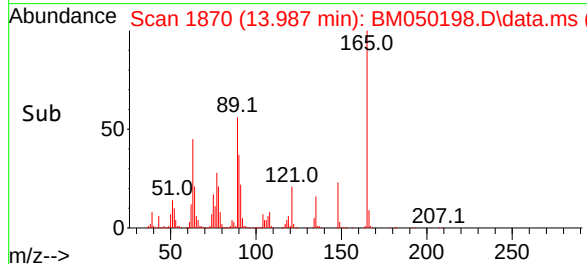
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 47317
Ion Ratio Lower Upper
165 100
63 44.7 35.8 53.6
89 56.0 44.8 67.2

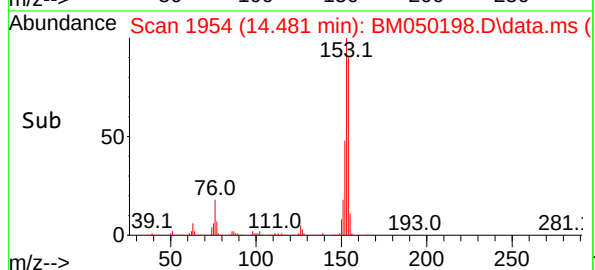
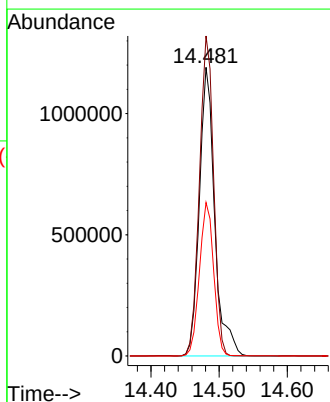
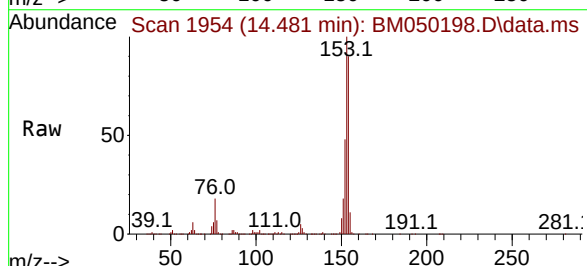
Manual Integrations
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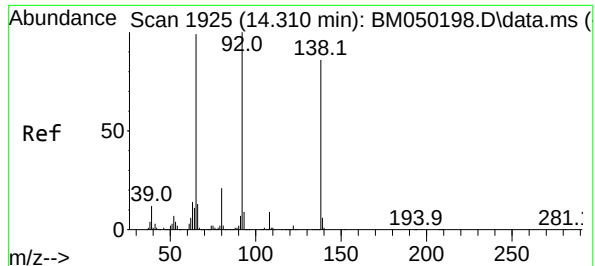
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#52
Acenaphthene
Concen: 38.456 ng
RT: 14.481 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

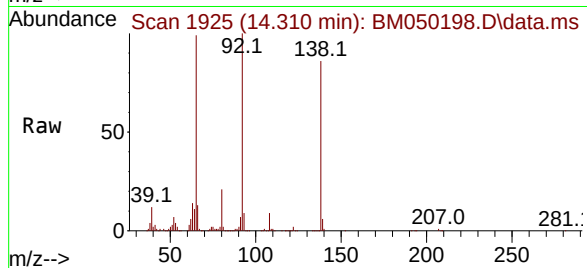
Tgt Ion:154 Resp: 1854951
Ion Ratio Lower Upper
154 100
153 110.9 88.7 133.1
152 53.2 42.6 63.8





#53
3-Nitroaniline
Concen: 42.518 ng
RT: 14.310 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

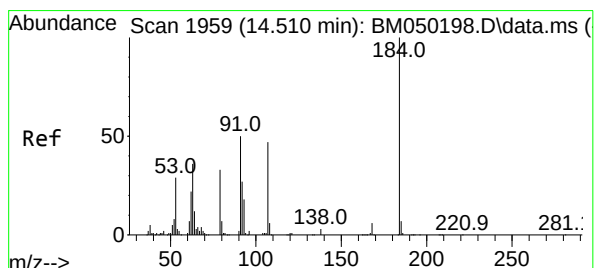
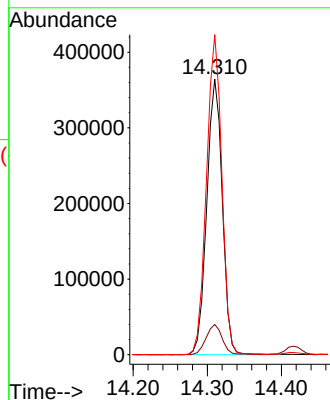
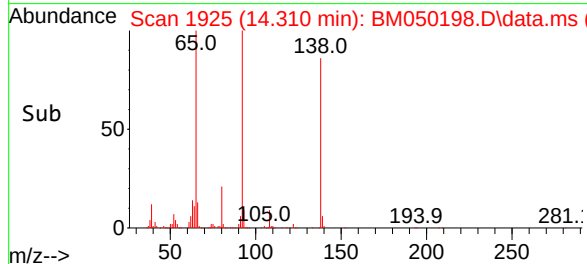
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



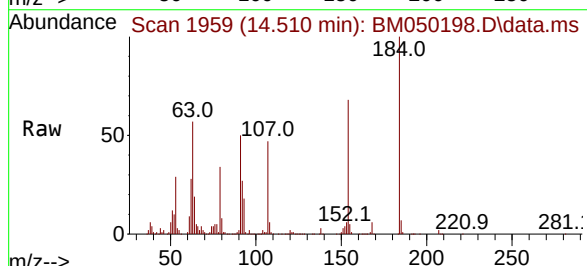
Tgt Ion:138 Resp: 52933
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 116.1 92.9 139.3

Manual Integrations
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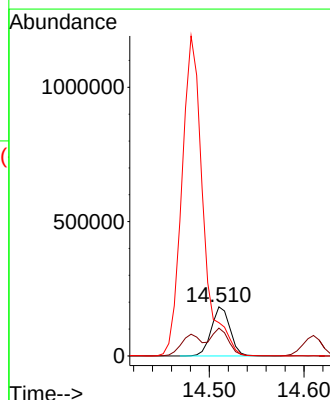
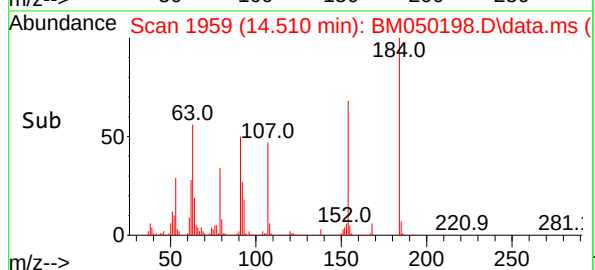
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

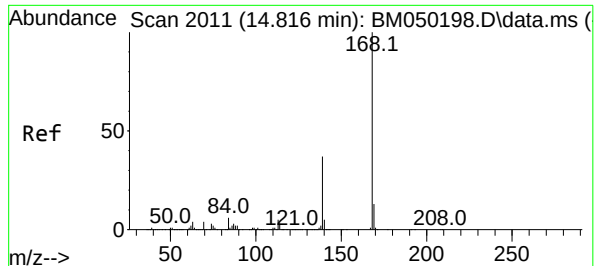


#54
2,4-Dinitrophenol
Concen: 37.659 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



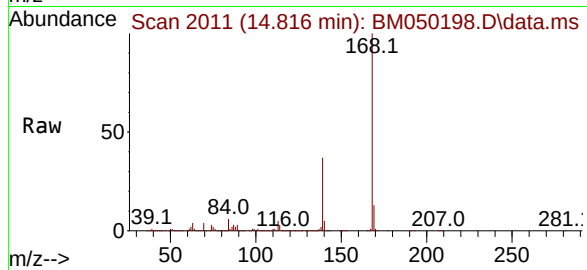
Tgt Ion:184 Resp: 249778
Ion Ratio Lower Upper
184 100
63 56.6 45.3 67.9
154 67.9 54.3 81.5





#55
Dibenzenofuran
Concen: 38.571 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

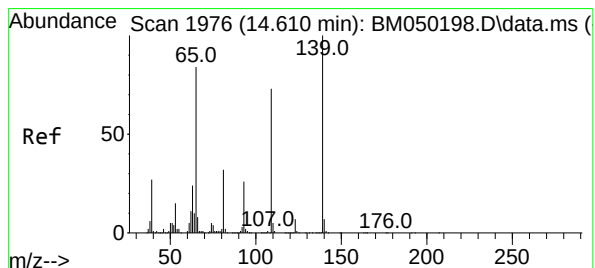
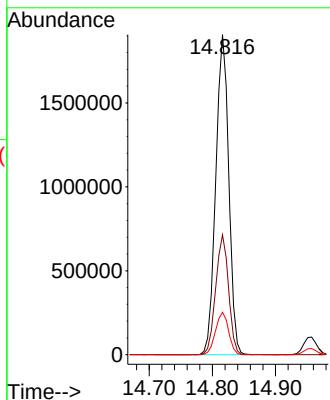
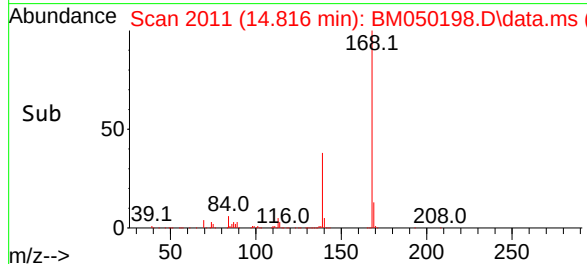
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 272186
Ion Ratio Lower Upper
168 100
139 37.4 29.9 44.9
169 13.3 10.6 16.0

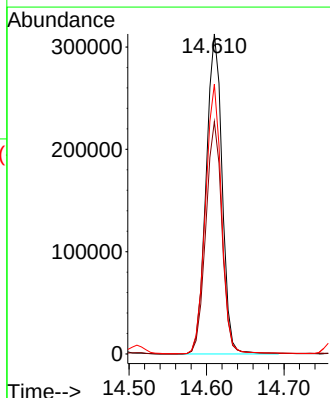
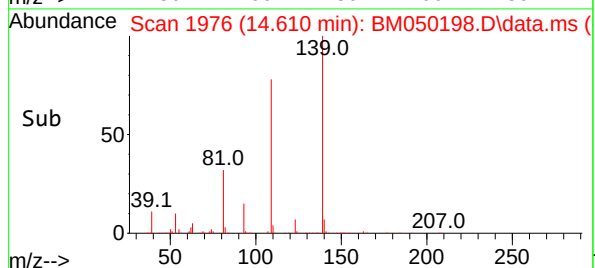
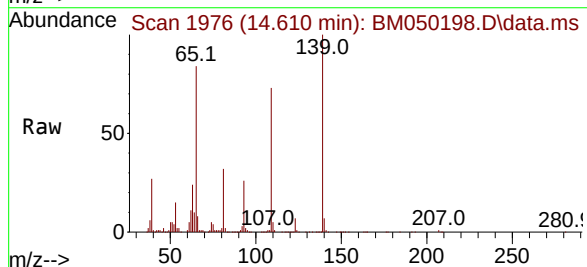
Manual Integrations
APPROVED

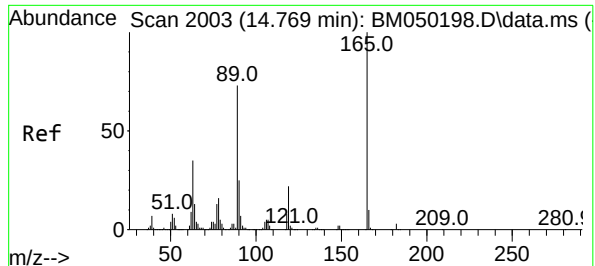
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#56
4-Nitrophenol
Concen: 42.399 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

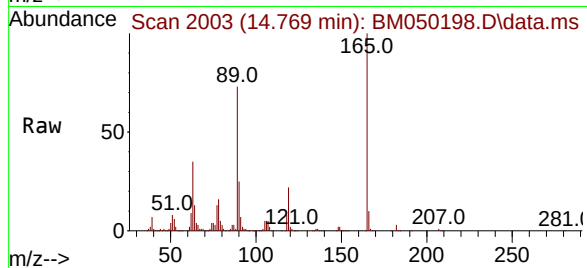
Tgt Ion:139 Resp: 449268
Ion Ratio Lower Upper
139 100
109 72.6 52.6 92.6
65 84.3 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 43.996 ng
RT: 14.769 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

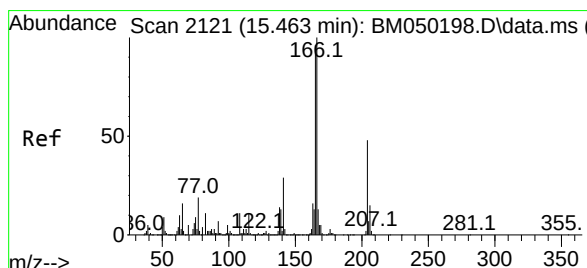
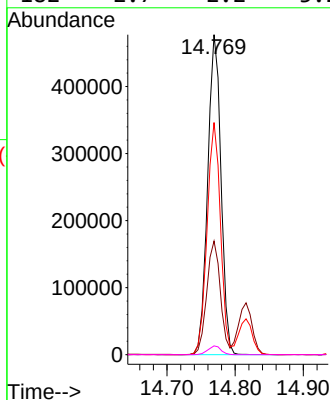
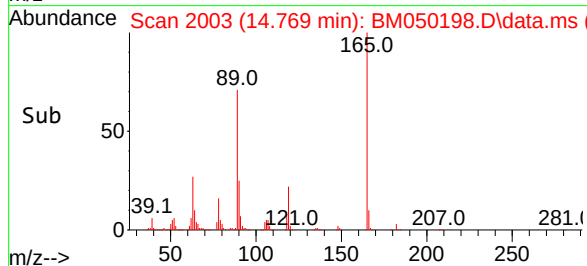
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 64829
Ion Ratio Lower Upper
165 100
63 35.5 28.4 42.6
89 72.5 58.0 87.0
182 2.7 2.2 3.2

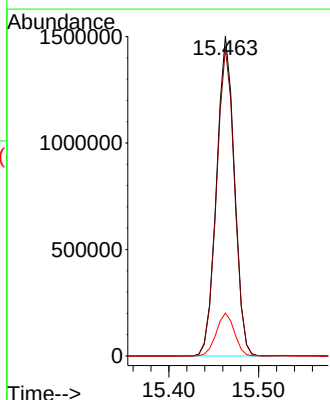
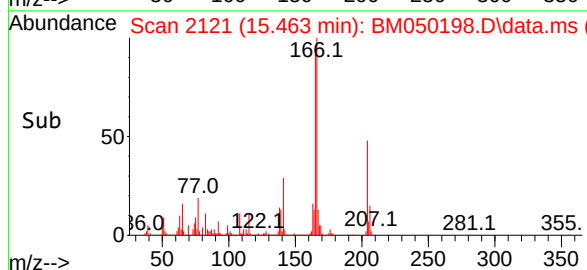
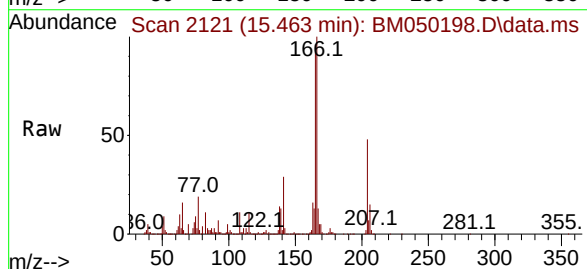
Manual Integrations
APPROVED

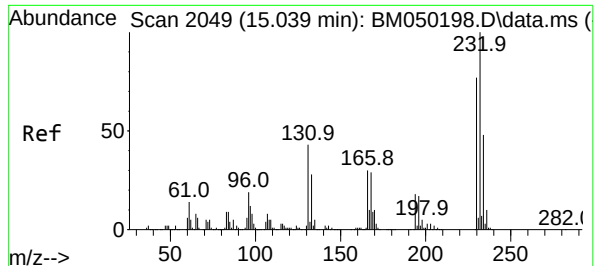
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#58
Fluorene
Concen: 38.407 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

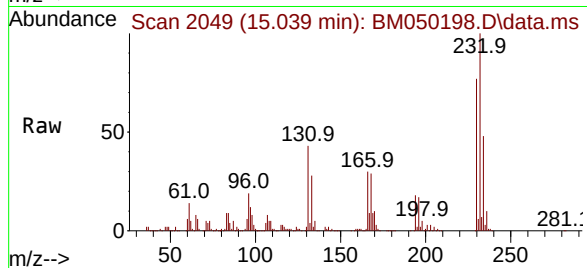
Tgt Ion:166 Resp: 2075880
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.4
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.441 ng m
RT: 15.039 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

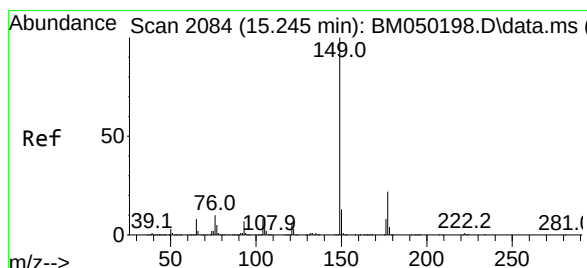
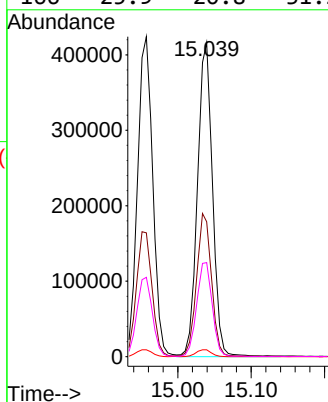
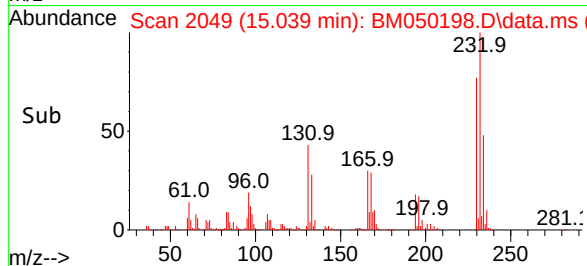
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 597490
Ion Ratio Lower Upper
232 100
131 40.9 32.9 49.3
130 2.3 1.8 2.8
166 25.9 20.8 31.2

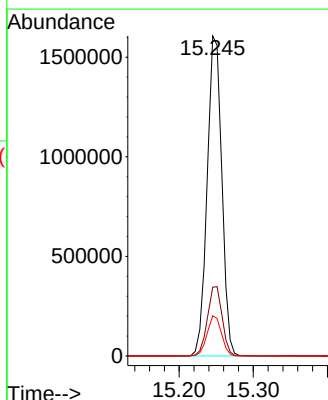
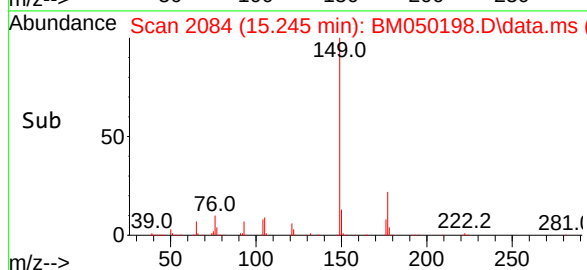
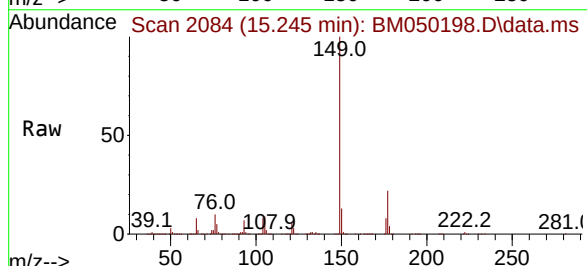
Manual Integrations
APPROVED

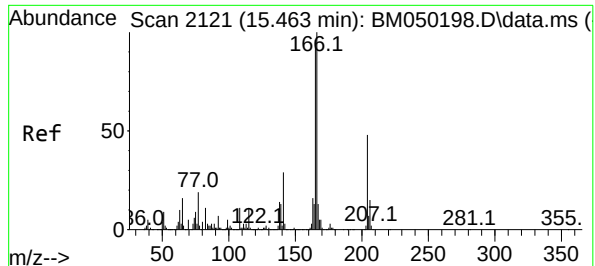
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#60
Diethylphthalate
Concen: 40.130 ng
RT: 15.245 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

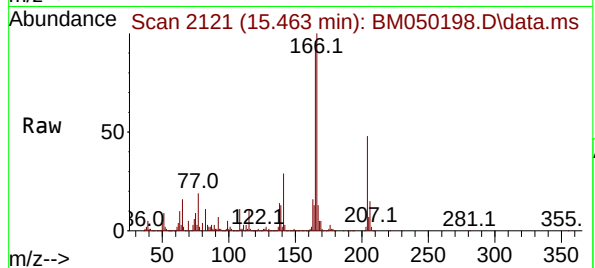
Tgt Ion:149 Resp: 2205514
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.331 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

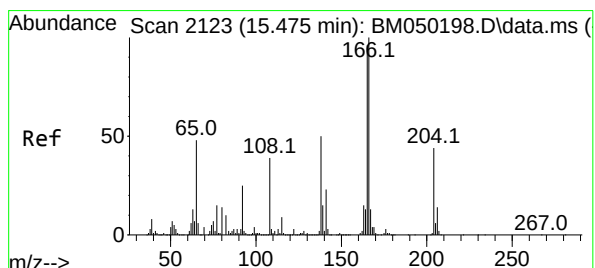
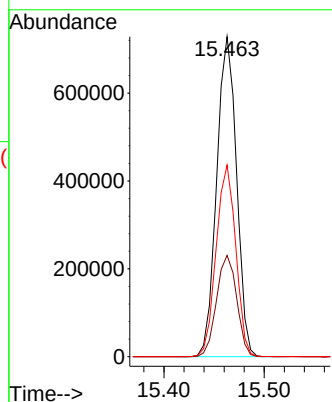
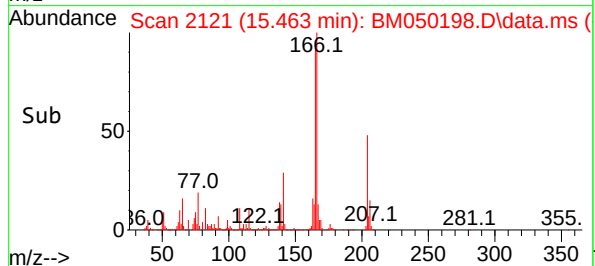
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 1001298
Ion Ratio Lower Upper
204 100
206 31.7 25.4 38.0
141 59.9 47.9 71.9

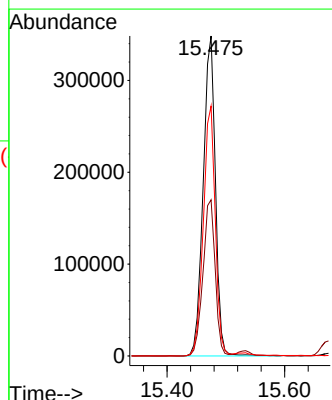
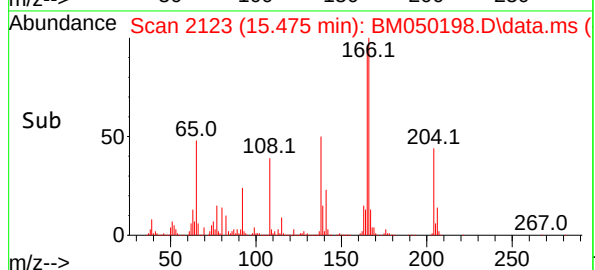
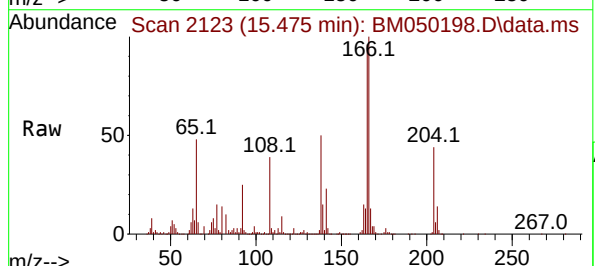
Manual Integrations
APPROVED

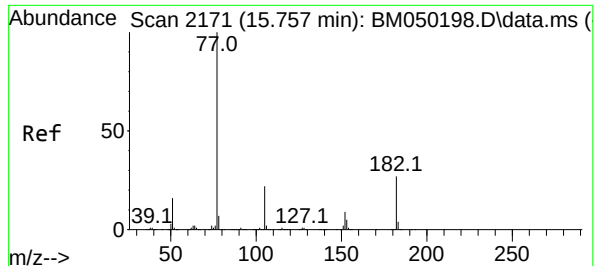
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#62
4-Nitroaniline
Concen: 43.174 ng
RT: 15.475 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

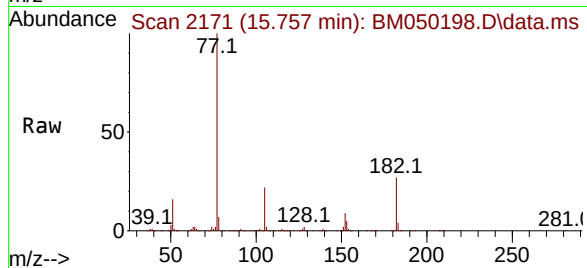
Tgt Ion:138 Resp: 503785
Ion Ratio Lower Upper
138 100
92 48.8 28.8 68.8
108 78.1 58.1 98.1





#63
Azobenzene
Concen: 39.165 ng
RT: 15.757 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

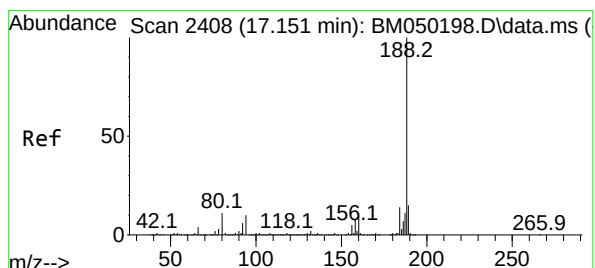
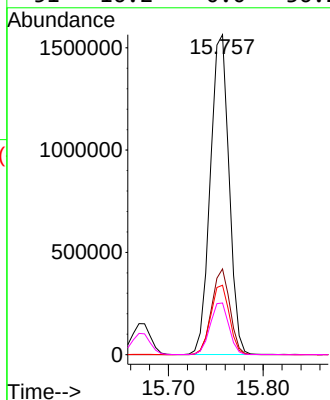
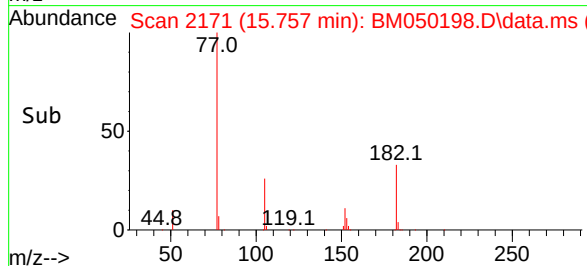
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 215145
Ion Ratio Lower Upper
77 100
182 26.8 6.8 46.8
105 21.7 1.7 41.7
51 16.2 0.0 36.2

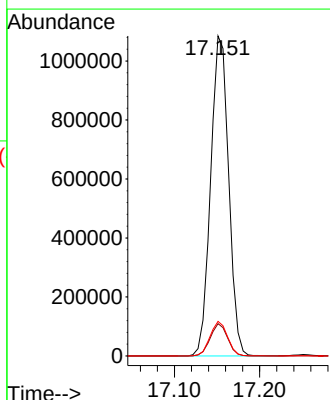
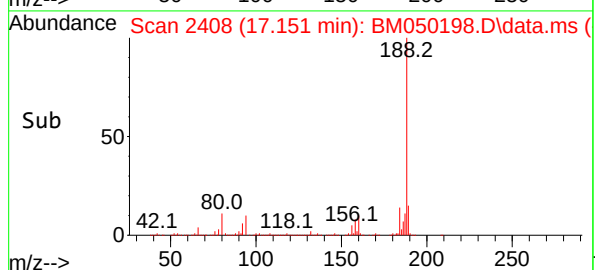
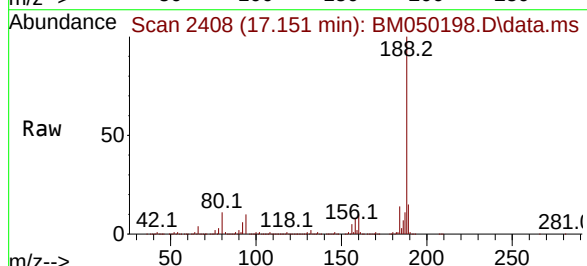
Manual Integrations
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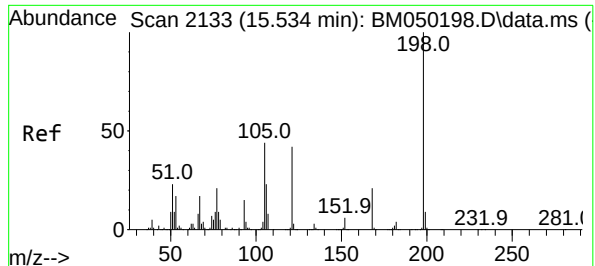
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

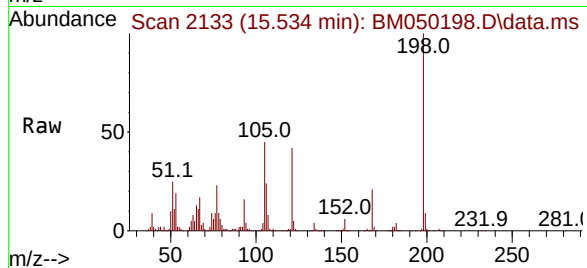
Tgt Ion:188 Resp: 1590674
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.8 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 40.658 ng
RT: 15.534 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

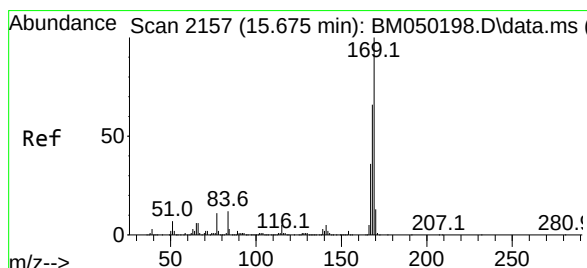
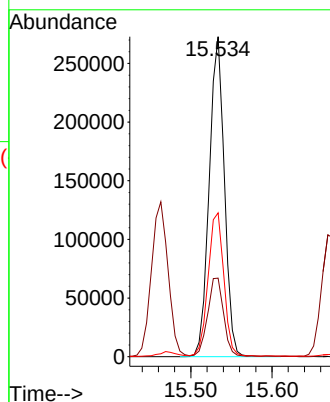
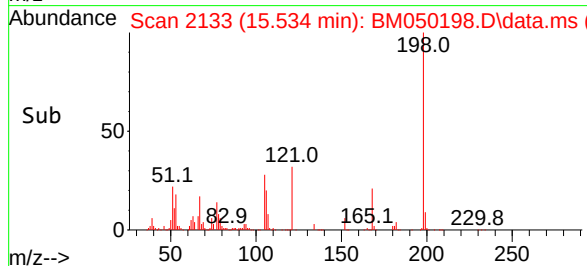
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:198 Resp: 353231
Ion Ratio Lower Upper
198 100
51 24.5 4.5 44.5
105 44.9 24.9 64.9

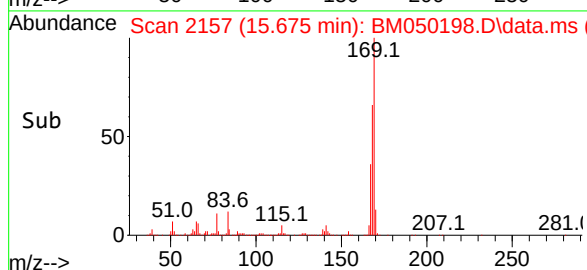
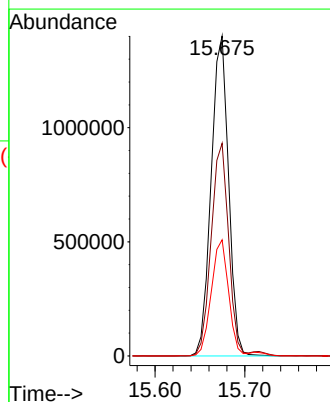
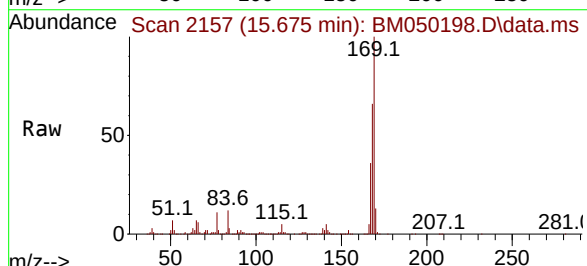
Manual Integrations
APPROVED

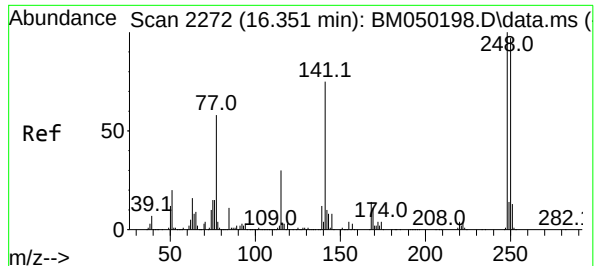
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#66
n-Nitrosodiphenylamine
Concen: 37.784 ng
RT: 15.675 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

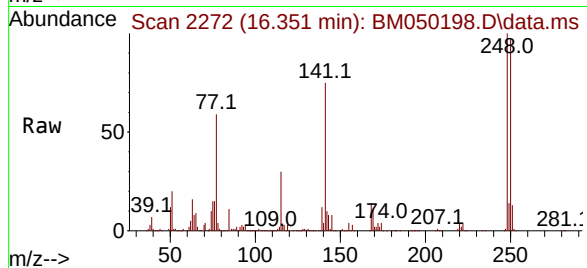
Tgt Ion:169 Resp: 1888442
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.210 ng
RT: 16.351 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

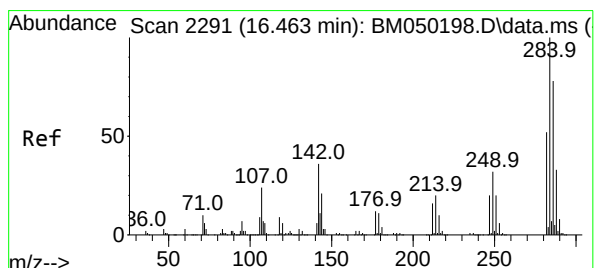
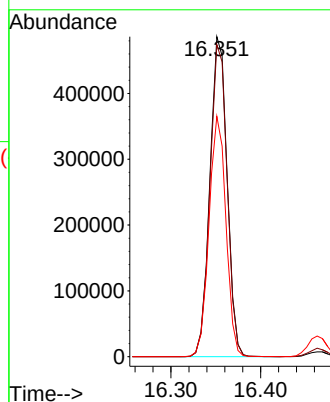
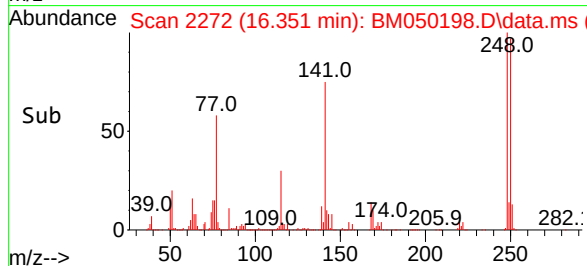
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 648140
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 75.1 60.1 90.1

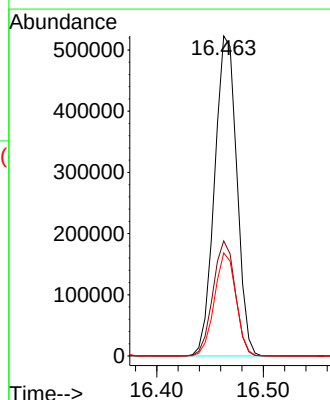
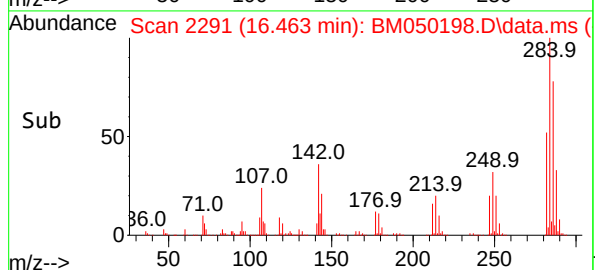
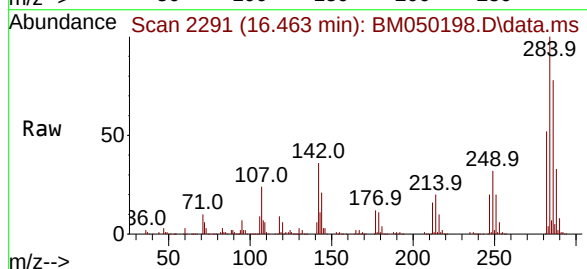
Manual Integrations
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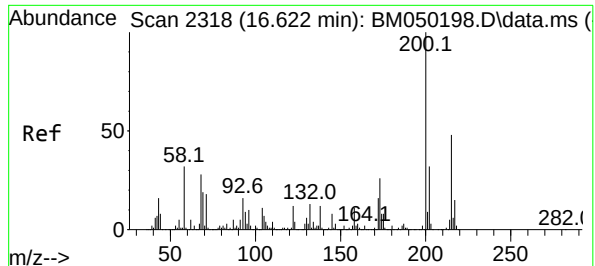
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#68
Hexachlorobenzene
Concen: 38.133 ng
RT: 16.463 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

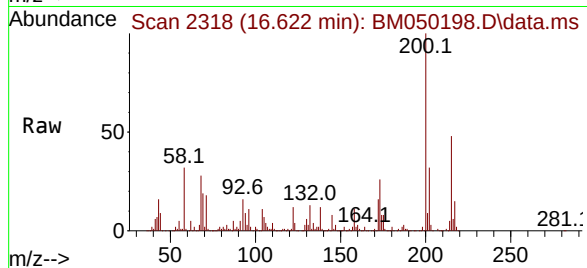
Tgt Ion:284 Resp: 755736
Ion Ratio Lower Upper
284 100
142 36.0 28.8 43.2
249 32.2 25.8 38.6





#69
Atrazine
Concen: 41.086 ng
RT: 16.622 min Scan# 2318
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

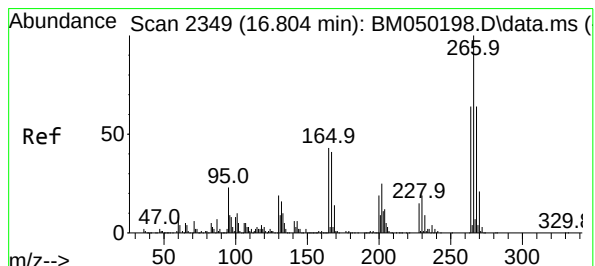
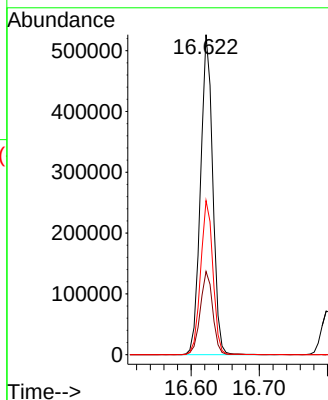
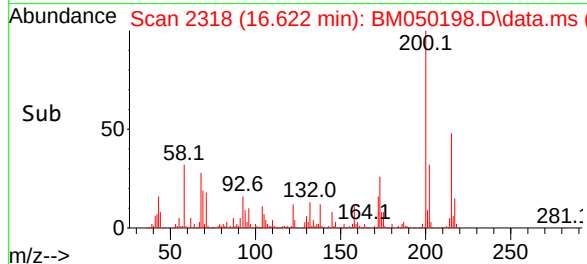
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



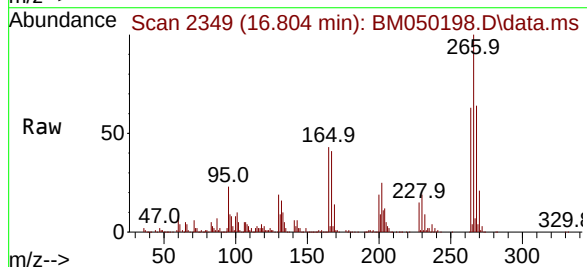
Tgt Ion:200 Resp: 654294
Ion Ratio Lower Upper
200 100
173 26.0 6.0 46.0
215 48.1 28.1 68.1

Manual Integrations
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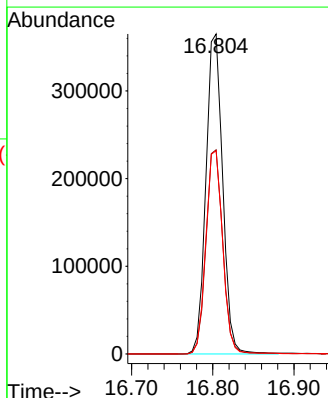
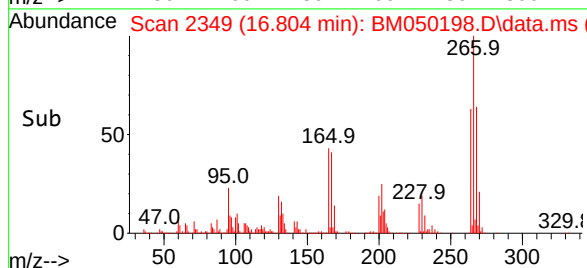
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

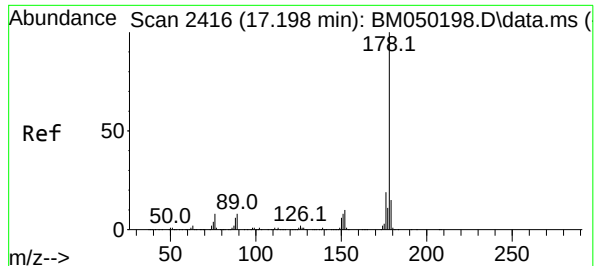


#70
Pentachlorophenol
Concen: 40.433 ng
RT: 16.804 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



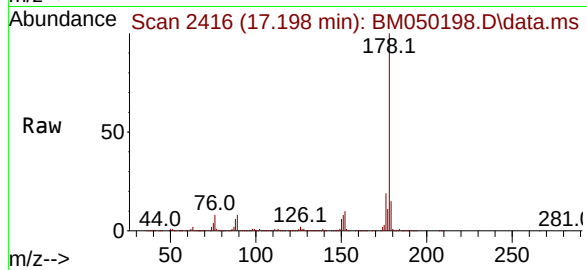
Tgt Ion:266 Resp: 520982
Ion Ratio Lower Upper
266 100
268 63.8 51.0 76.6
264 63.5 50.8 76.2





#71
Phenanthrene
Concen: 37.488 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

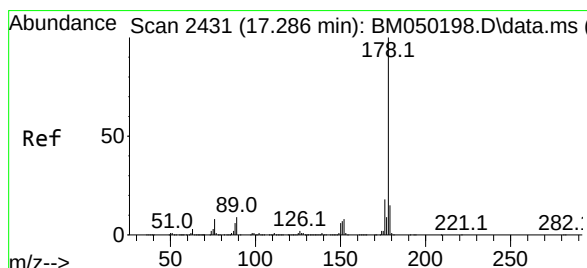
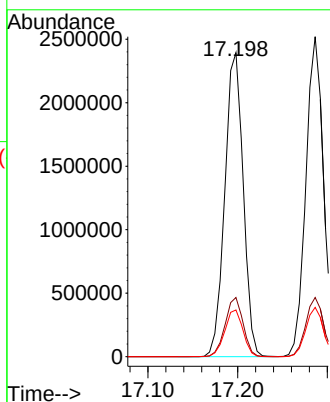
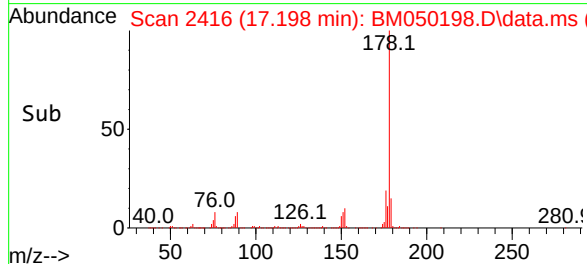
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 3406564
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.4 12.3 18.5

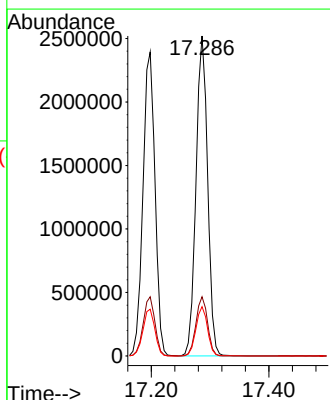
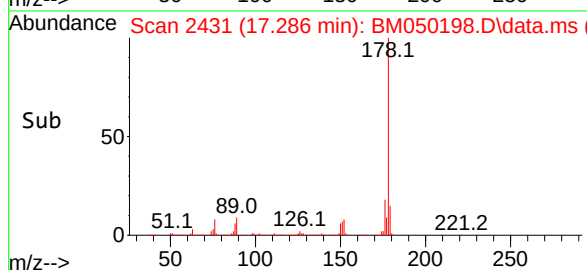
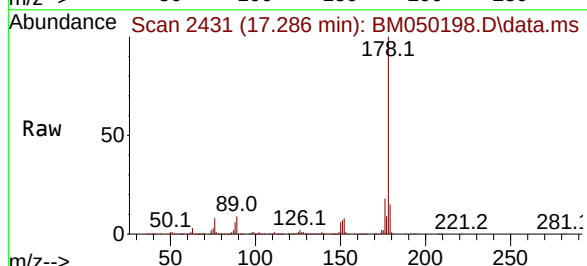
Manual Integrations
APPROVED

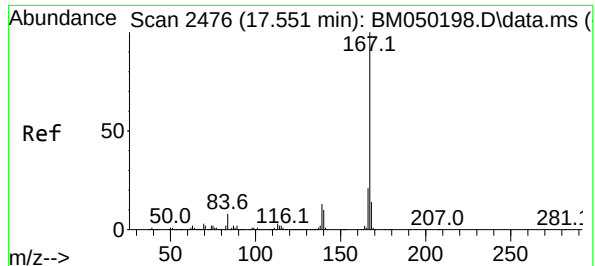
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#72
Anthracene
Concen: 38.008 ng
RT: 17.286 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

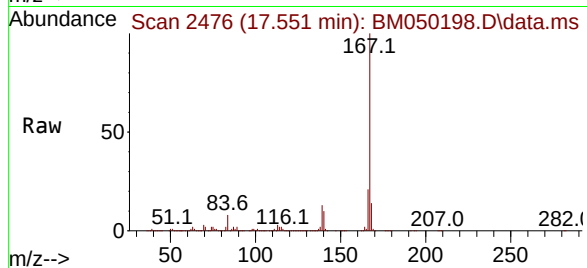
Tgt Ion:178 Resp: 3455118
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.3 18.5





#73
Carbazole
Concen: 38.758 ng
RT: 17.551 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

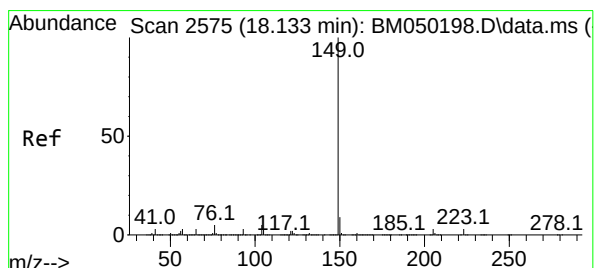
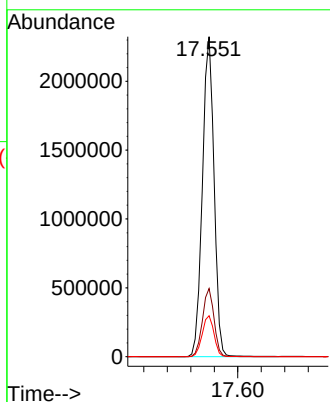
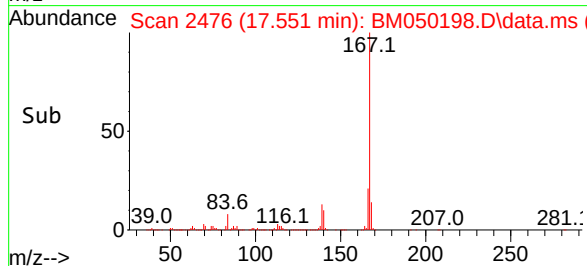
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



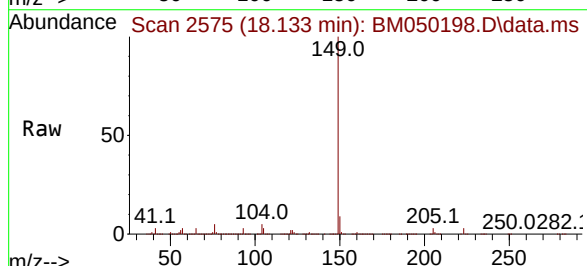
Tgt Ion:167 Resp: 3209810
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.8 10.2 15.4

Manual Integrations
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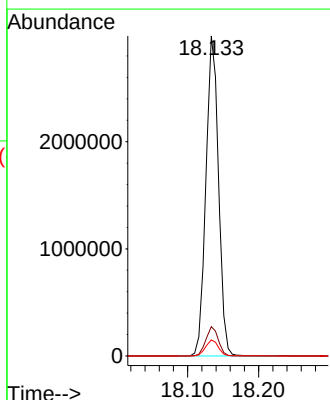
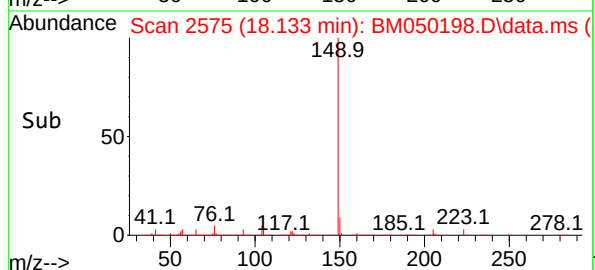
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

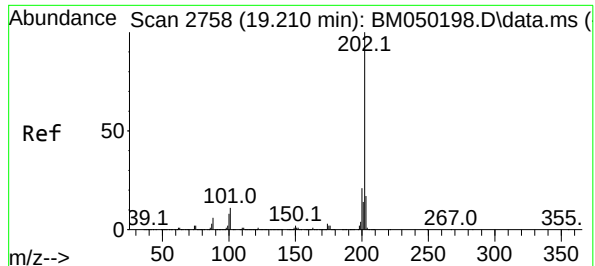


#74
Di-n-butylphthalate
Concen: 40.935 ng
RT: 18.133 min Scan# 2575
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



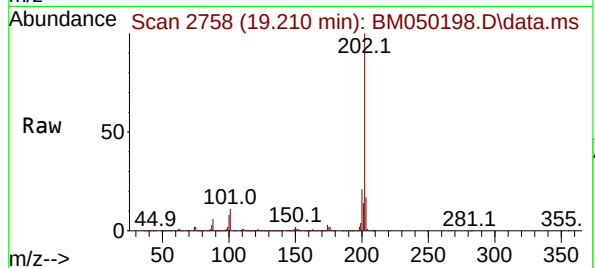
Tgt Ion:149 Resp: 3688687
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 39.116 ng
RT: 19.210 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

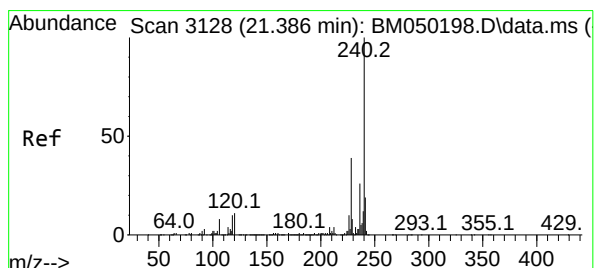
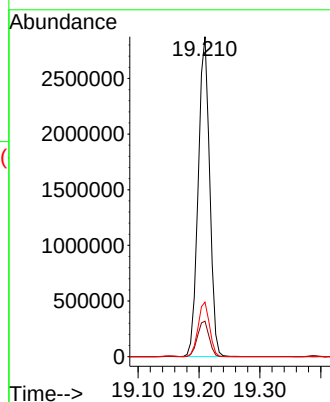
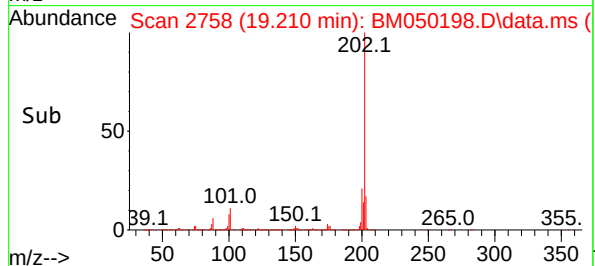
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 3748435
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.0 0.0 37.0

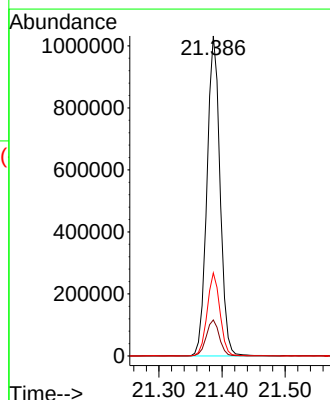
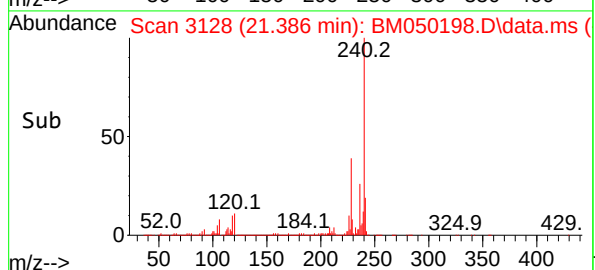
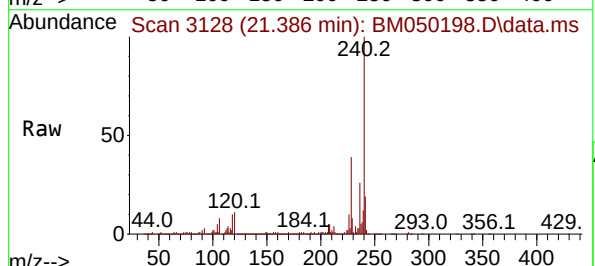
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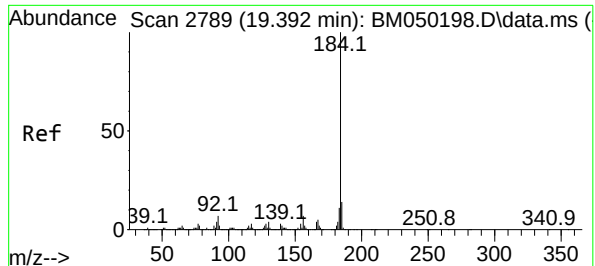
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

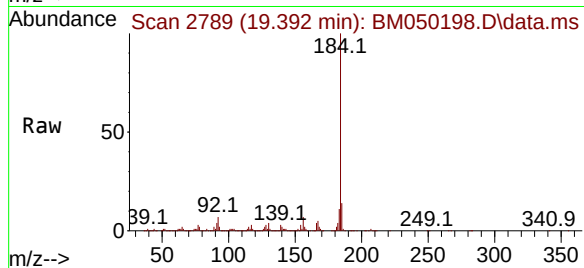
Tgt Ion:240 Resp: 1484493
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 25.9 20.7 31.1





#77
Benzidine
Concen: 43.865 ng
RT: 19.392 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

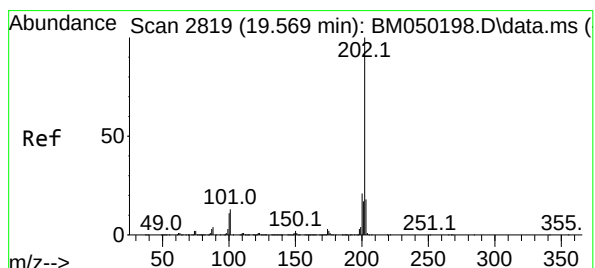
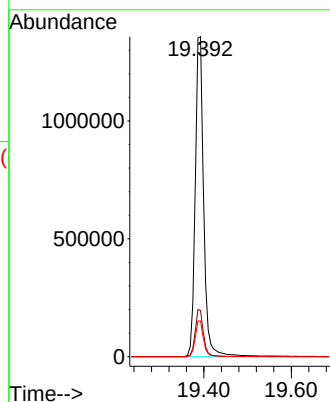
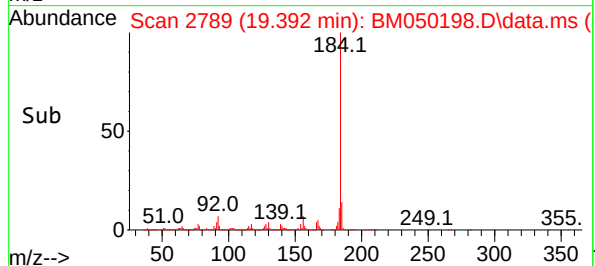
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 1831158
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.2 9.0 13.4

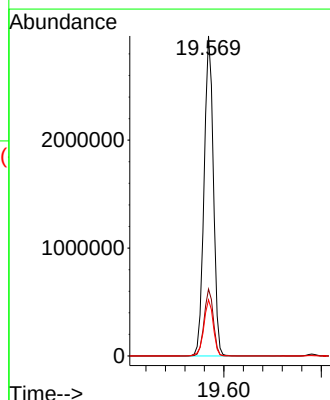
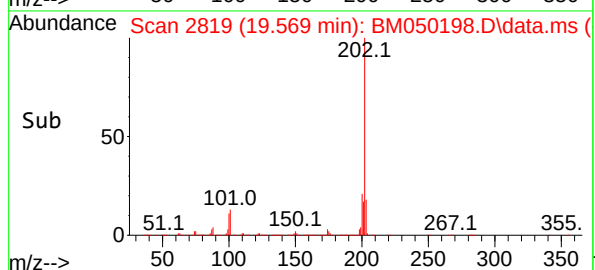
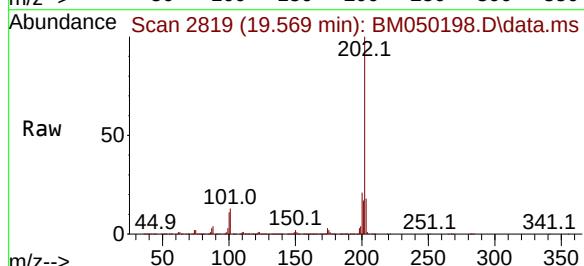
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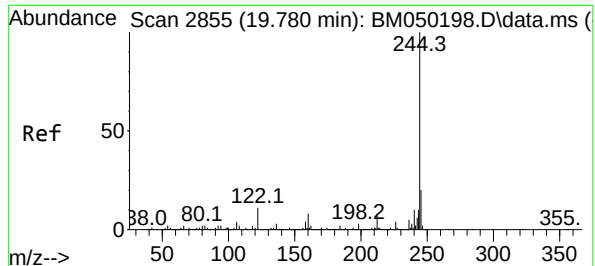
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#78
Pyrene
Concen: 39.288 ng
RT: 19.569 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

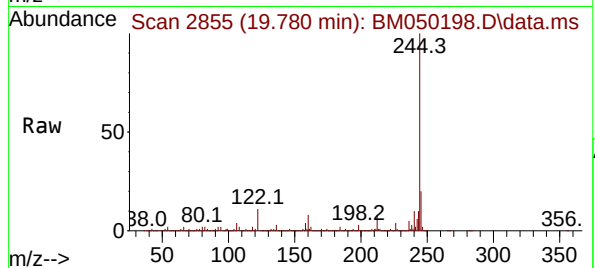
Tgt Ion:202 Resp: 3930978
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 76.566 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. 0.000 min
 Lab File: BM050198.D
 Acq: 05 Jun 2025 11:57

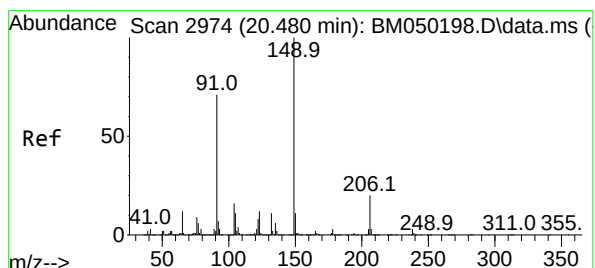
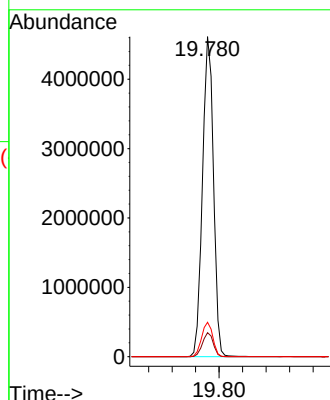
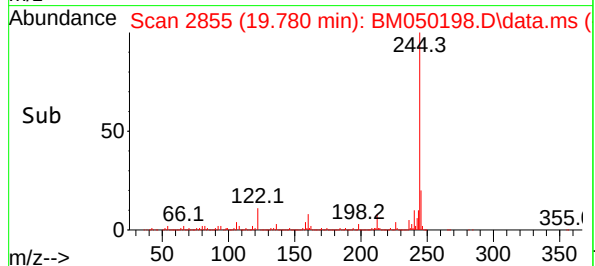
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040



Tgt Ion:244 Resp: 599794
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.7 8.6 12.8

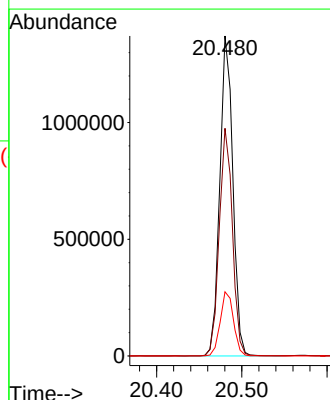
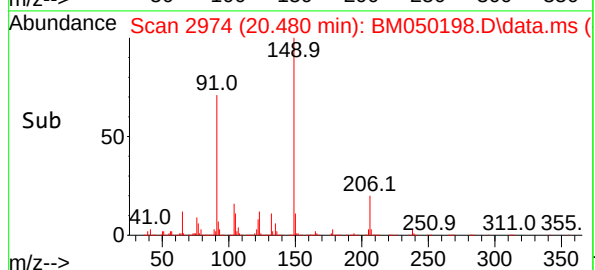
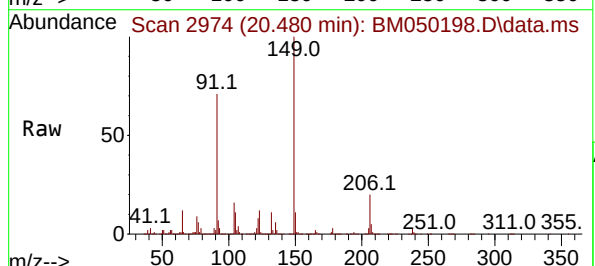
Manual Integrations
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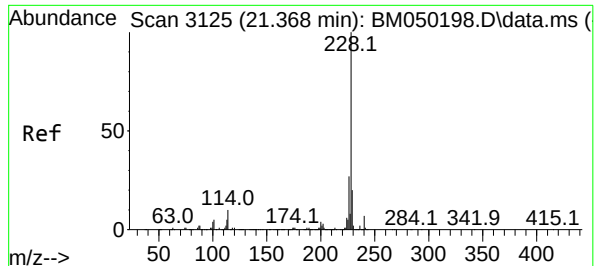
Reviewed By :Rahul Chavli 06/05/2025
 Supervised By :Jagrut Upadhyay 06/06/2025



#80
 Butylbenzylphthalate
 Concen: 43.604 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. 0.000 min
 Lab File: BM050198.D
 Acq: 05 Jun 2025 11:57

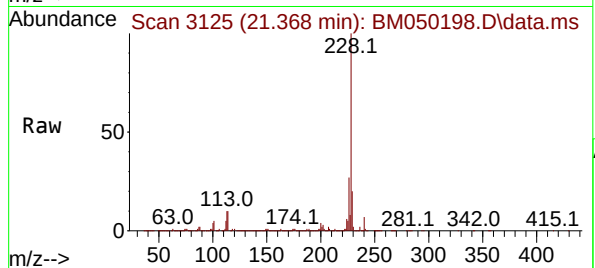
Tgt Ion:149 Resp: 1455291
 Ion Ratio Lower Upper
 149 100
 91 71.1 56.9 85.3
 206 20.1 16.1 24.1





#81
Benzo(a)anthracene
Concen: 38.488 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

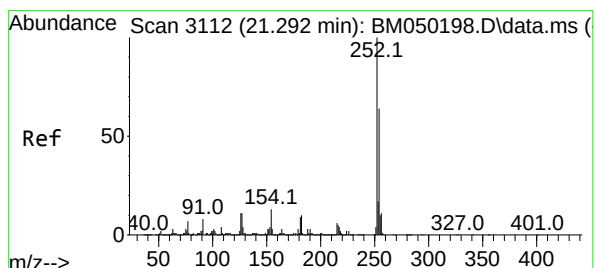
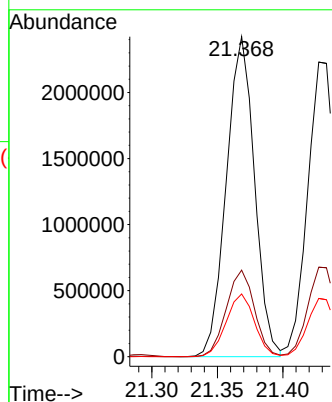
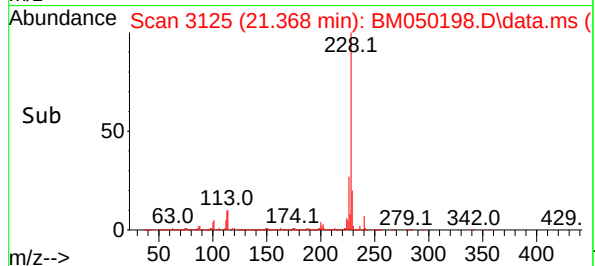
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 3616438
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.6 15.7 23.5

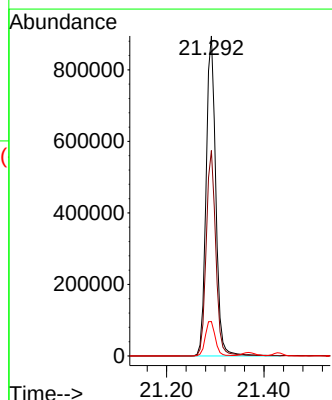
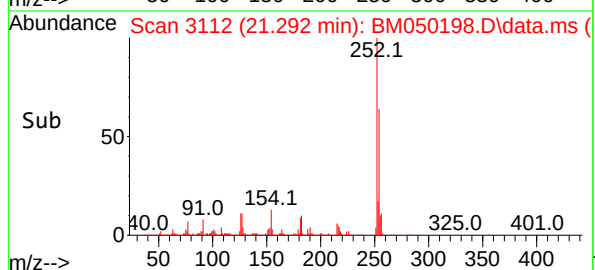
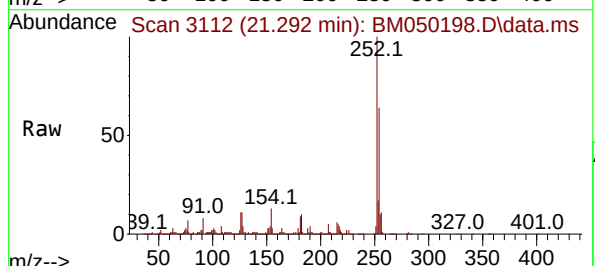
Manual Integrations
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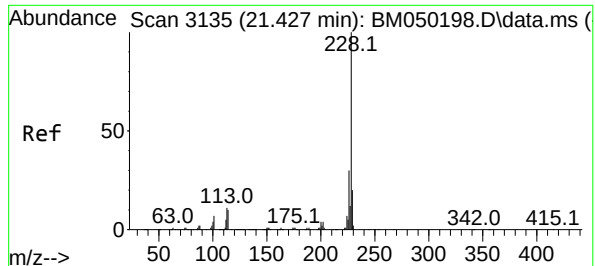
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.008 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:252 Resp: 1232348
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 10.7 8.6 12.8





#83

Chrysene

Concen: 38.218 ng

RT: 21.427 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BM050198.D

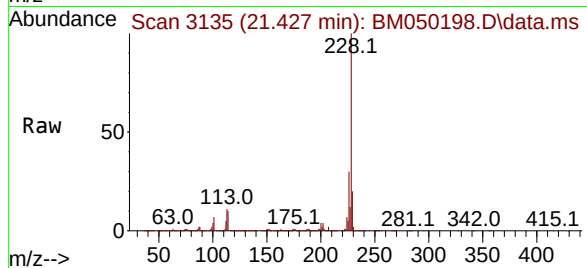
Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:228 Resp: 341584

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

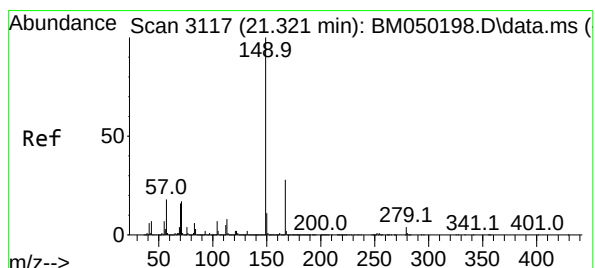
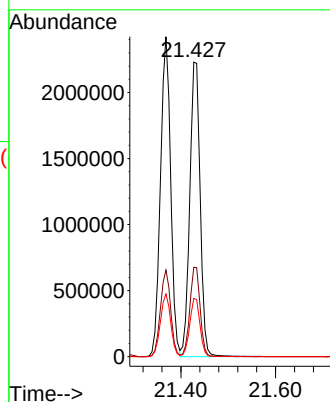
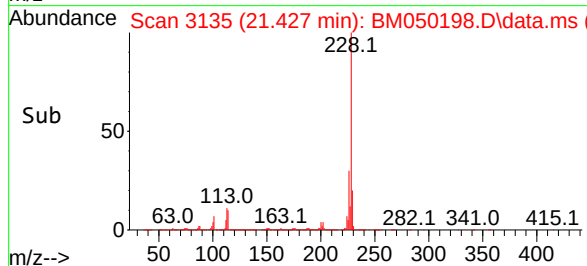
229 19.8 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.764 ng

RT: 21.321 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

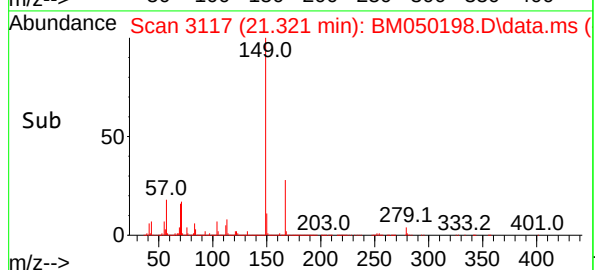
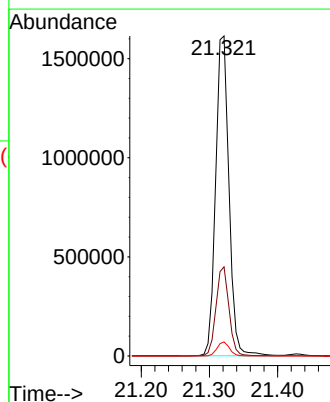
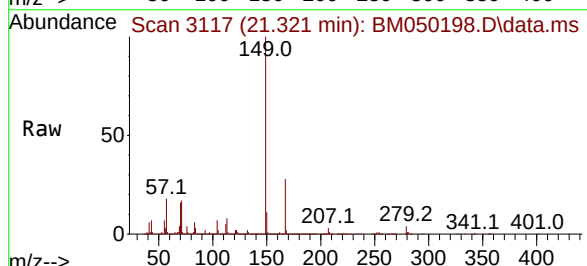
Tgt Ion:149 Resp: 2198448

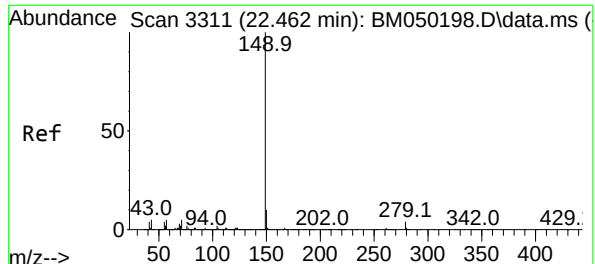
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

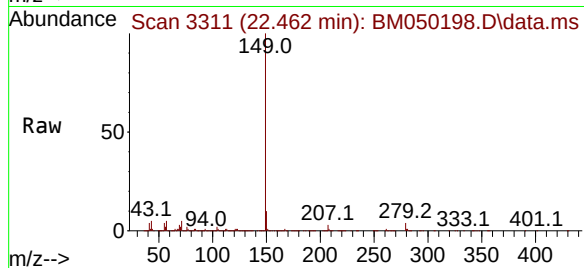
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 43.375 ng
RT: 22.462 min Scan# 3311
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

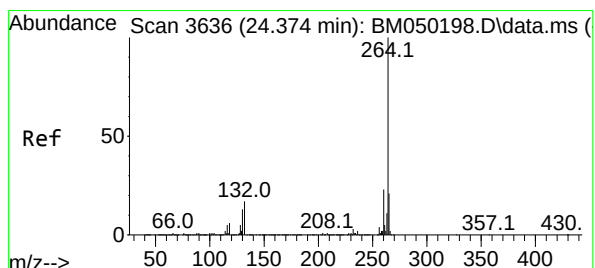
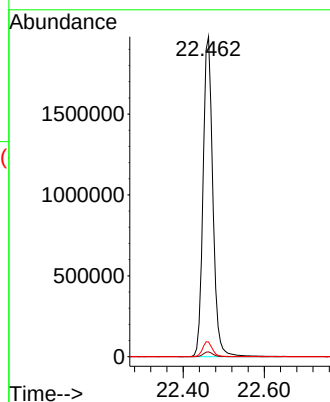
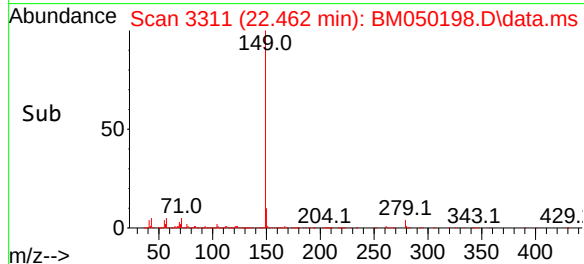
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 3308880
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.8 3.8 5.8

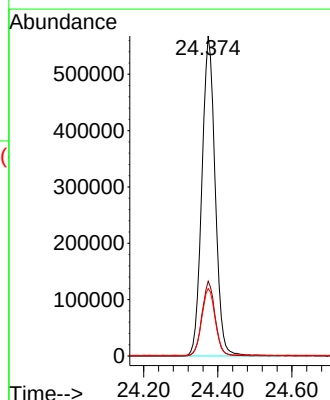
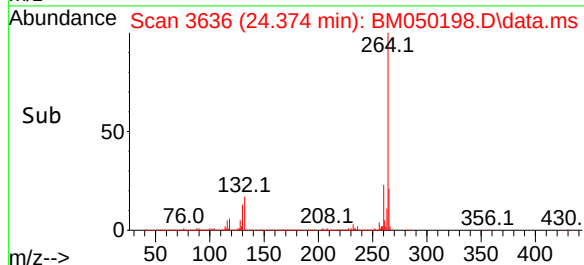
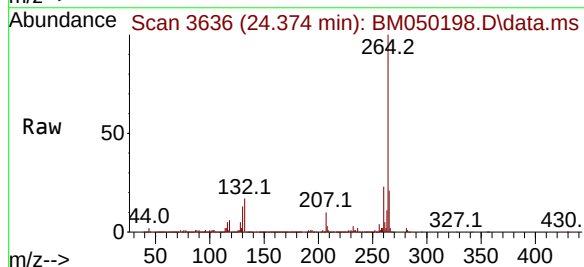
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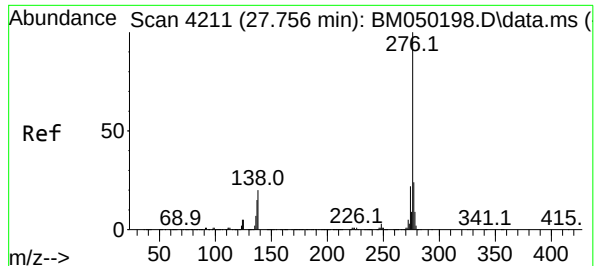
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

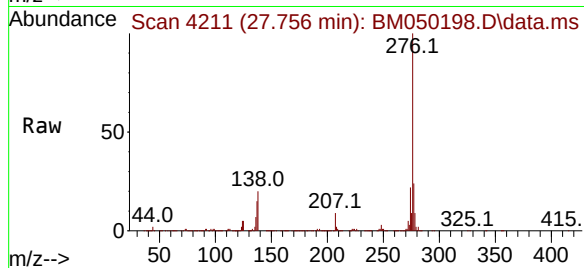
Tgt Ion:264 Resp: 1410376
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.0 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.991 ng
RT: 27.756 min Scan# 4211
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

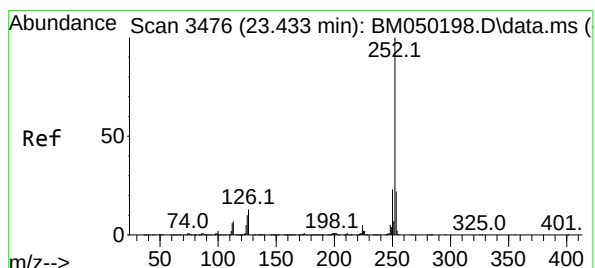
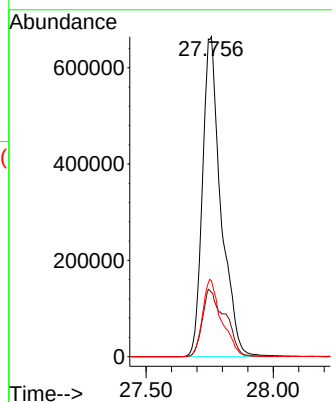
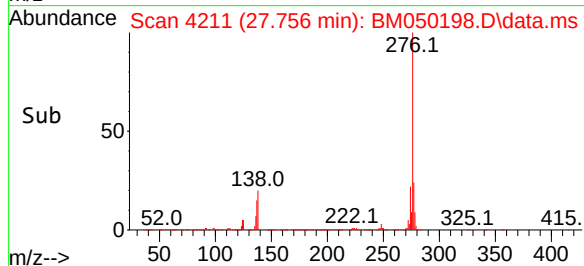
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 3359194
Ion Ratio Lower Upper
276 100
138 25.8 20.6 30.8
277 24.8 19.8 29.6

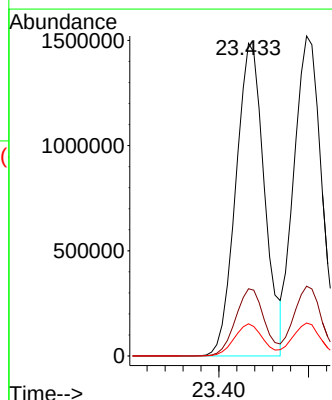
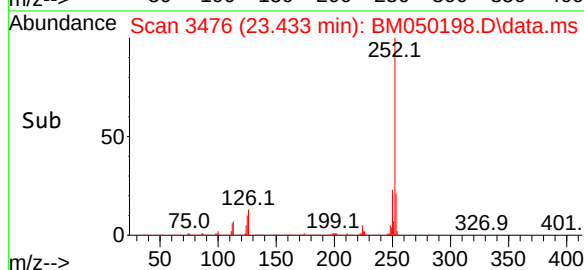
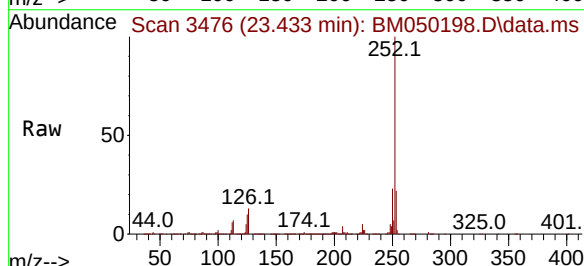
Manual Integrations
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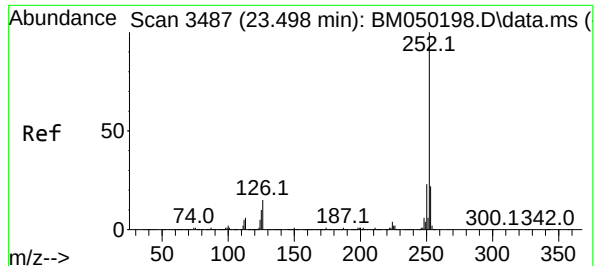
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#88
Benzo(b)fluoranthene
Concen: 40.232 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:252 Resp: 3299020
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 39.327 ng

RT: 23.498 min Scan# 3487

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 3292030

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

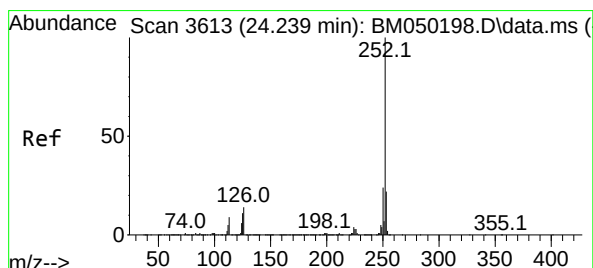
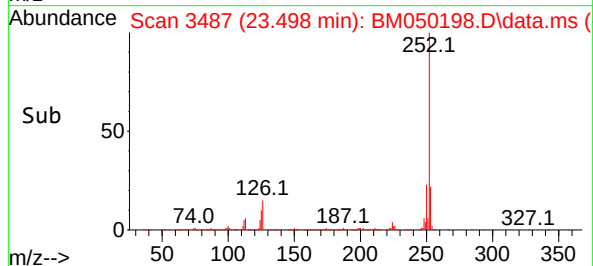
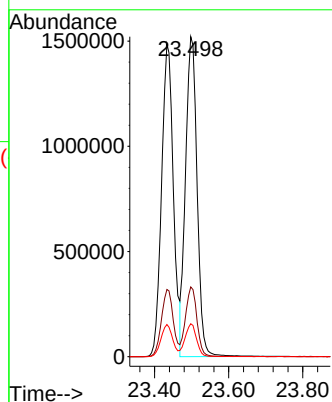
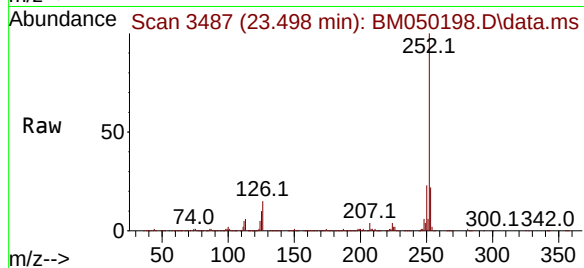
125 10.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#90

Benzo(a)pyrene

Concen: 39.542 ng

RT: 24.239 min Scan# 3613

Delta R.T. 0.000 min

Lab File: BM050198.D

Acq: 05 Jun 2025 11:57

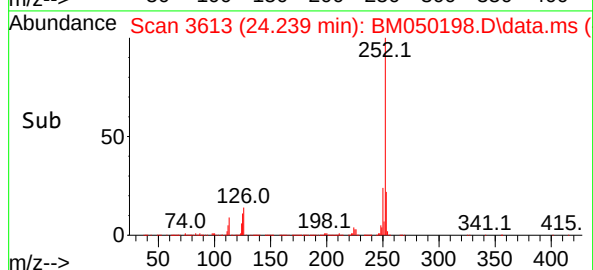
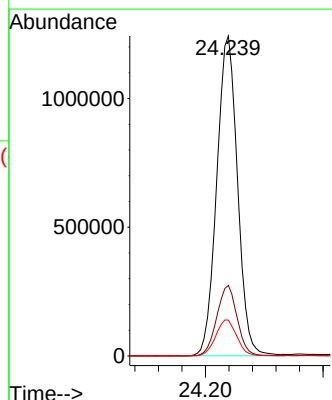
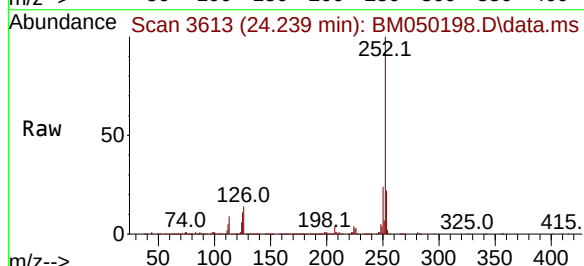
Tgt Ion:252 Resp: 3048619

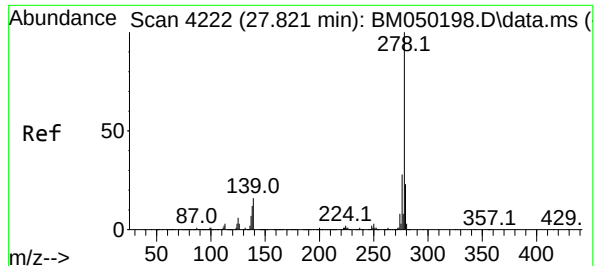
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

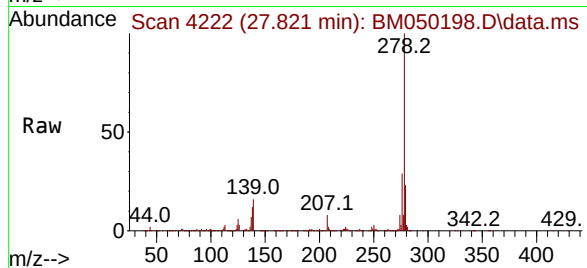
125 11.2 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 37.184 ng
RT: 27.821 min Scan# 4222
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

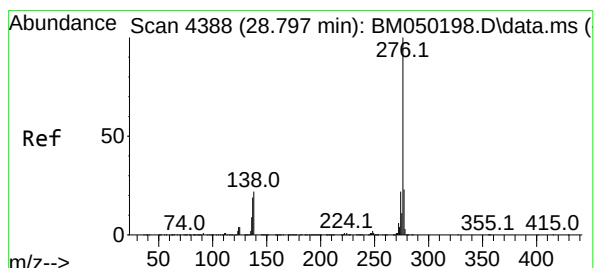
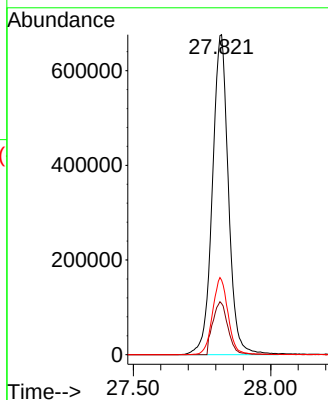
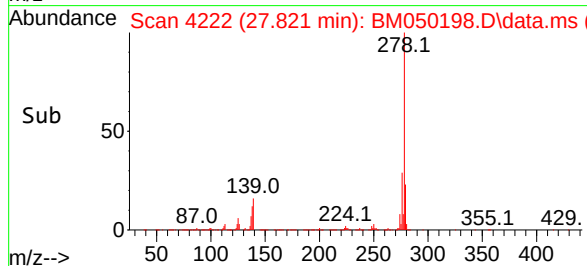
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 274089
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.3 18.6 28.0

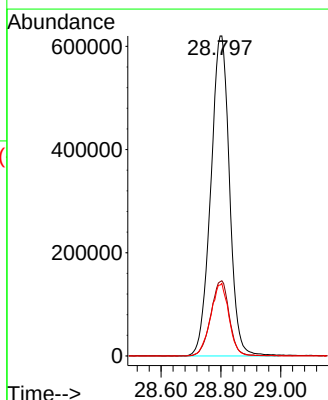
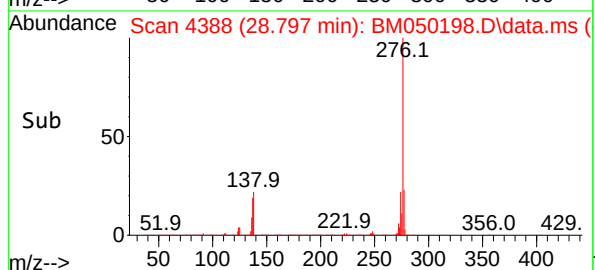
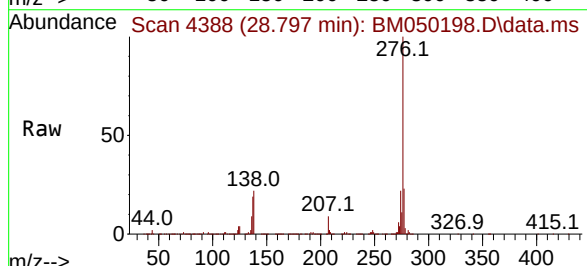
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#92
Benzo(g,h,i)perylene
Concen: 36.467 ng
RT: 28.797 min Scan# 4388
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Tgt Ion:276 Resp: 2690355
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 22.2 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050199.D
 Acq On : 05 Jun 2025 12:36
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Jun 05 14:59:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	291057	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1245308	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	784298	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1523841	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1446151	20.000	ng	0.00
86) Perylene-d12	24.374	264	1421732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1802037	103.281	ng	0.00
7) Phenol-d6	6.951	99	2472934	107.666	ng	0.00
23) Nitrobenzene-d5	8.939	82	2579483	107.728	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	994114	111.437	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	5738887	99.064	ng	0.00
79) Terphenyl-d14	19.786	244	7692376	100.800	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	371991	48.638	ng	100
3) Pyridine	3.681	79	1036652	52.340	ng	98
4) n-Nitrosodimethylamine	3.593	42	215821	52.696	ng	95
6) Aniline	7.116	93	1637124	53.917	ng	100
8) 2-Chlorophenol	7.351	128	1032007	53.773	ng	99
9) Benzaldehyde	6.928	77	709626	48.594	ng	99
10) Phenol	6.981	94	1296462	53.347	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1039221	53.164	ng	98
12) 1,3-Dichlorobenzene	7.681	146	1124523	52.412	ng	100
13) 1,4-Dichlorobenzene	7.822	146	1157927	51.870	ng	100
14) 1,2-Dichlorobenzene	8.140	146	1120717	52.663	ng	99
15) Benzyl Alcohol	8.022	79	921887	56.274	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	711769	52.417	ng	99
17) 2-Methylphenol	8.222	107	878183	54.767	ng	100
18) Hexachloroethane	8.869	117	431469	53.371	ng	99
19) n-Nitroso-di-n-propyla...	8.598	70	797673	56.751	ng	100
20) 3+4-Methylphenols	8.551	107	1208370	56.326	ng	98
22) Acetophenone	8.604	105	1616196	51.949	ng	99
24) Nitrobenzene	8.981	77	1151898	52.895	ng	99
25) Isophorone	9.510	82	2280770	55.187	ng	100
26) 2-Nitrophenol	9.692	139	552994	58.828	ng	98
27) 2,4-Dimethylphenol	9.751	122	1034501	53.511	ng	100
28) bis(2-Chloroethoxy)met...	9.992	93	1463553	54.208	ng	99
29) 2,4-Dichlorophenol	10.222	162	991973	55.499	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	1048864	52.734	ng	98
31) Naphthalene	10.628	128	3303529	51.309	ng	100
32) Benzoic acid	9.892	122	725550	59.774	ng	99
33) 4-Chloroaniline	10.728	127	1484906	54.095	ng	99
34) Hexachlorobutadiene	10.928	225	629209	53.185	ng	99
35) Caprolactam	11.510	113	348835	61.561	ng	98
36) 4-Chloro-3-methylphenol	11.857	107	1081009	56.680	ng	100
37) 2-Methylnaphthalene	12.239	142	2112994	54.400	ng	98
38) 1-Methylnaphthalene	12.463	142	2223932	53.945	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1155693	51.030	ng	100
41) Hexachlorocyclopentadiene	12.598	237	749110	54.466	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	810794	54.440	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050199.D
 Acq On : 05 Jun 2025 12:36
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Jun 05 14:59:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

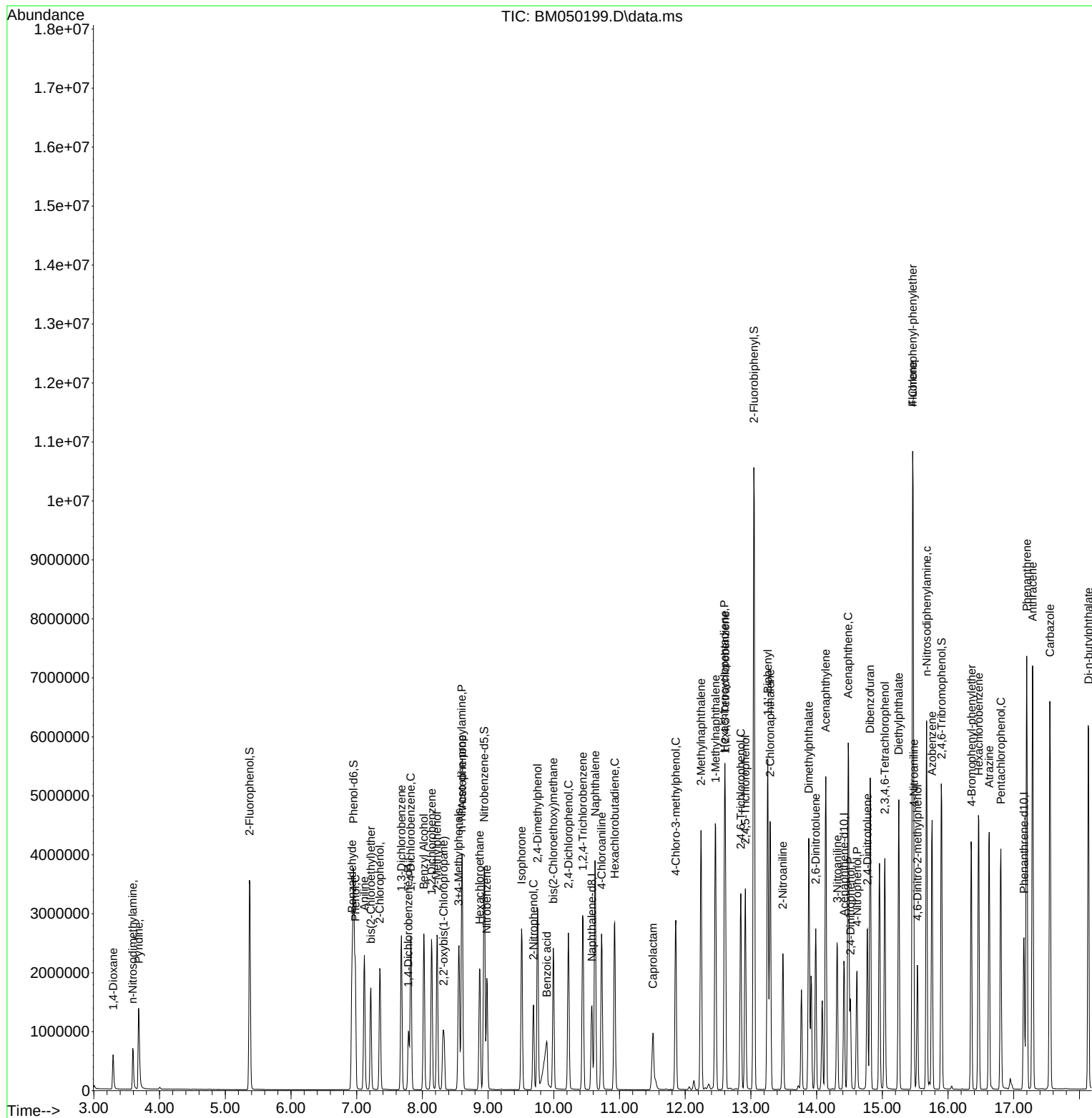
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	896452	54.822	ng	100
46) 1,1'-Biphenyl	13.257	154	2992234	50.951	ng	99
47) 2-Chloronaphthalene	13.292	162	2296762	50.305	ng	99
48) 2-Nitroaniline	13.486	65	591382	58.859	ng	99
49) Acenaphthylene	14.139	152	3878499	52.521	ng	100
50) Dimethylphthalate	13.880	163	2890771	54.500	ng	100
51) 2,6-Dinitrotoluene	13.986	165	627879	58.698	ng	97
52) Acenaphthene	14.480	154	2406891	52.109	ng	99
53) 3-Nitroaniline	14.316	138	706323	59.247	ng	98
54) 2,4-Dinitrophenol	14.516	184	350975	54.263	ng	91
55) Dibenzofuran	14.816	168	3522761	52.131	ng	100
56) 4-Nitrophenol	14.616	139	601906	59.319	ng	98
57) 2,4-Dinitrotoluene	14.774	165	876137	62.091	ng	97
58) Fluorene	15.463	166	2643113	51.068	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	786725	55.608	ng	92
60) Diethylphthalate	15.251	149	2921964	55.521	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1293938	51.728	ng	99
62) 4-Nitroaniline	15.480	138	669832	59.947	ng	99
63) Azobenzene	15.757	77	2829707	53.794	ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	487410	58.562	ng	98
66) n-Nitrosodiphenylamine	15.674	169	2459825	51.375	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	868132	53.423	ng	97
68) Hexachlorobenzene	16.468	284	993147	52.310	ng	96
69) Atrazine	16.627	200	878900	57.610	ng	100
70) Pentachlorophenol	16.804	266	711985	57.680	ng	100
71) Phenanthrene	17.198	178	4421661	50.793	ng	100
72) Anthracene	17.286	178	4499098	51.663	ng	99
73) Carbazole	17.551	167	4203693	52.985	ng	100
74) Di-n-butylphthalate	18.139	149	4951541	57.359	ng	100
75) Fluoranthene	19.209	202	4957680	54.004	ng	99
77) Benzidine	19.392	184	2489372	61.214	ng	100
78) Pyrene	19.568	202	5143501	52.769	ng	99
80) Butylbenzylphthalate	20.486	149	2036123	62.625	ng	98
81) Benzo(a)anthracene	21.368	228	4836514	52.838	ng	99
82) 3,3'-Dichlorobenzidine	21.292	252	1721840	61.684	ng	99
83) Chrysene	21.433	228	4540308	52.145	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	3074950	61.400	ng	100
85) Di-n-octyl phthalate	22.462	149	4912405	66.103	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	4685372	51.183	ng	100
88) Benzo(b)fluoranthene	23.439	252	4510196	54.563	ng	99
89) Benzo(k)fluoranthene	23.503	252	4604565	54.567	ng	99
90) Benzo(a)pyrene	24.238	252	4255236	54.752	ng	100
91) Dibenzo(a,h)anthracene	27.821	278	3820009	51.410	ng	100
92) Benzo(g,h,i)perylene	28.803	276	3684864	49.548	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050199.D
 Acq On : 05 Jun 2025 12:36
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

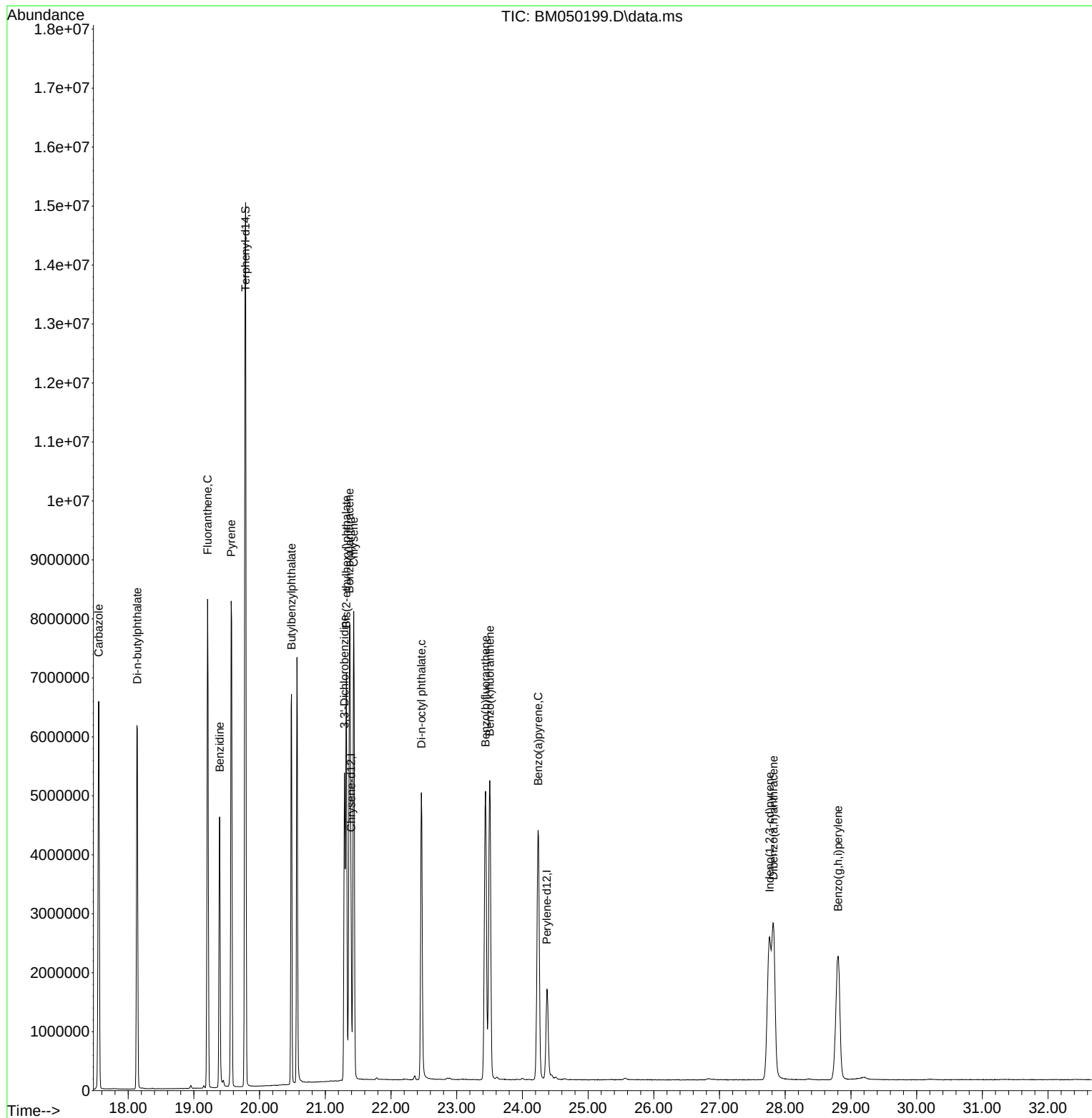
Quant Time: Jun 05 14:59:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

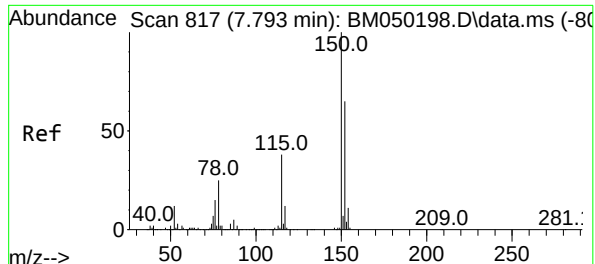


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jun 05 14:59:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

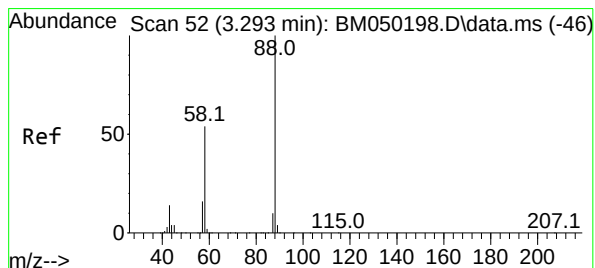
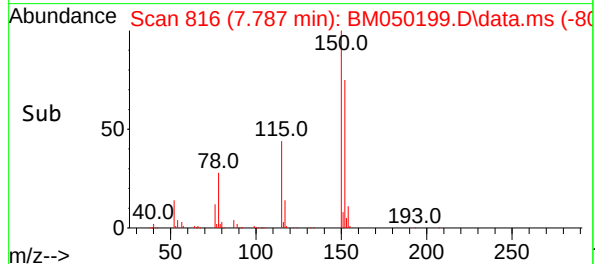
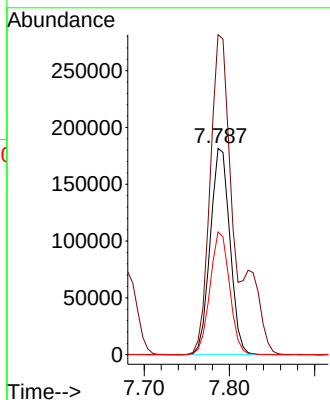
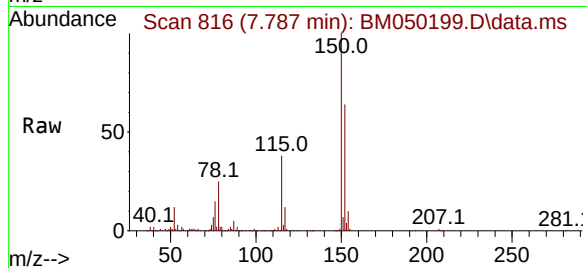




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

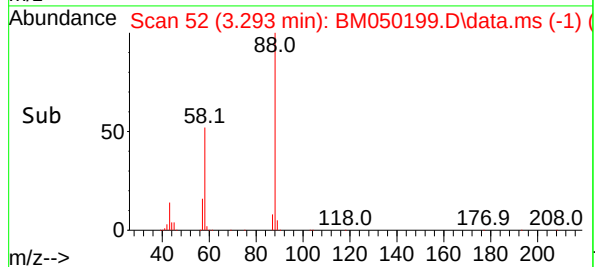
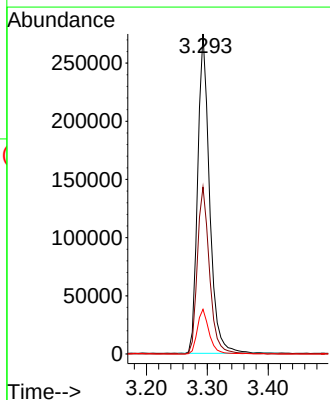
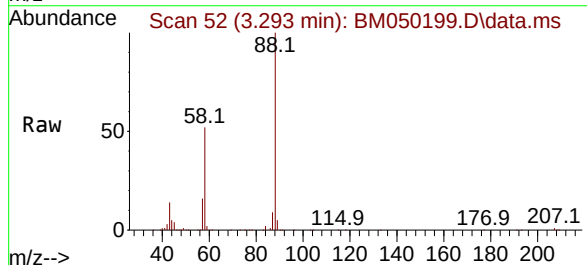
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

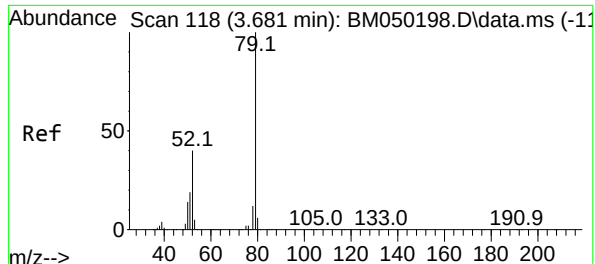
Tgt Ion:152 Resp: 291057
Ion Ratio Lower Upper
152 100
150 155.1 122.2 183.4
115 59.5 46.3 69.5



#2
1,4-Dioxane
Concen: 48.638 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 88 Resp: 371991
Ion Ratio Lower Upper
88 100
58 53.5 42.9 64.3
43 14.0 11.0 16.6





#3

Pyridine

Concen: 52.340 ng

RT: 3.681 min Scan# 118

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

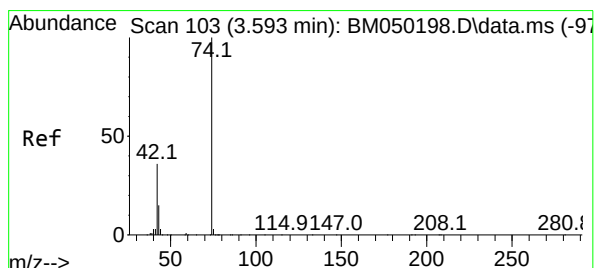
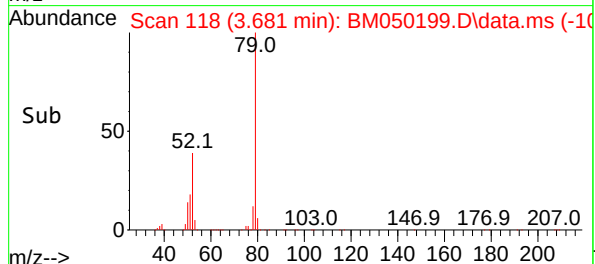
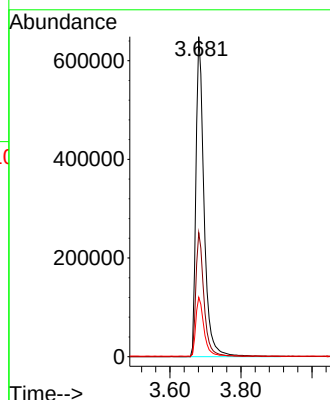
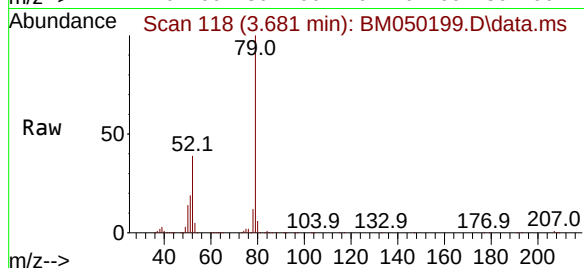
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 1036652

Ion	Ratio	Lower	Upper
79	100		
52	38.8	32.1	48.1
51	18.6	15.4	23.0



#4

n-Nitrosodimethylamine

Concen: 52.696 ng

RT: 3.593 min Scan# 103

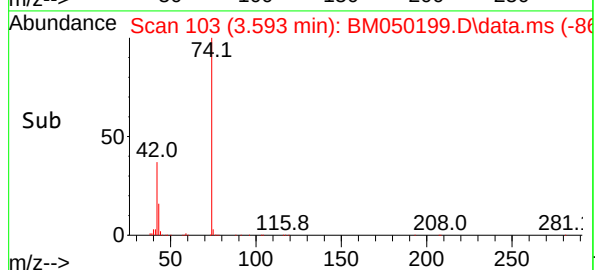
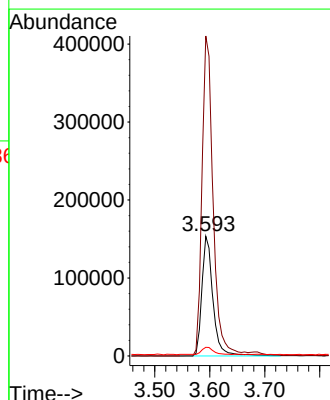
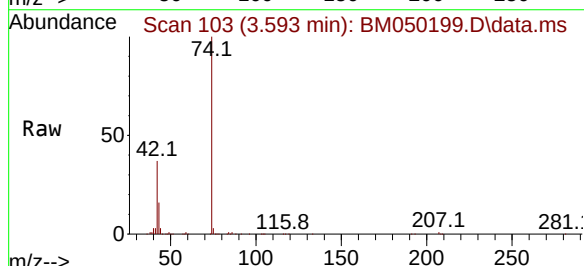
Delta R.T. -0.000 min

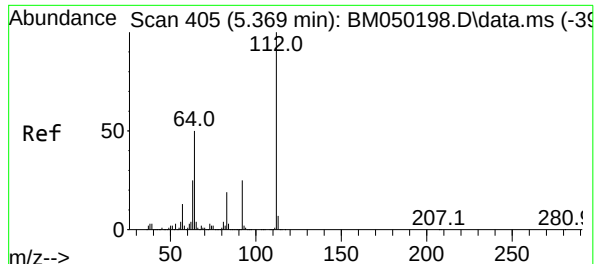
Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion: 42 Resp: 215821

Ion	Ratio	Lower	Upper
42	100		
74	267.3	222.0	333.0
44	7.3	7.0	10.6





#5

2-Fluorophenol

Concen: 103.281 ng

RT: 5.369 min Scan# 405

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

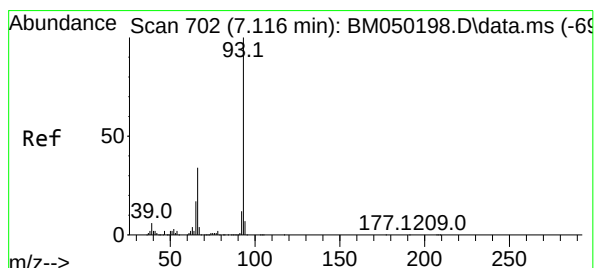
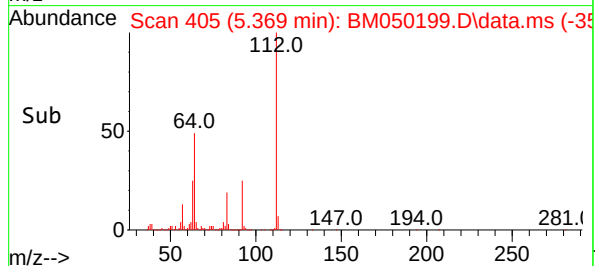
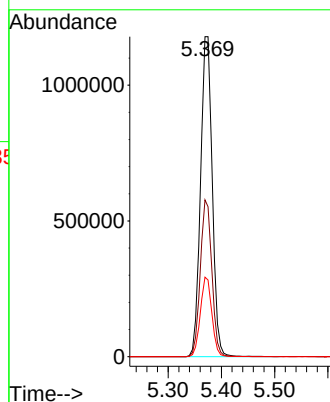
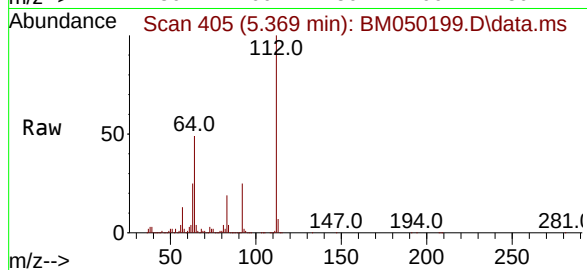
Tgt Ion:112 Resp: 1802037

Ion Ratio Lower Upper

112 100

64 49.0 39.8 59.6

63 24.9 19.8 29.8



#6

Aniline

Concen: 53.917 ng

RT: 7.116 min Scan# 702

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

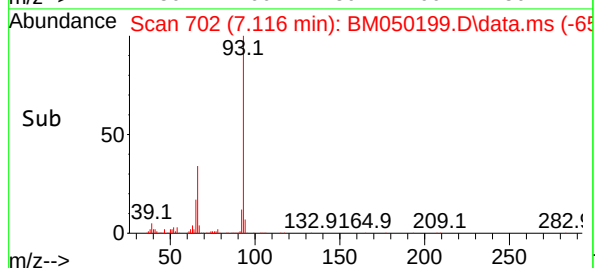
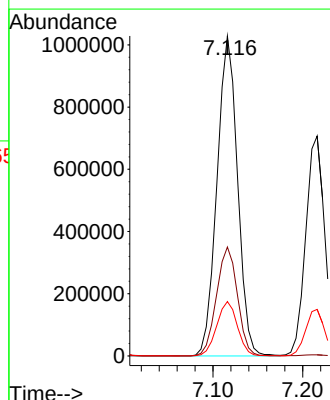
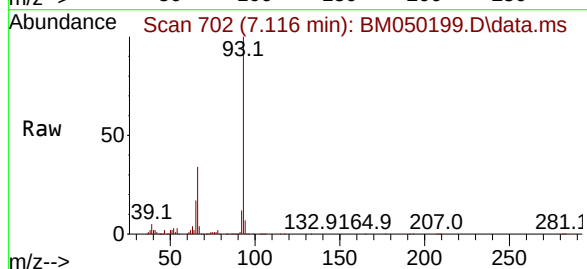
Tgt Ion: 93 Resp: 1637124

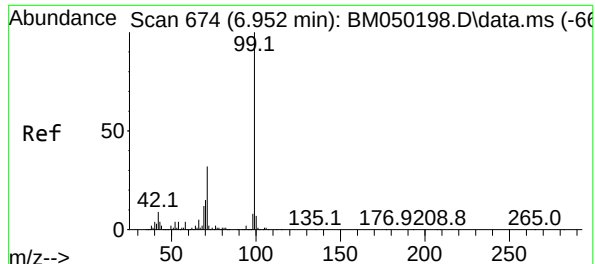
Ion Ratio Lower Upper

93 100

66 34.1 27.4 41.2

65 17.0 13.6 20.4





#7

Phenol-d6

Concen: 107.666 ng

RT: 6.951 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

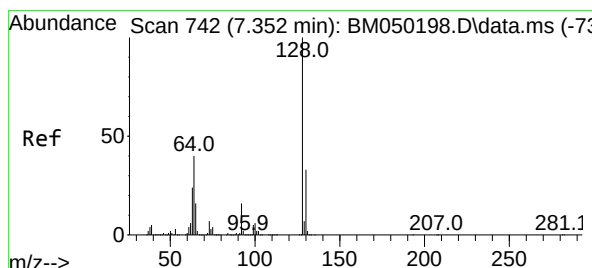
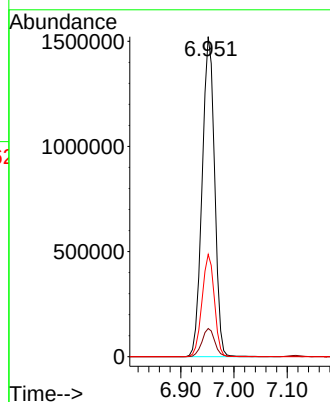
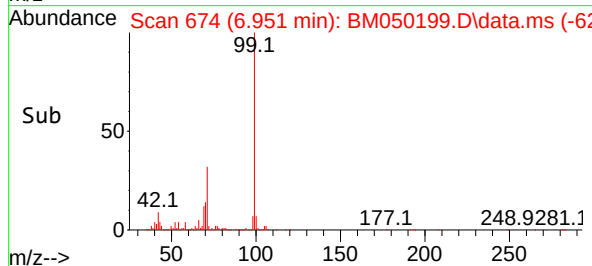
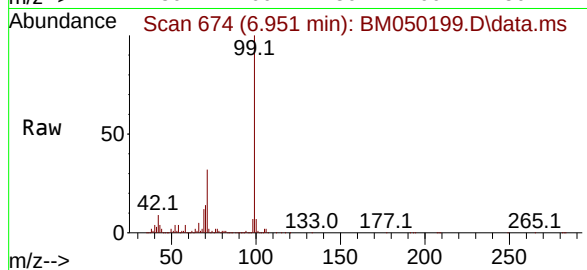
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 2472934

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	32.0	25.3	37.9



#8

2-Chlorophenol

Concen: 53.773 ng

RT: 7.351 min Scan# 742

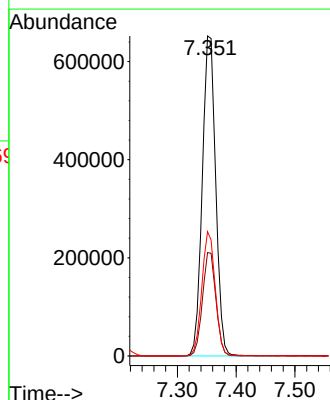
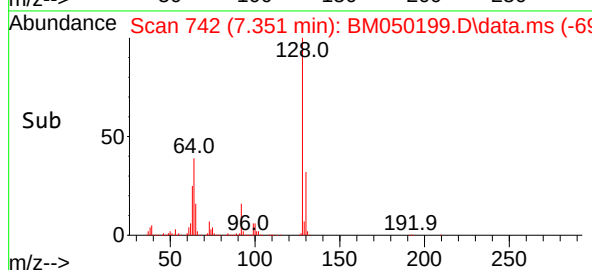
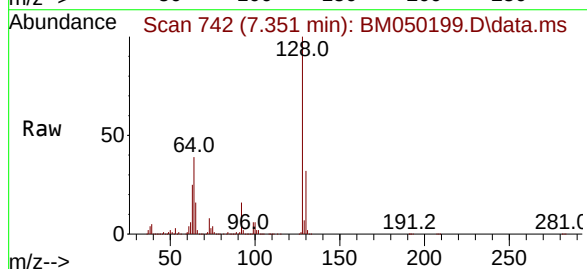
Delta R.T. -0.000 min

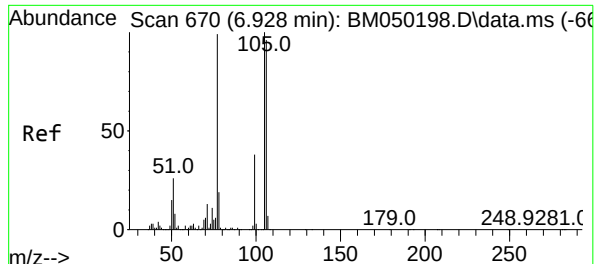
Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion: 128 Resp: 1032007

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	38.8	19.8	59.8

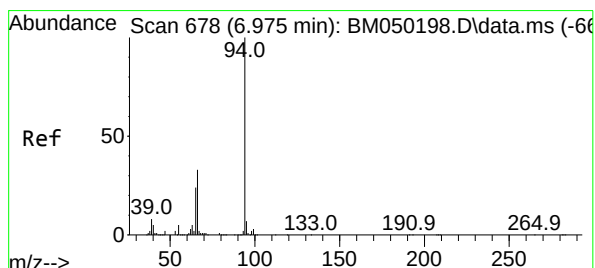
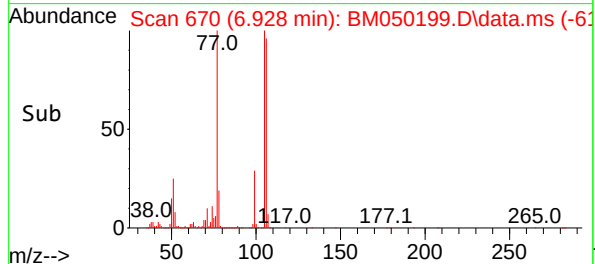
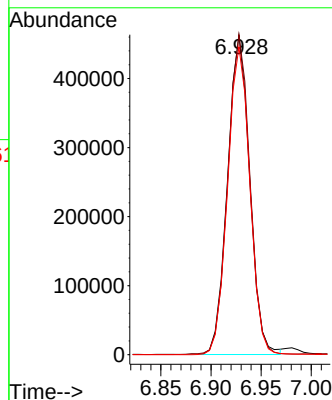
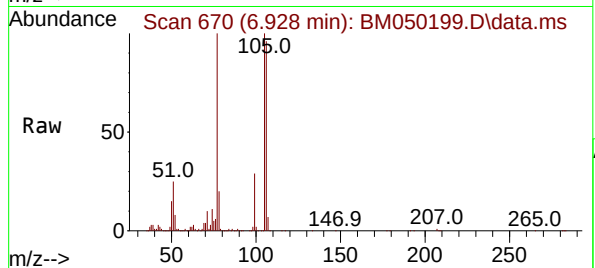




#9
Benzaldehyde
Concen: 48.594 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

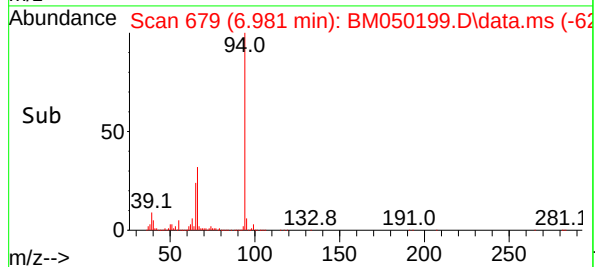
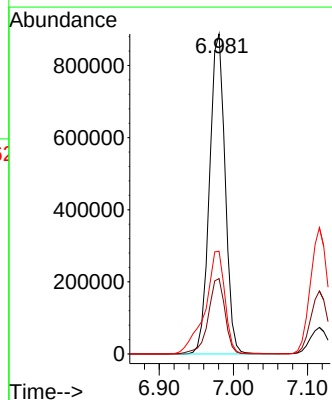
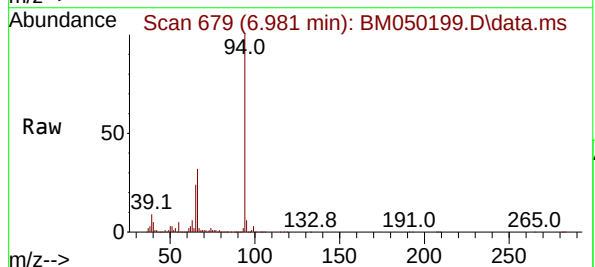
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

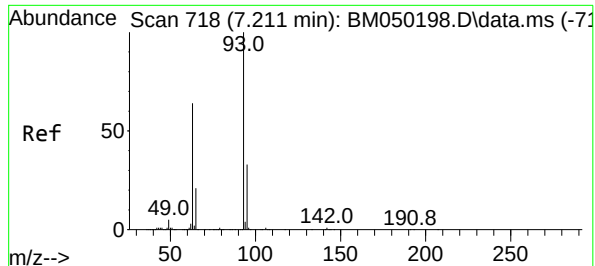
Tgt Ion: 77 Resp: 709626
Ion Ratio Lower Upper
77 100
105 100.3 80.9 120.9
106 96.5 77.1 117.1



#10
Phenol
Concen: 53.347 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 94 Resp: 1296462
Ion Ratio Lower Upper
94 100
65 23.6 4.3 44.3
66 32.1 12.9 52.9



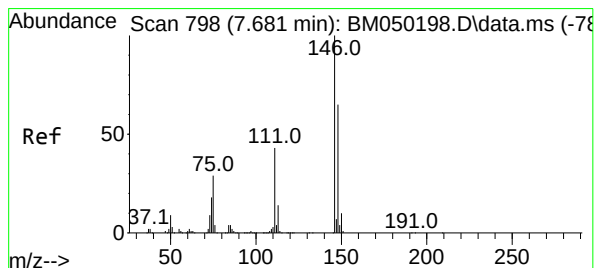
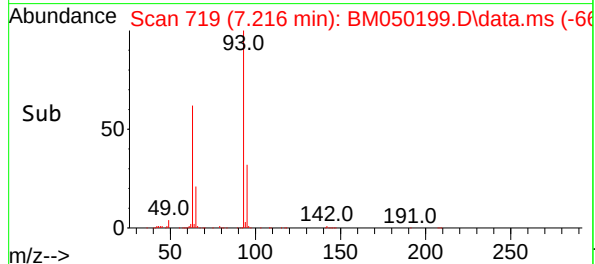
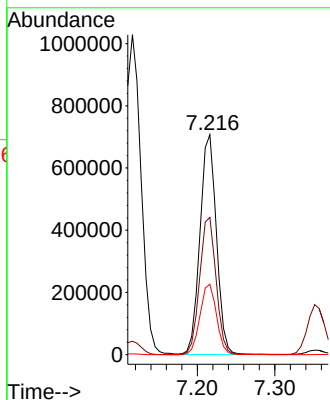
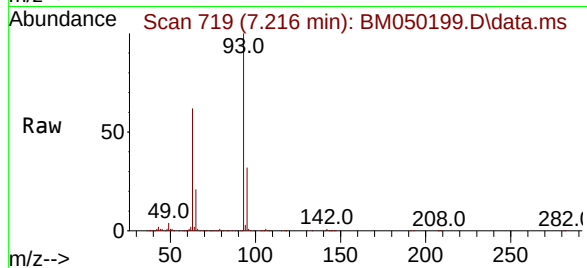


#11
bis(2-Chloroethyl)ether
Concen: 53.164 ng
RT: 7.216 min Scan# 718
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1039221

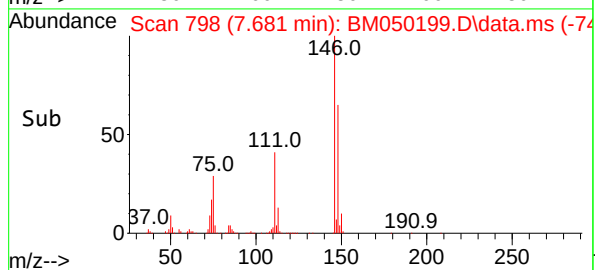
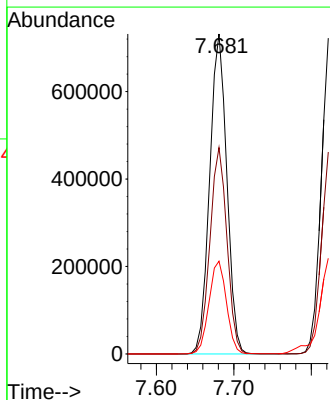
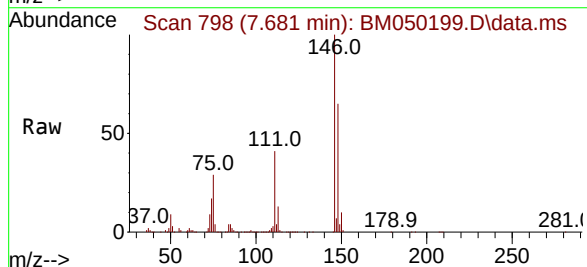
Ion	Ratio	Lower	Upper
93	100		
63	62.4	43.9	83.9
95	32.0	12.7	52.7

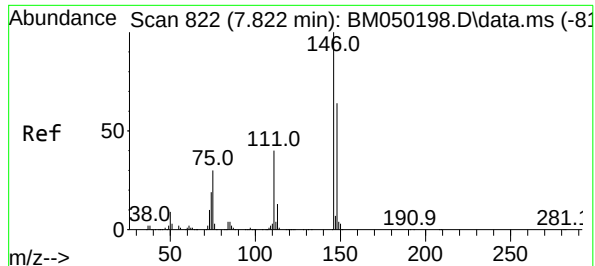


#12
1,3-Dichlorobenzene
Concen: 52.412 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 146 Resp: 1124523

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
75	29.0	23.4	35.0





#13

1,4-Dichlorobenzene

Concen: 51.870 ng

RT: 7.822 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

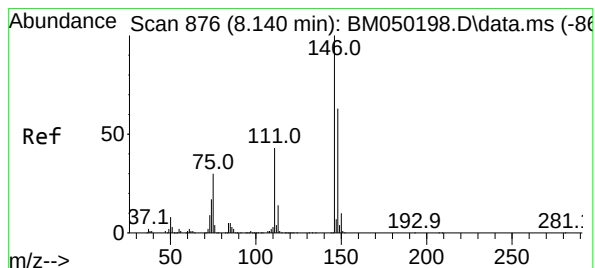
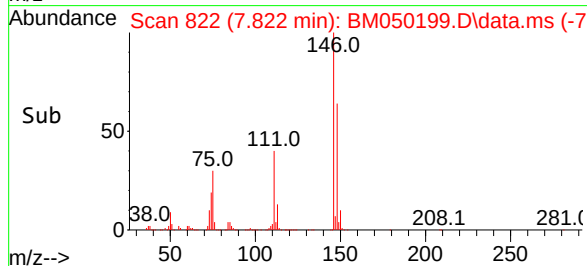
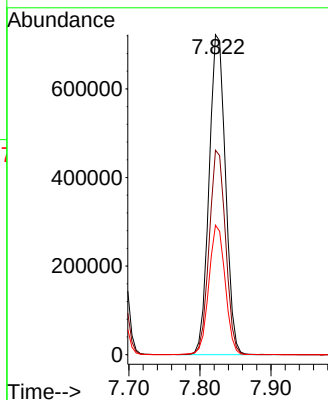
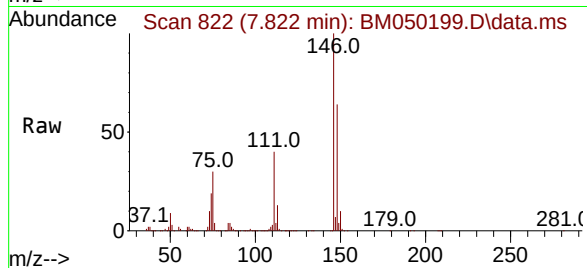
Tgt Ion:146 Resp: 1157927

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.0

111 40.5 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 52.663 ng

RT: 8.140 min Scan# 876

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

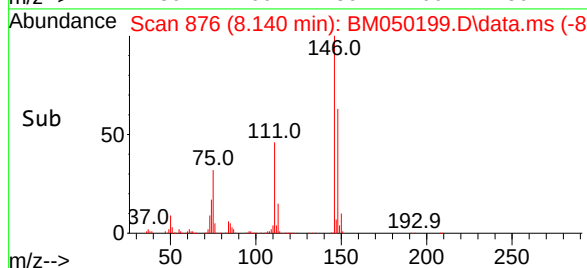
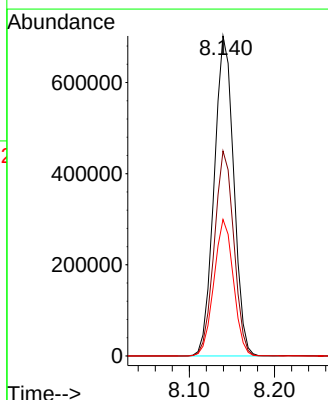
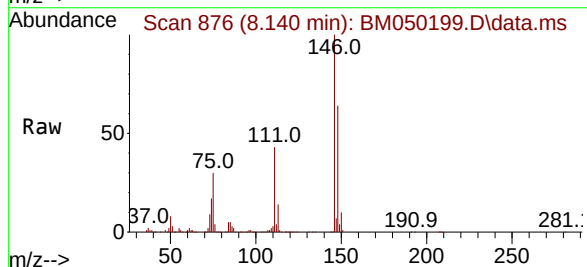
Tgt Ion:146 Resp: 1120717

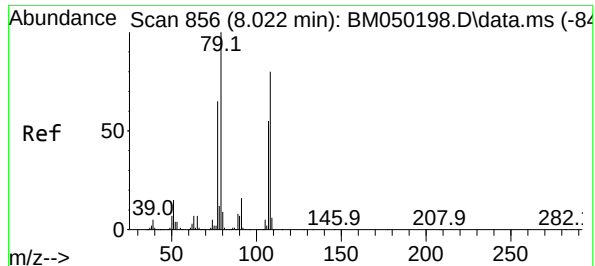
Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 42.7 34.3 51.5





#15

Benzyl Alcohol

Concen: 56.274 ng

RT: 8.022 min Scan# 856

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

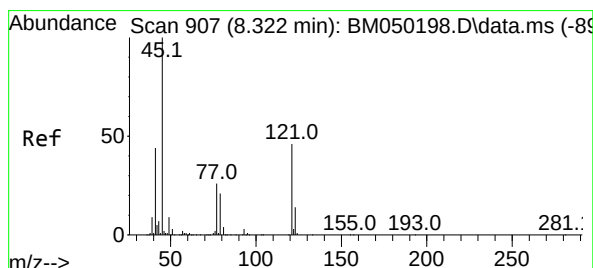
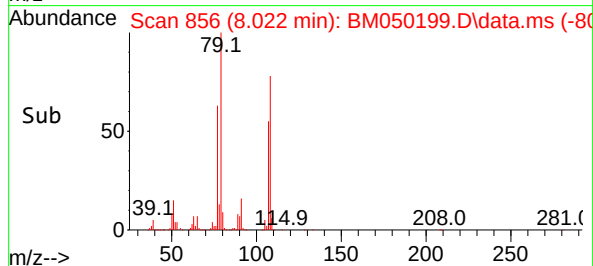
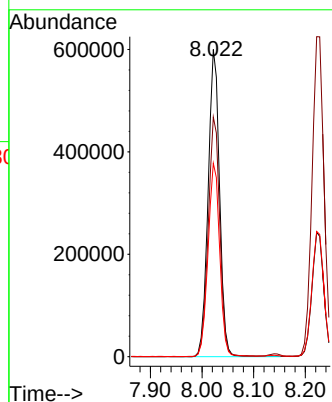
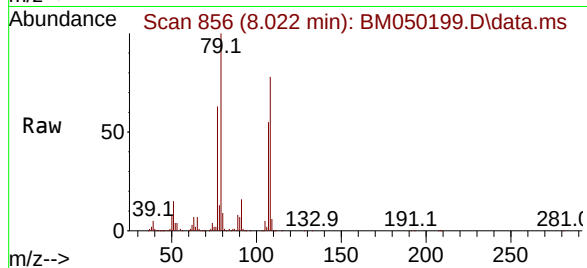
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 921887

Ion	Ratio	Lower	Upper
79	100		
108	78.0	64.0	96.0
77	63.0	52.2	78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.417 ng

RT: 8.322 min Scan# 907

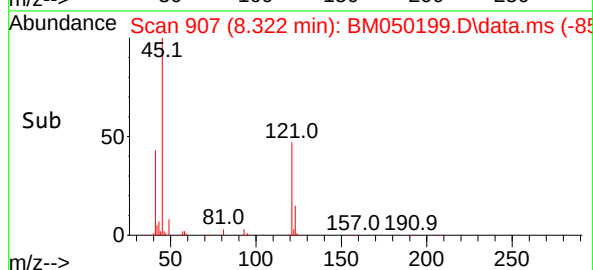
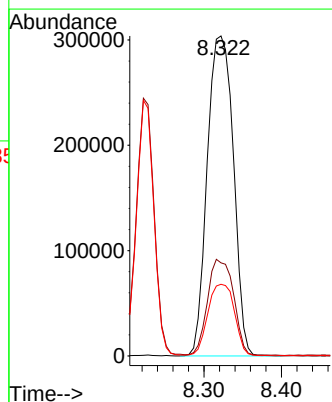
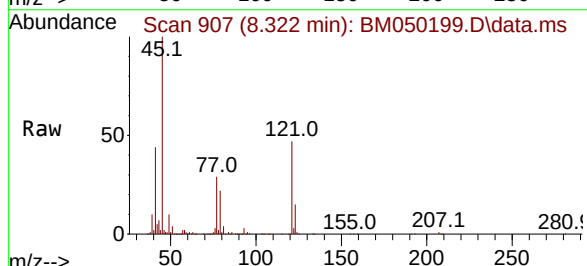
Delta R.T. -0.000 min

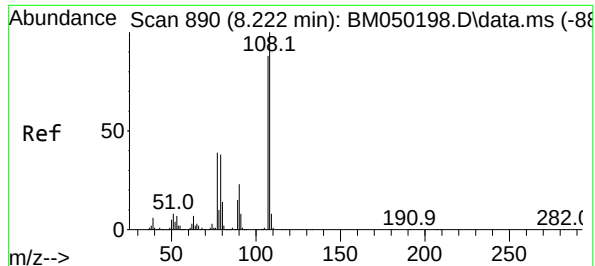
Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion: 45 Resp: 711769

Ion	Ratio	Lower	Upper
45	100		
77	29.1	8.7	48.7
79	22.4	2.7	42.7





#17

2-Methylphenol

Concen: 54.767 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050199.D

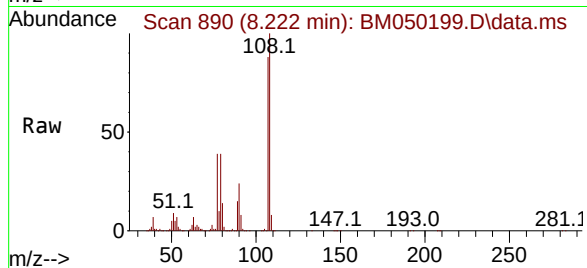
Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

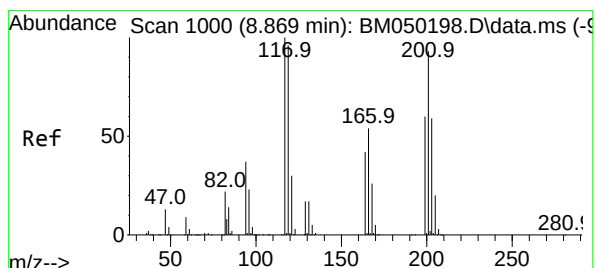
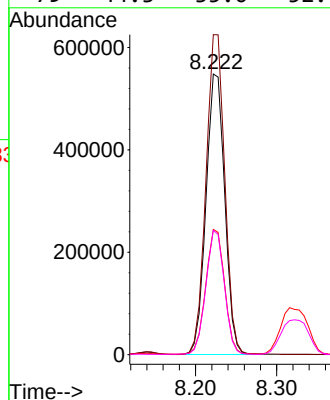
ClientSampleId :

SSTDICC050



Tgt Ion:107 Resp: 878183

Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.8	136.2
77	44.6	35.7	53.5
79	44.3	35.0	52.4



#18

Hexachloroethane

Concen: 53.371 ng

RT: 8.869 min Scan# 1000

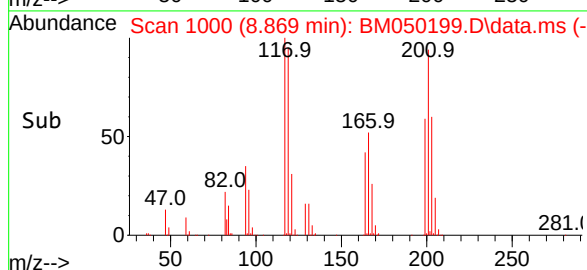
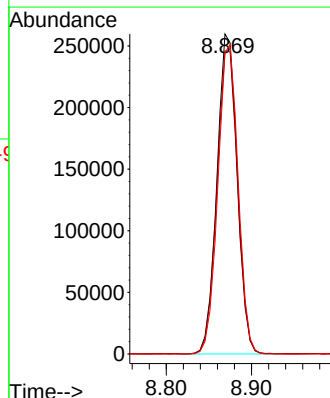
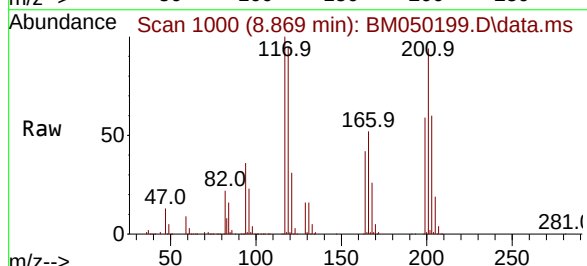
Delta R.T. -0.000 min

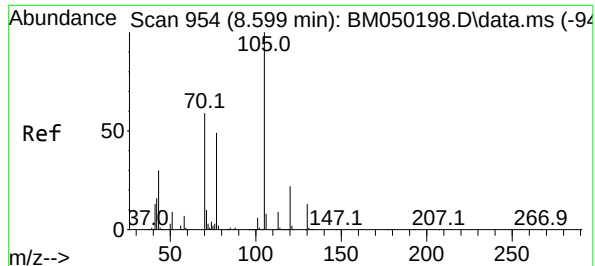
Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion:117 Resp: 431469

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.0	115.6
201	94.2	74.6	111.8





#19

n-Nitroso-di-n-propylamine

Concen: 56.751 ng

RT: 8.598 min Scan# 954

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 797673

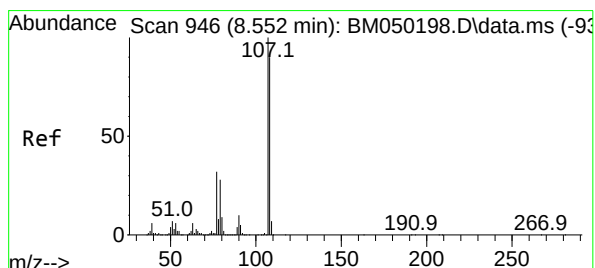
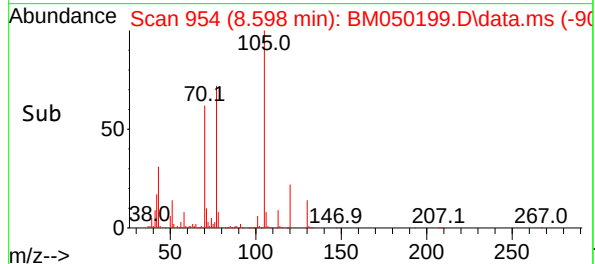
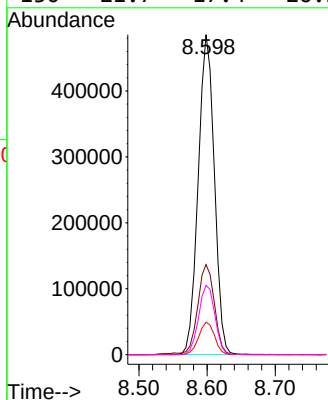
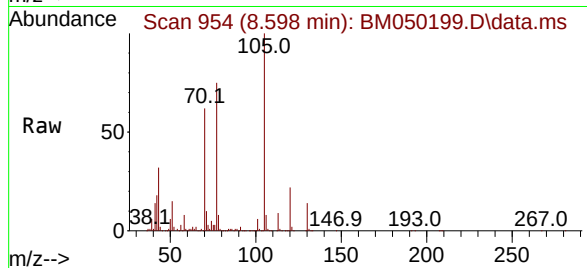
Ion Ratio Lower Upper

70 100

42 28.2 22.6 33.8

101 10.2 8.3 12.5

130 21.7 17.4 26.2



#20

3+4-Methylphenols

Concen: 56.326 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion: 107 Resp: 1208370

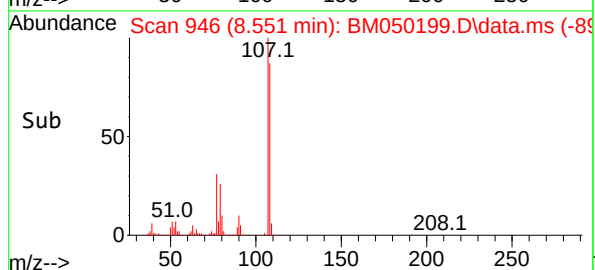
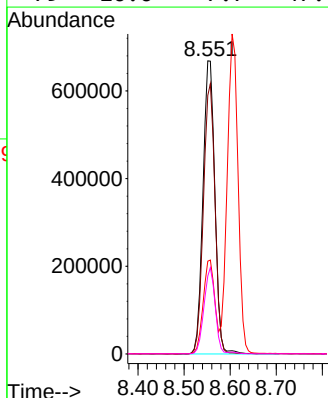
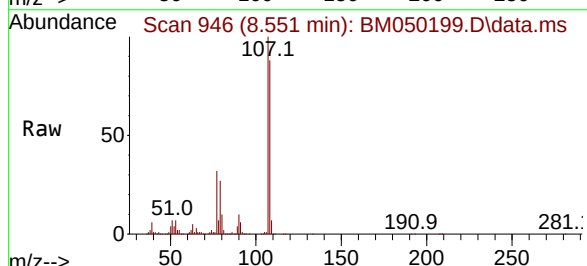
Ion Ratio Lower Upper

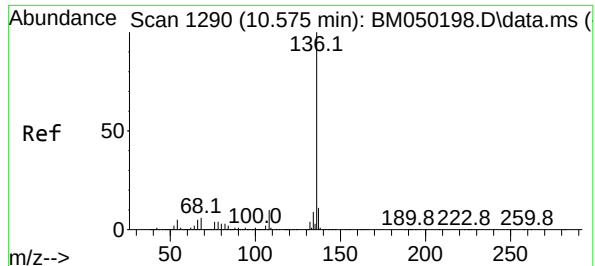
107 100

108 88.2 70.4 110.4

77 31.7 12.2 52.2

79 26.6 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.581 min Scan# 1291

Delta R.T. 0.005 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tgt Ion:136 Resp: 1245308

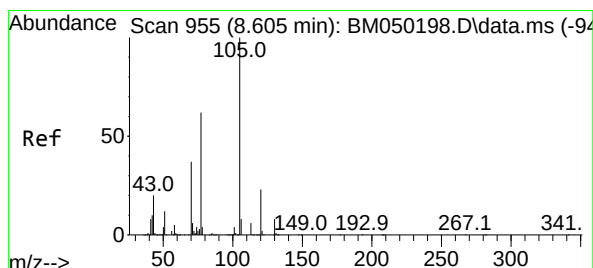
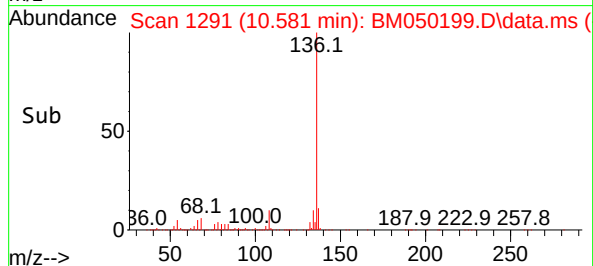
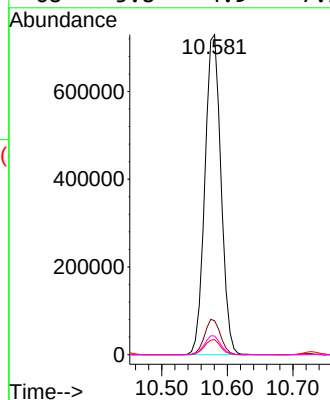
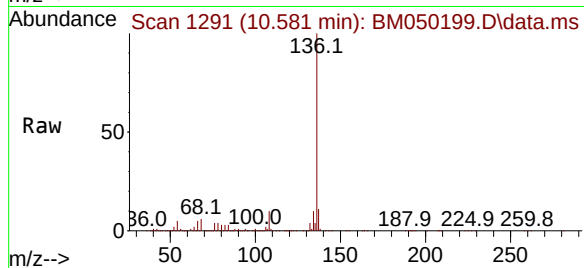
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 4.7 3.8 5.8

68 5.8 4.9 7.3



#22

Acetophenone

Concen: 51.949 ng

RT: 8.604 min Scan# 955

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion:105 Resp: 1616196

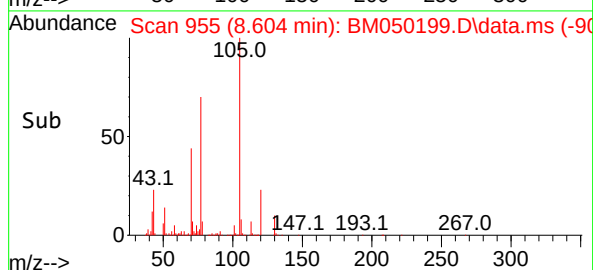
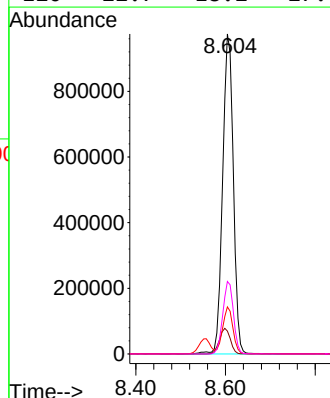
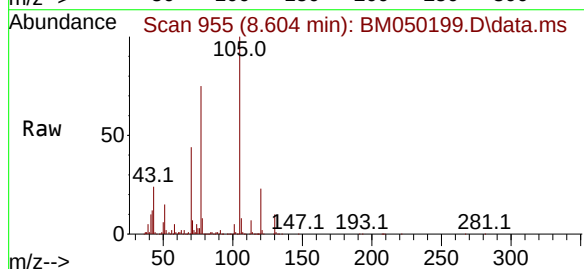
Ion Ratio Lower Upper

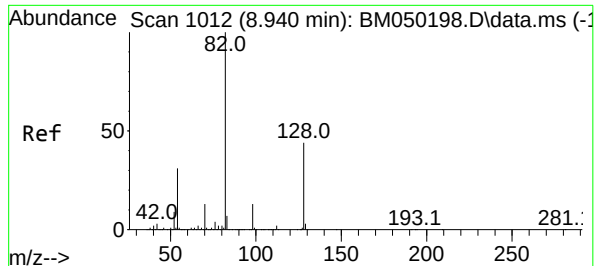
105 100

71 7.1 5.0 7.4

51 14.7 11.4 17.2

120 22.7 18.2 27.4

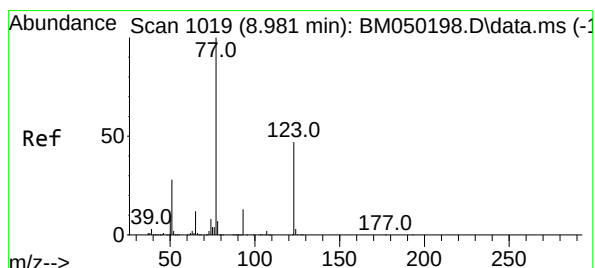
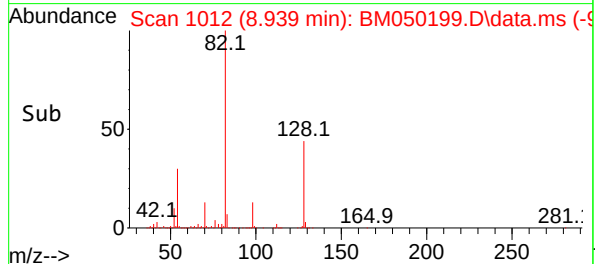
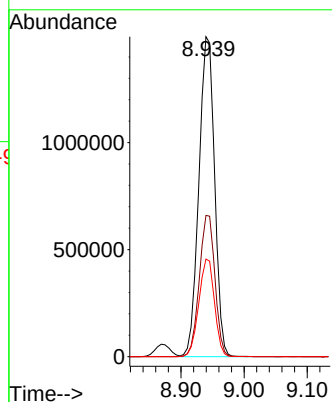
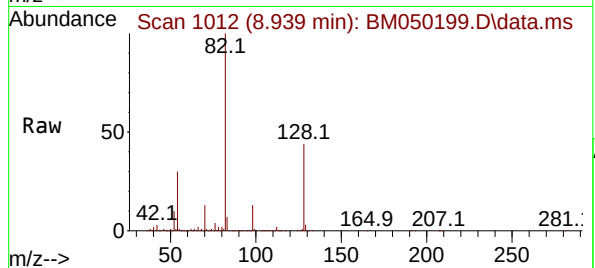




#23
Nitrobenzene-d5
Concen: 107.728 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

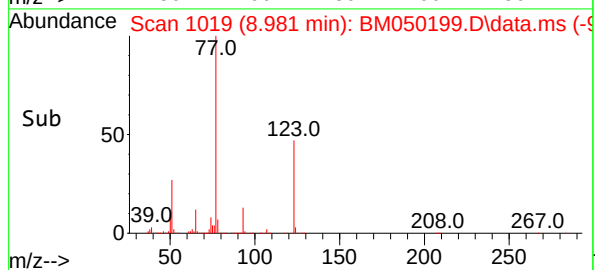
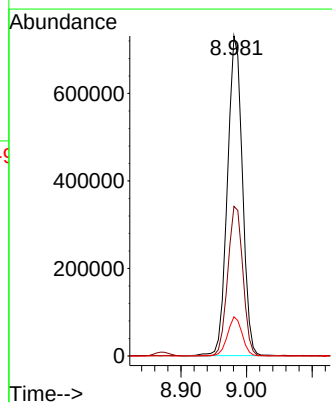
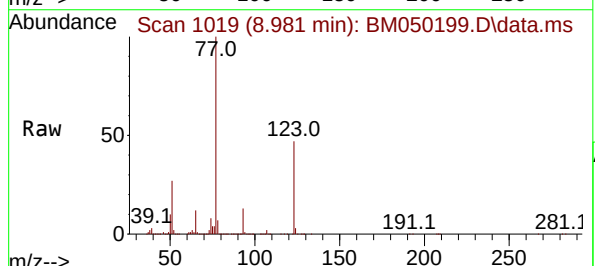
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

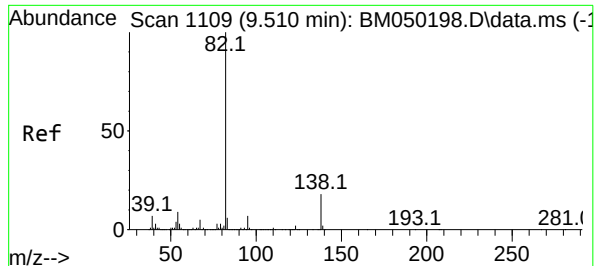
Tgt Ion: 82 Resp: 2579483
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 30.5 24.5 36.7



#24
Nitrobenzene
Concen: 52.895 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 77 Resp: 1151898
Ion Ratio Lower Upper
77 100
123 46.7 38.2 57.2
65 12.2 9.5 14.3





#25

Isophorone

Concen: 55.187 ng

RT: 9.510 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

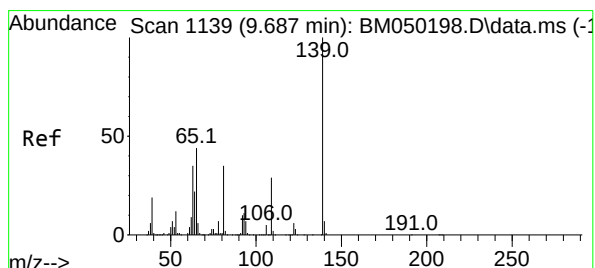
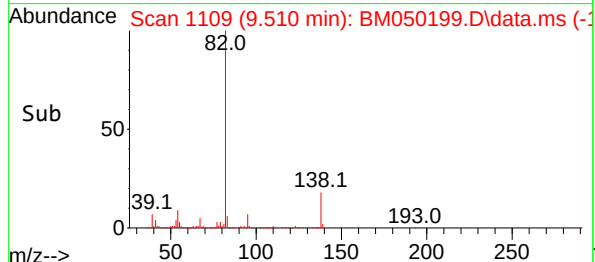
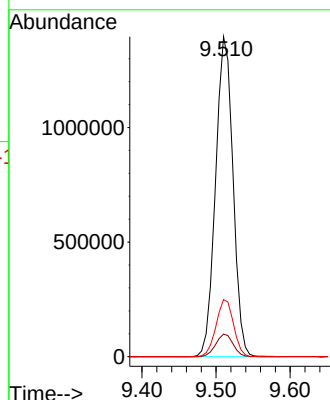
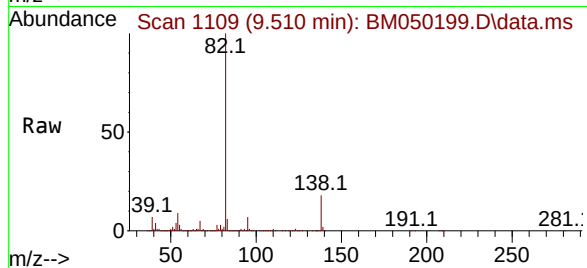
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 2280770

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	17.8	14.2	21.2



#26

2-Nitrophenol

Concen: 58.828 ng

RT: 9.692 min Scan# 1140

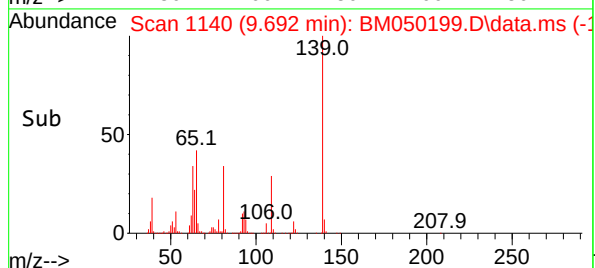
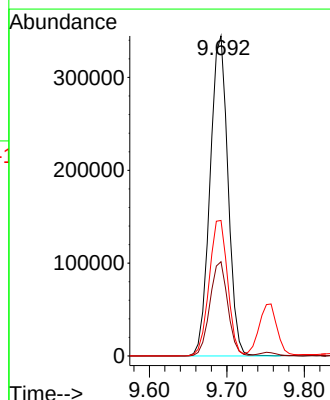
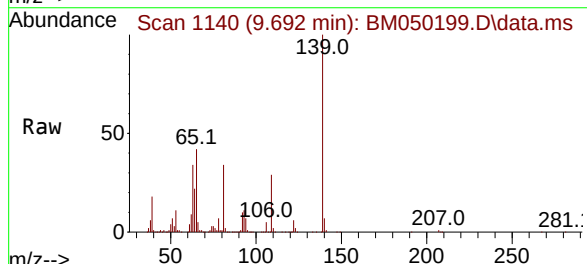
Delta R.T. 0.005 min

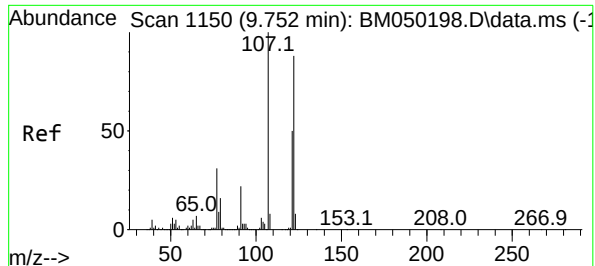
Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion:139 Resp: 552994

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.3	34.9
65	42.3	35.2	52.8





#27

2,4-Dimethylphenol

Concen: 53.511 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

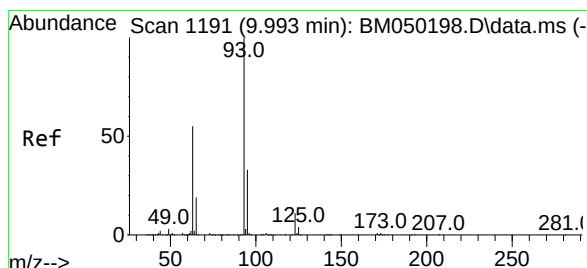
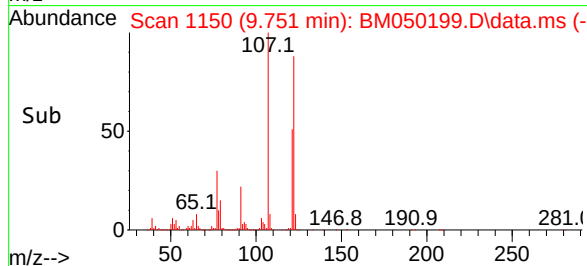
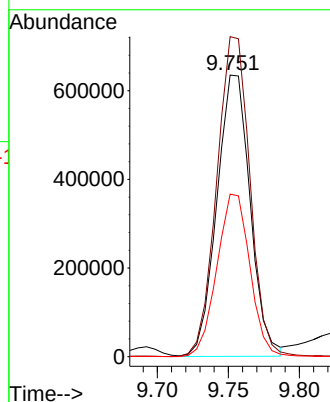
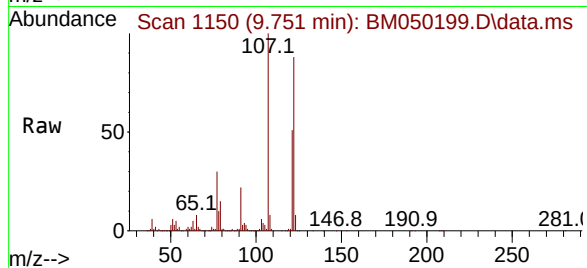
Tgt Ion:122 Resp: 1034501

Ion Ratio Lower Upper

122 100

107 113.6 91.0 136.6

121 57.7 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 54.208 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

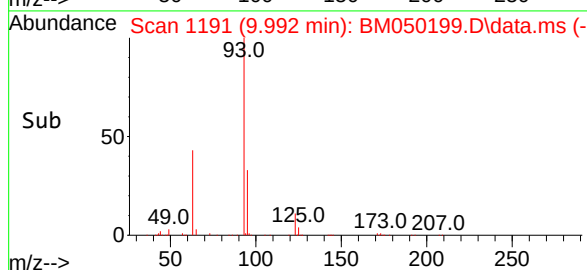
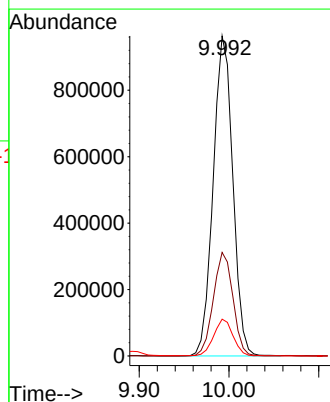
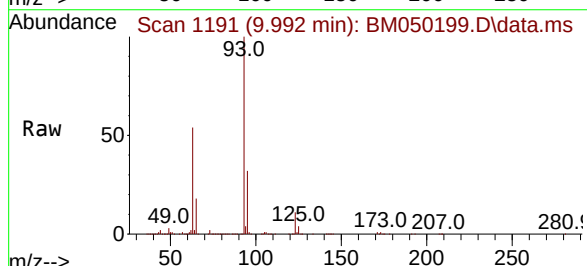
Tgt Ion: 93 Resp: 1463553

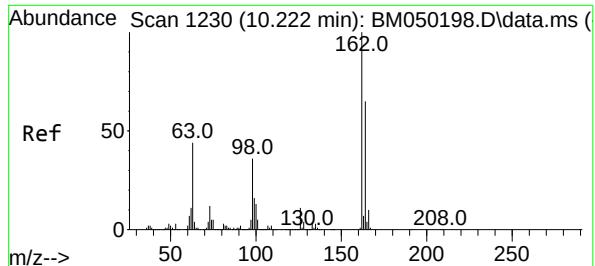
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 55.499 ng

RT: 10.222 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

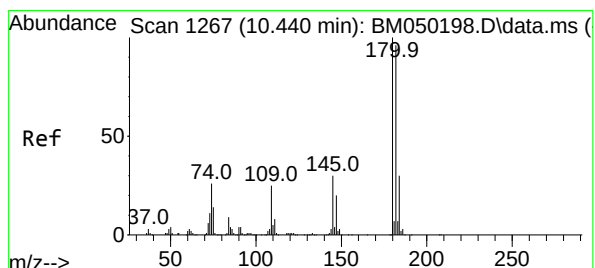
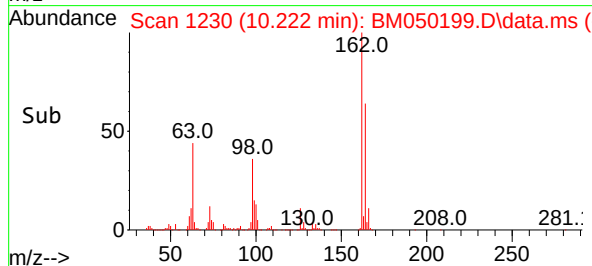
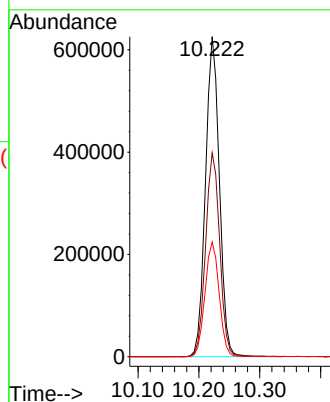
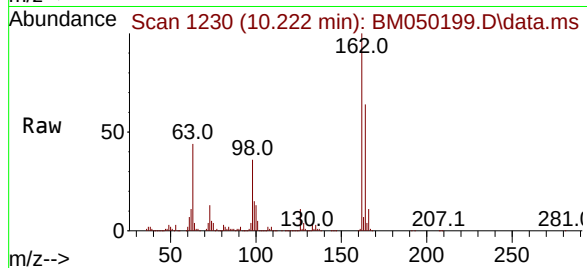
Tgt Ion:162 Resp: 991973

Ion Ratio Lower Upper

162 100

164 63.7 45.0 85.0

98 35.8 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 52.734 ng

RT: 10.439 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

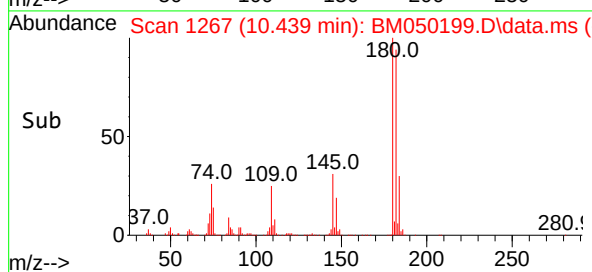
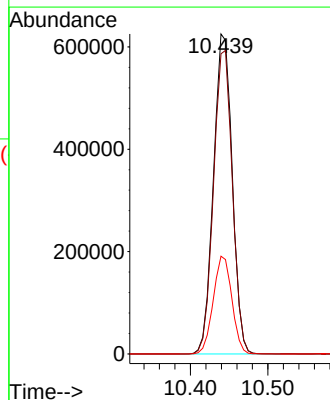
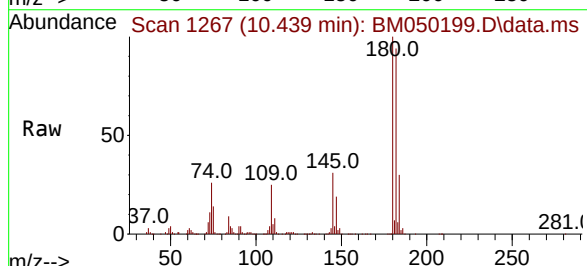
Tgt Ion:180 Resp: 1048864

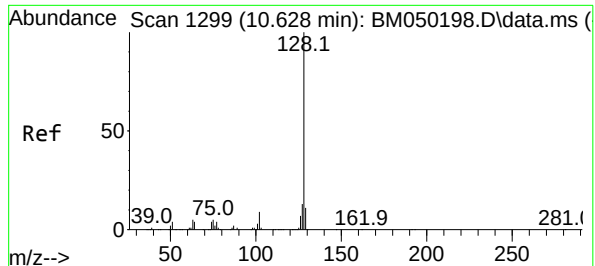
Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

145 30.5 24.2 36.4

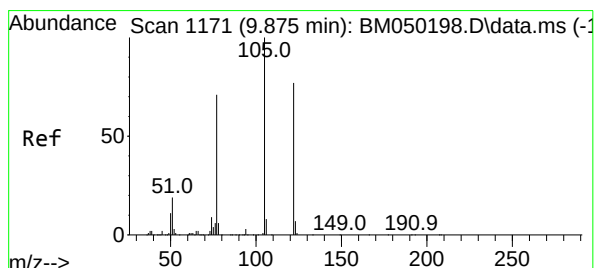
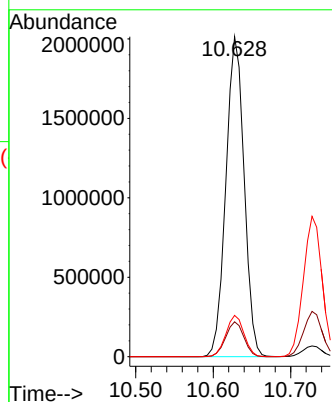
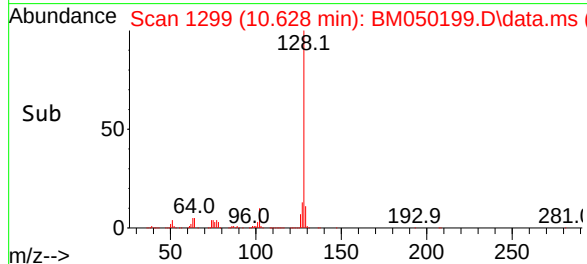
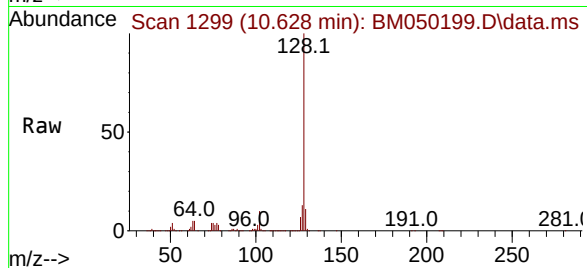




#31
Naphthalene
Concen: 51.309 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

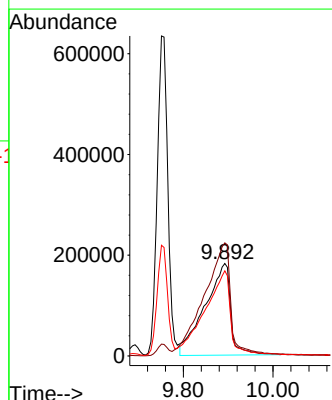
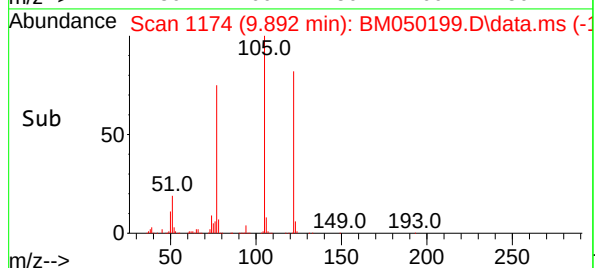
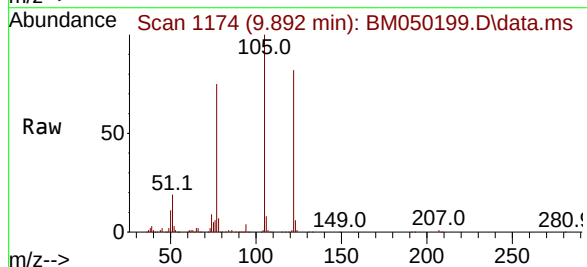
Instrument :
BNA_M
ClientSampleId :
SSTDIC050

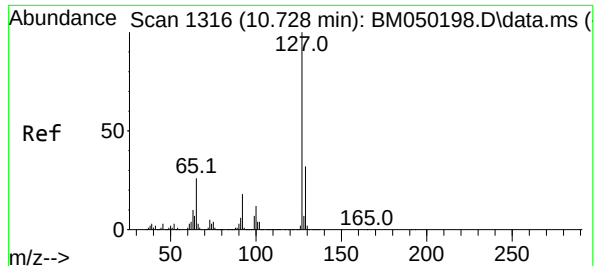
Tgt Ion:128 Resp: 3303529
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 59.774 ng
RT: 9.892 min Scan# 1174
Delta R.T. 0.017 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:122 Resp: 725550
Ion Ratio Lower Upper
122 100
105 122.3 103.4 143.4
77 92.1 70.3 110.3

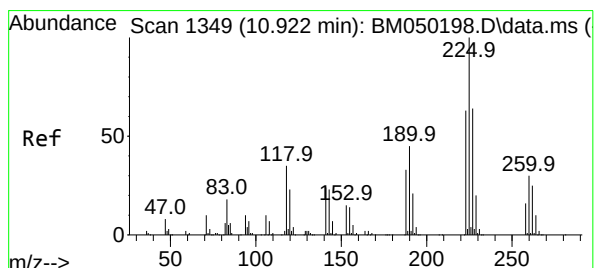
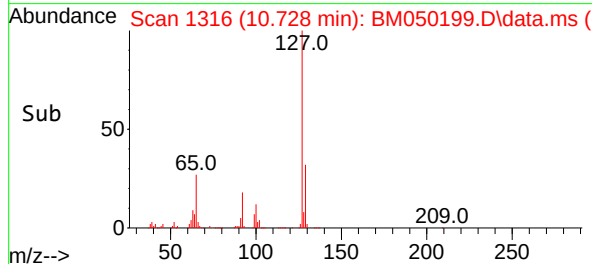
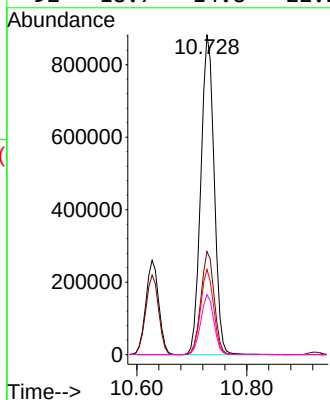
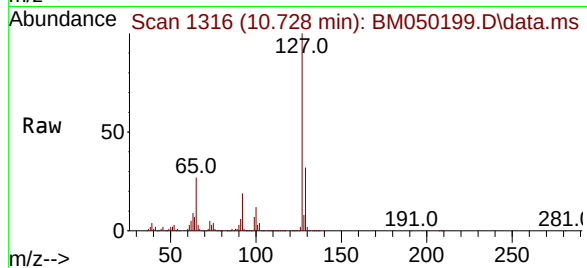




#33
4-Chloroaniline
Concen: 54.095 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

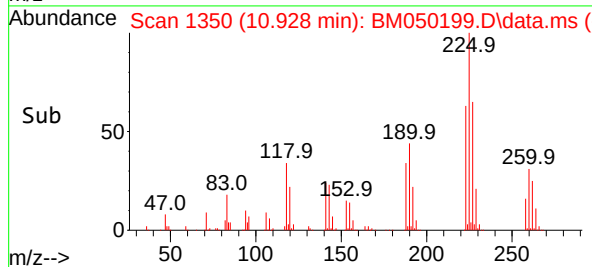
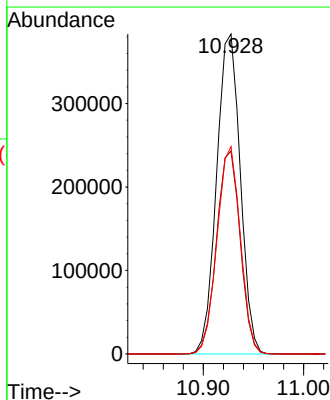
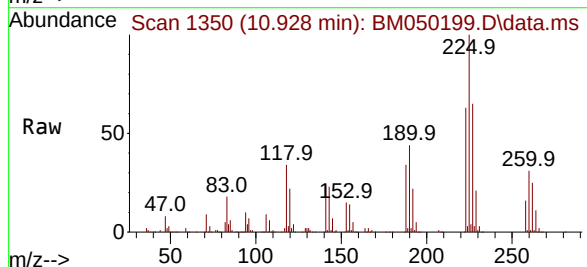
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

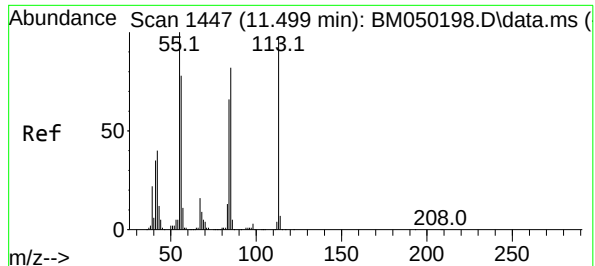
Tgt Ion:127 Resp: 1484906
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.0
65 26.6 21.0 31.4
92 18.7 14.8 22.2



#34
Hexachlorobutadiene
Concen: 53.185 ng
RT: 10.928 min Scan# 1350
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:225 Resp: 629209
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.2
227 64.8 51.0 76.4

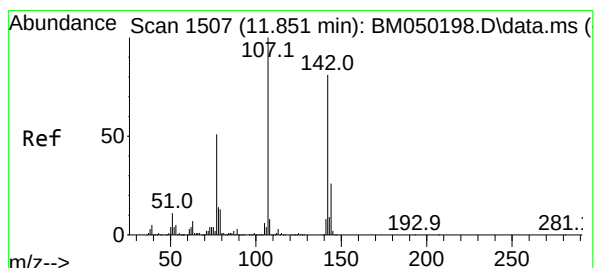
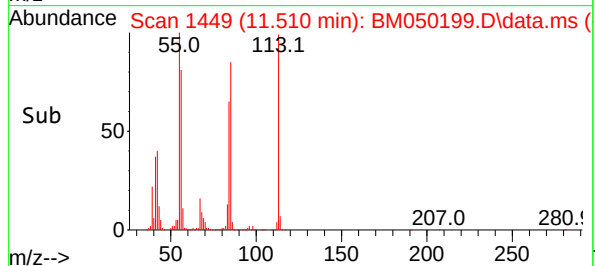
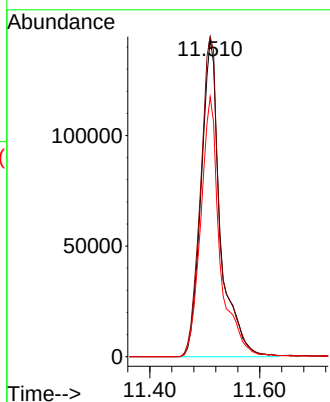
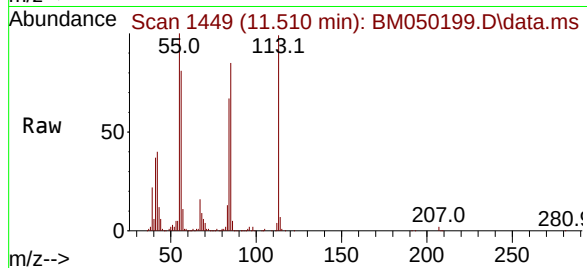




#35
Caprolactam
Concen: 61.561 ng
RT: 11.510 min Scan# 1449
Delta R.T. 0.011 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

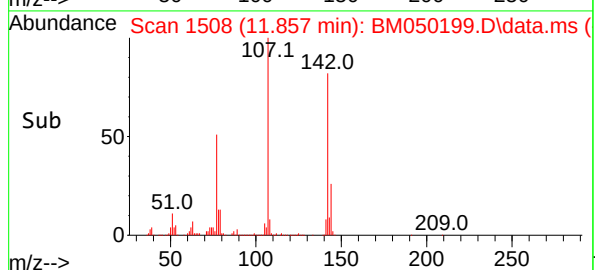
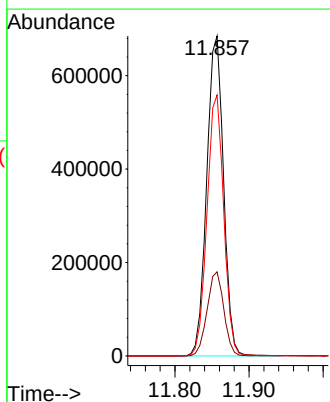
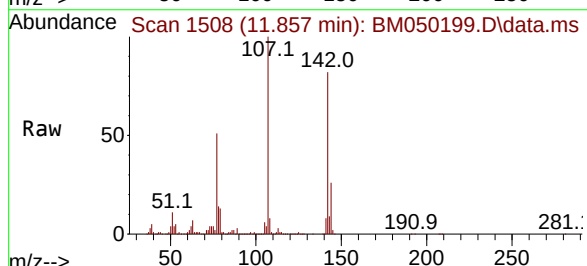
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

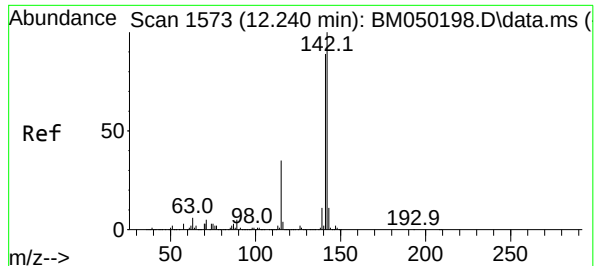
Tgt Ion:113 Resp: 348835
Ion Ratio Lower Upper
113 100
55 100.7 83.5 123.5
56 81.8 60.6 100.6



#36
4-Chloro-3-methylphenol
Concen: 56.680 ng
RT: 11.857 min Scan# 1508
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:107 Resp: 1081009
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 81.6 64.8 97.2

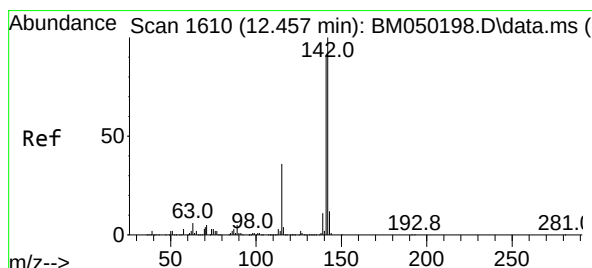
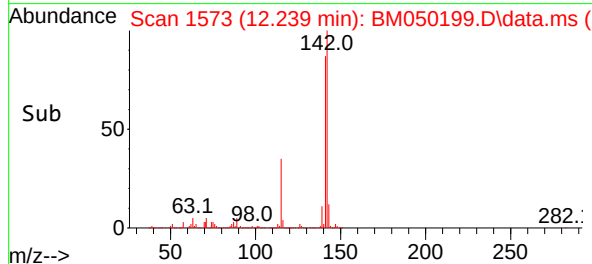
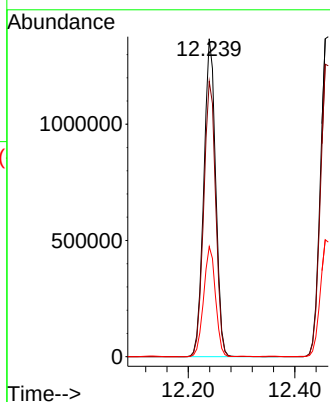
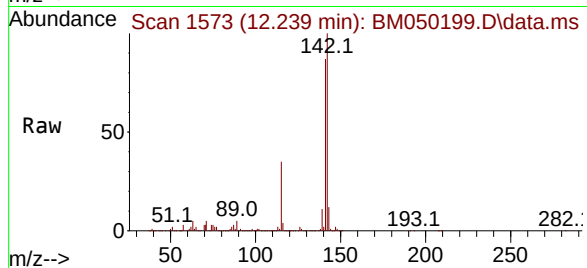




#37
2-Methylnaphthalene
Concen: 54.400 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

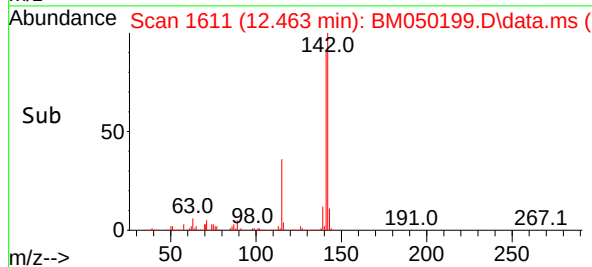
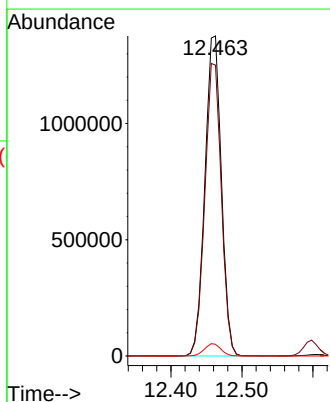
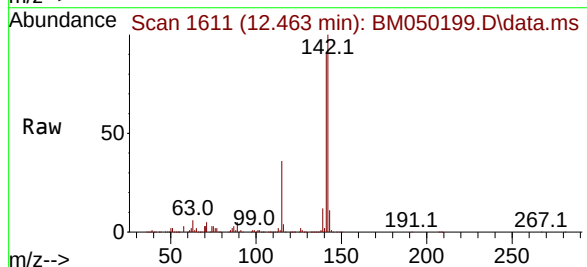
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

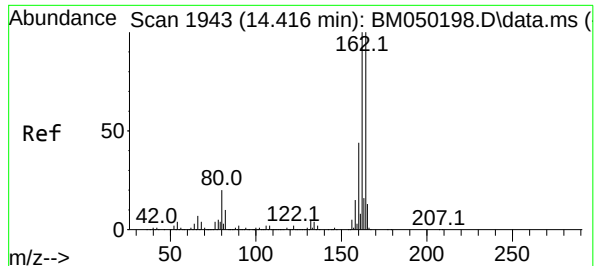
Tgt Ion:142 Resp: 2112994
Ion Ratio Lower Upper
142 100
141 86.6 71.5 107.3
115 34.7 27.8 41.8



#38
1-Methylnaphthalene
Concen: 53.945 ng
RT: 12.463 min Scan# 1611
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:142 Resp: 2223932
Ion Ratio Lower Upper
142 100
141 90.9 72.9 109.3
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

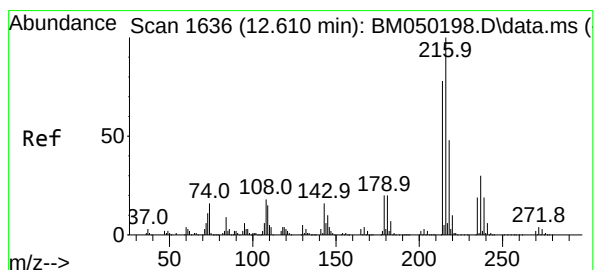
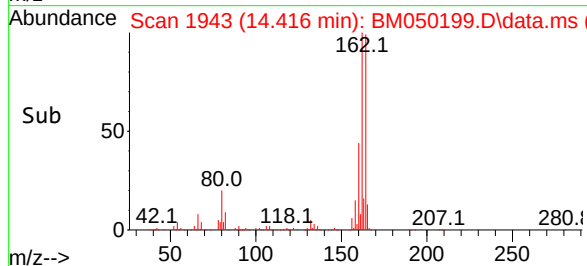
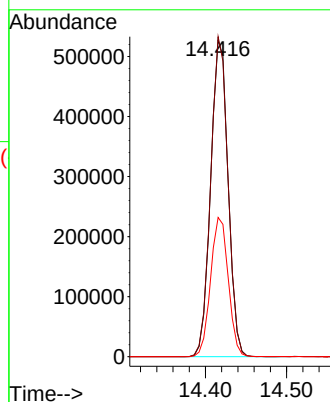
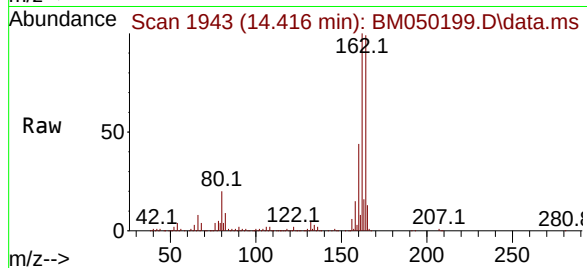
Tgt Ion:164 Resp: 784298

Ion	Ratio	Lower	Upper

164	100		

162	101.1	80.2	120.4

160	44.0	35.7	53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.030 ng

RT: 12.610 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion:216 Resp: 1155693

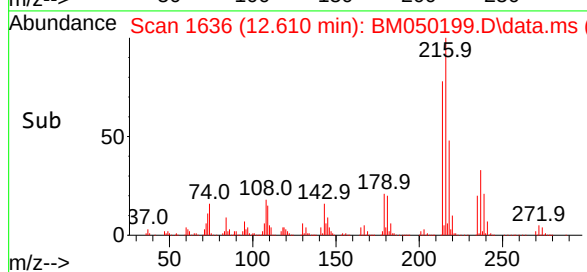
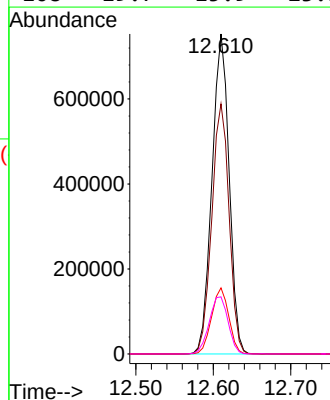
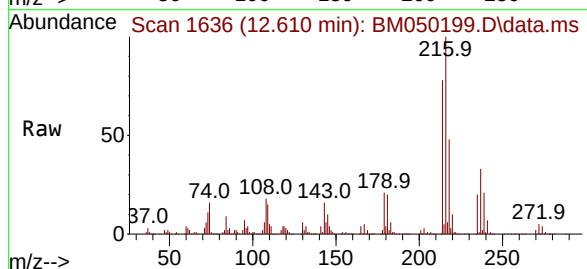
Ion	Ratio	Lower	Upper

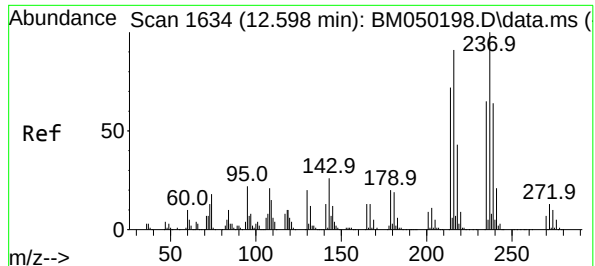
216	100		

214	78.9	63.0	94.4

179	20.8	16.6	25.0

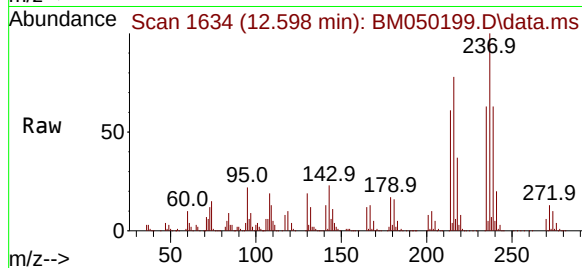
108	19.7	15.9	23.9



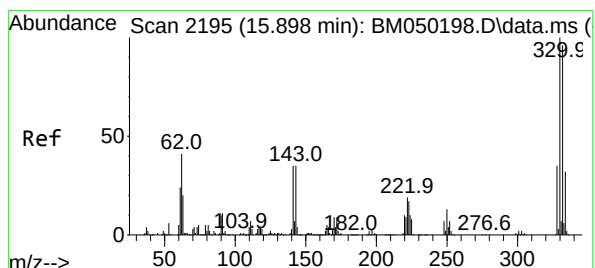
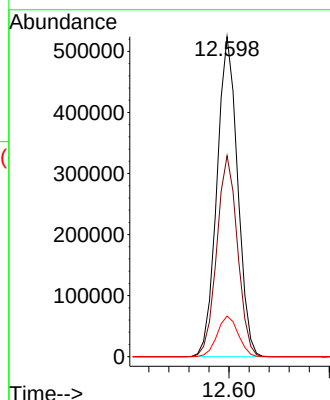
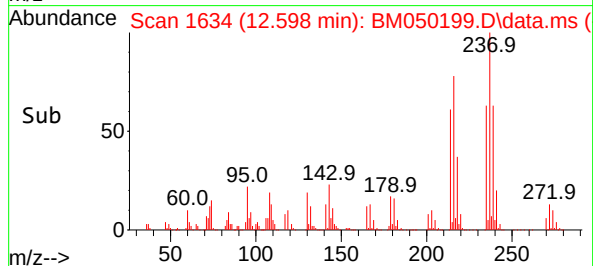


#41
Hexachlorocyclopentadiene
Concen: 54.466 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

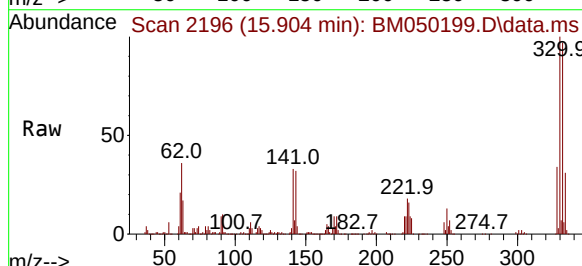
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



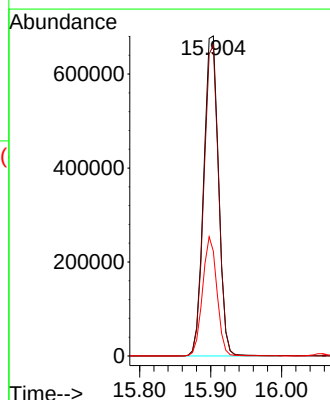
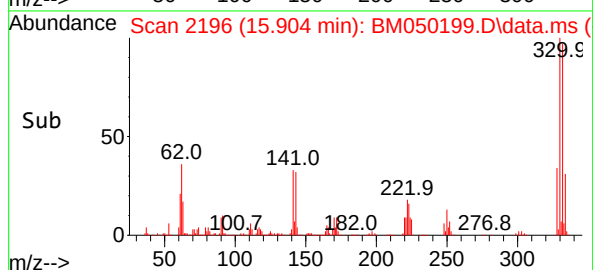
Tgt Ion:237 Resp: 749110
Ion Ratio Lower Upper
237 100
235 62.8 44.6 84.6
272 12.7 0.0 33.1

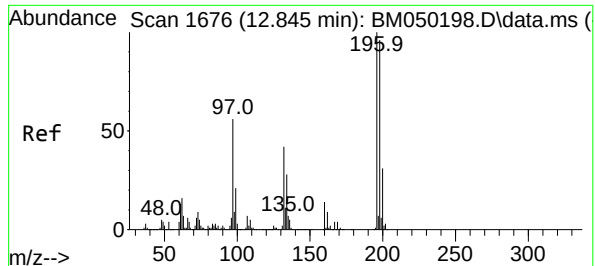


#42
2,4,6-Tribromophenol
Concen: 111.437 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36



Tgt Ion:330 Resp: 994114
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 36.0 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 54.440 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

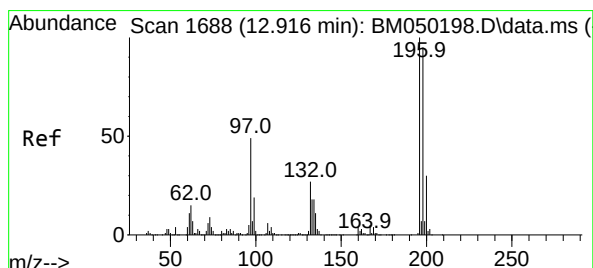
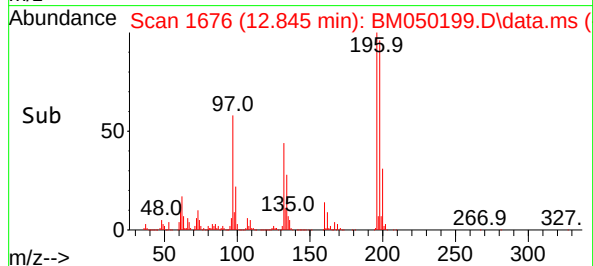
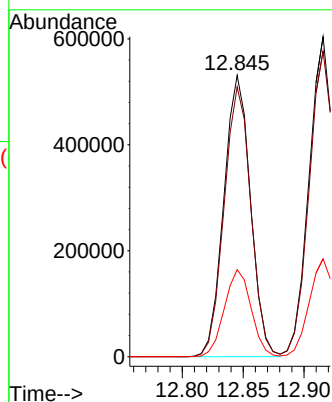
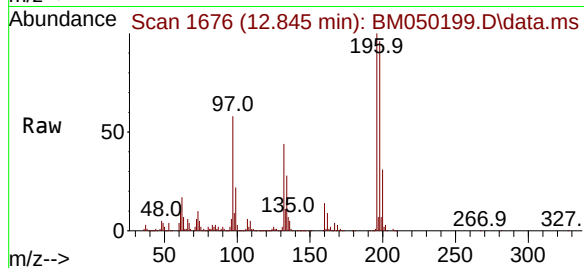
Tgt Ion:196 Resp: 810794

Ion Ratio Lower Upper

196 100

198 95.9 76.6 115.0

200 30.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 54.822 ng

RT: 12.916 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion:196 Resp: 896452

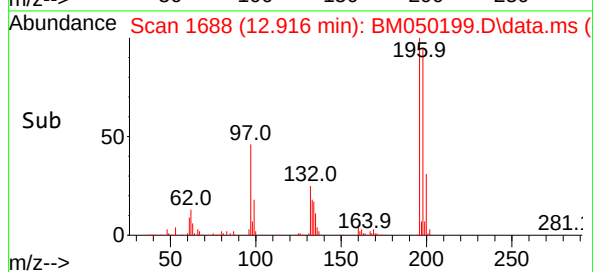
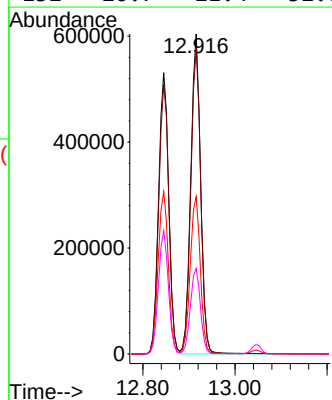
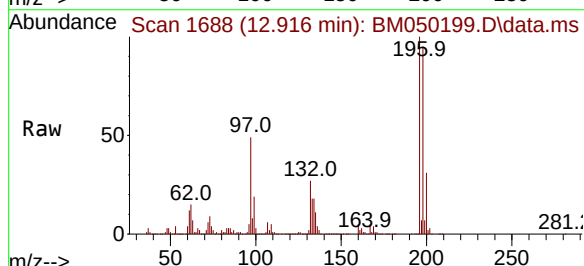
Ion Ratio Lower Upper

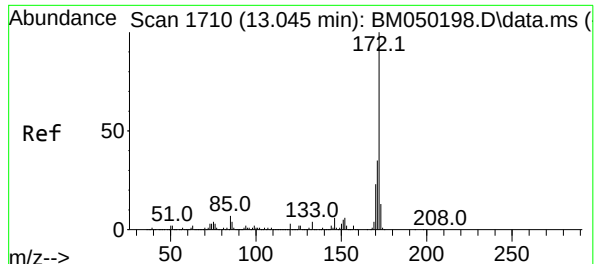
196 100

198 95.5 76.1 114.1

97 49.2 39.3 58.9

132 26.7 21.4 32.0

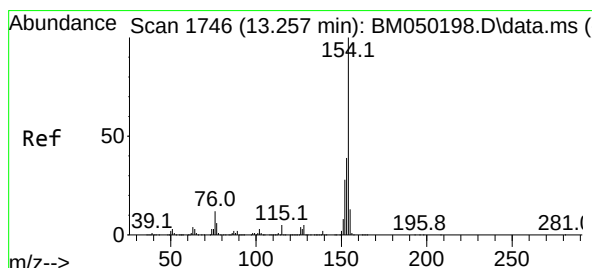
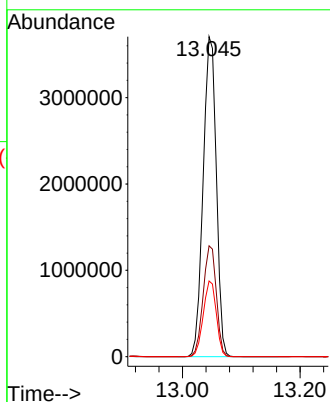
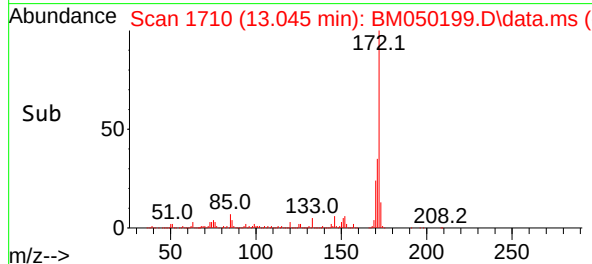
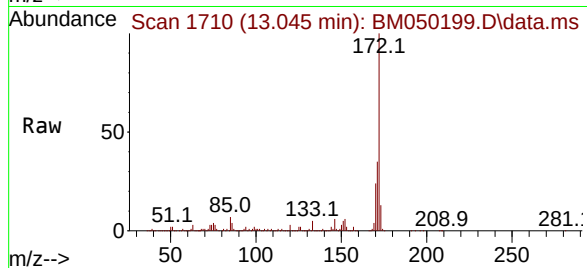




#45
2-Fluorobiphenyl
Concen: 99.064 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

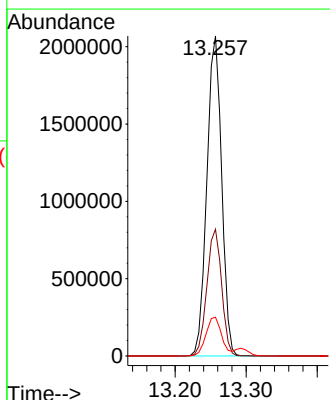
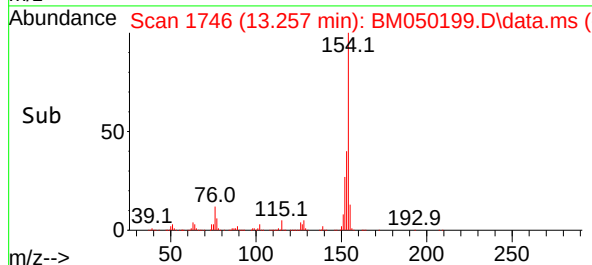
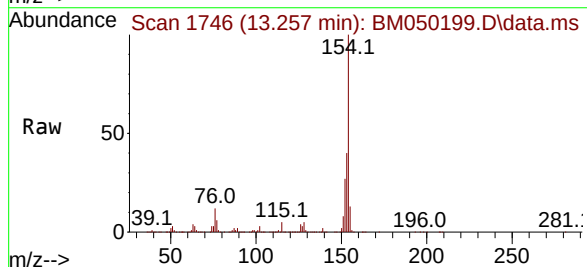
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

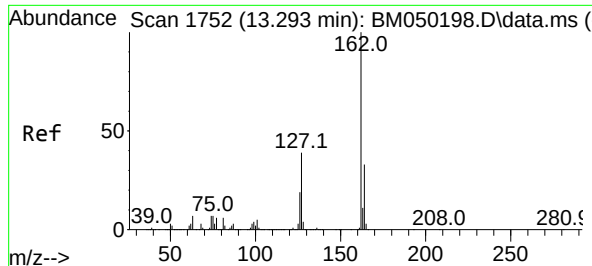
Tgt Ion:172 Resp: 5738887
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 50.951 ng
RT: 13.257 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:154 Resp: 2992234
Ion Ratio Lower Upper
154 100
153 39.6 19.2 59.2
76 12.1 0.0 32.0

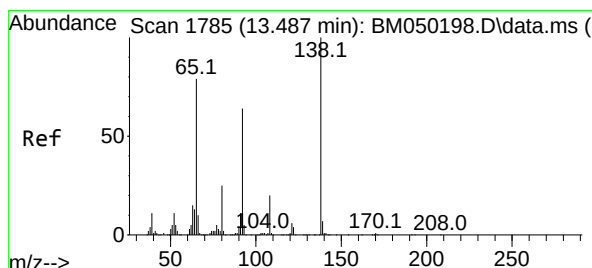
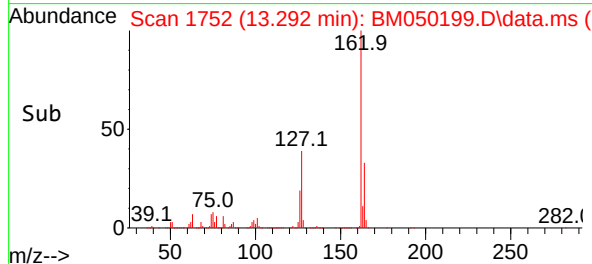
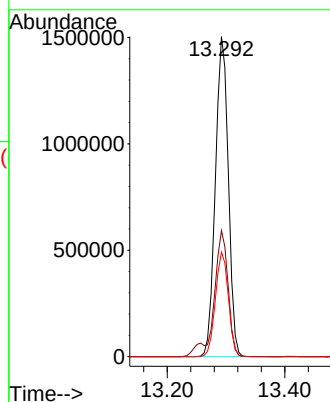
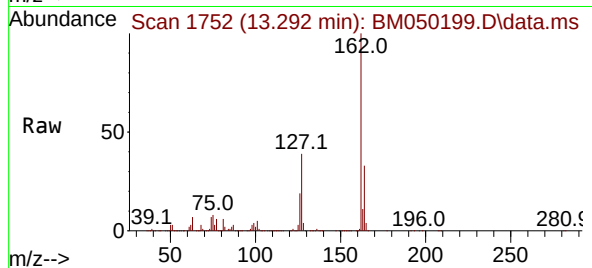




#47
2-Chloronaphthalene
Concen: 50.305 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

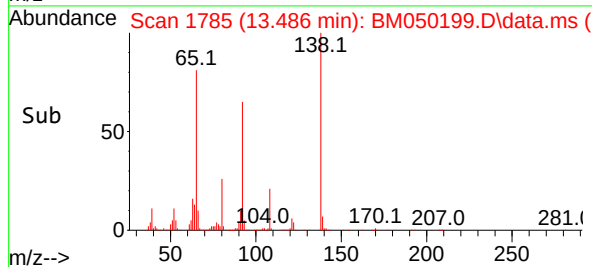
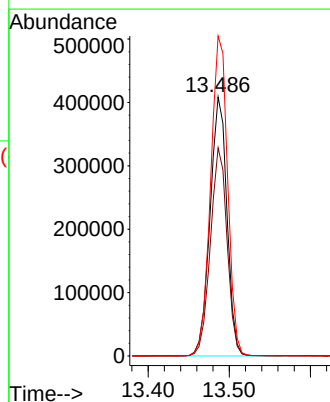
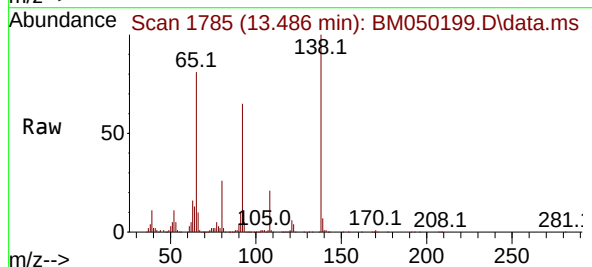
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

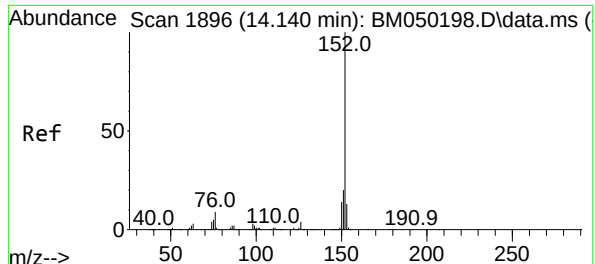
Tgt Ion:162 Resp: 2296762
Ion Ratio Lower Upper
162 100
127 39.4 31.1 46.7
164 32.7 26.5 39.7



#48
2-Nitroaniline
Concen: 58.859 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 65 Resp: 591382
Ion Ratio Lower Upper
65 100
92 80.4 64.2 96.4
138 123.5 101.0 151.4





#49

Acenaphthylene

Concen: 52.521 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

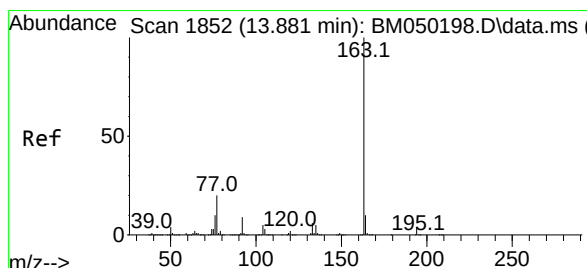
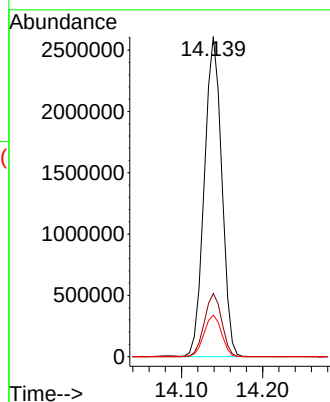
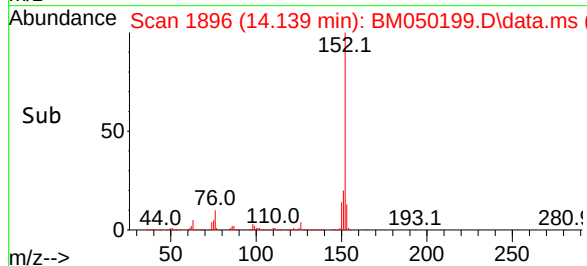
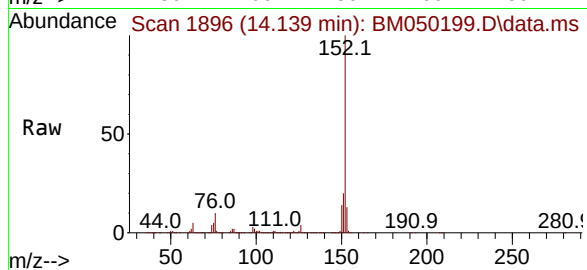
Tgt Ion:152 Resp: 3878499

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 54.500 ng

RT: 13.880 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

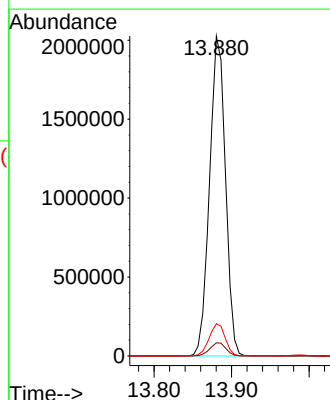
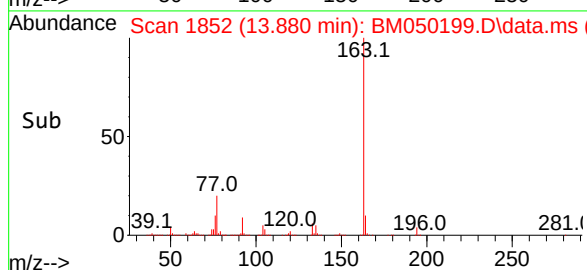
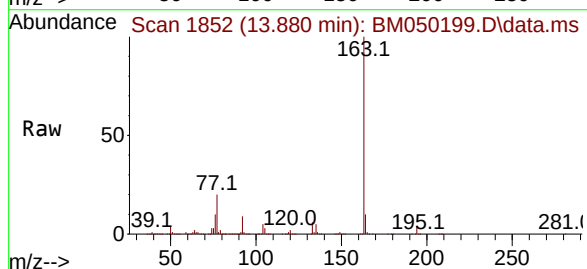
Tgt Ion:163 Resp: 2890771

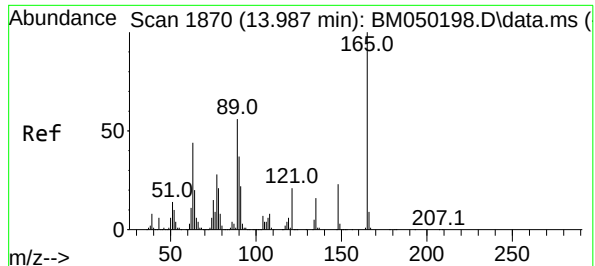
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 58.698 ng

RT: 13.986 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

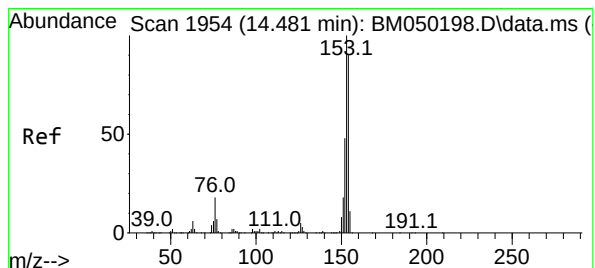
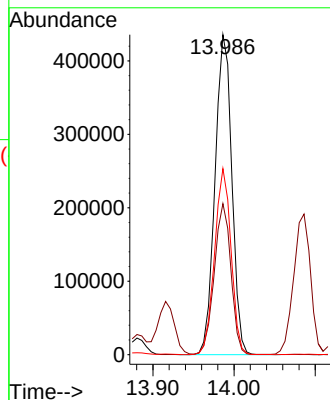
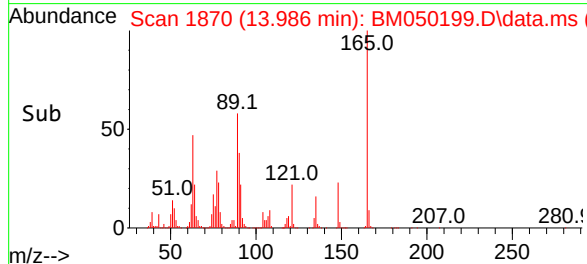
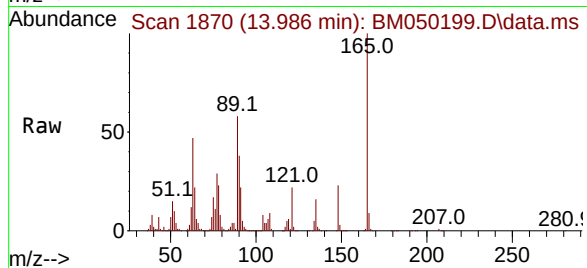
Tgt Ion:165 Resp: 627879

Ion Ratio Lower Upper

165 100

63 47.2 35.8 53.6

89 58.2 44.8 67.2



#52

Acenaphthene

Concen: 52.109 ng

RT: 14.480 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

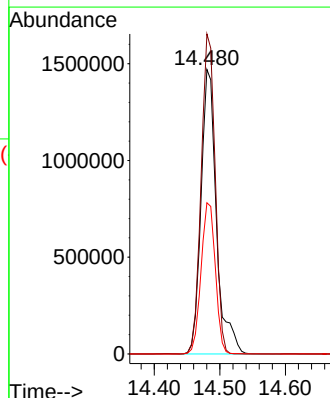
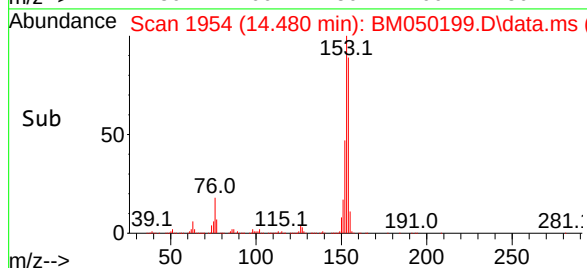
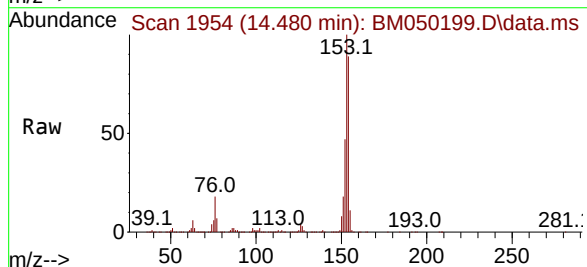
Tgt Ion:154 Resp: 2406891

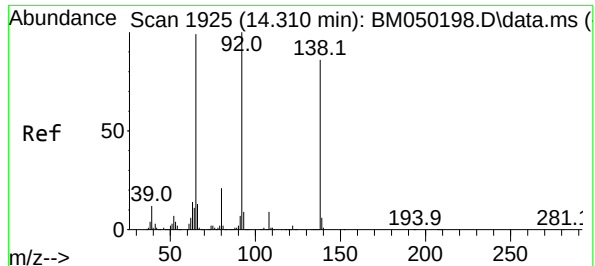
Ion Ratio Lower Upper

154 100

153 112.5 88.7 133.1

152 53.1 42.6 63.8

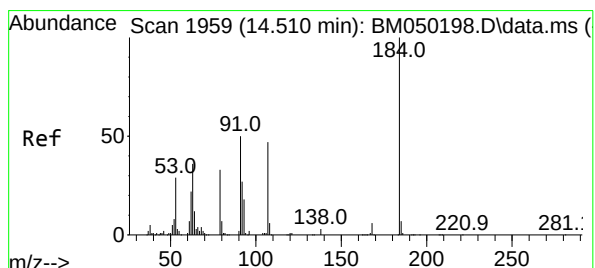
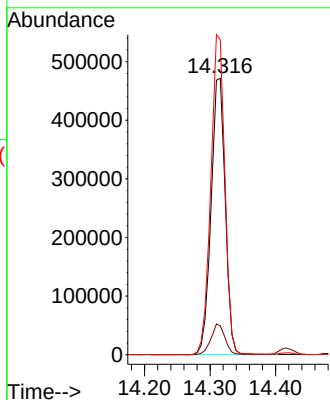
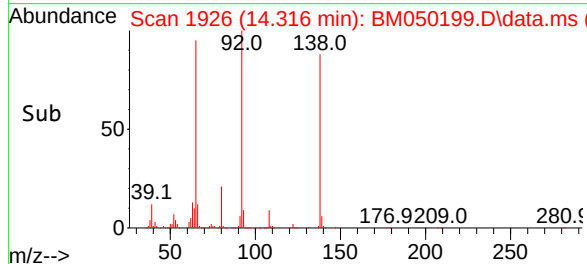
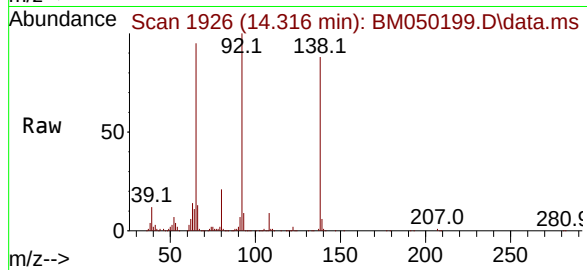




#53
3-Nitroaniline
Concen: 59.247 ng
RT: 14.316 min Scan# 1925
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

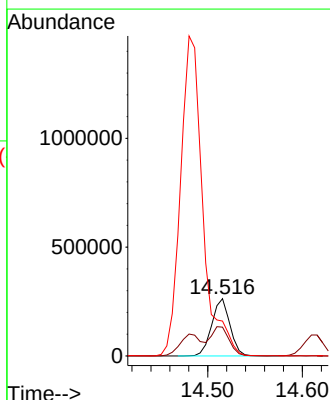
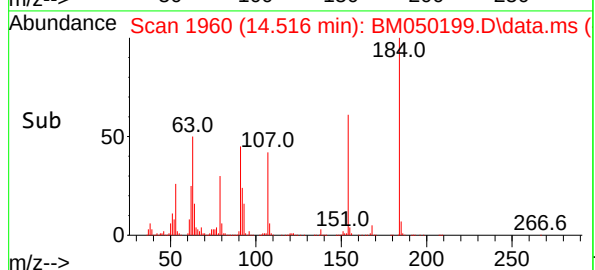
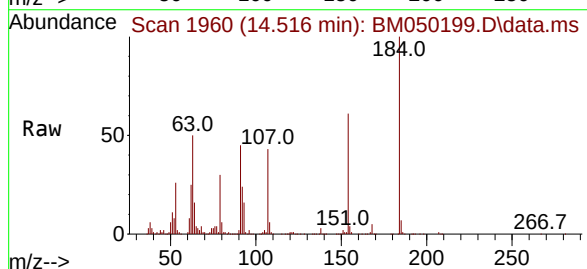
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

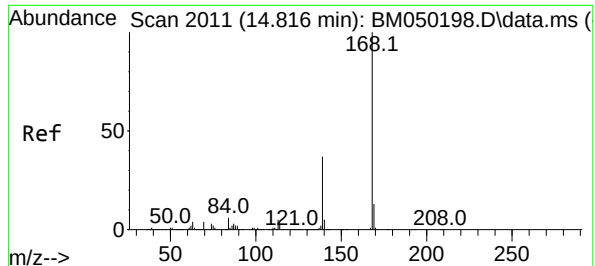
Tgt Ion:138 Resp: 706323
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 113.9 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 54.263 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:184 Resp: 350975
Ion Ratio Lower Upper
184 100
63 50.4 45.3 67.9
154 60.9 54.3 81.5





#55

Dibenzenofuran

Concen: 52.131 ng

RT: 14.816 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

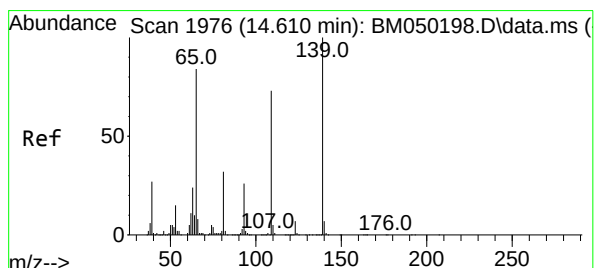
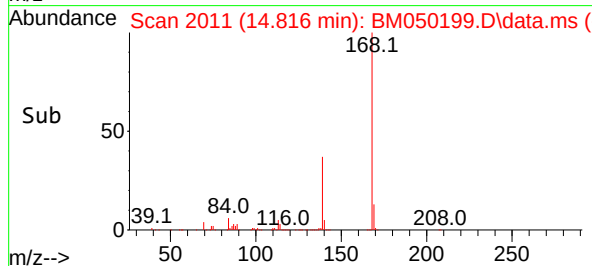
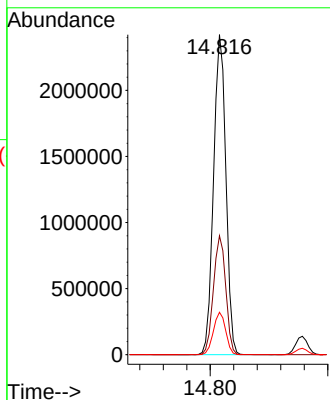
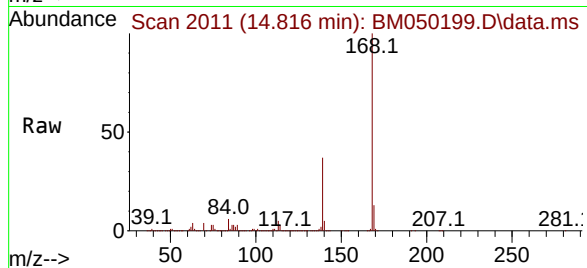
BNA_M

ClientSampleId :

SSTDIC050

Tgt Ion:168 Resp: 3522761

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.9	44.9
169	13.3	10.6	16.0



#56

4-Nitrophenol

Concen: 59.319 ng

RT: 14.616 min Scan# 1977

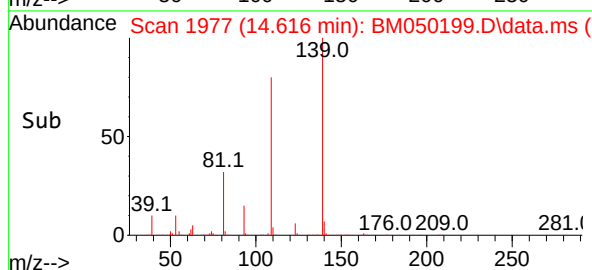
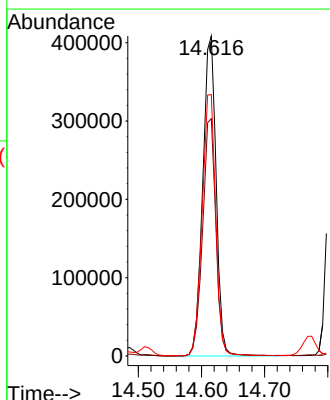
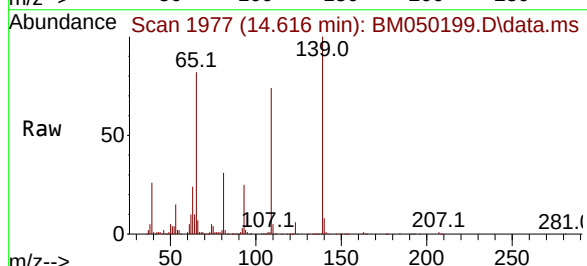
Delta R.T. 0.006 min

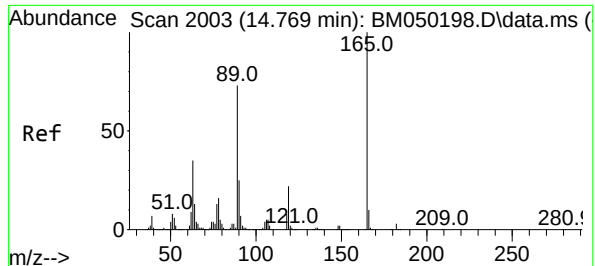
Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion:139 Resp: 601906

Ion	Ratio	Lower	Upper
139	100		
109	74.2	52.6	92.6
65	81.7	64.3	104.3

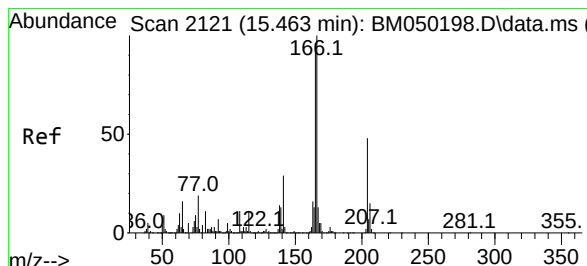
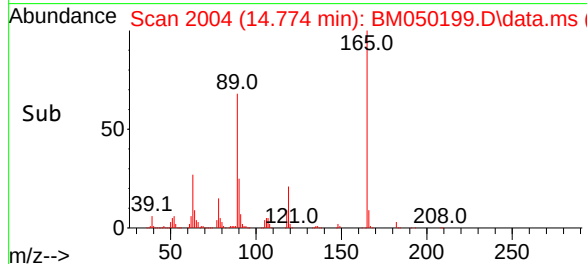
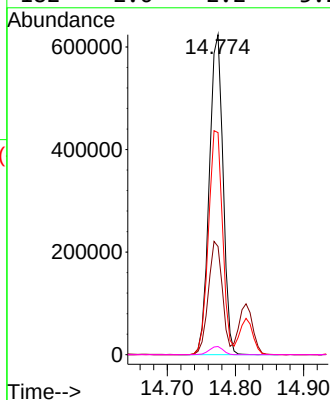
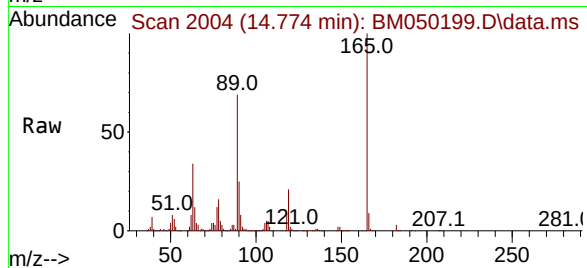




#57
2,4-Dinitrotoluene
Concen: 62.091 ng
RT: 14.774 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

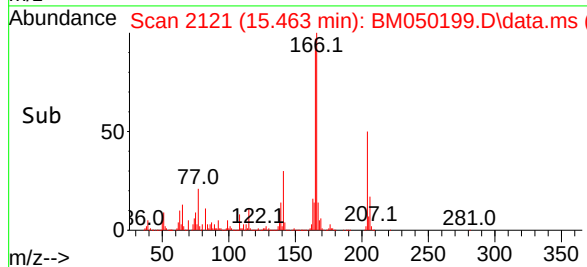
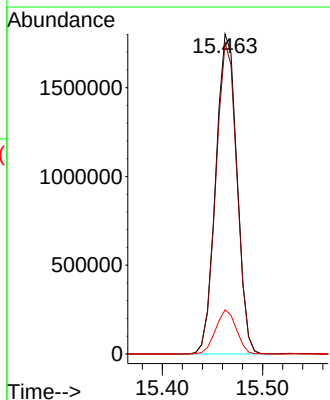
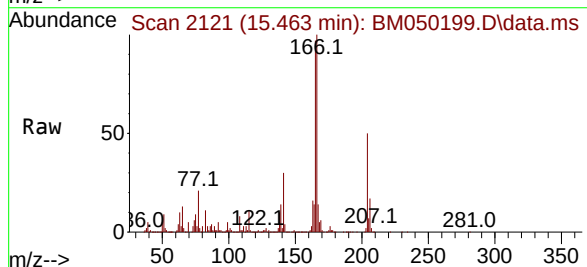
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

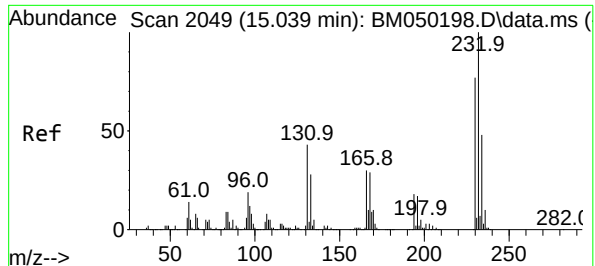
Tgt Ion:165 Resp: 876137
Ion Ratio Lower Upper
165 100
63 33.8 28.4 42.6
89 69.4 58.0 87.0
182 2.6 2.2 3.2



#58
Fluorene
Concen: 51.068 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:166 Resp: 2643113
Ion Ratio Lower Upper
166 100
165 97.3 77.0 115.4
167 13.8 10.7 16.1

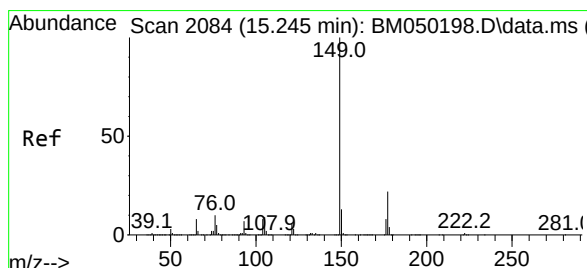
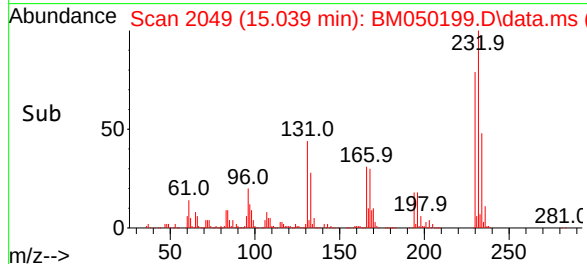
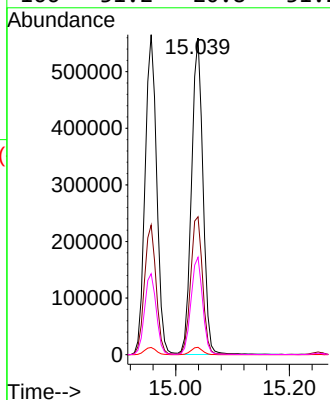
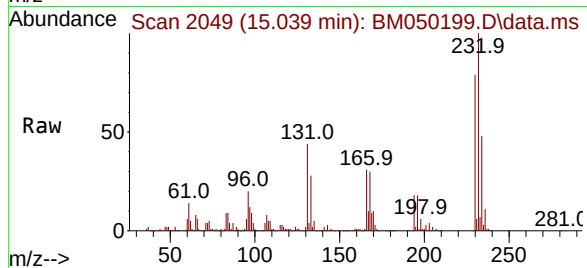




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.608 ng
RT: 15.039 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

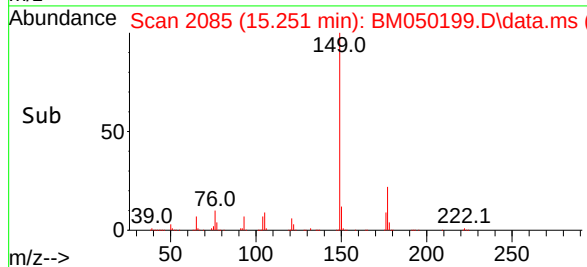
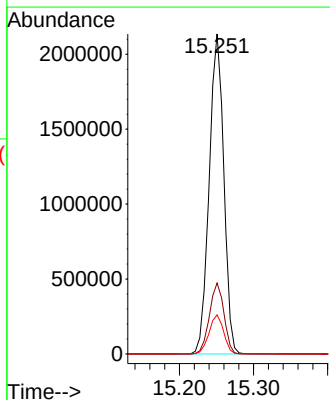
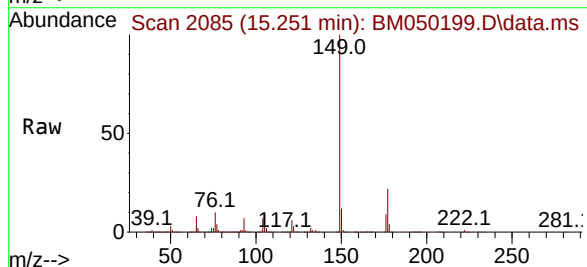
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

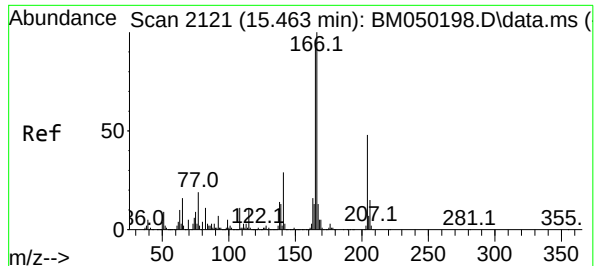
Tgt Ion:232 Resp: 786725
Ion Ratio Lower Upper
232 100
131 45.2 32.9 49.3
130 2.4 1.8 2.8
166 31.2 20.8 31.2



#60
Diethylphthalate
Concen: 55.521 ng
RT: 15.251 min Scan# 2085
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:149 Resp: 2921964
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.2 10.0 15.0

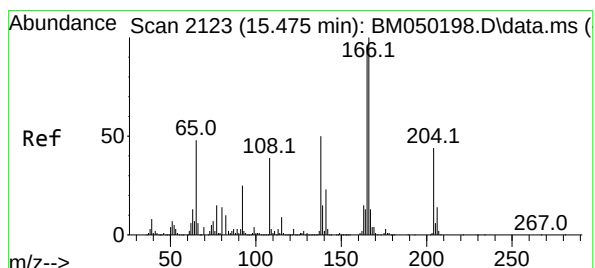
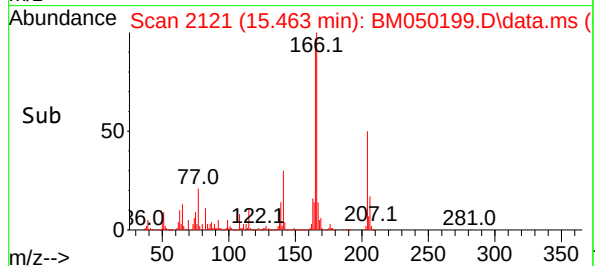
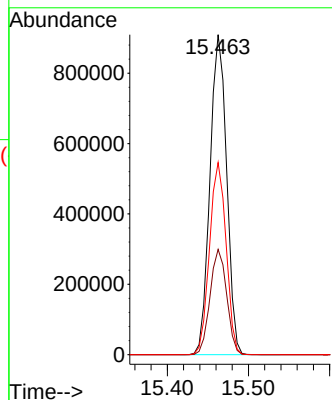
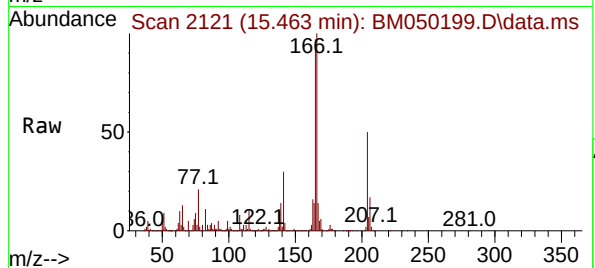




#61
4-Chlorophenyl-phenylether
Concen: 51.728 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

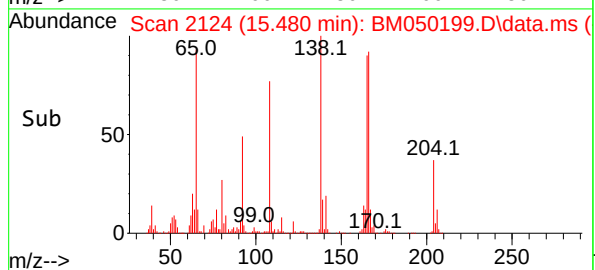
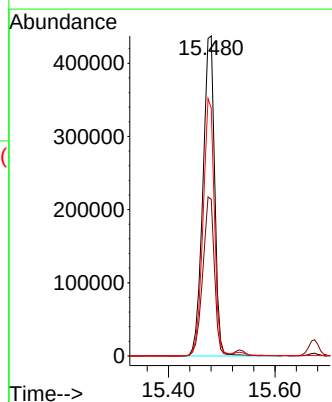
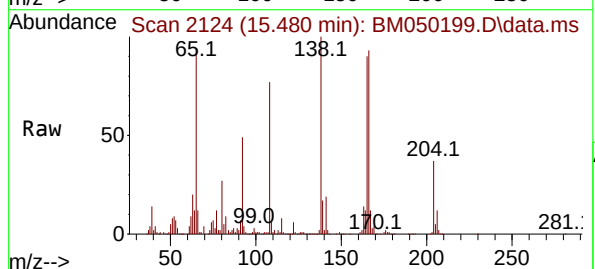
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

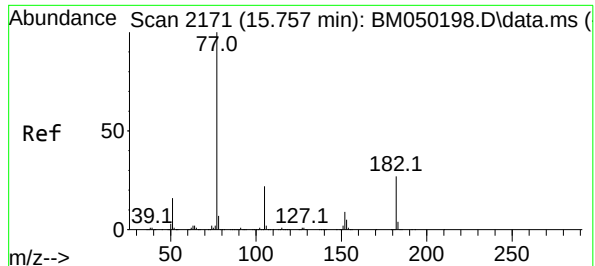
Tgt Ion:204 Resp: 1293938
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 60.1 47.9 71.9



#62
4-Nitroaniline
Concen: 59.947 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:138 Resp: 669832
Ion Ratio Lower Upper
138 100
92 49.0 28.8 68.8
108 77.4 58.1 98.1



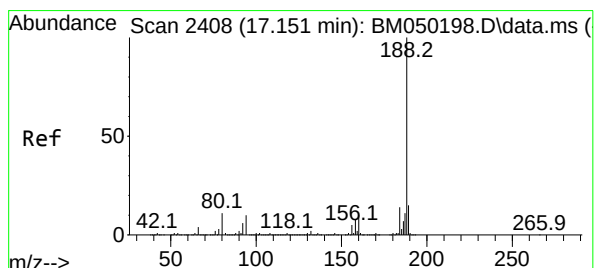
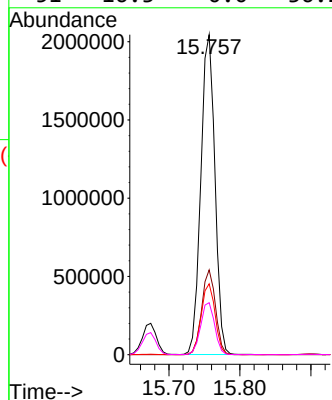
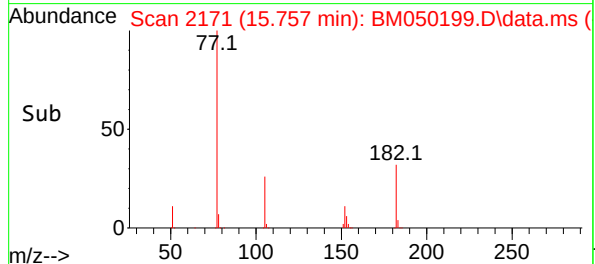
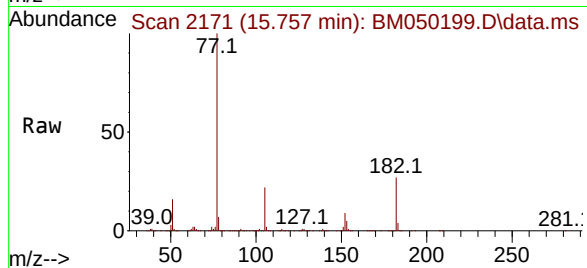


#63
Azobenzene
Concen: 53.794 ng
RT: 15.757 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2829707

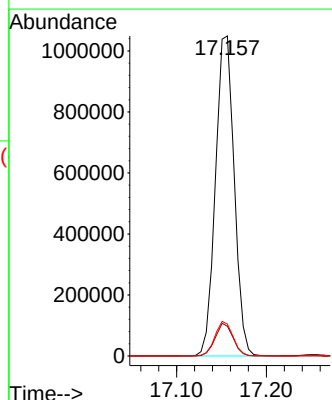
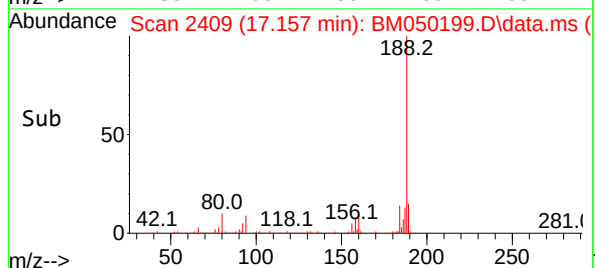
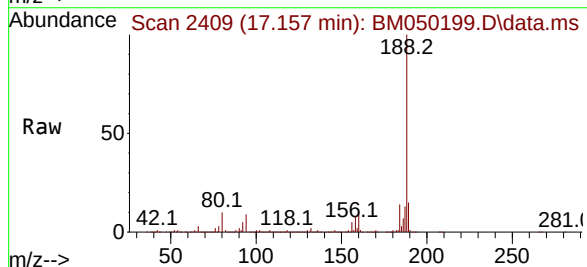
Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.8	46.8
105	22.1	1.7	41.7
51	16.3	0.0	36.2

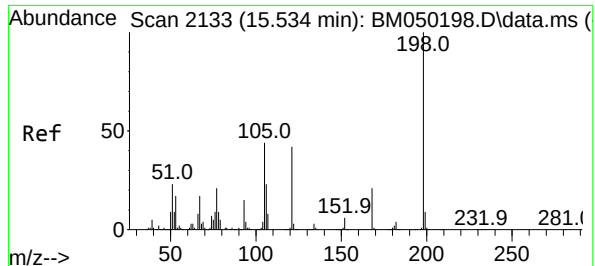


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion: 188 Resp: 1523841

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	9.9	8.6	13.0

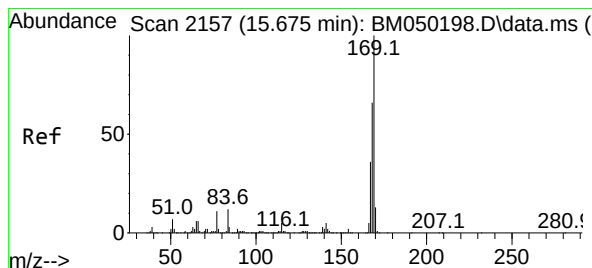
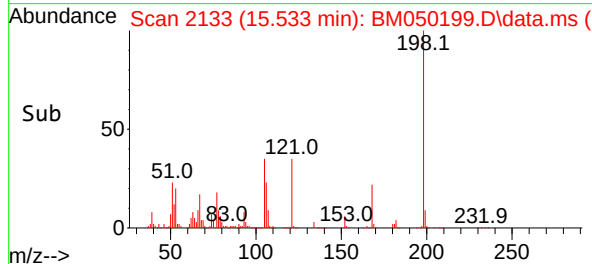
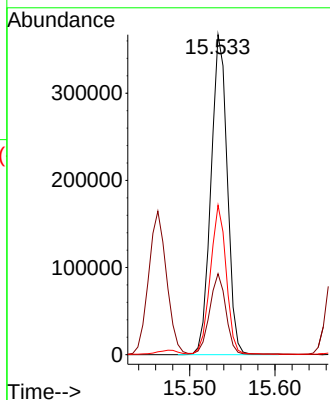
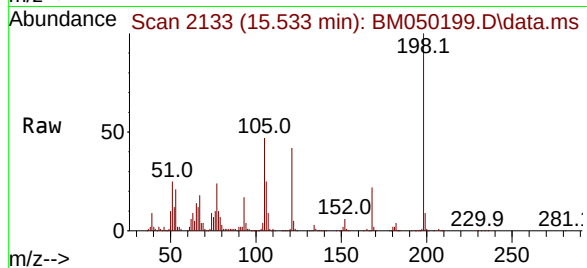




#65
4,6-Dinitro-2-methylphenol
Concen: 58.562 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

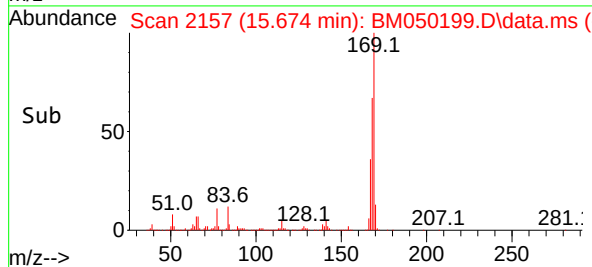
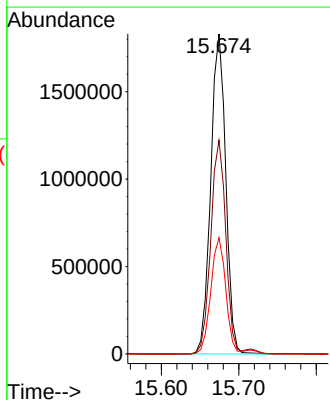
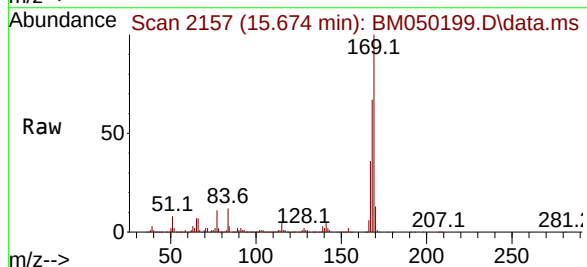
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

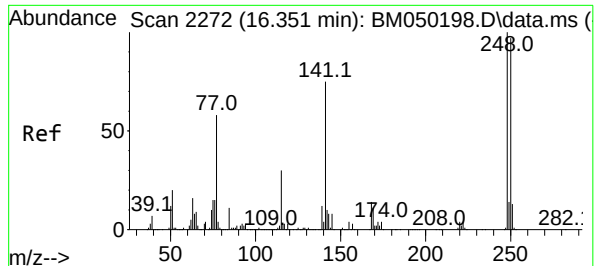
Tgt Ion:198 Resp: 487410
Ion Ratio Lower Upper
198 100
51 25.3 4.5 44.5
105 46.7 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 51.375 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:169 Resp: 2459825
Ion Ratio Lower Upper
169 100
168 66.8 53.1 79.7
167 36.3 29.0 43.6

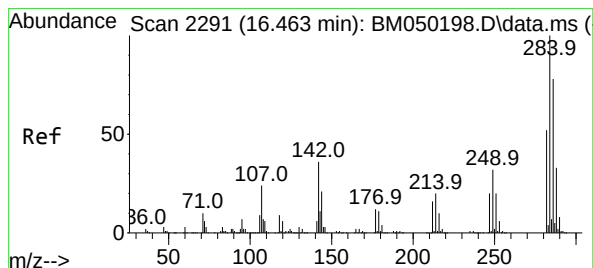
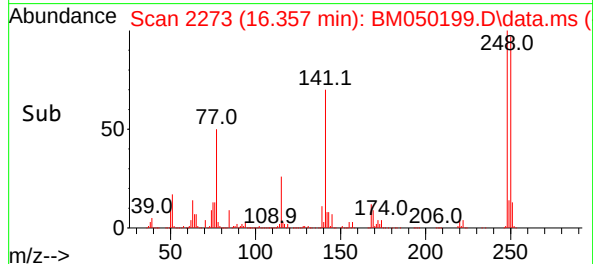
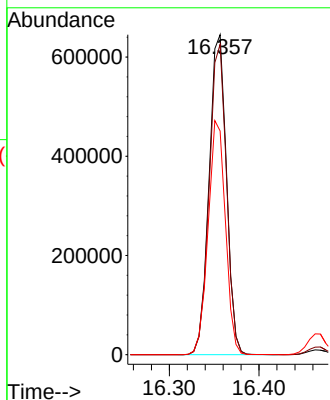
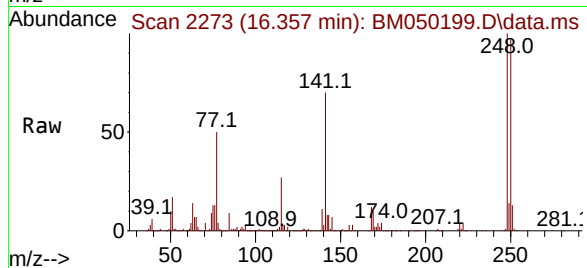




#67
4-Bromophenyl-phenylether
Concen: 53.423 ng
RT: 16.357 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

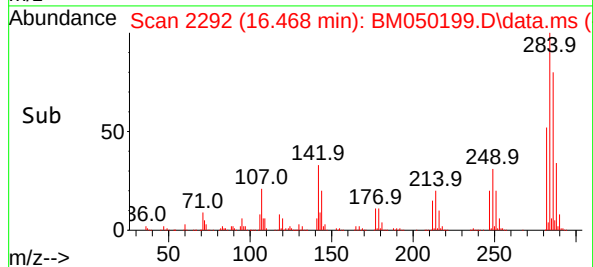
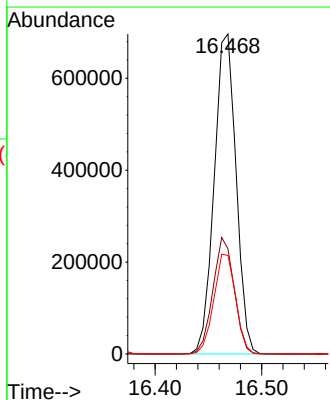
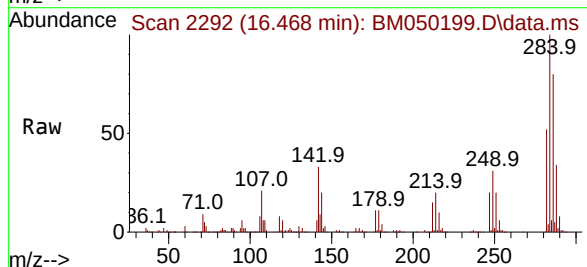
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

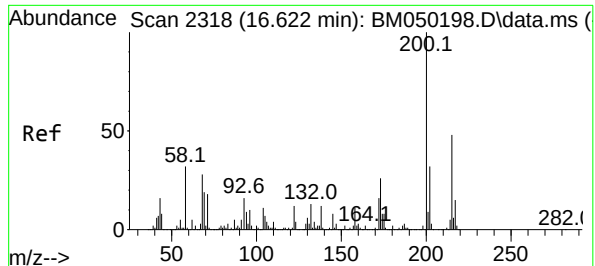
Tgt Ion:248 Resp: 868132
Ion Ratio Lower Upper
248 100
250 97.0 78.0 117.0
141 69.9 60.1 90.1



#68
Hexachlorobenzene
Concen: 52.310 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:284 Resp: 993147
Ion Ratio Lower Upper
284 100
142 32.8 28.8 43.2
249 30.8 25.8 38.6

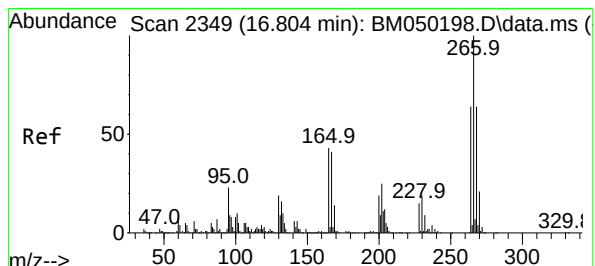
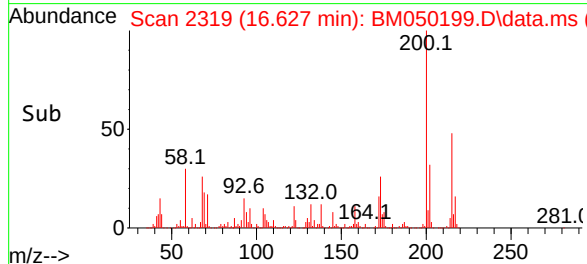
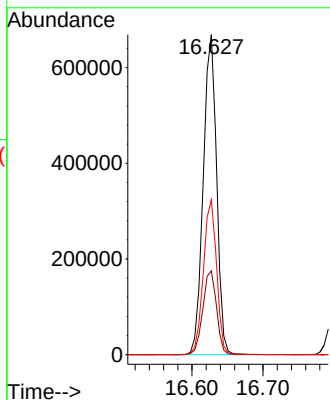
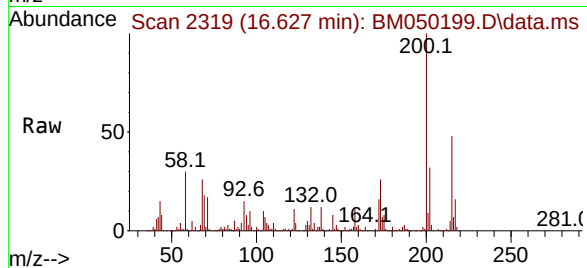




#69
Atrazine
Concen: 57.610 ng
RT: 16.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

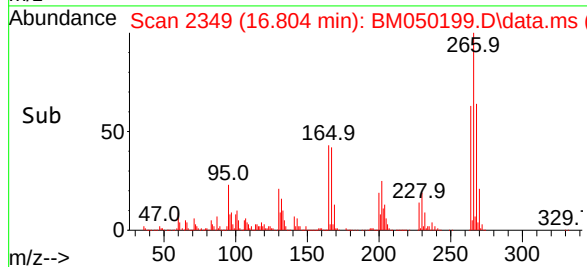
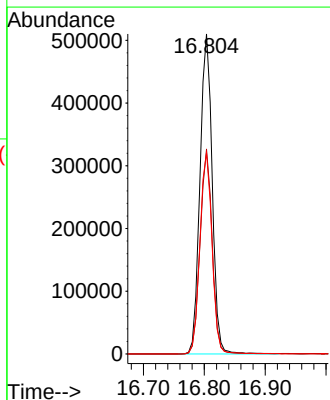
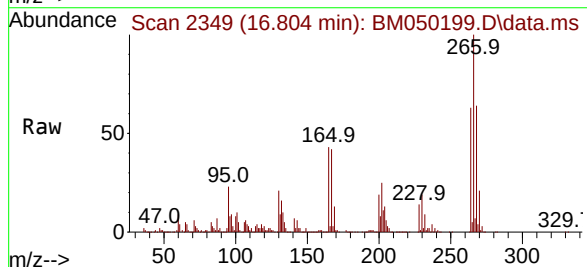
Instrument :
BNA_M
ClientSampleId :
SSTDIC050

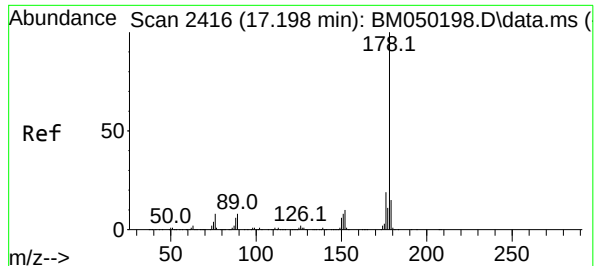
Tgt Ion:200 Resp: 878900
Ion Ratio Lower Upper
200 100
173 26.2 6.0 46.0
215 48.4 28.1 68.1



#70
Pentachlorophenol
Concen: 57.680 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:266 Resp: 711985
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.6
264 62.9 50.8 76.2

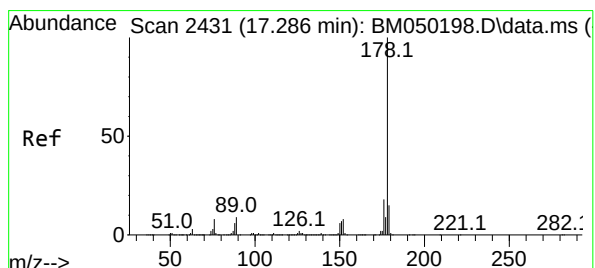
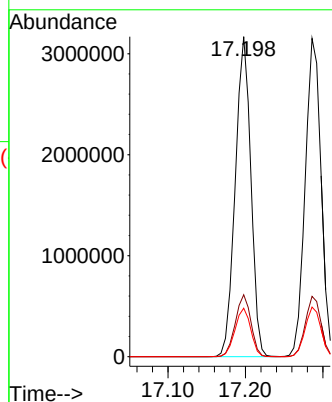
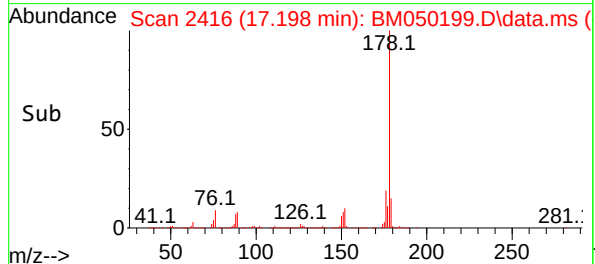
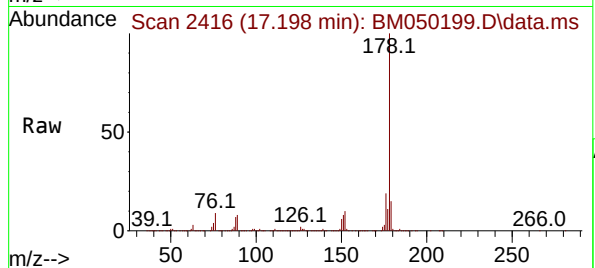




#71
Phenanthrene
Concen: 50.793 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

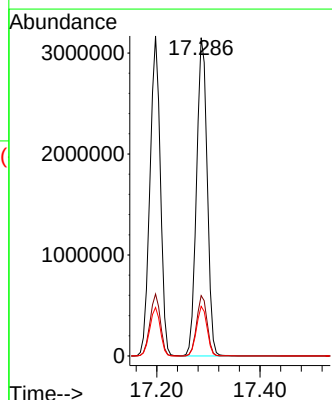
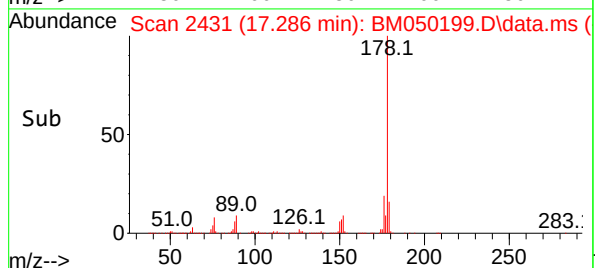
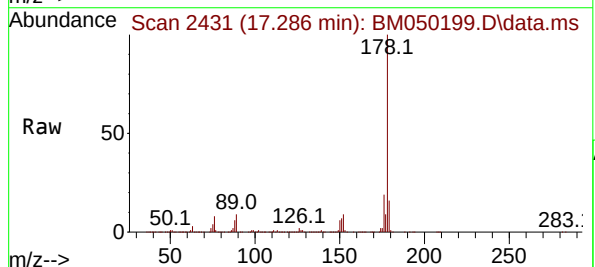
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

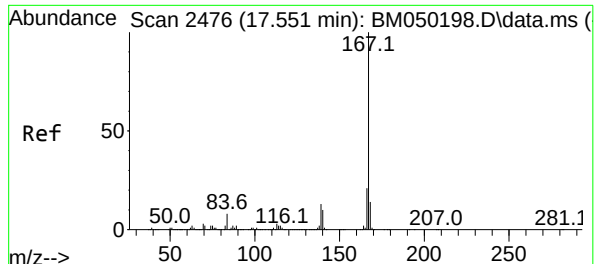
Tgt Ion:178 Resp: 4421661
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.3 18.5



#72
Anthracene
Concen: 51.663 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

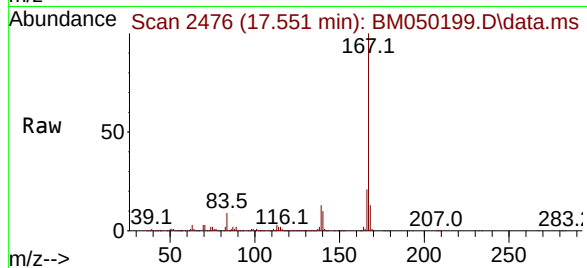
Tgt Ion:178 Resp: 4499098
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.6 12.3 18.5



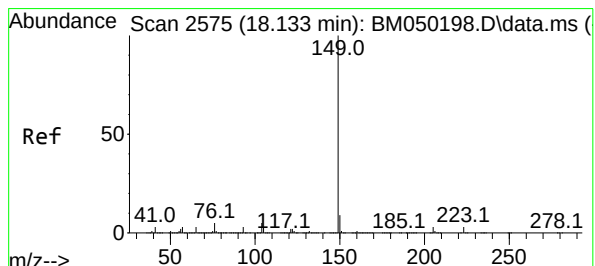
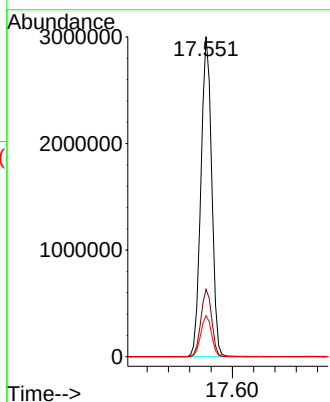
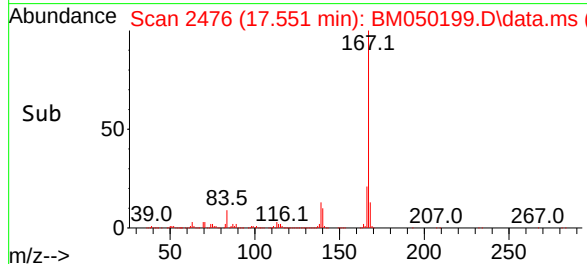


#73
Carbazole
Concen: 52.985 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

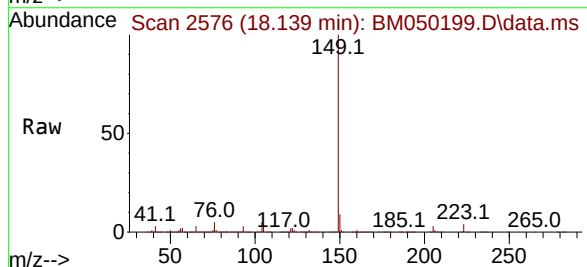
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



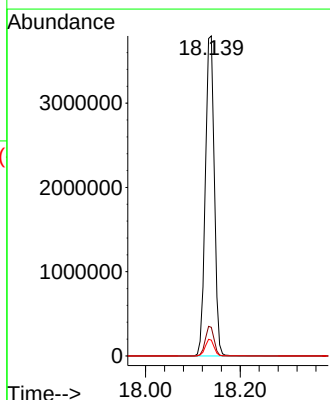
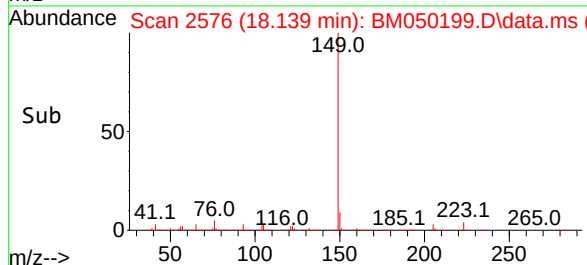
Tgt Ion:167 Resp: 4203693
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.8 10.2 15.4

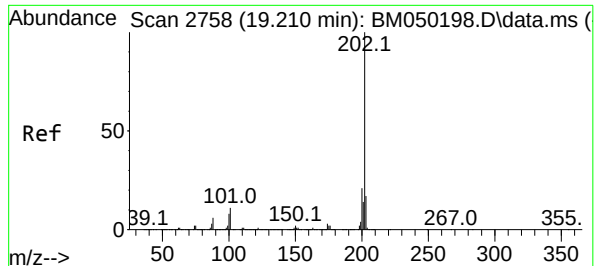


#74
Di-n-butylphthalate
Concen: 57.359 ng
RT: 18.139 min Scan# 2576
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36



Tgt Ion:149 Resp: 4951541
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.0 4.0 6.0

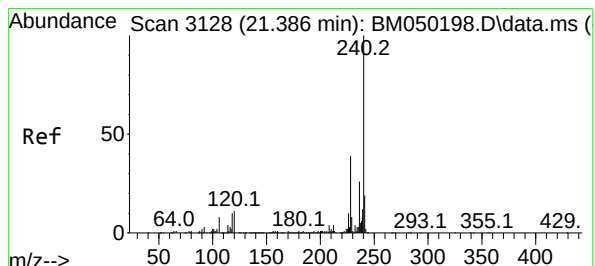
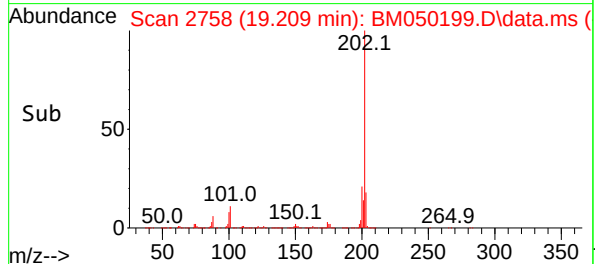
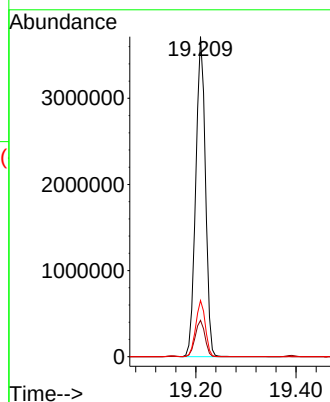
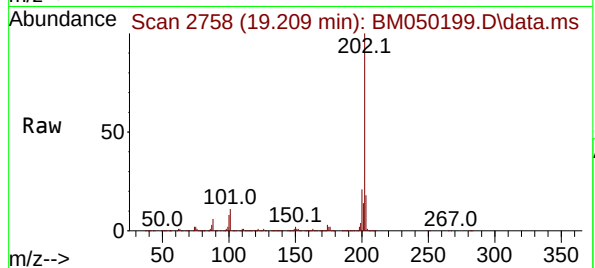




#75
Fluoranthene
Concen: 54.004 ng
RT: 19.209 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

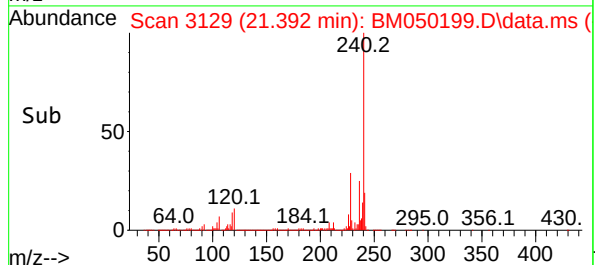
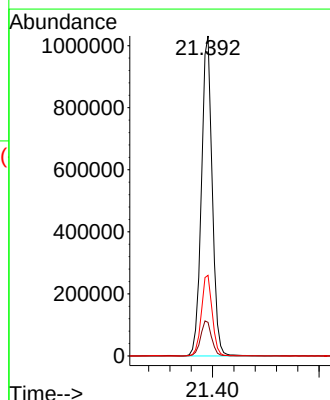
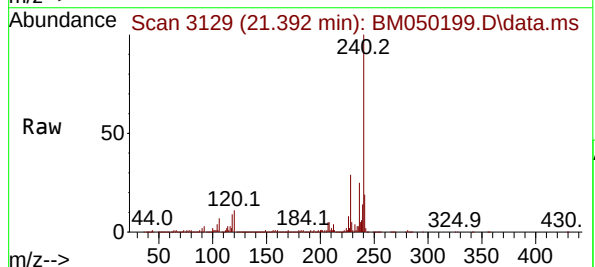
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

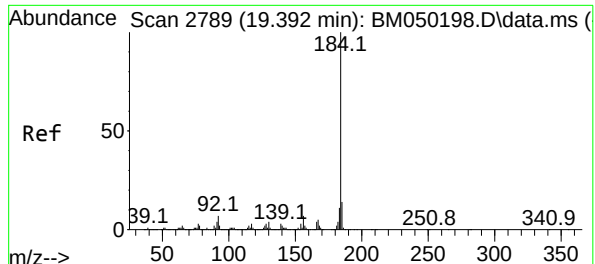
Tgt Ion:202 Resp: 4957680
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.1
203 17.5 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:240 Resp: 1446151
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.2 20.7 31.1

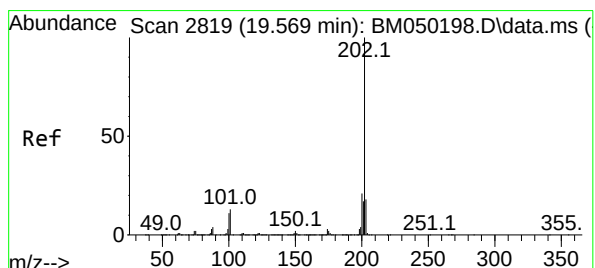
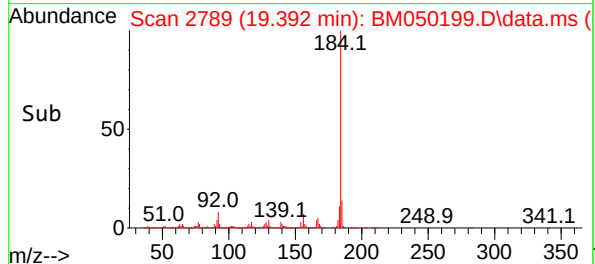
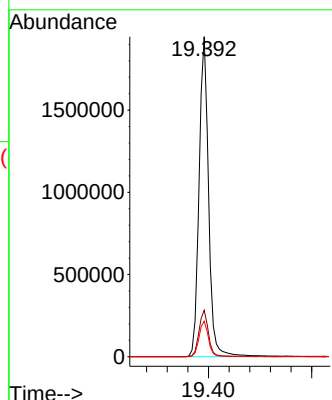
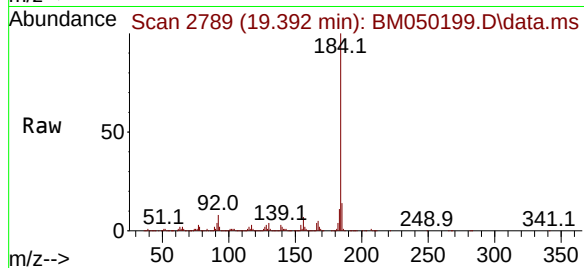




#77
Benzidine
Concen: 61.214 ng
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

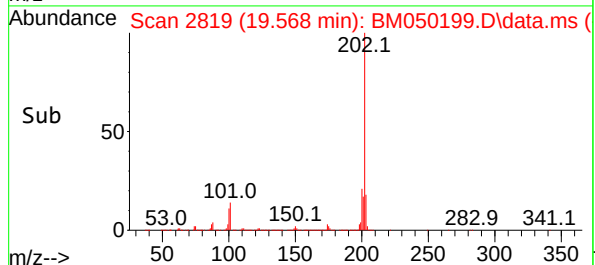
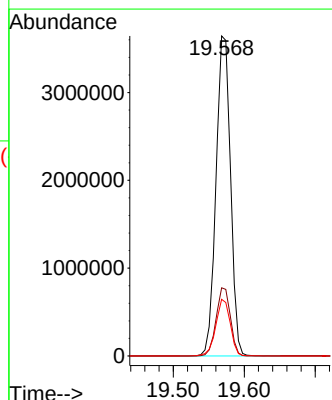
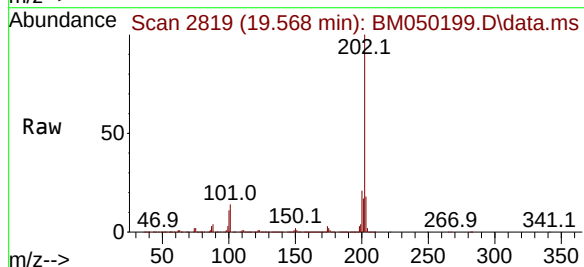
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

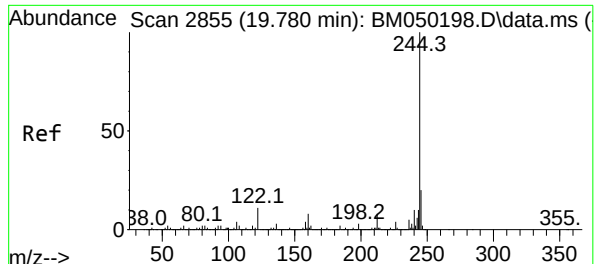
Tgt Ion:184 Resp: 2489372
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.1 9.0 13.4



#78
Pyrene
Concen: 52.769 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:202 Resp: 5143501
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.7 14.1 21.1

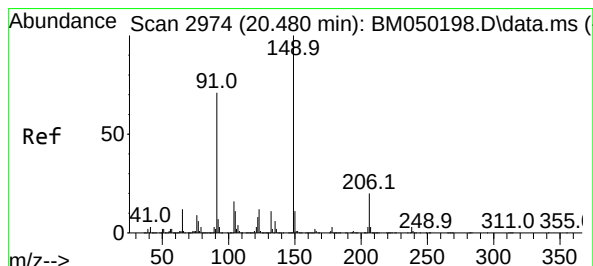
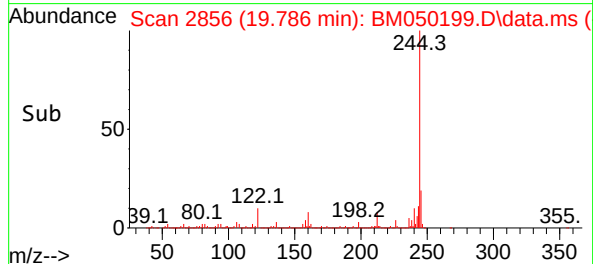
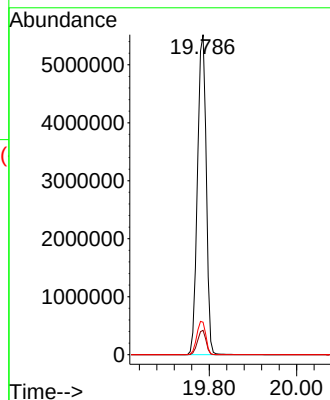
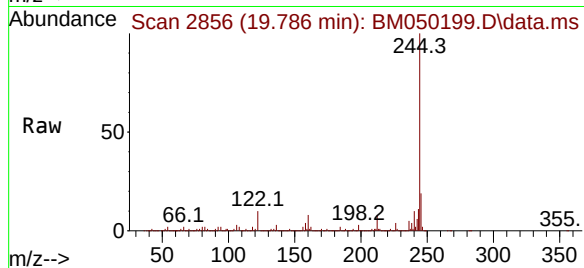




#79
Terphenyl-d14
Concen: 100.800 ng
RT: 19.786 min Scan# 2855
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

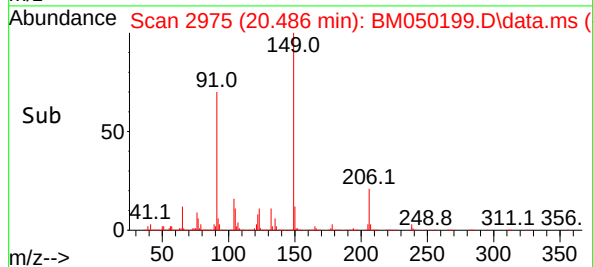
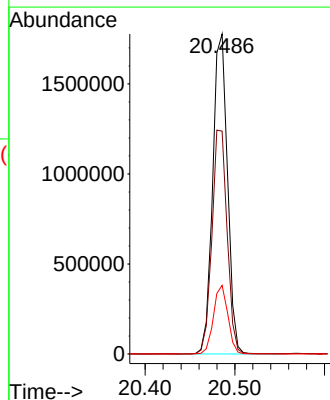
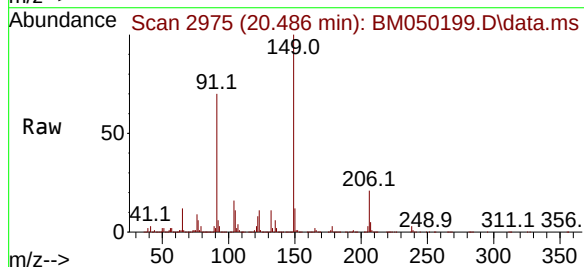
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

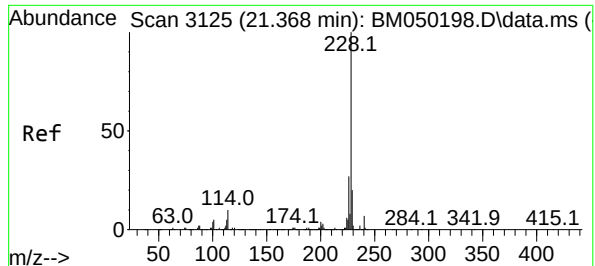
Tgt Ion:244 Resp: 7692376
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.2 8.6 12.8



#80
Butylbenzylphthalate
Concen: 62.625 ng
RT: 20.486 min Scan# 2975
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:149 Resp: 2036123
Ion Ratio Lower Upper
149 100
91 69.6 56.9 85.3
206 21.5 16.1 24.1

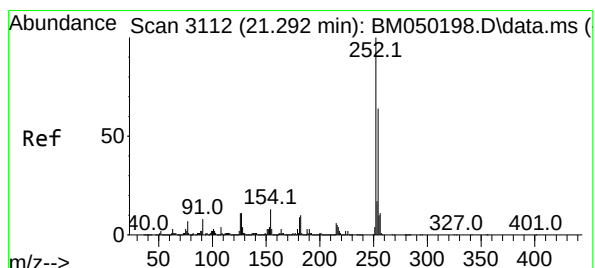
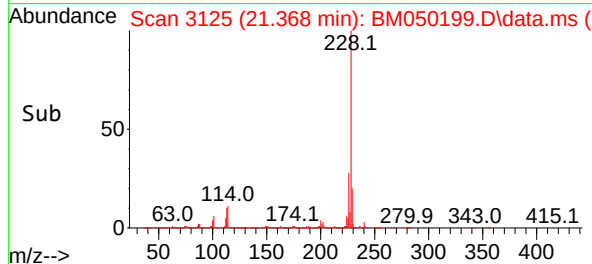
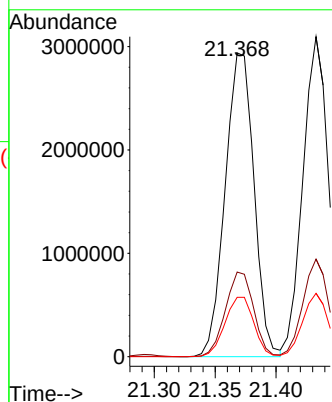
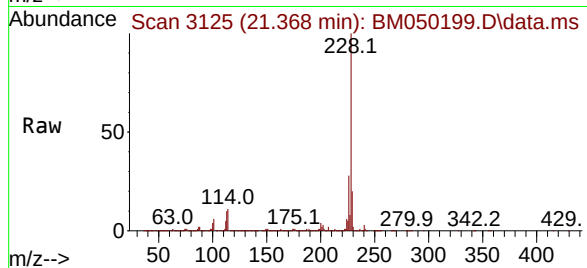




#81
Benzo(a)anthracene
Concen: 52.838 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

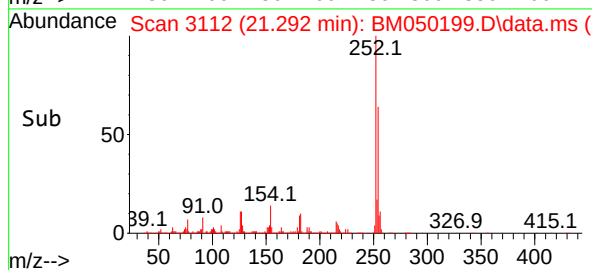
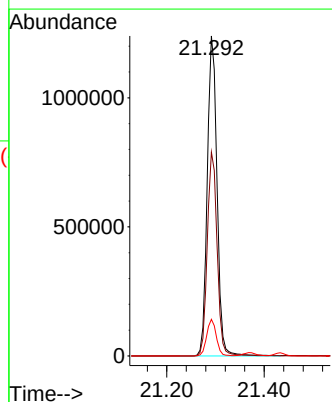
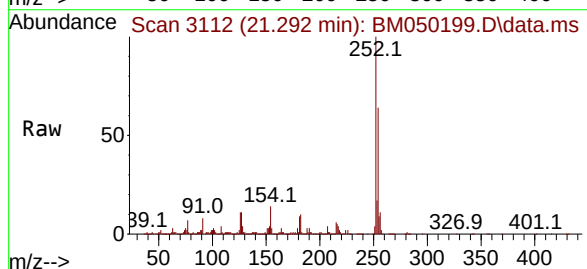
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

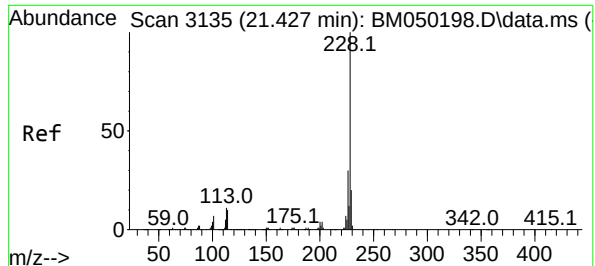
Tgt Ion:228 Resp: 4836514
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 61.684 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:252 Resp: 1721840
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.0
126 11.4 8.6 12.8





#83

Chrysene

Concen: 52.145 ng

RT: 21.433 min Scan# 3135

Delta R.T. 0.005 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

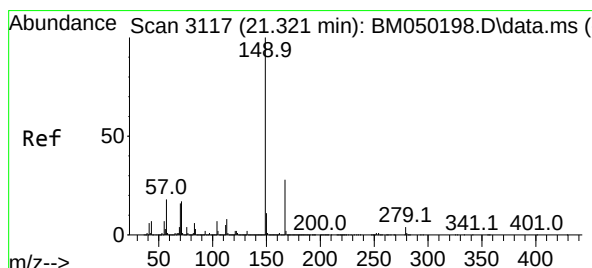
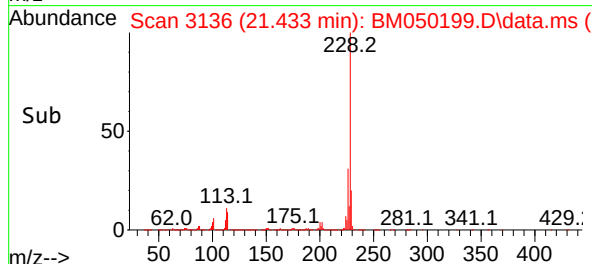
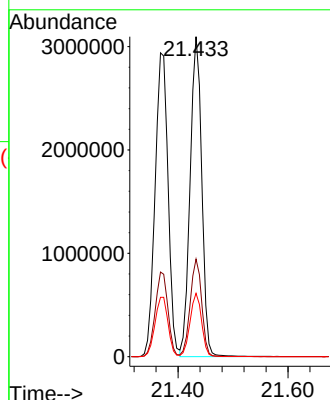
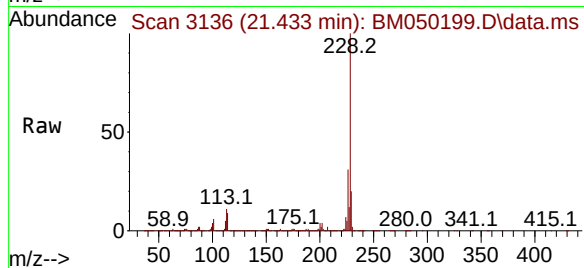
Tgt Ion:228 Resp: 4540308

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.400 ng

RT: 21.321 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

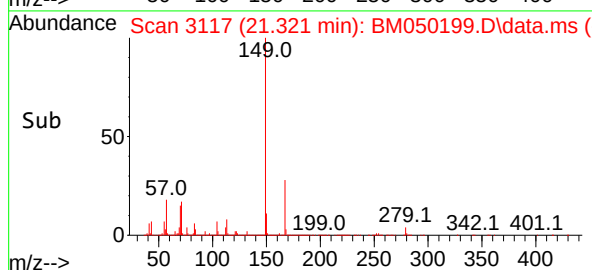
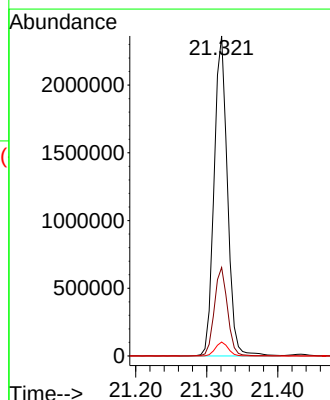
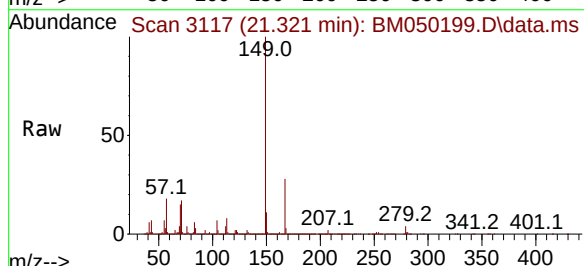
Tgt Ion:149 Resp: 3074950

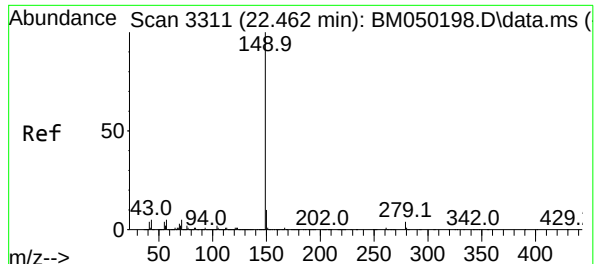
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.4 3.5 5.3

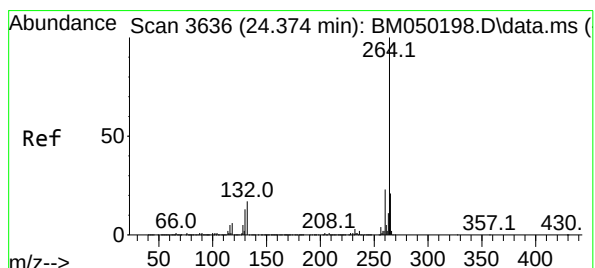
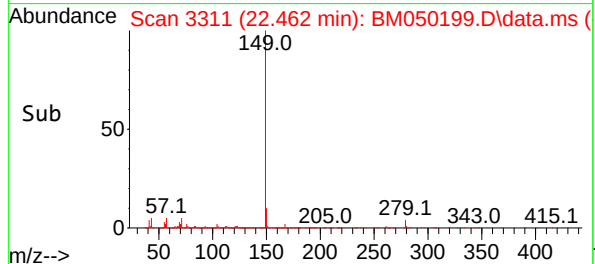
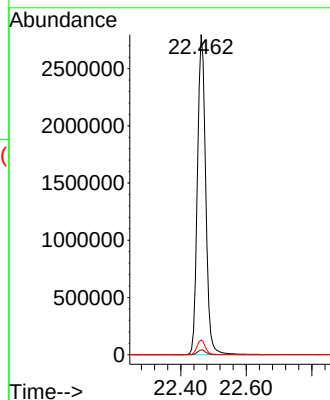
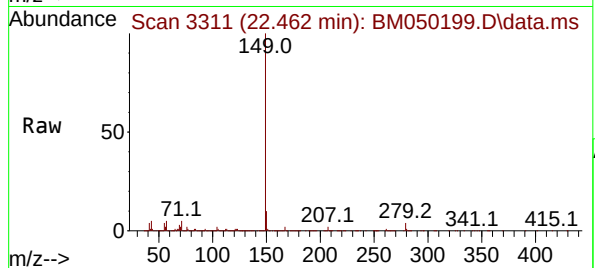




#85
Di-n-octyl phthalate
Concen: 66.103 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

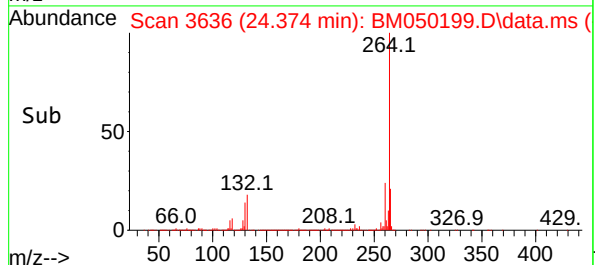
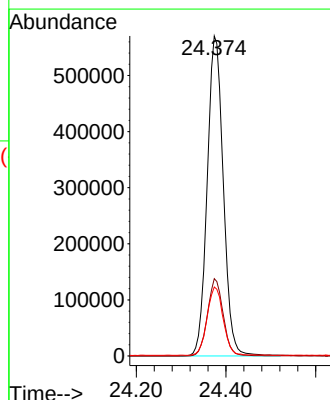
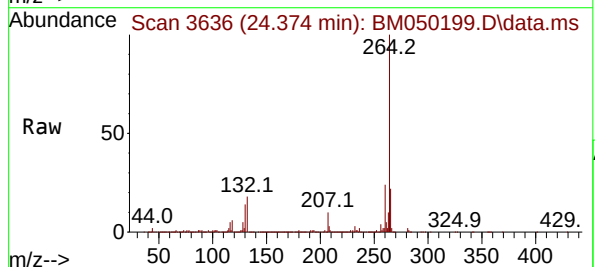
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

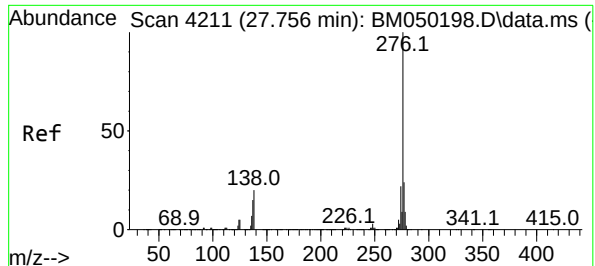
Tgt Ion:149 Resp: 4912405
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.7 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:264 Resp: 1421732
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.5 16.8 25.2

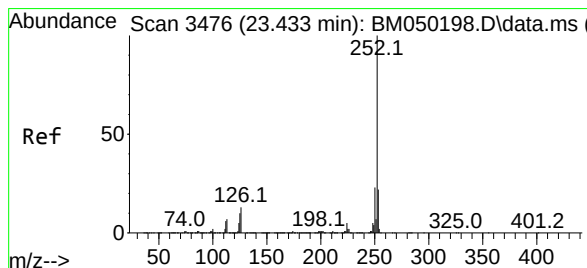
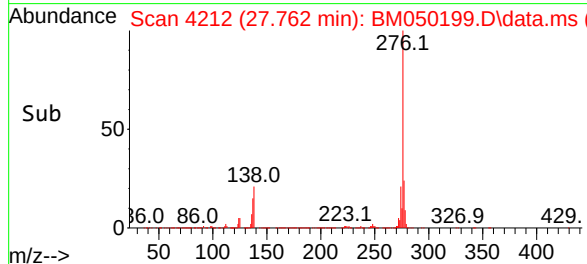
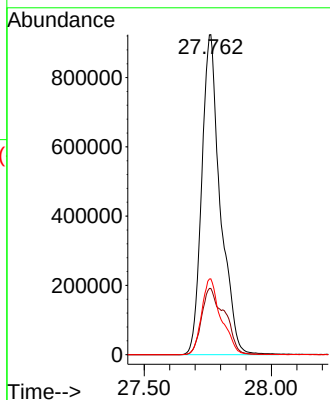
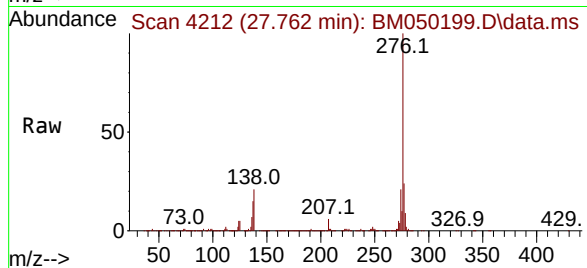




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.183 ng
RT: 27.762 min Scan# 41
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

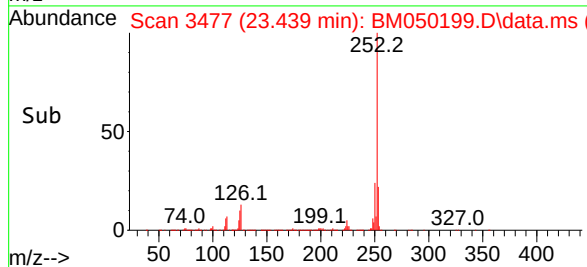
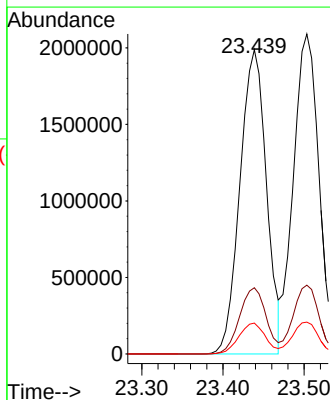
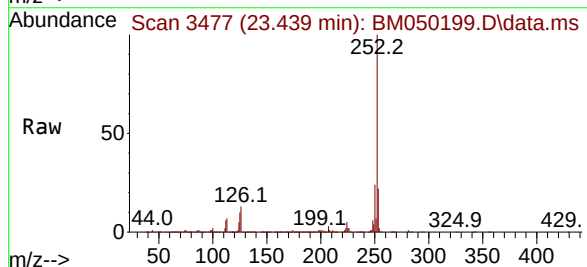
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

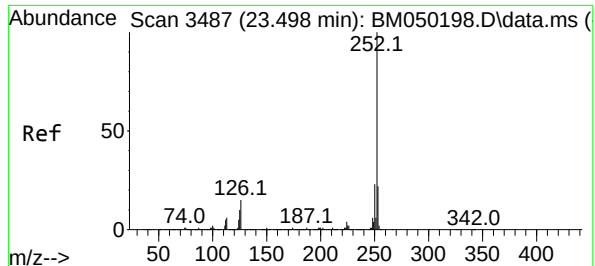
Tgt Ion:276 Resp: 4685372
Ion Ratio Lower Upper
276 100
138 25.7 20.6 30.8
277 24.8 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 54.563 ng
RT: 23.439 min Scan# 3477
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:252 Resp: 4510196
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 54.567 ng

RT: 23.503 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

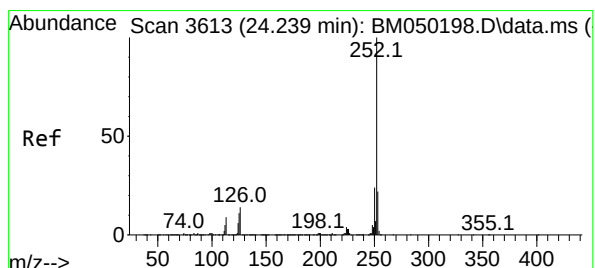
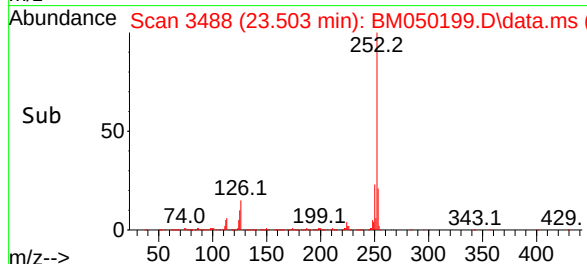
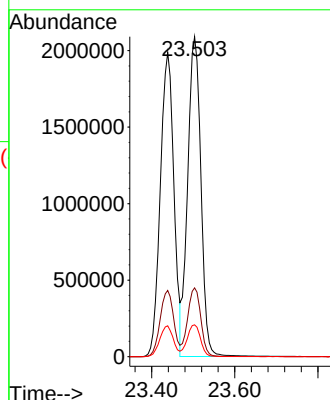
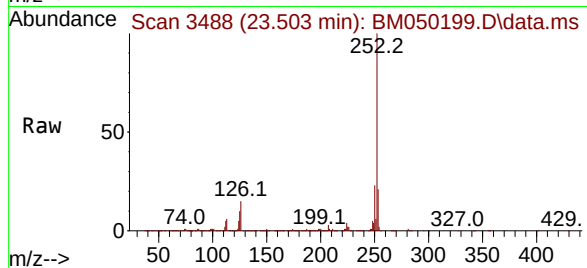
Tgt Ion:252 Resp: 4604565

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.0 8.2 12.4



#90

Benzo(a)pyrene

Concen: 54.752 ng

RT: 24.238 min Scan# 3613

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

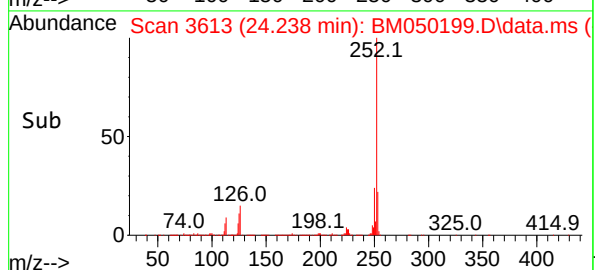
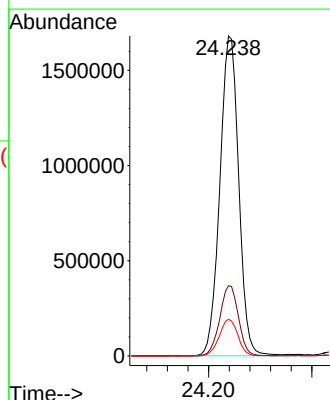
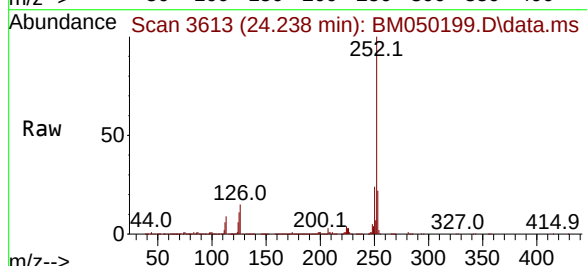
Tgt Ion:252 Resp: 4255236

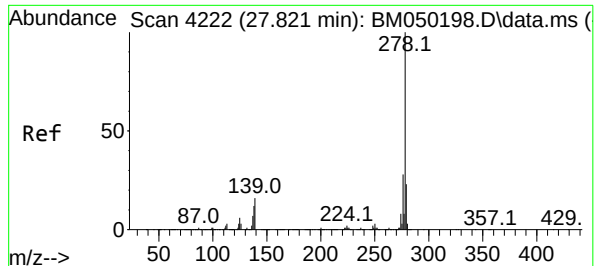
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.4 9.0 13.4

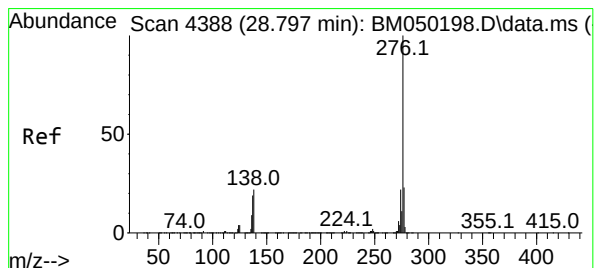
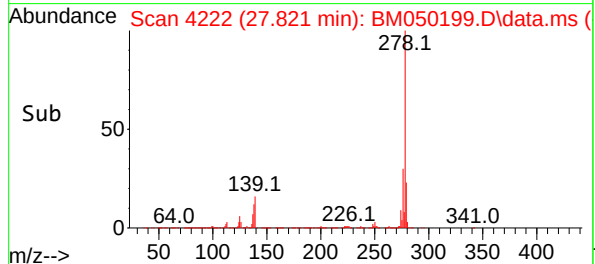
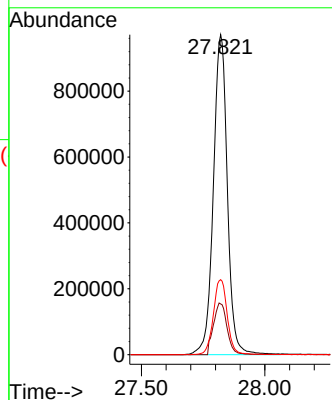
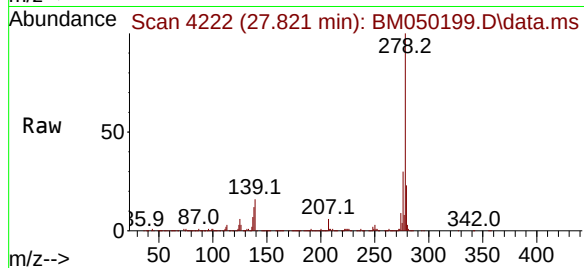




#91
Dibenzo(a,h)anthracene
Concen: 51.410 ng
RT: 27.821 min Scan# 4389
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

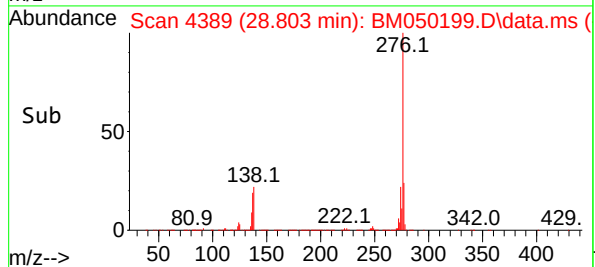
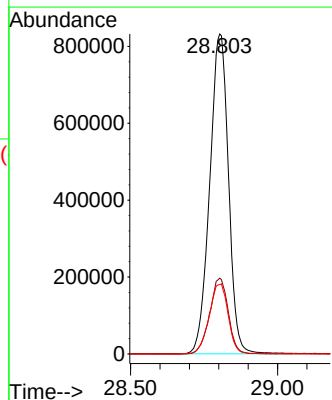
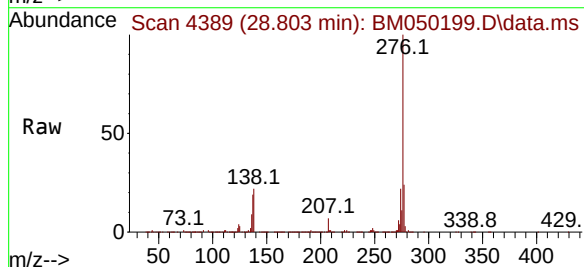
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 3820009
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 23.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 49.548 ng
RT: 28.803 min Scan# 4389
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Tgt Ion:276 Resp: 3684864
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 21.7 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050200.D
 Acq On : 05 Jun 2025 13:16
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Jun 05 14:59:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	258988	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	988400	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	551586	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	997337	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1056136	20.000	ng	0.00
86) Perylene-d12	24.374	264	1194662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1901282	122.462	ng	0.00
7) Phenol-d6	6.951	99	2424424	118.624	ng	0.00
23) Nitrobenzene-d5	8.939	82	2406327	126.617	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	772080	123.062	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4898196	120.225	ng	0.00
79) Terphenyl-d14	19.780	244	6053045	108.610	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	416291	61.170	ng	99
3) Pyridine	3.681	79	1079098	61.229	ng	100
4) n-Nitrosodimethylamine	3.599	42	227764	62.498	ng	99
6) Aniline	7.116	93	1603778	59.359	ng	100
8) 2-Chlorophenol	7.357	128	1039425	60.866	ng	98
9) Benzaldehyde	6.928	77	624366	48.050	ng	99
10) Phenol	6.981	94	1271828	58.814	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1006488	57.865	ng	98
12) 1,3-Dichlorobenzene	7.681	146	1154067	60.449	ng	99
13) 1,4-Dichlorobenzene	7.828	146	1184887	59.650	ng	99
14) 1,2-Dichlorobenzene	8.139	146	1126847	59.508	ng	100
15) Benzyl Alcohol	8.022	79	856127	58.731	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	670877	55.523	ng	98
17) 2-Methylphenol	8.222	107	836890	58.654	ng	100
18) Hexachloroethane	8.875	117	434277	60.370	ng	97
19) n-Nitroso-di-n-propyla...	8.598	70	703599	56.257	ng	99
20) 3+4-Methylphenols	8.551	107	1116126	58.468	ng	99
22) Acetophenone	8.604	105	1467978	59.449	ng	99
24) Nitrobenzene	8.981	77	1077660	62.349	ng	99
25) Isophorone	9.510	82	1934777	58.984	ng	100
26) 2-Nitrophenol	9.692	139	502043	67.289	ng	98
27) 2,4-Dimethylphenol	9.751	122	927674	60.457	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	1280678	59.764	ng	99
29) 2,4-Dichlorophenol	10.222	162	889620	62.710	ng	100
30) 1,2,4-Trichlorobenzene	10.439	180	977963	61.950	ng	99
31) Naphthalene	10.628	128	3038415	59.457	ng	100
32) Benzoic acid	9.881	122	624735	64.846	ng	98
33) 4-Chloroaniline	10.728	127	1304717	59.885	ng	100
34) Hexachlorobutadiene	10.928	225	584323	62.229	ng	99
35) Caprolactam	11.504	113	271534	60.374	ng	99
36) 4-Chloro-3-methylphenol	11.851	107	896859	59.248	ng	99
37) 2-Methylnaphthalene	12.239	142	1834221	59.497	ng	98
38) 1-Methylnaphthalene	12.457	142	1922042	58.741	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1003997	63.035	ng	99
41) Hexachlorocyclopentadiene	12.598	237	663873	68.632	ng	97
43) 2,4,6-Trichlorophenol	12.845	196	665409	63.528	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050200.D
 Acq On : 05 Jun 2025 13:16
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Jun 05 14:59:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

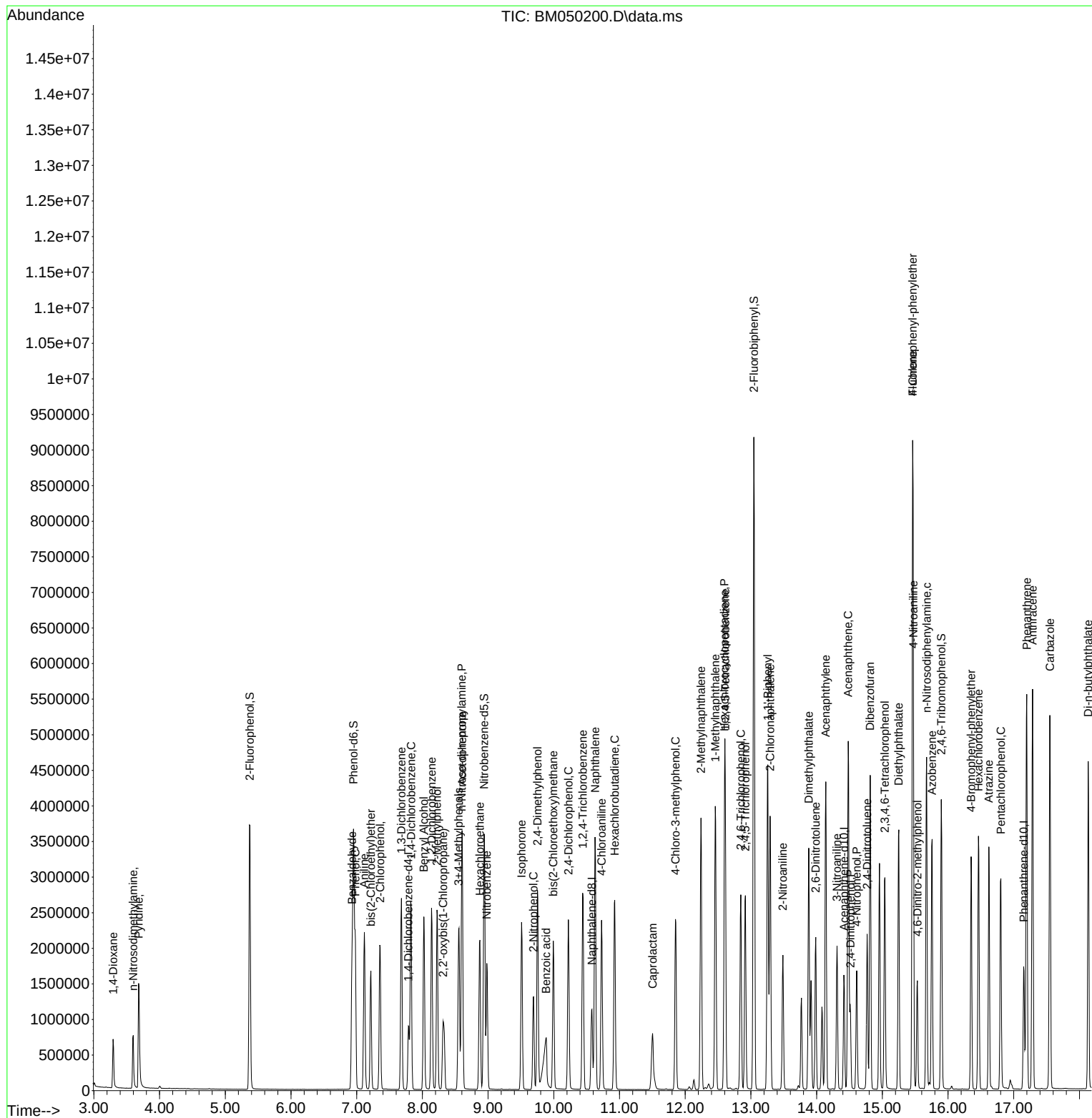
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	730617	63.531	ng	98
46) 1,1'-Biphenyl	13.257	154	2494729	60.402	ng	100
47) 2-Chloronaphthalene	13.292	162	1947861	60.663	ng	100
48) 2-Nitroaniline	13.486	65	479127	67.806	ng	98
49) Acenaphthylene	14.139	152	3183780	61.302	ng	100
50) Dimethylphthalate	13.880	163	2224786	59.640	ng	100
51) 2,6-Dinitrotoluene	13.986	165	490781	65.238	ng	99
52) Acenaphthene	14.480	154	1953486	60.136	ng	99
53) 3-Nitroaniline	14.310	138	555944	66.308	ng	100
54) 2,4-Dinitrophenol	14.516	184	265588	58.459	ng	92
55) Dibenzofuran	14.816	168	2844670	59.857	ng	100
56) 4-Nitrophenol	14.610	139	477024	66.846	ng	98
57) 2,4-Dinitrotoluene	14.768	165	659402	66.447	ng	99
58) Fluorene	15.463	166	2133522	58.613	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	614431	61.752	ng	93
60) Diethylphthalate	15.251	149	2180022	58.899	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1031087	58.610	ng	99
62) 4-Nitroaniline	15.474	138	528186	67.214	ng	99
63) Azobenzene	15.757	77	2177933	58.871	ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	359804	66.052	ng	97
66) n-Nitrosodiphenylamine	15.674	169	1911910	61.011	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	649254	61.046	ng	99
68) Hexachlorobenzene	16.462	284	761552	61.287	ng	99
69) Atrazine	16.621	200	634737	63.570	ng	98
70) Pentachlorophenol	16.804	266	528095	65.368	ng	99
71) Phenanthrene	17.198	178	3421380	60.051	ng	100
72) Anthracene	17.286	178	3485282	61.148	ng	100
73) Carbazole	17.551	167	3246806	62.528	ng	100
74) Di-n-butylphthalate	18.133	149	3550989	62.851	ng	100
75) Fluoranthene	19.209	202	3841414	63.934	ng	100
77) Benzidine	19.392	184	1902050	64.043	ng	100
78) Pyrene	19.568	202	4035214	56.687	ng	100
80) Butylbenzylphthalate	20.480	149	1522384	64.115	ng	97
81) Benzo(a)anthracene	21.368	228	4055461	60.666	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1424421	69.874	ng	100
83) Chrysene	21.433	228	3854906	60.623	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	2349225	64.231	ng	100
85) Di-n-octyl phthalate	22.462	149	3946065	72.708	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	5275171	68.579	ng	# 92
88) Benzo(b)fluoranthene	23.433	252	4222358	60.790	ng	99
89) Benzo(k)fluoranthene	23.503	252	4265446	60.156	ng	100
90) Benzo(a)pyrene	24.238	252	4132525	63.280	ng	100
91) Dibenzo(a,h)anthracene	27.821	278	4258292	68.201	ng	99
92) Benzo(g,h,i)perylene	28.809	276	4279836	68.486	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050200.D
 Acq On : 05 Jun 2025 13:16
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

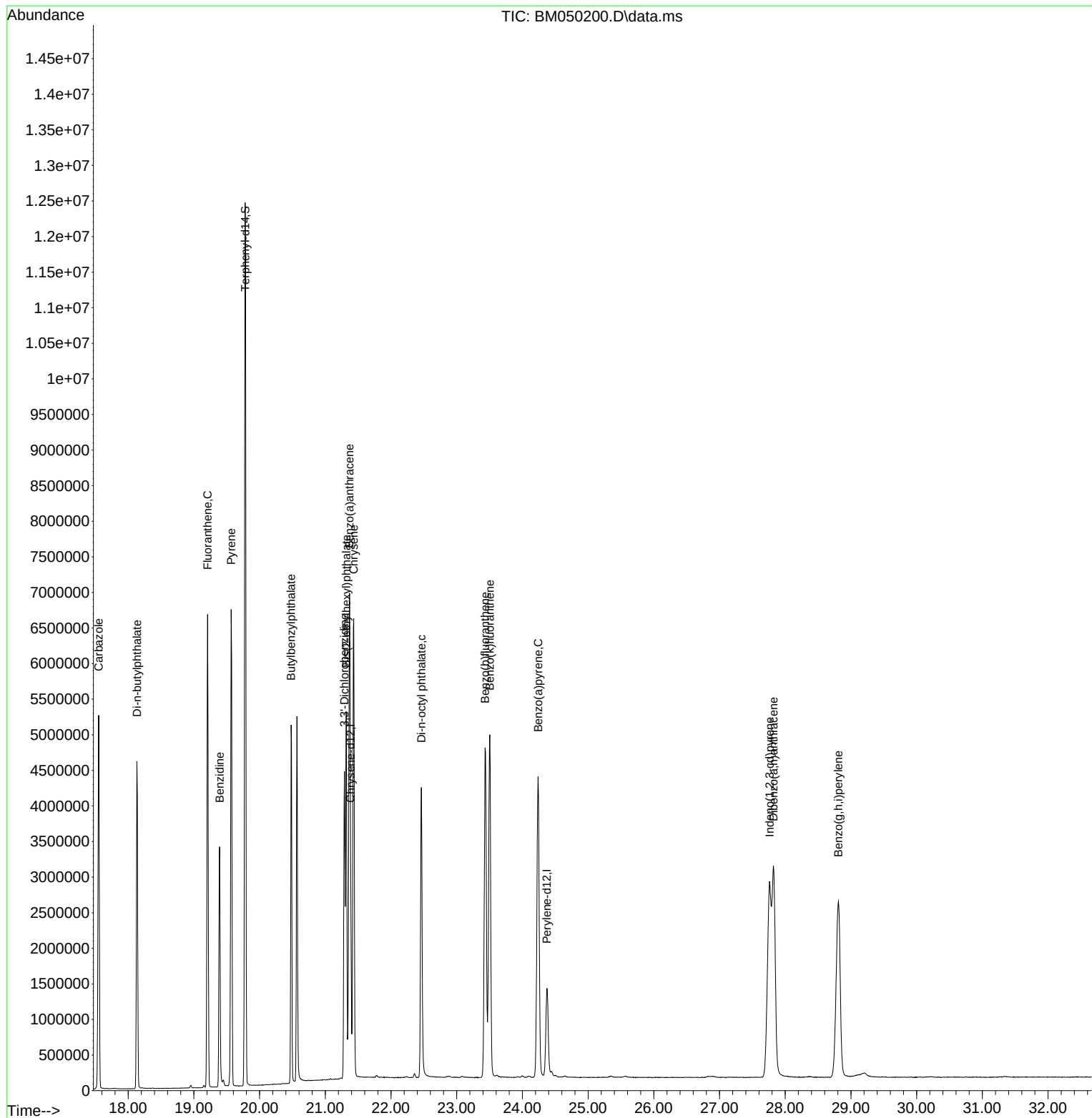
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 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

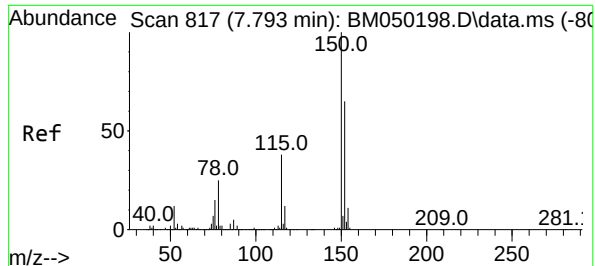


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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Time: Jun 05 14:59:27 2025
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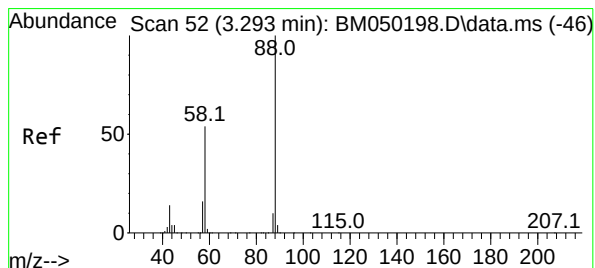
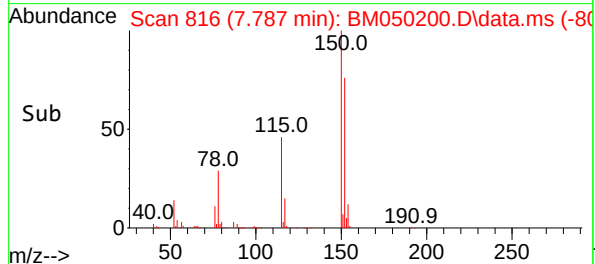
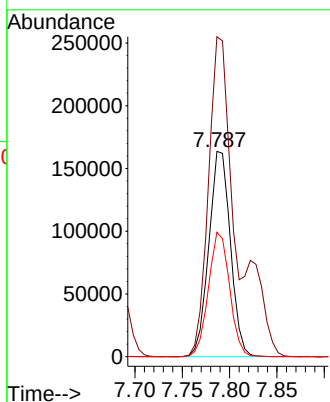
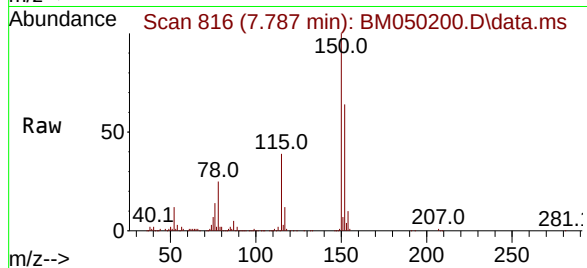




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

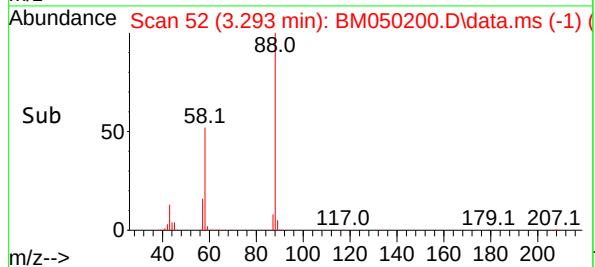
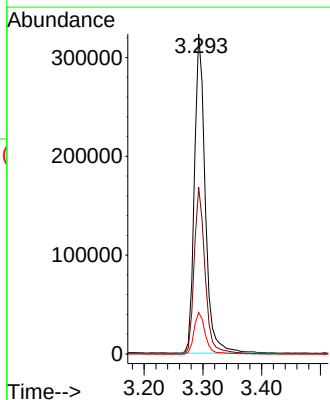
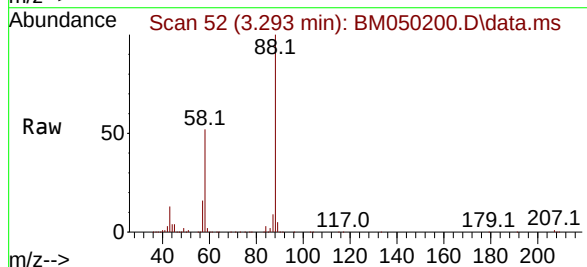
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ClientSampleId :
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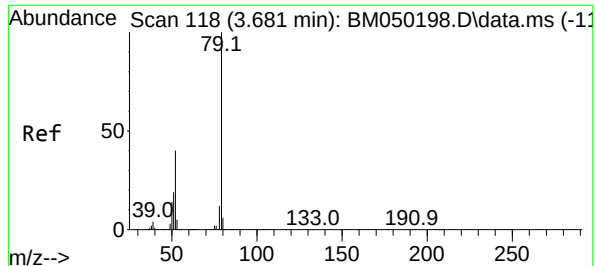
Tgt Ion:152 Resp: 258988
Ion Ratio Lower Upper
152 100
150 155.9 122.2 183.4
115 60.6 46.3 69.5



#2
1,4-Dioxane
Concen: 61.170 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 88 Resp: 416291
Ion Ratio Lower Upper
88 100
58 52.4 42.9 64.3
43 13.5 11.0 16.6

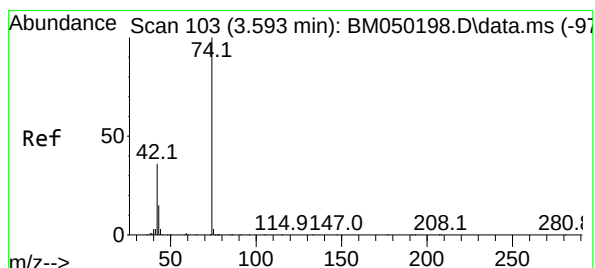
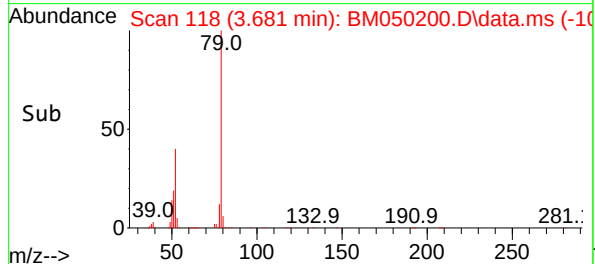
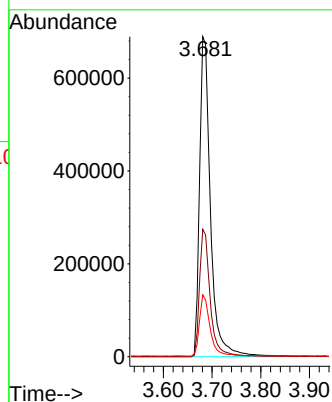
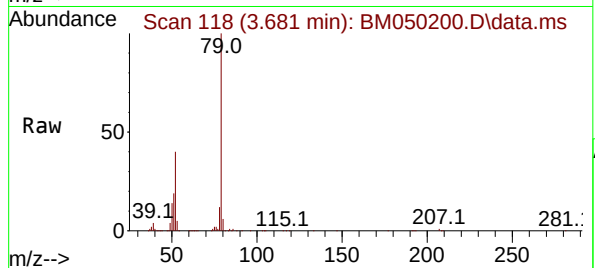




#3
Pyridine
Concen: 61.229 ng
RT: 3.681 min Scan# 118
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

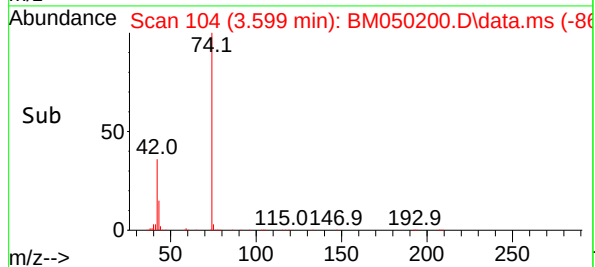
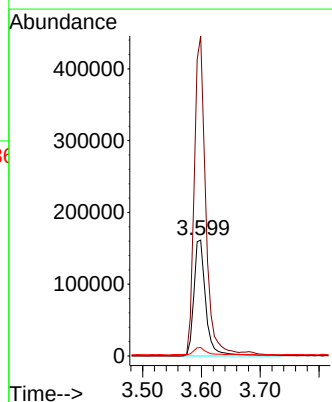
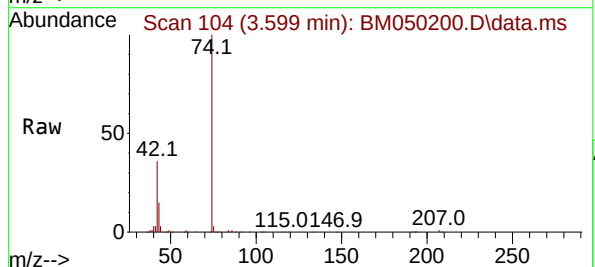
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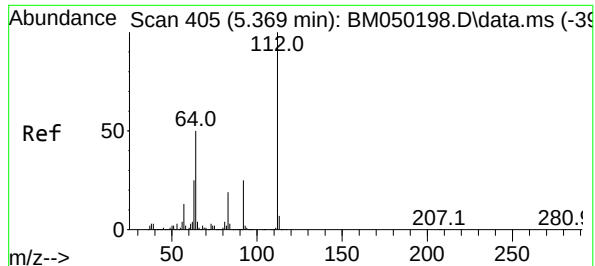
Tgt Ion: 79 Resp: 1079098
Ion Ratio Lower Upper
79 100
52 39.8 32.1 48.1
51 19.4 15.4 23.0



#4
n-Nitrosodimethylamine
Concen: 62.498 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 42 Resp: 227764
Ion Ratio Lower Upper
42 100
74 276.4 222.0 333.0
44 7.4 7.0 10.6

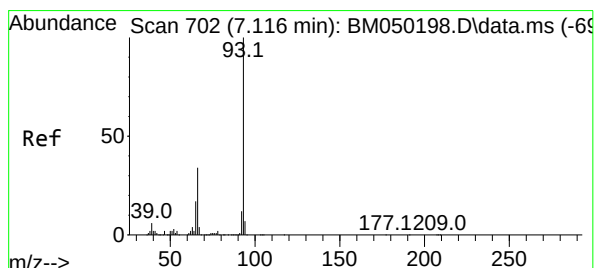
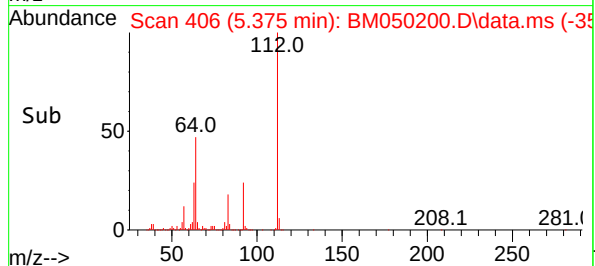
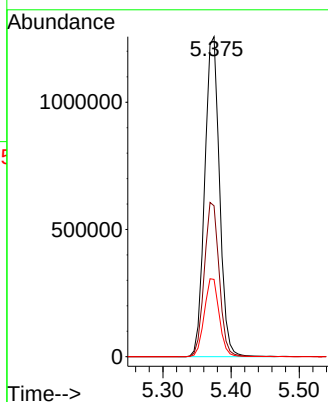
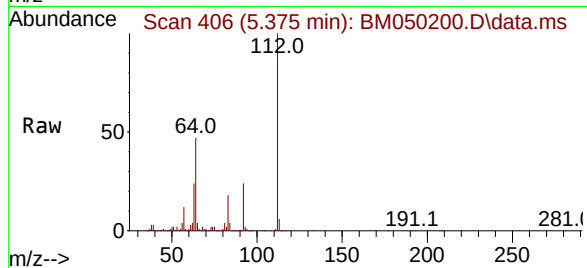




#5
2-Fluorophenol
Concen: 122.462 ng
RT: 5.375 min Scan# 405
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

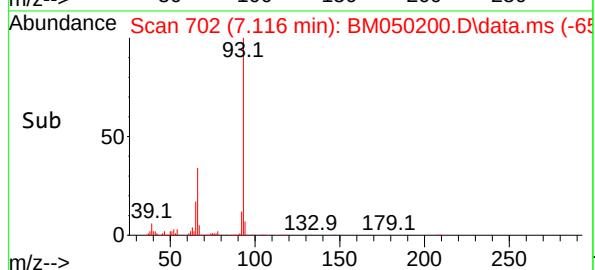
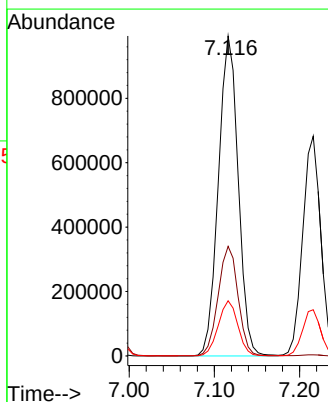
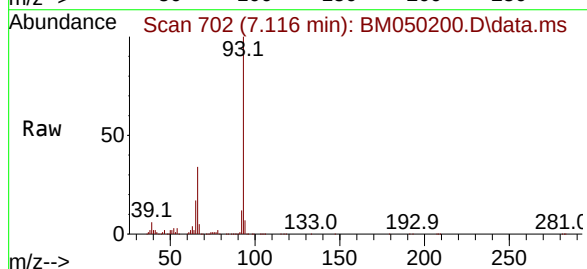
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

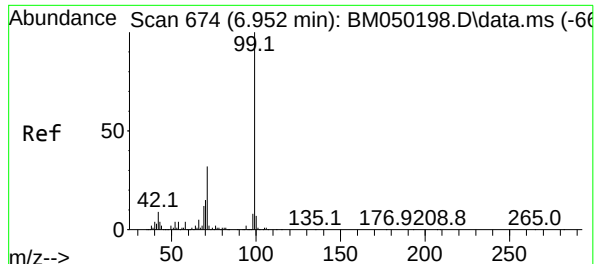
Tgt Ion:112 Resp: 1901282
Ion Ratio Lower Upper
112 100
64 47.1 39.8 59.6
63 24.2 19.8 29.8



#6
Aniline
Concen: 59.359 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 93 Resp: 1603778
Ion Ratio Lower Upper
93 100
66 34.2 27.4 41.2
65 17.3 13.6 20.4

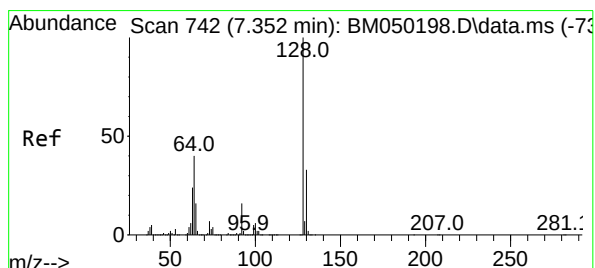
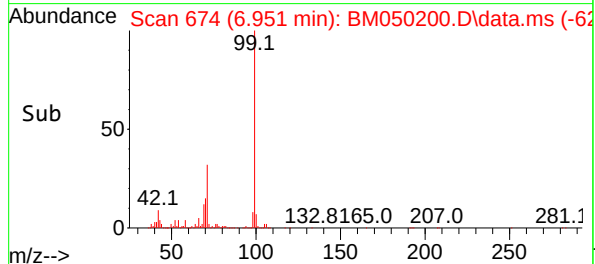
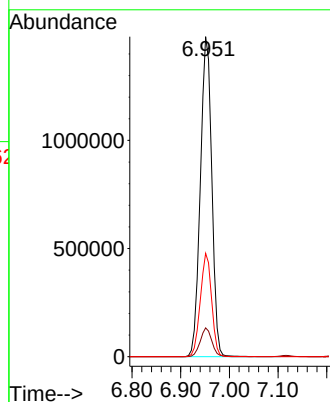
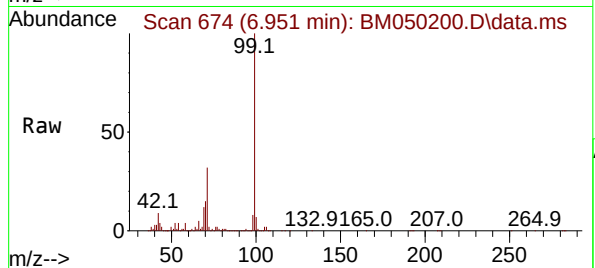




#7
Phenol-d6
Concen: 118.624 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

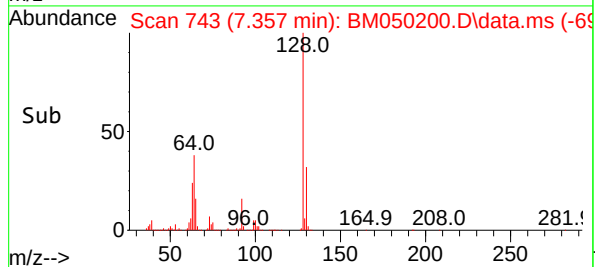
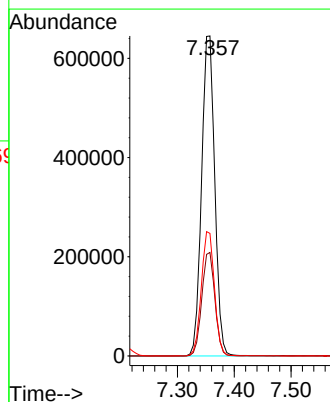
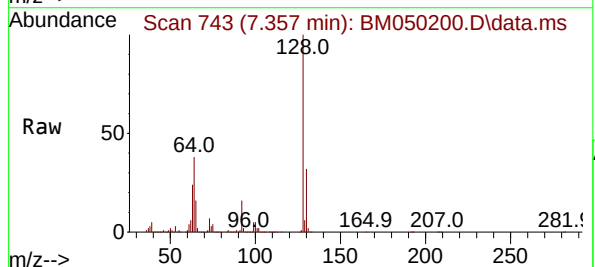
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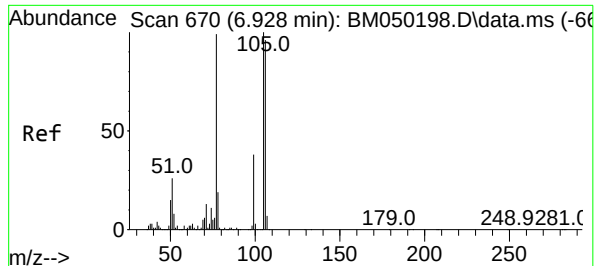
Tgt Ion: 99 Resp: 2424424
Ion Ratio Lower Upper
99 100
42 9.0 6.9 10.3
71 32.3 25.3 37.9



#8
2-Chlorophenol
Concen: 60.866 ng
RT: 7.357 min Scan# 743
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 128 Resp: 1039425
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 38.3 19.8 59.8

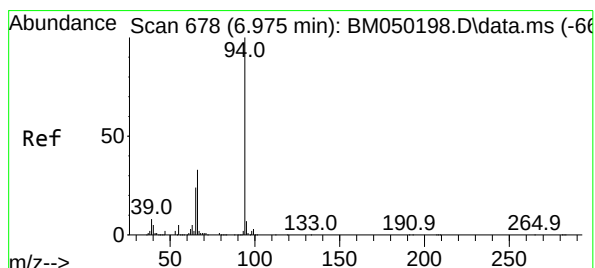
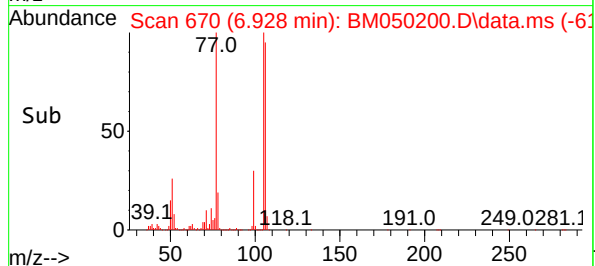
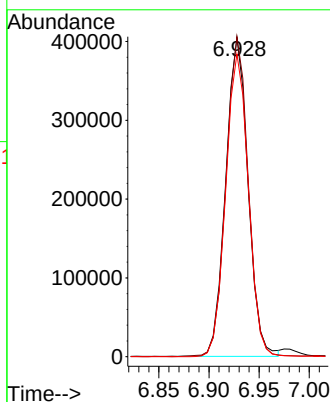
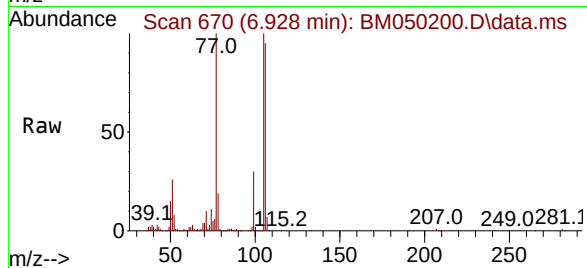




#9
Benzaldehyde
Concen: 48.050 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

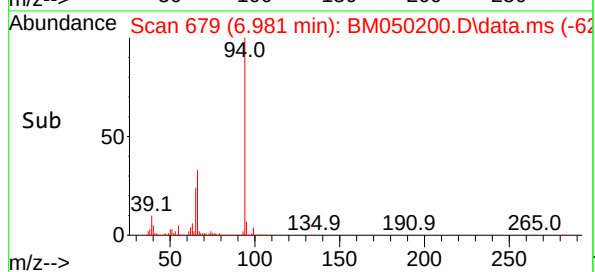
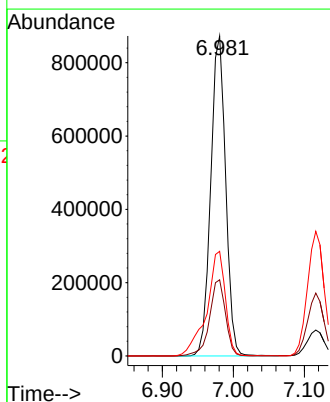
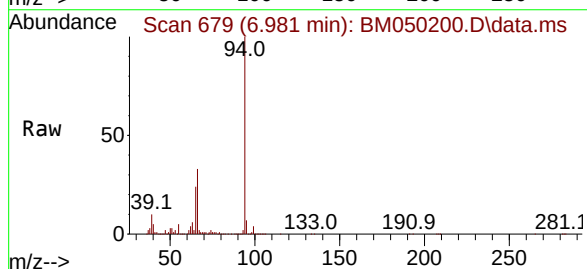
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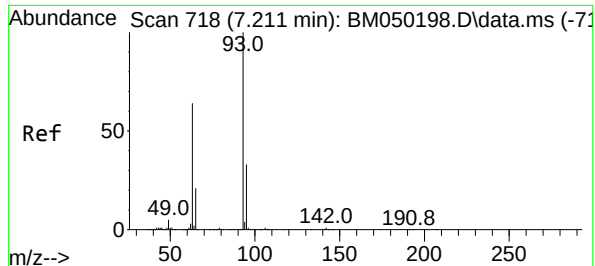
Tgt Ion: 77 Resp: 624366
Ion Ratio Lower Upper
77 100
105 100.4 80.9 120.9
106 95.0 77.1 117.1



#10
Phenol
Concen: 58.814 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 94 Resp: 1271828
Ion Ratio Lower Upper
94 100
65 23.8 4.3 44.3
66 32.7 12.9 52.9

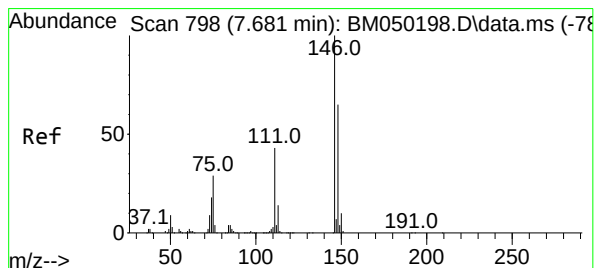
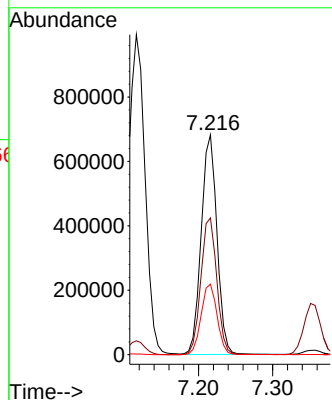
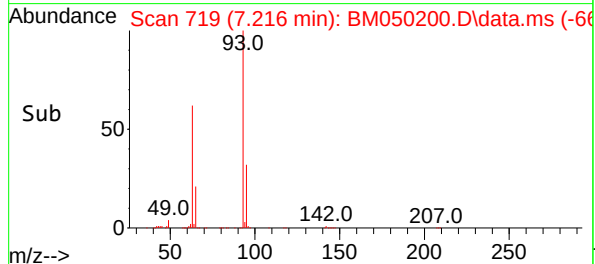
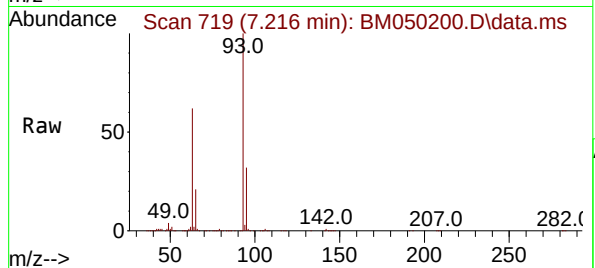




#11
bis(2-Chloroethyl)ether
Concen: 57.865 ng
RT: 7.216 min Scan# 719
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

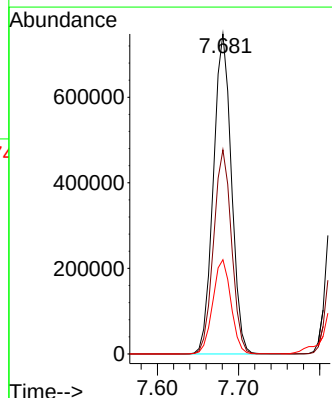
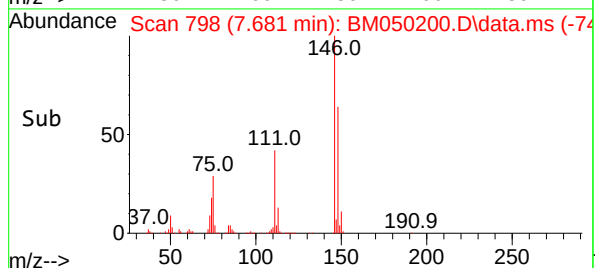
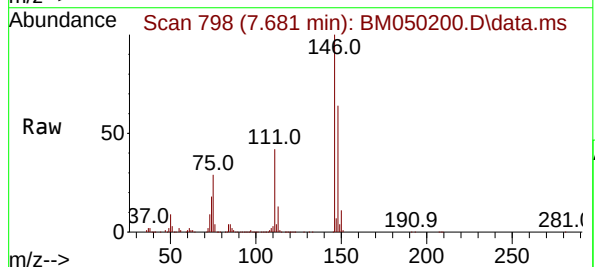
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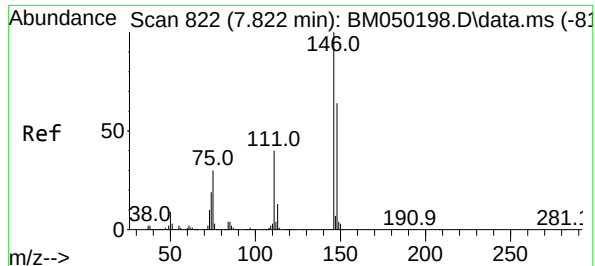
Tgt Ion: 93 Resp: 1006488
Ion Ratio Lower Upper
93 100
63 62.2 43.9 83.9
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 60.449 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 146 Resp: 1154067
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 29.4 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 59.650 ng

RT: 7.828 min Scan# 81

Delta R.T. 0.005 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

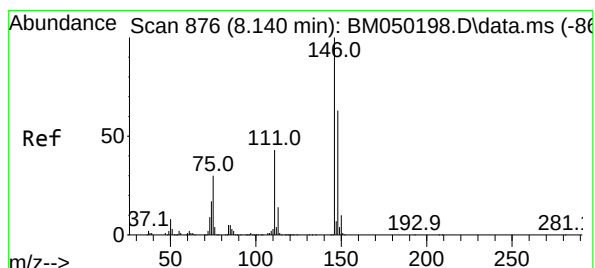
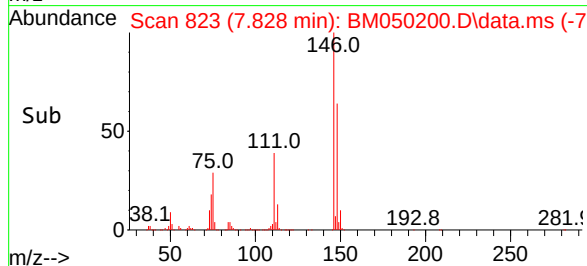
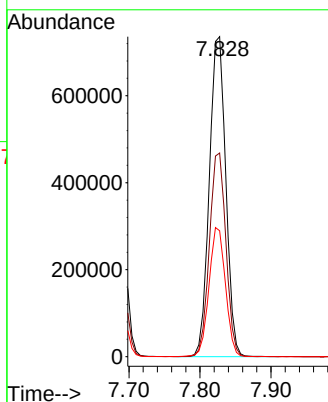
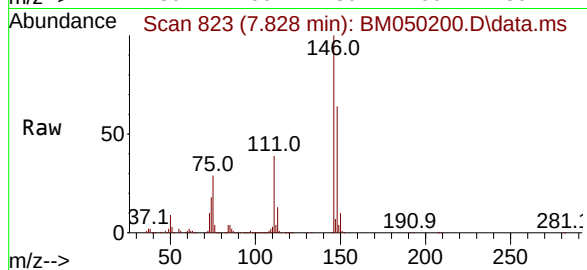
Tgt Ion:146 Resp: 1184887

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 39.4 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 59.508 ng

RT: 8.139 min Scan# 876

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

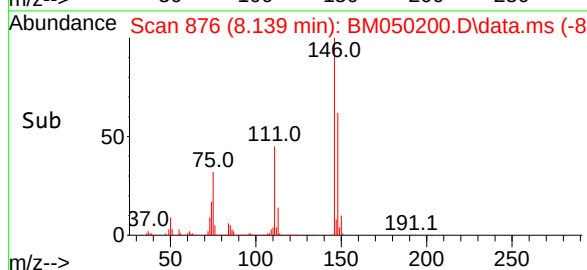
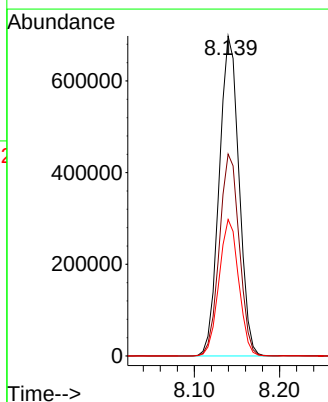
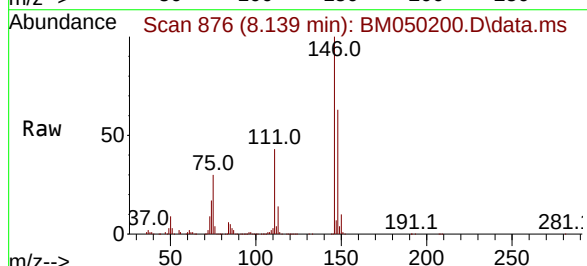
Tgt Ion:146 Resp: 1126847

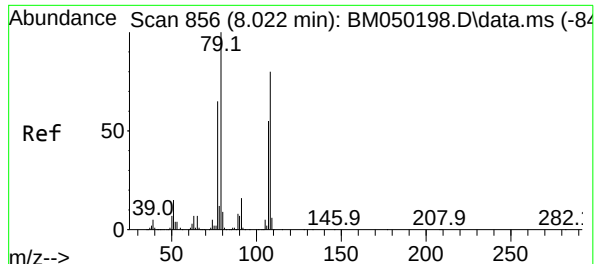
Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

111 42.6 34.3 51.5

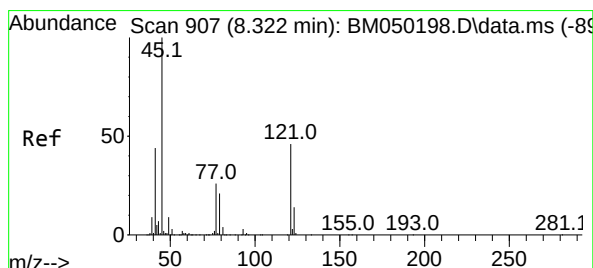
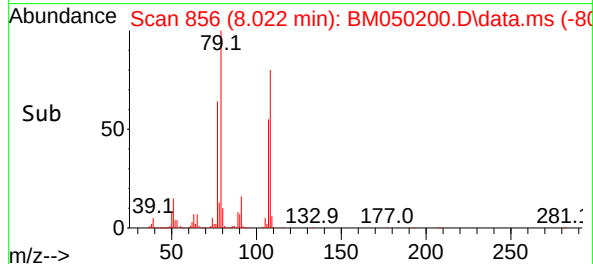
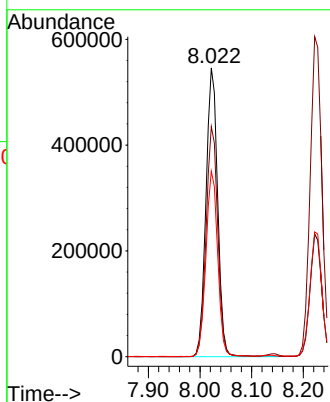
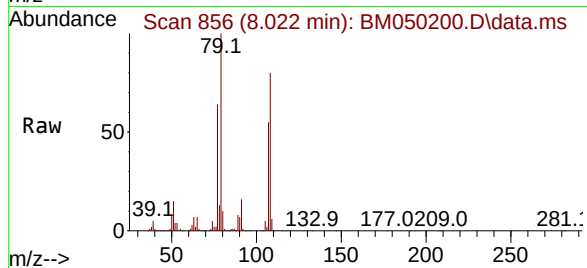




#15
Benzyl Alcohol
Concen: 58.731 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

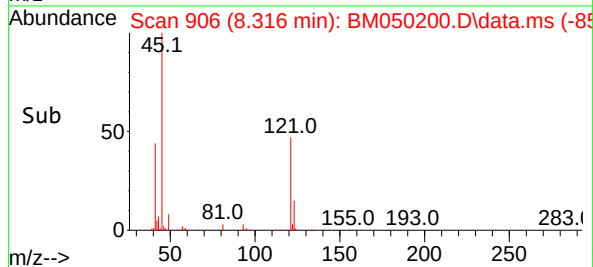
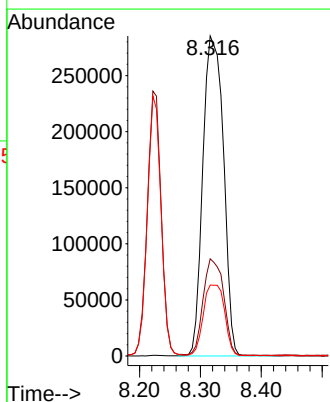
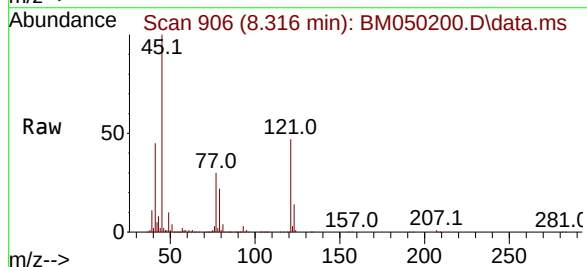
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

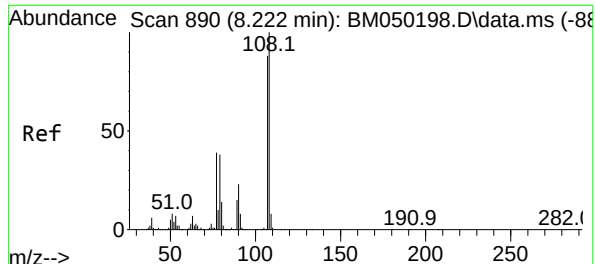
Tgt Ion: 79 Resp: 856127
Ion Ratio Lower Upper
79 100
108 79.7 64.0 96.0
77 64.2 52.2 78.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 55.523 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 45 Resp: 670877
Ion Ratio Lower Upper
45 100
77 30.4 8.7 48.7
79 22.1 2.7 42.7





#17

2-Methylphenol

Concen: 58.654 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050200.D

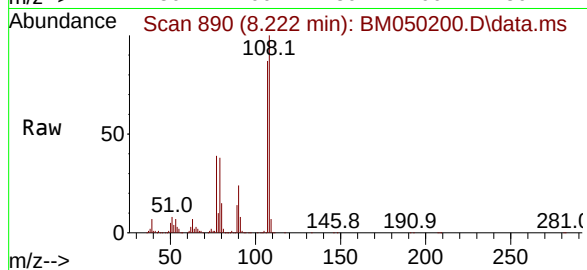
Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

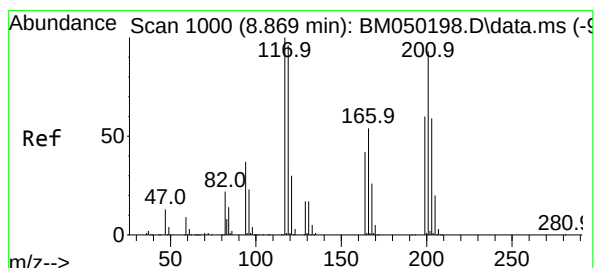
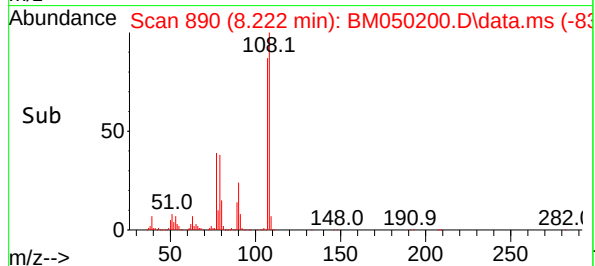
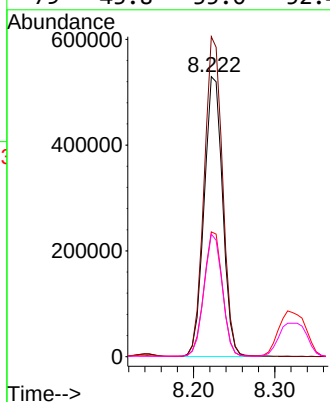
ClientSampleId :

SSTDICC060



Tgt Ion:107 Resp: 836890

Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.8	136.2
77	44.6	35.7	53.5
79	43.8	35.0	52.4



#18

Hexachloroethane

Concen: 60.370 ng

RT: 8.875 min Scan# 1001

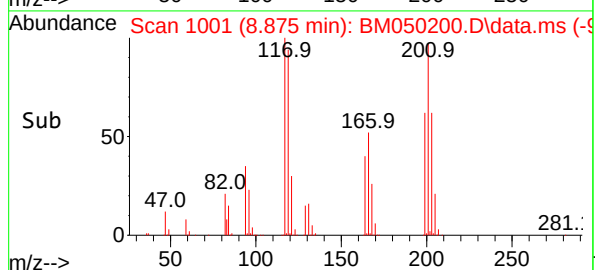
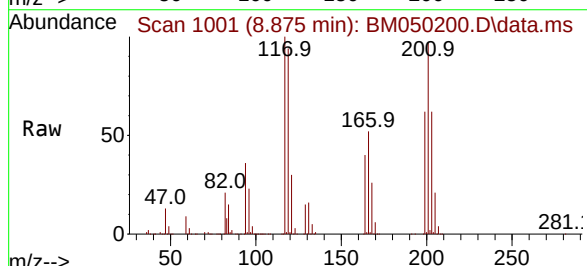
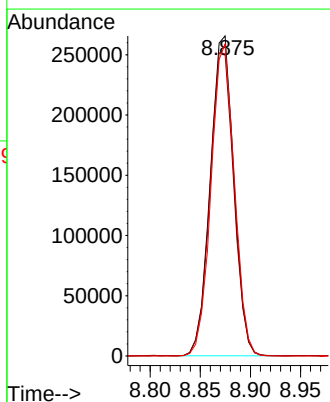
Delta R.T. 0.005 min

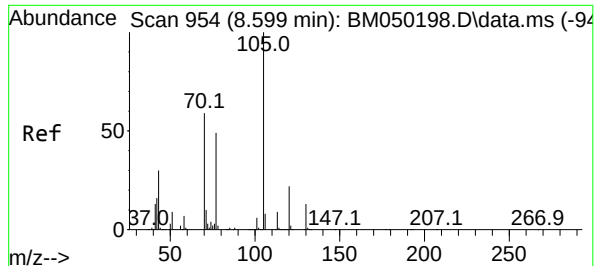
Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Tgt Ion:117 Resp: 434277

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.0	115.6
201	97.5	74.6	111.8

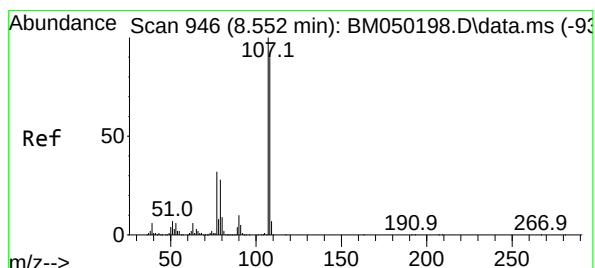
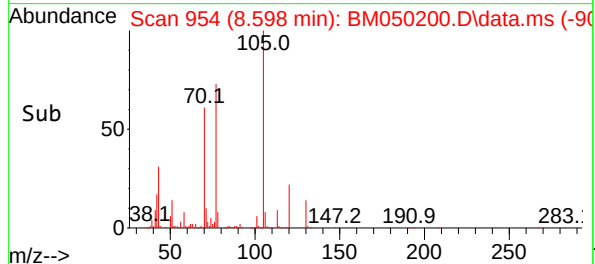
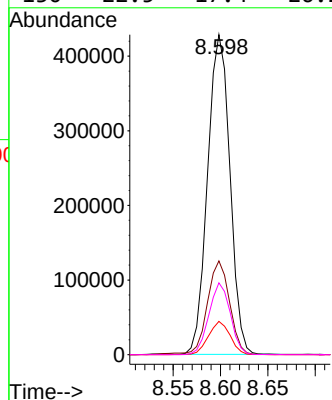
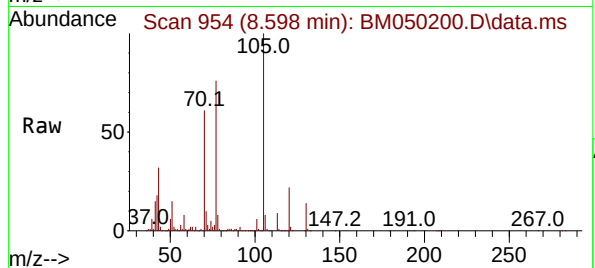




#19
n-Nitroso-di-n-propylamine
Concen: 56.257 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

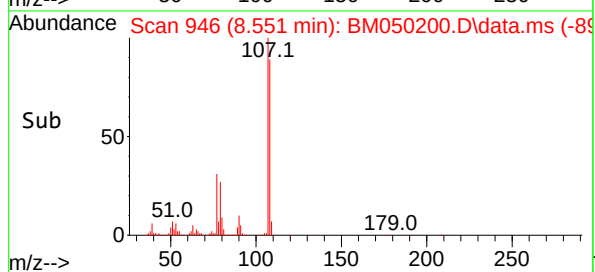
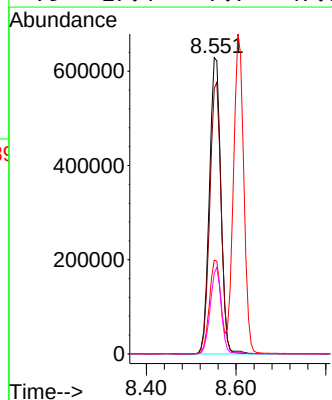
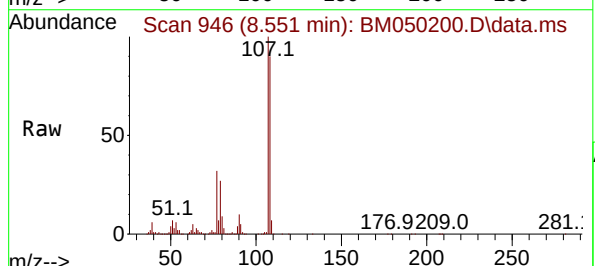
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

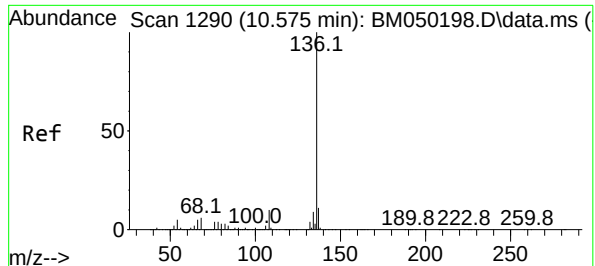
Tgt Ion: 70 Resp: 703599
Ion Ratio Lower Upper
70 100
42 29.3 22.6 33.8
101 10.4 8.3 12.5
130 22.5 17.4 26.2



#20
3+4-Methylphenols
Concen: 58.468 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 107 Resp: 1116126
Ion Ratio Lower Upper
107 100
108 89.6 70.4 110.4
77 31.7 12.2 52.2
79 27.4 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.580 min Scan# 1291

Delta R.T. 0.005 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 988400

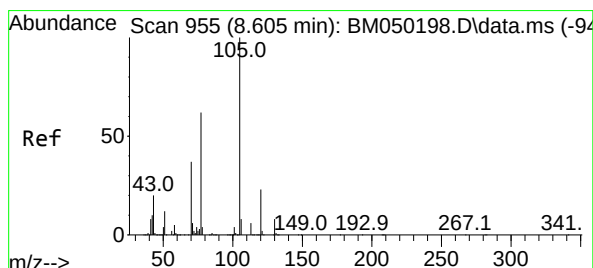
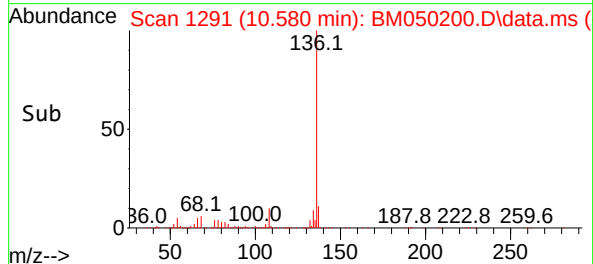
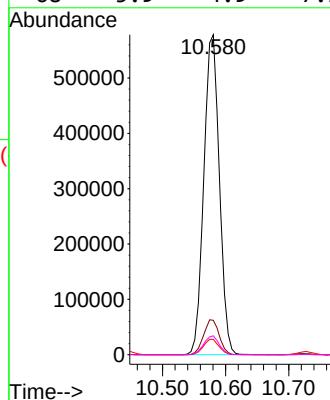
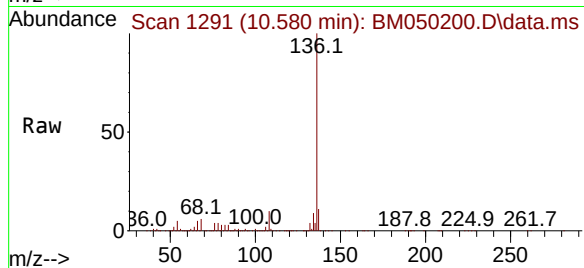
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 4.8 3.8 5.8

68 5.9 4.9 7.3



#22

Acetophenone

Concen: 59.449 ng

RT: 8.604 min Scan# 955

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Tgt Ion:105 Resp: 1467978

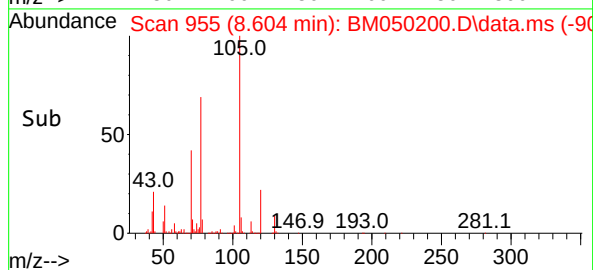
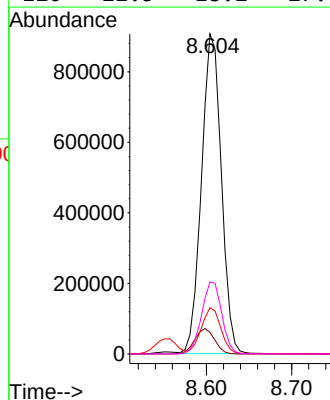
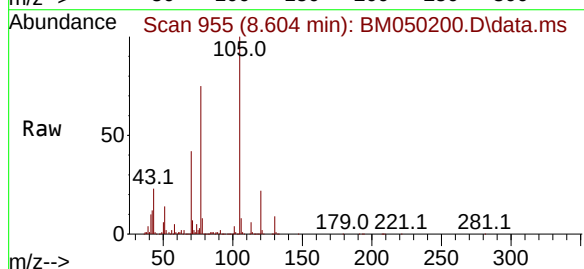
Ion Ratio Lower Upper

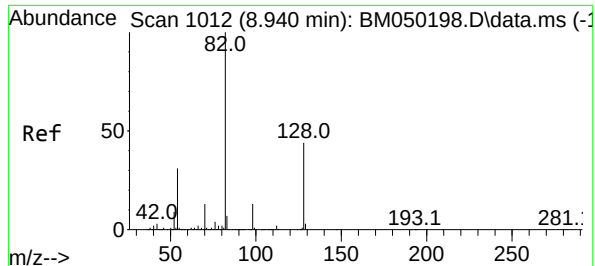
105 100

71 6.8 5.0 7.4

51 14.5 11.4 17.2

120 22.5 18.2 27.4

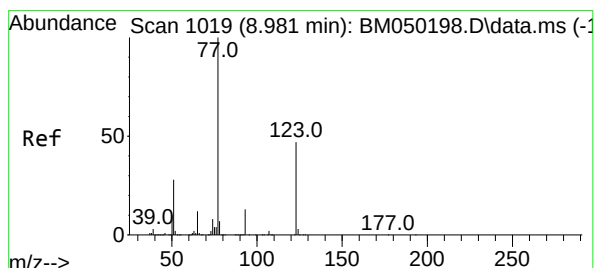
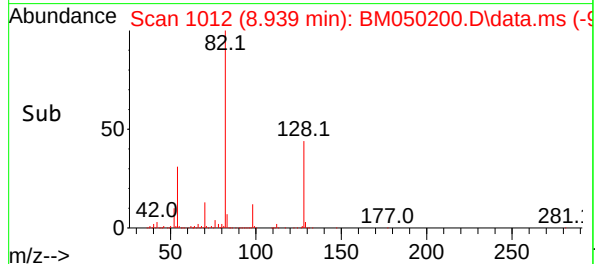
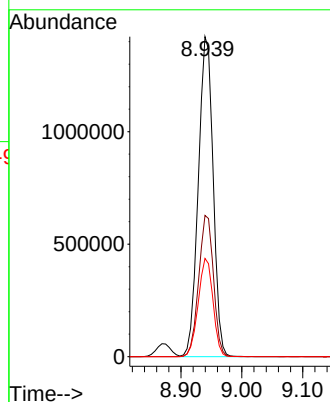
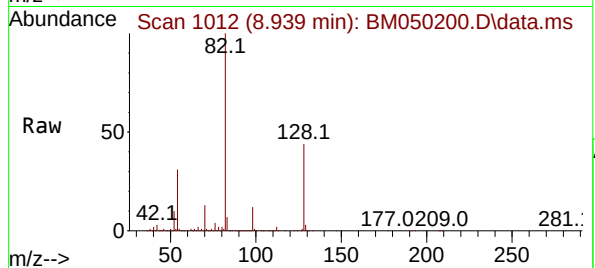




#23
Nitrobenzene-d5
Concen: 126.617 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

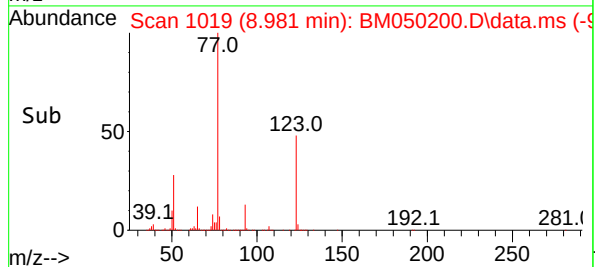
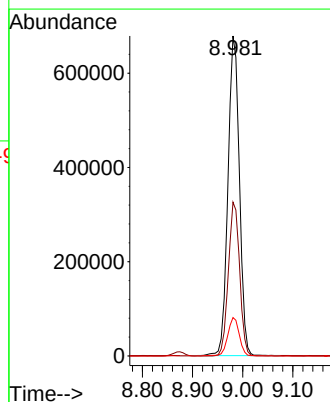
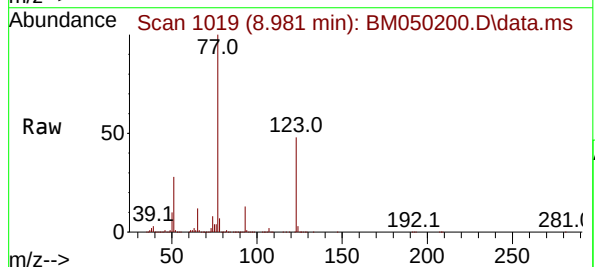
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

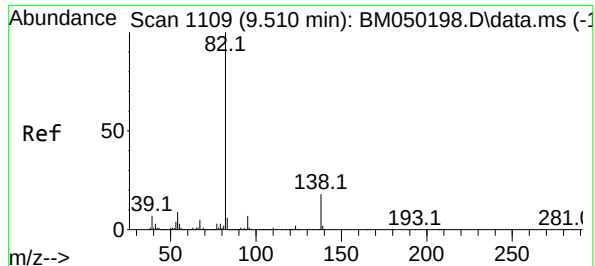
Tgt Ion: 82 Resp: 2406327
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 30.7 24.5 36.7



#24
Nitrobenzene
Concen: 62.349 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 77 Resp: 1077660
Ion Ratio Lower Upper
77 100
123 48.1 38.2 57.2
65 12.0 9.5 14.3

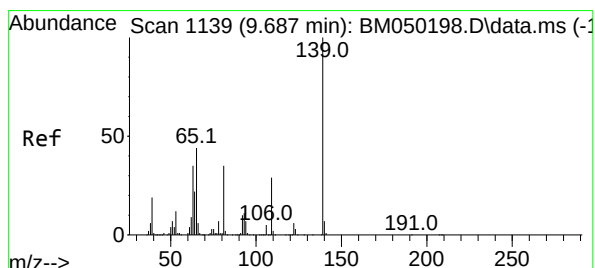
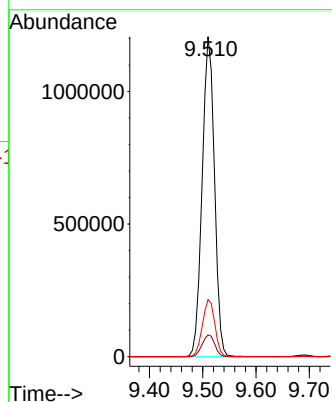
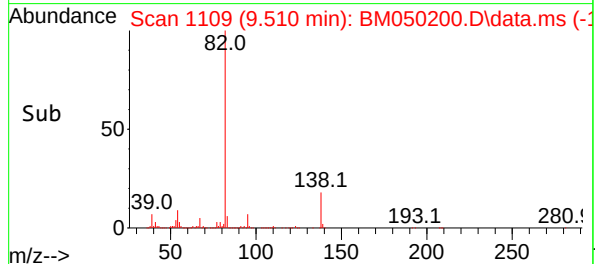
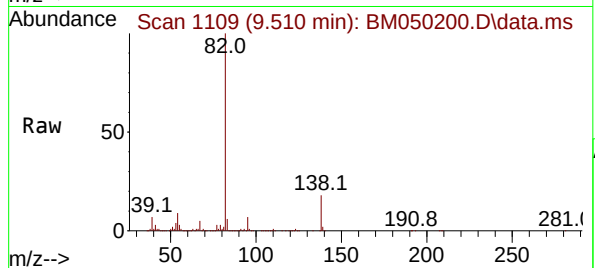




#25
Isophorone
Concen: 58.984 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

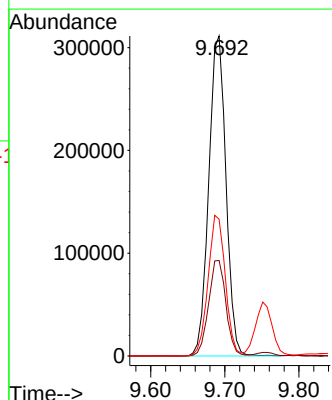
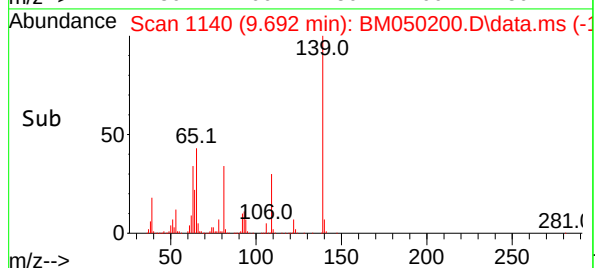
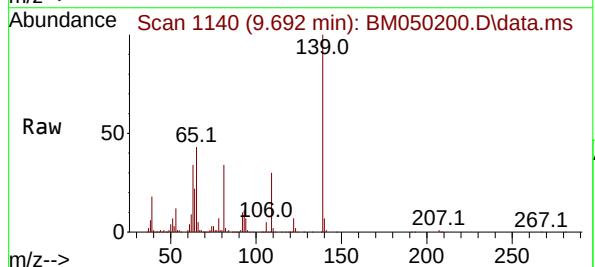
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

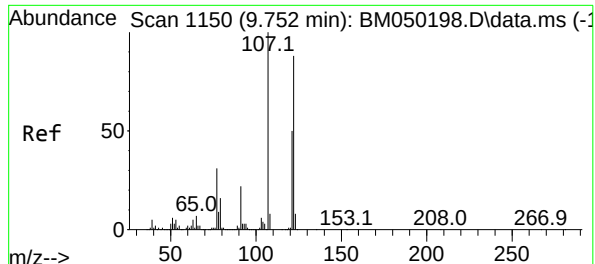
Tgt Ion: 82 Resp: 1934777
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.8 14.2 21.2



#26
2-Nitrophenol
Concen: 67.289 ng
RT: 9.692 min Scan# 1140
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:139 Resp: 502043
Ion Ratio Lower Upper
139 100
109 29.9 23.3 34.9
65 42.7 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 60.457 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

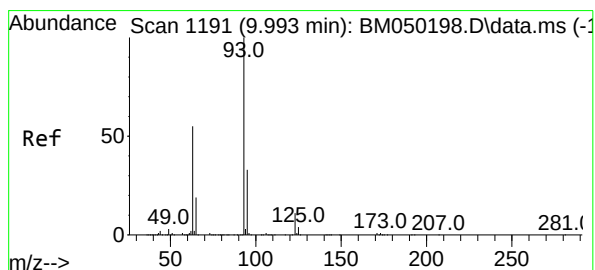
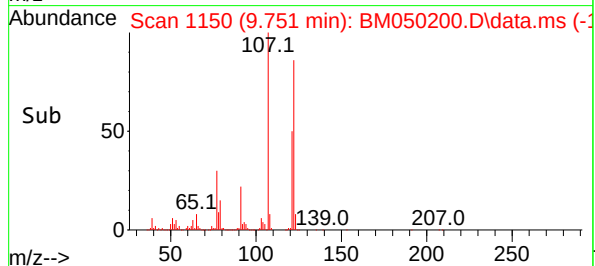
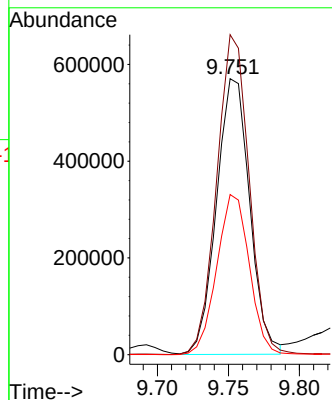
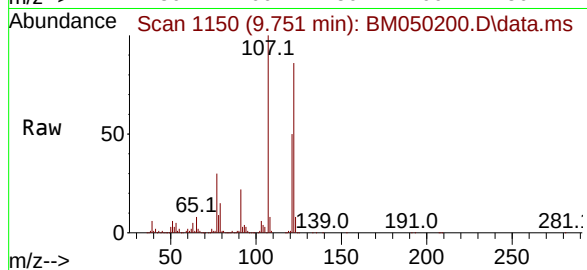
Tgt Ion:122 Resp: 927674

Ion Ratio Lower Upper

122 100

107 115.9 91.0 136.6

121 58.0 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 59.764 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

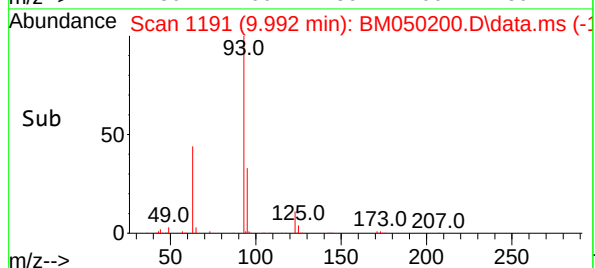
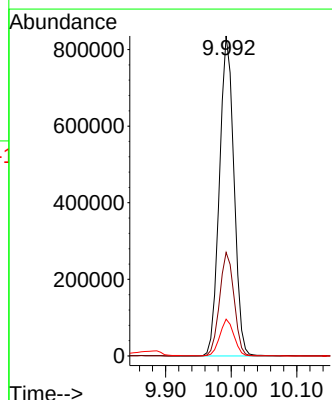
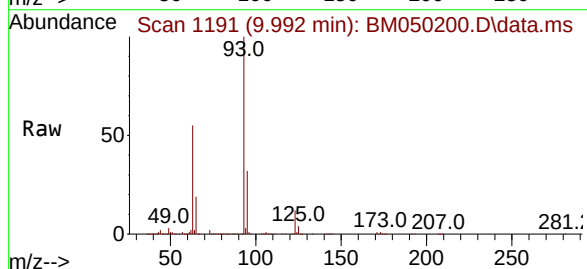
Tgt Ion: 93 Resp: 1280678

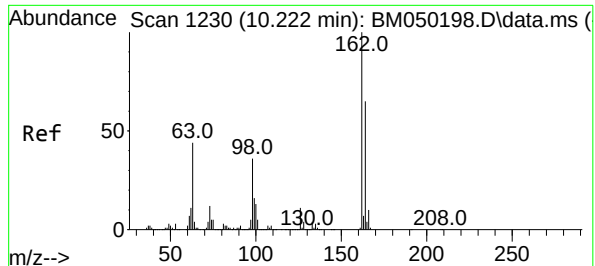
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 62.710 ng

RT: 10.222 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

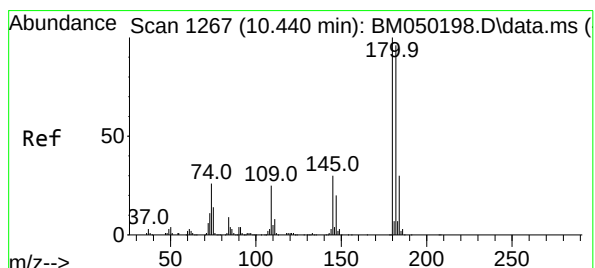
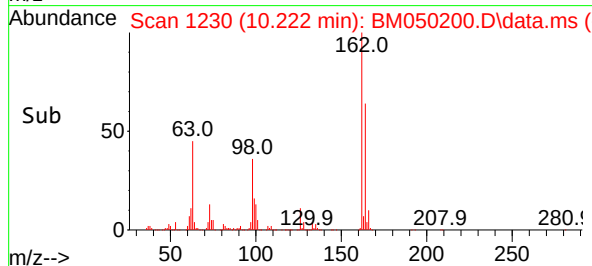
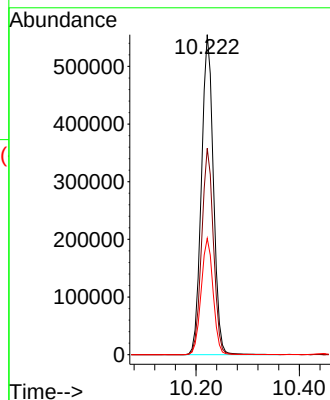
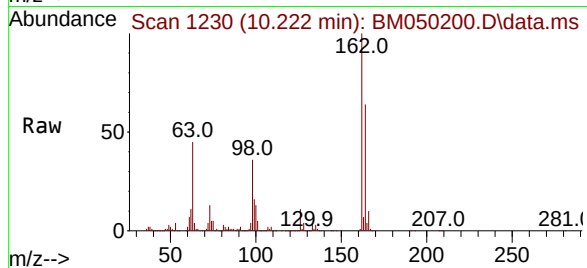
Tgt Ion:162 Resp: 889620

Ion Ratio Lower Upper

162 100

164 64.5 45.0 85.0

98 36.4 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 61.950 ng

RT: 10.439 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

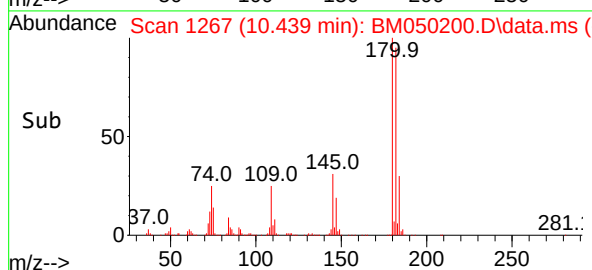
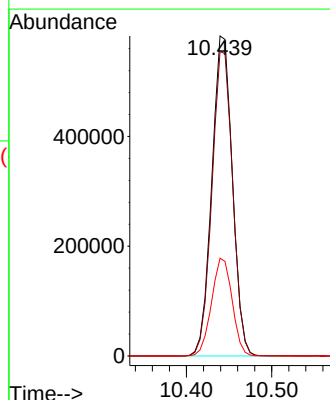
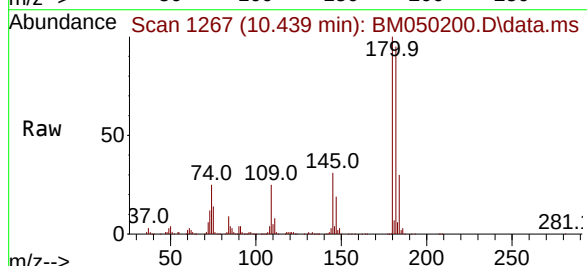
Tgt Ion:180 Resp: 977963

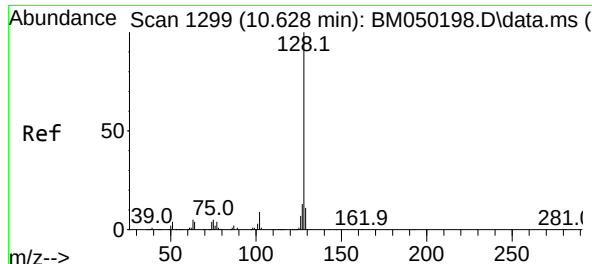
Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

145 30.5 24.2 36.4

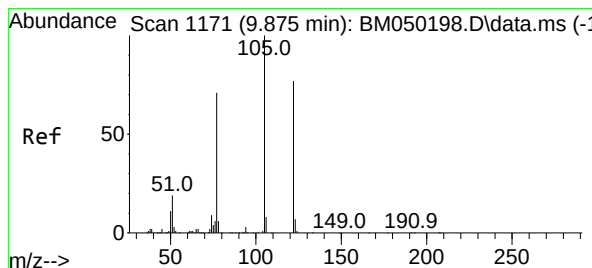
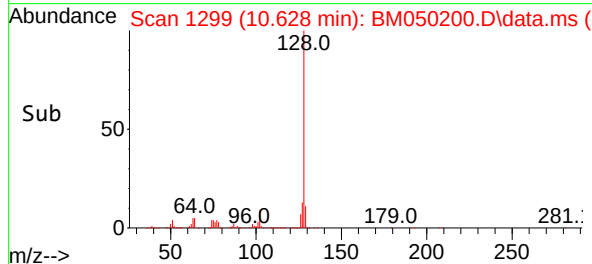
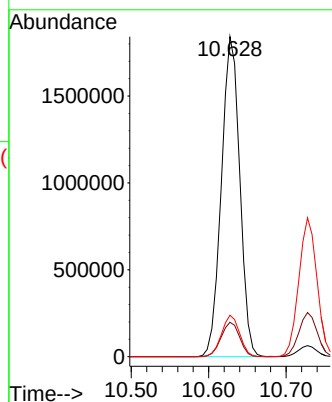
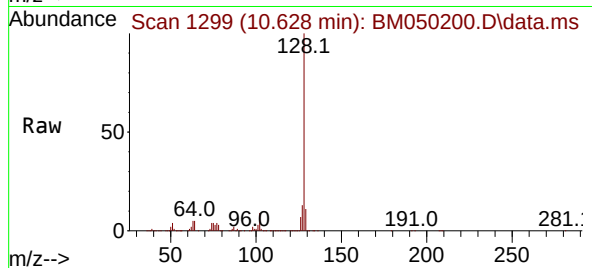




#31
Naphthalene
Concen: 59.457 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

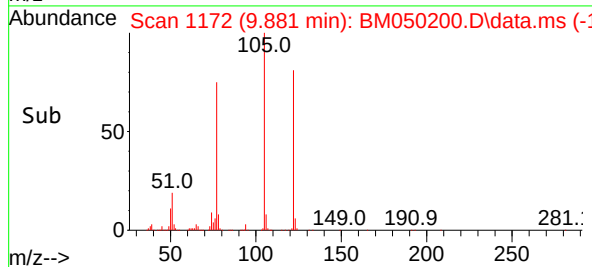
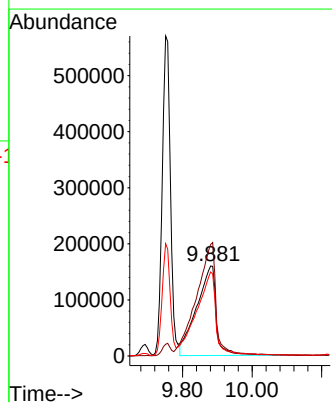
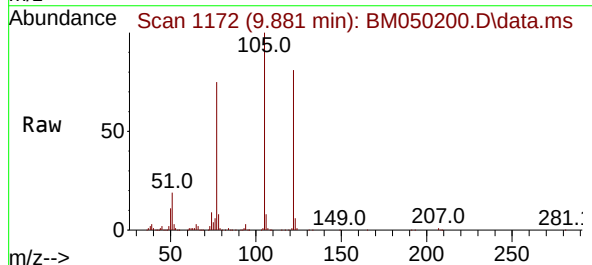
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

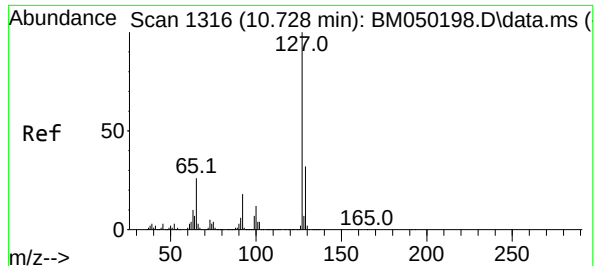
Tgt Ion:128 Resp: 3038415
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 64.846 ng
RT: 9.881 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:122 Resp: 624735
Ion Ratio Lower Upper
122 100
105 123.7 103.4 143.4
77 93.3 70.3 110.3



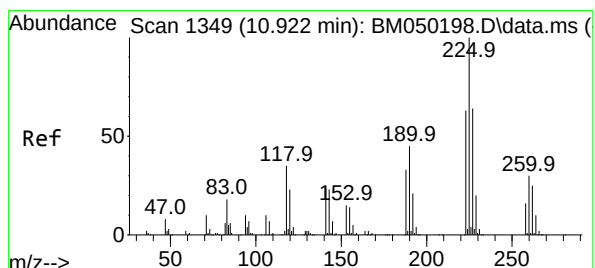
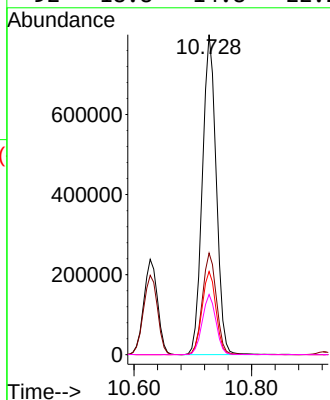
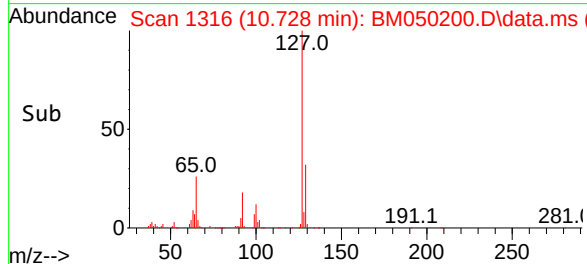
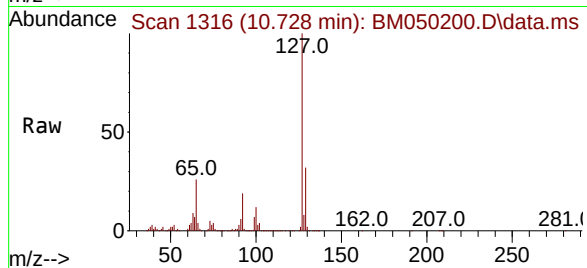


#33
4-Chloroaniline
Concen: 59.885 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1304717

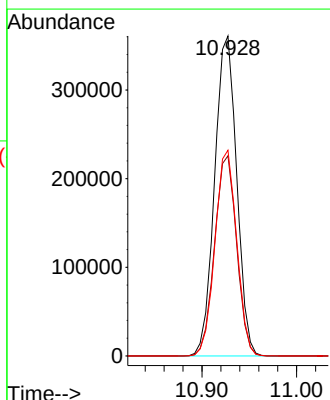
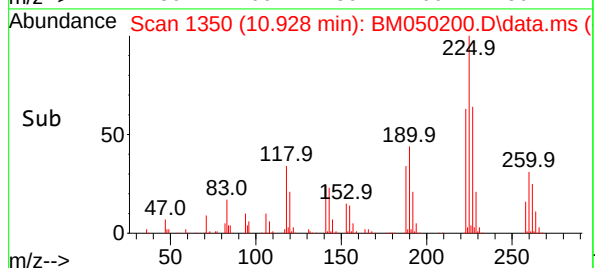
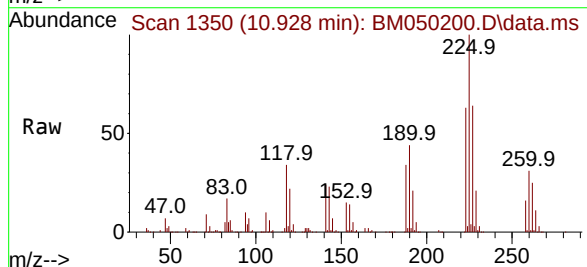
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.0
65	26.0	21.0	31.4
92	18.8	14.8	22.2

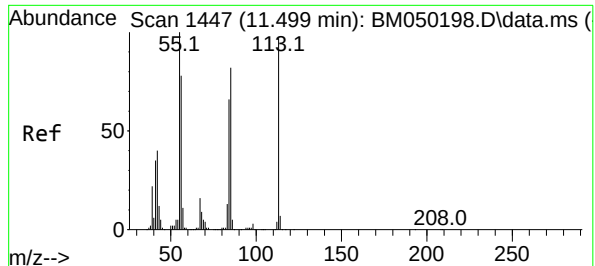


#34
Hexachlorobutadiene
Concen: 62.229 ng
RT: 10.928 min Scan# 1350
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:225 Resp: 584323

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	64.3	51.0	76.4

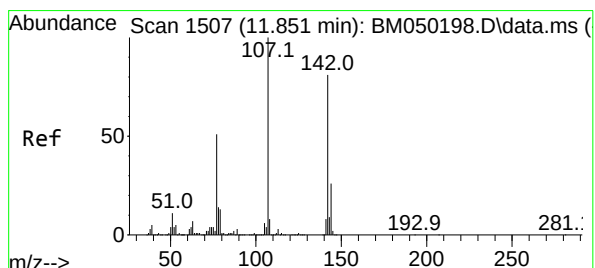
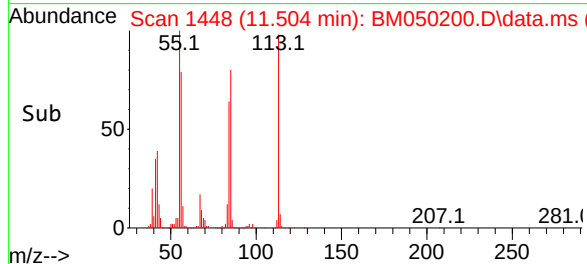
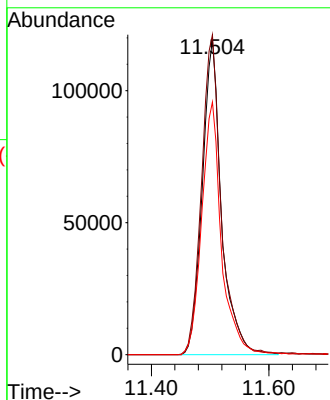
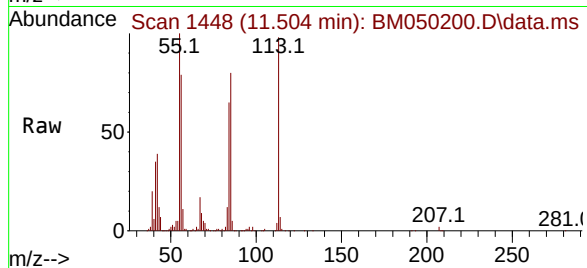




#35
Caprolactam
Concen: 60.374 ng
RT: 11.504 min Scan# 1448
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

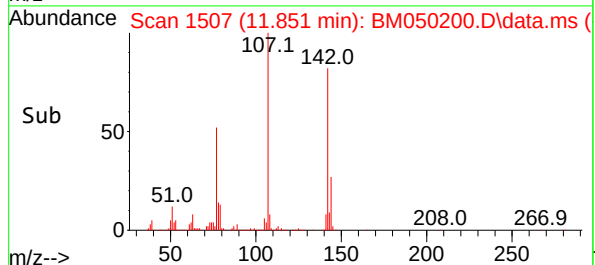
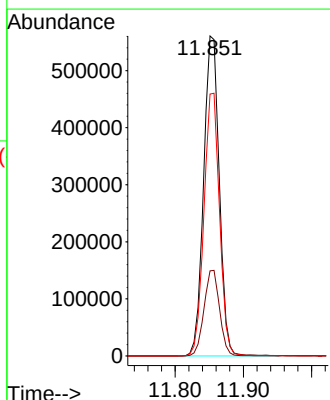
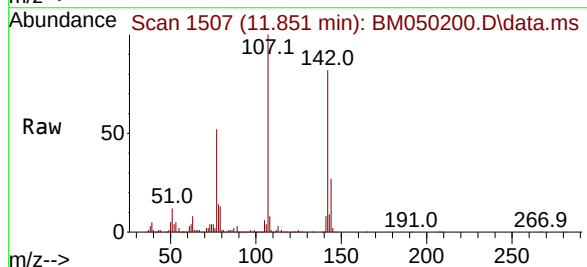
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

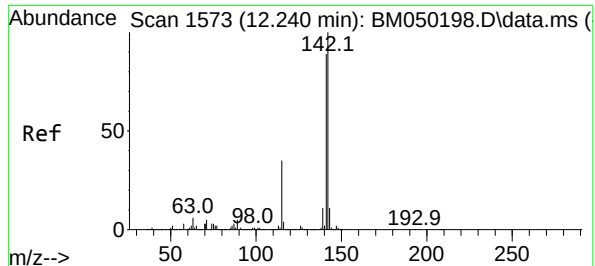
Tgt Ion:113 Resp: 271534
Ion Ratio Lower Upper
113 100
55 101.8 83.5 123.5
56 80.4 60.6 100.6



#36
4-Chloro-3-methylphenol
Concen: 59.248 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:107 Resp: 896859
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.6
142 81.9 64.8 97.2

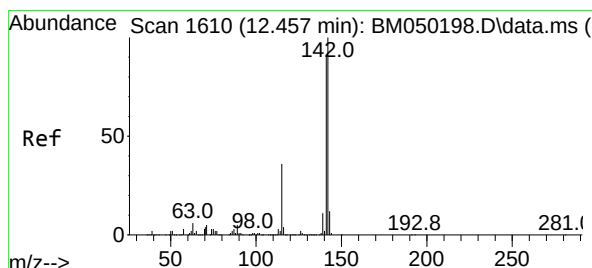
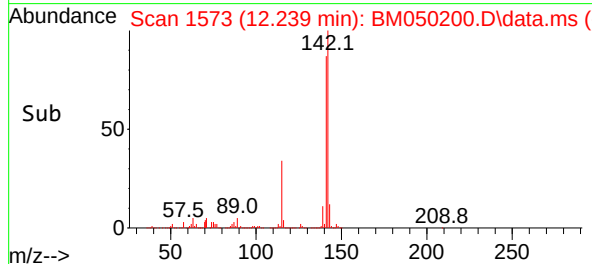
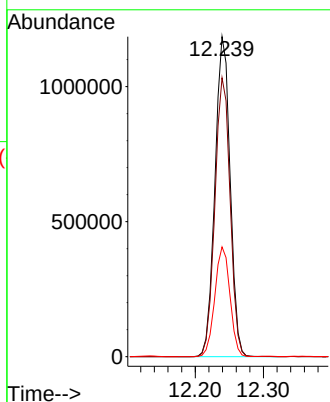
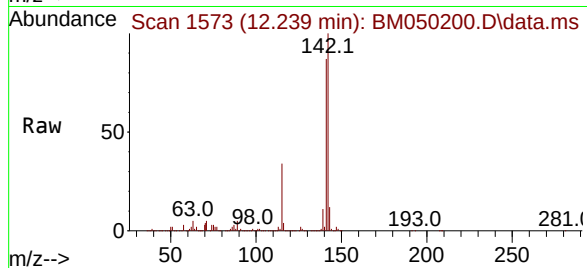




#37
2-Methylnaphthalene
Concen: 59.497 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

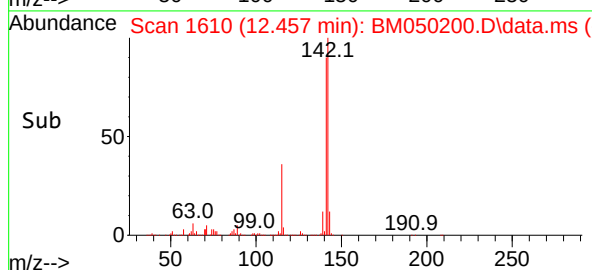
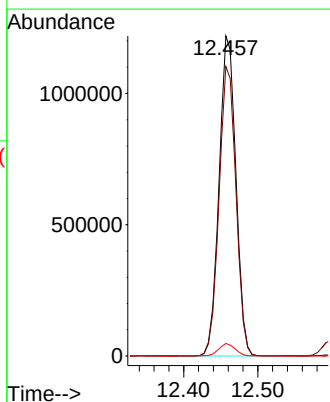
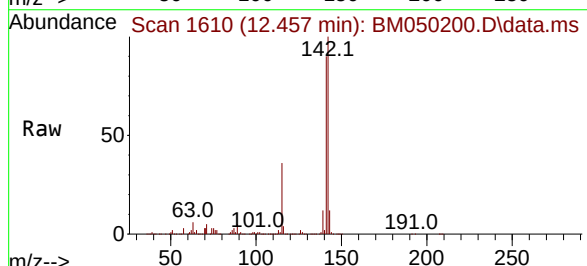
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

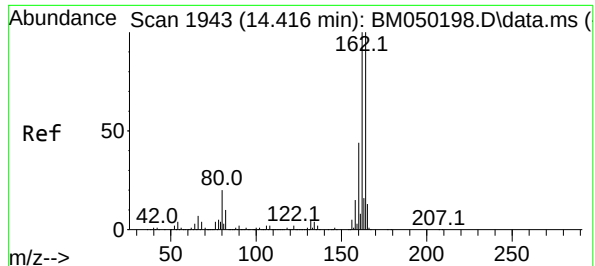
Tgt Ion:142 Resp: 1834221
Ion Ratio Lower Upper
142 100
141 87.1 71.5 107.3
115 34.3 27.8 41.8



#38
1-Methylnaphthalene
Concen: 58.741 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:142 Resp: 1922042
Ion Ratio Lower Upper
142 100
141 90.5 72.9 109.3
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

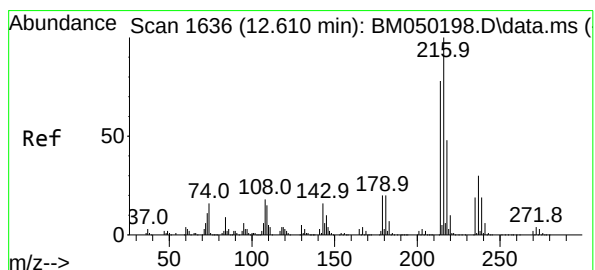
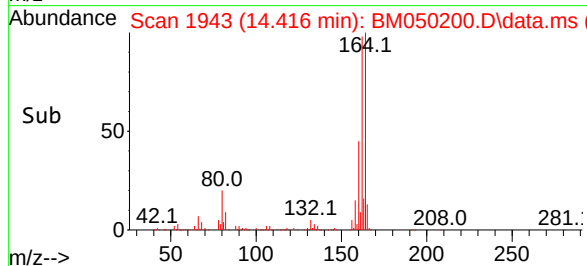
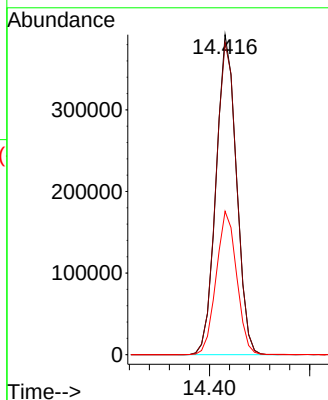
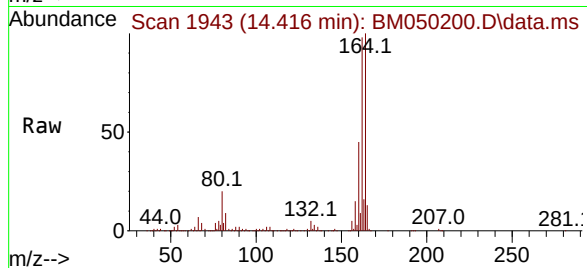
Tgt Ion:164 Resp: 551586

Ion Ratio Lower Upper

164 100

162 97.6 80.2 120.4

160 44.8 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 63.035 ng

RT: 12.610 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Tgt Ion:216 Resp: 1003997

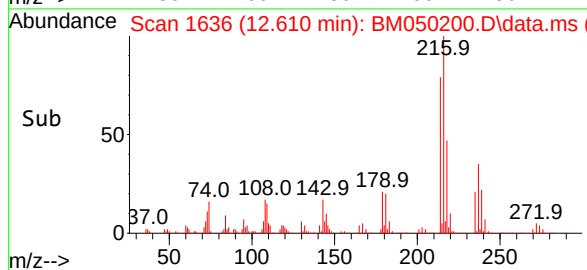
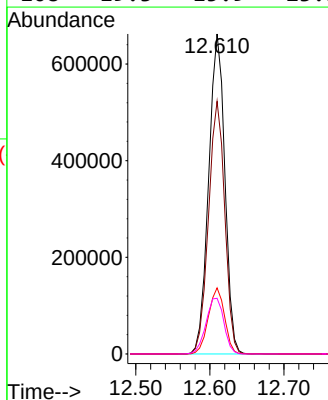
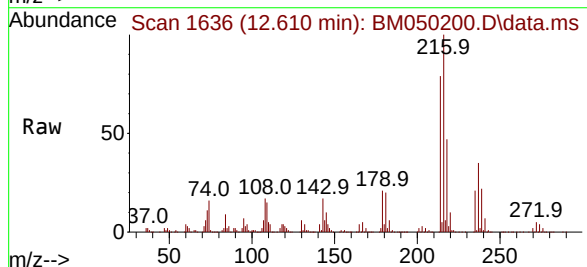
Ion Ratio Lower Upper

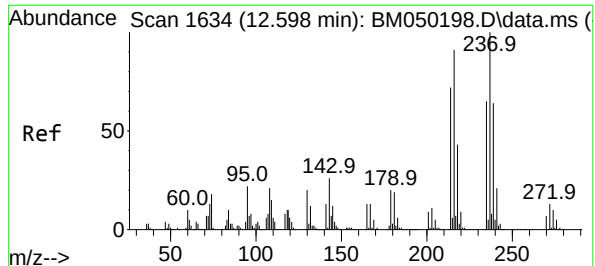
216 100

214 79.0 63.0 94.4

179 20.7 16.6 25.0

108 19.3 15.9 23.9

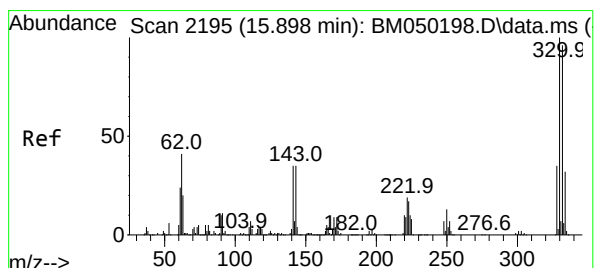
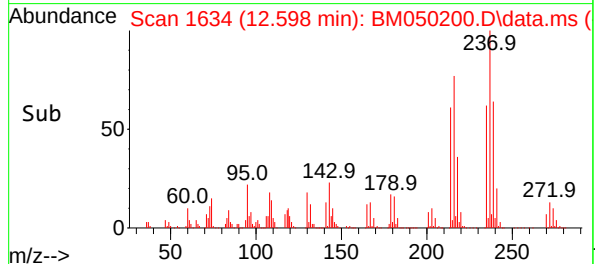
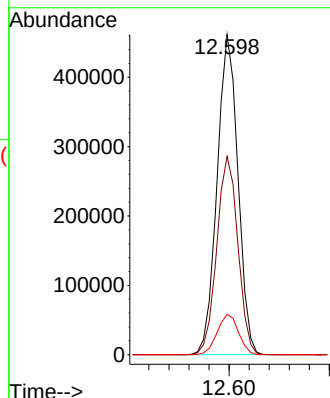
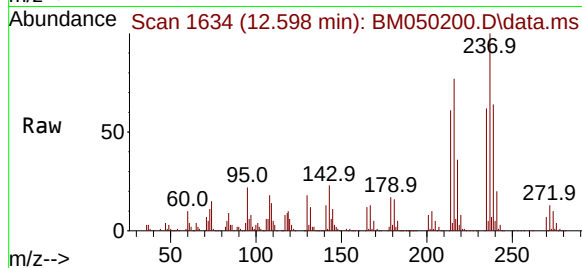




#41
Hexachlorocyclopentadiene
Concen: 68.632 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

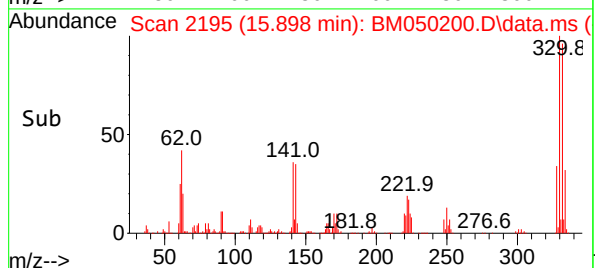
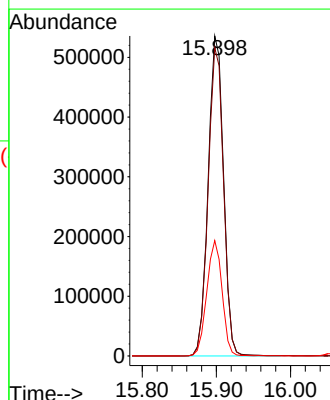
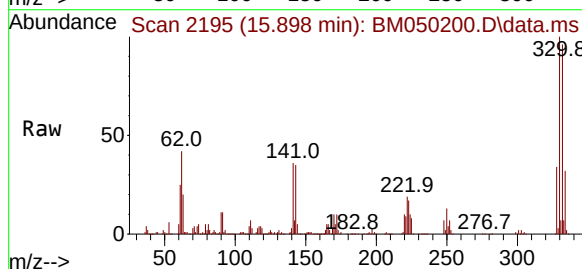
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

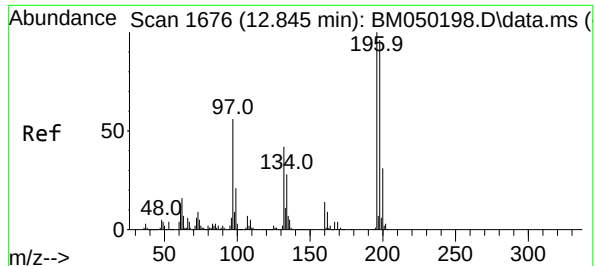
Tgt Ion:237 Resp: 663873
Ion Ratio Lower Upper
237 100
235 61.9 44.6 84.6
272 12.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 123.062 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:330 Resp: 772080
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 35.9 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 63.528 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

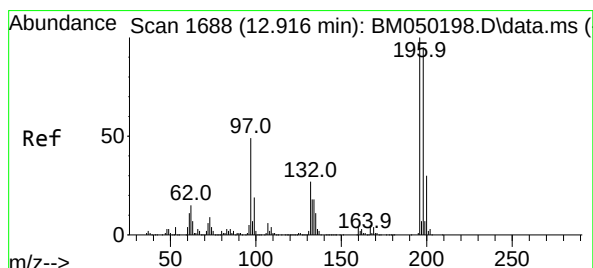
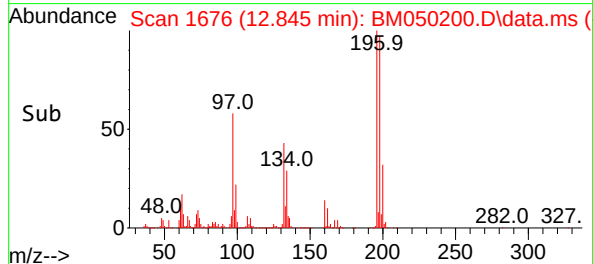
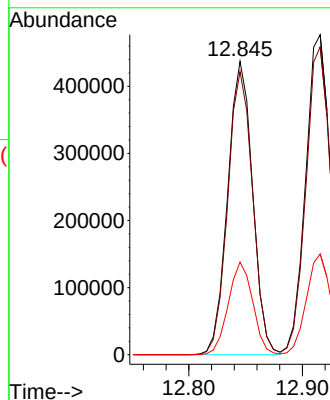
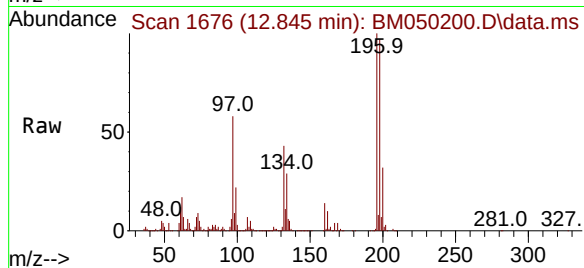
Tgt Ion:196 Resp: 665409

Ion Ratio Lower Upper

196 100

198 96.5 76.6 115.0

200 31.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 63.531 ng

RT: 12.916 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Tgt Ion:196 Resp: 730617

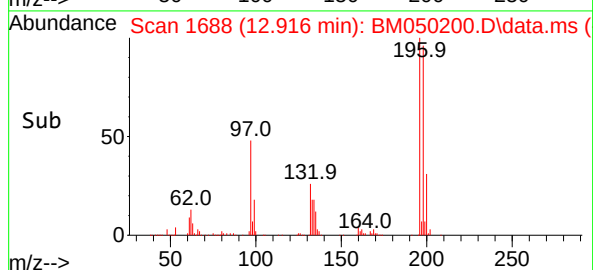
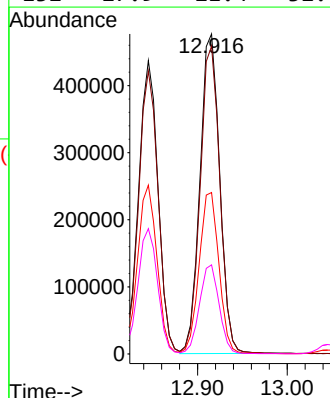
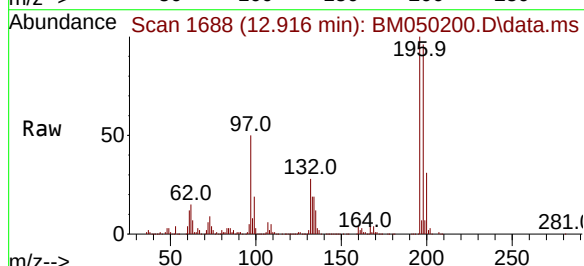
Ion Ratio Lower Upper

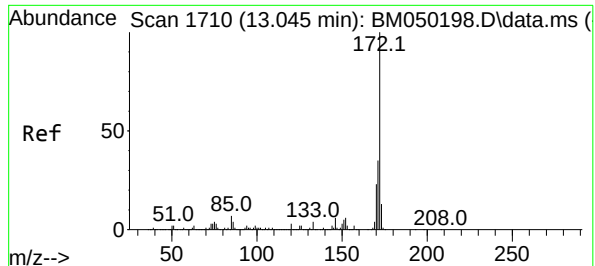
196 100

198 96.2 76.1 114.1

97 50.5 39.3 58.9

132 27.9 21.4 32.0

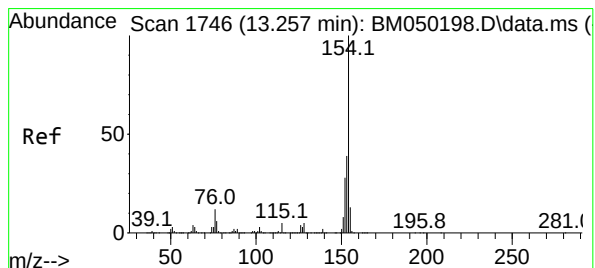
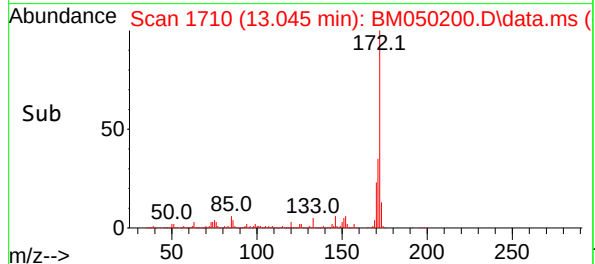
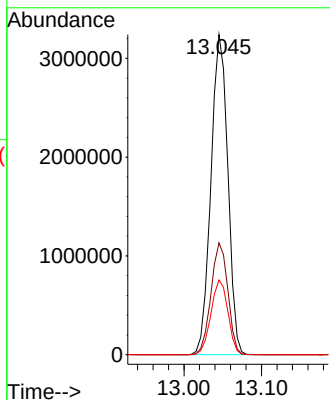
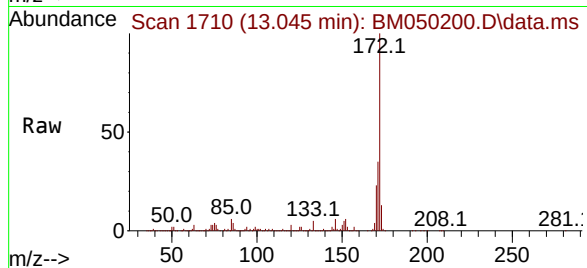




#45
2-Fluorobiphenyl
Concen: 120.225 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

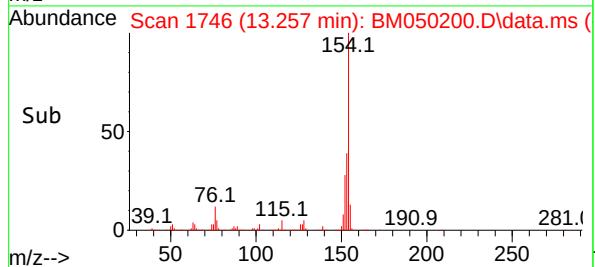
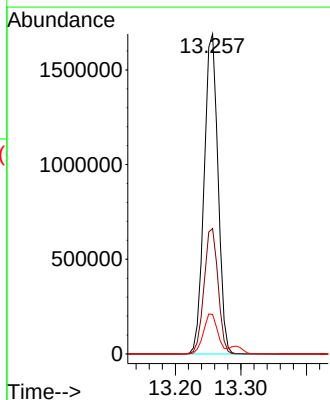
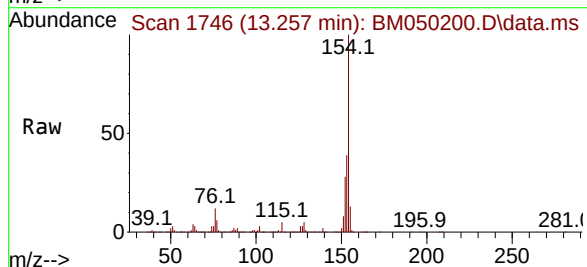
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

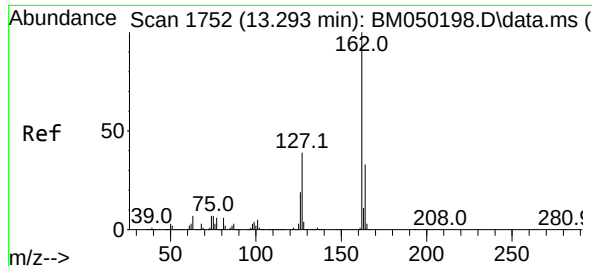
Tgt Ion:172 Resp: 4898196
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 60.402 ng
RT: 13.257 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:154 Resp: 2494729
Ion Ratio Lower Upper
154 100
153 39.2 19.2 59.2
76 12.3 0.0 32.0





#47

2-Chloronaphthalene

Concen: 60.663 ng

RT: 13.292 min Scan# 1752

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

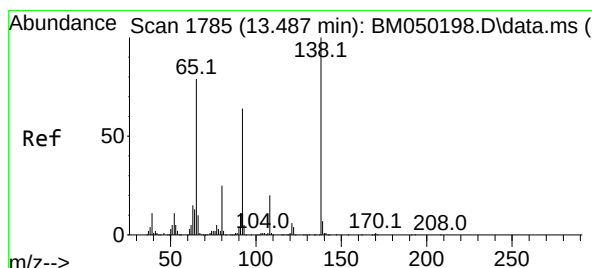
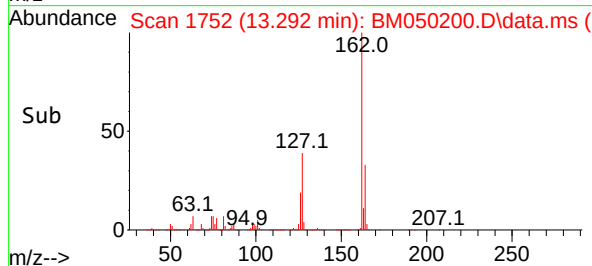
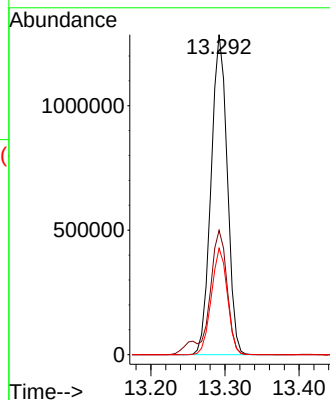
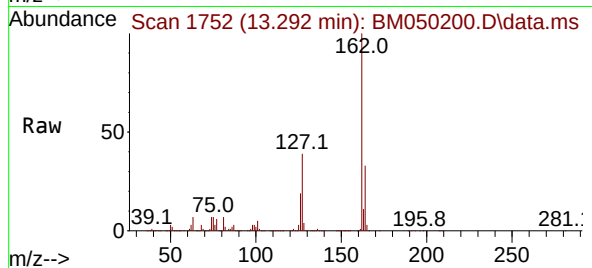
Tgt Ion:162 Resp: 1947861

Ion Ratio Lower Upper

162 100

127 38.9 31.1 46.7

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 67.806 ng

RT: 13.486 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

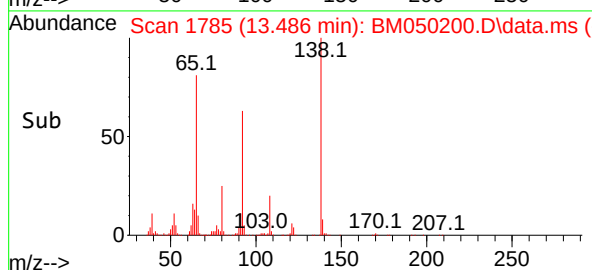
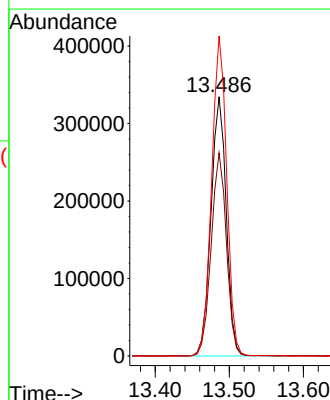
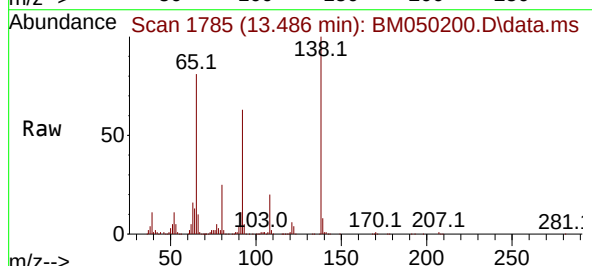
Tgt Ion: 65 Resp: 479127

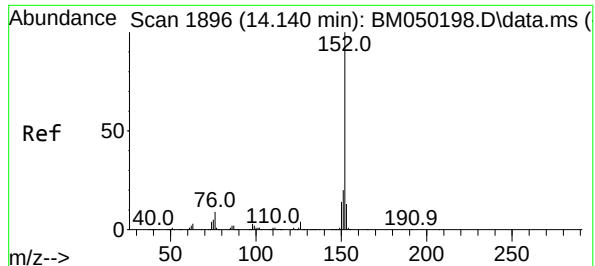
Ion Ratio Lower Upper

65 100

92 78.3 64.2 96.4

138 123.5 101.0 151.4

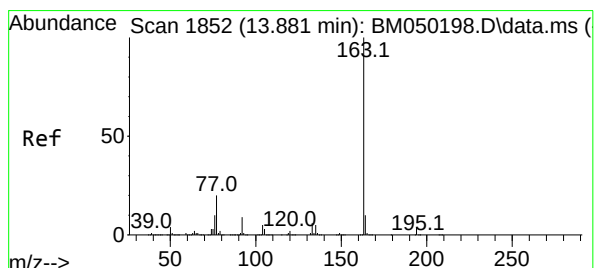
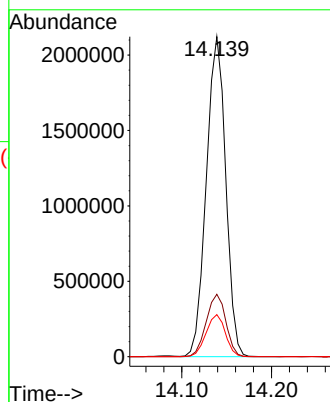
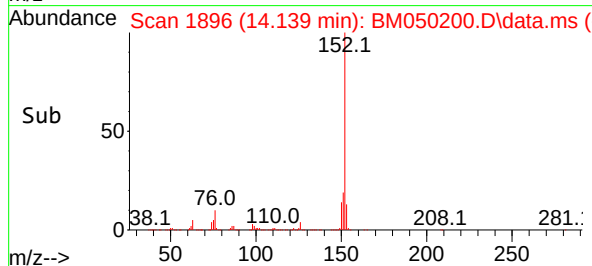
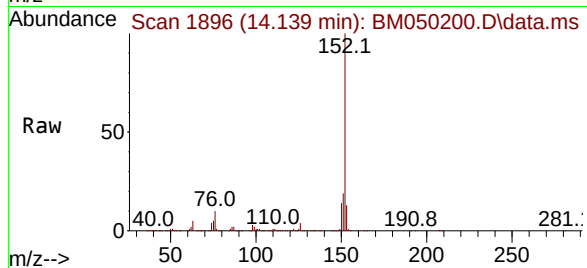




#49
Acenaphthylene
Concen: 61.302 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

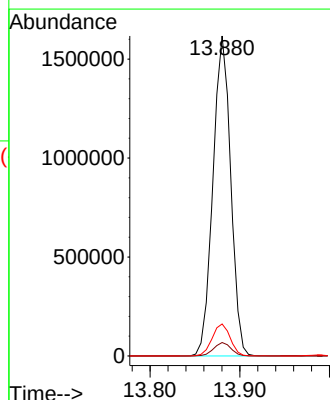
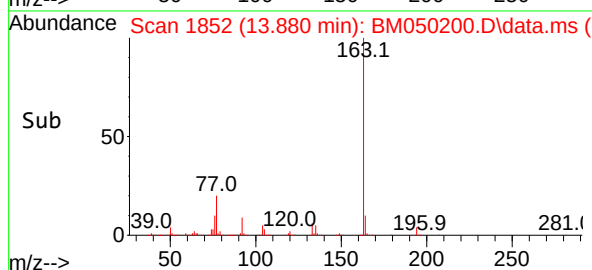
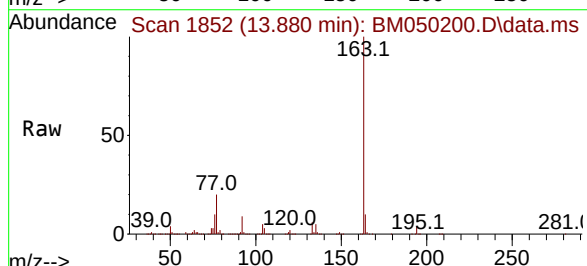
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

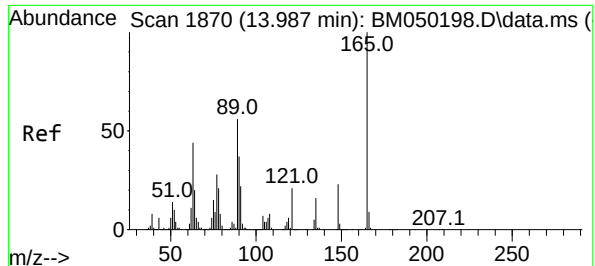
Tgt Ion:152 Resp: 3183780
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 59.640 ng
RT: 13.880 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:163 Resp: 2224786
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 7.9 11.9

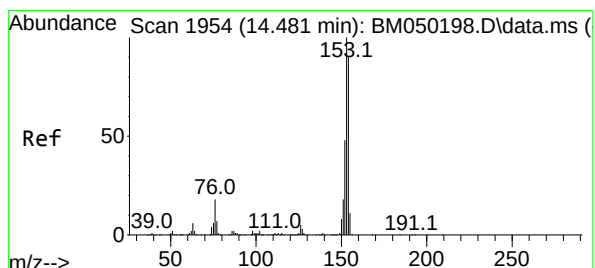
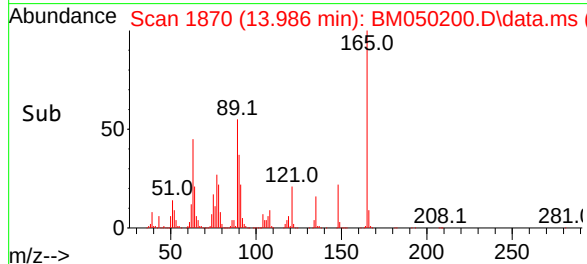
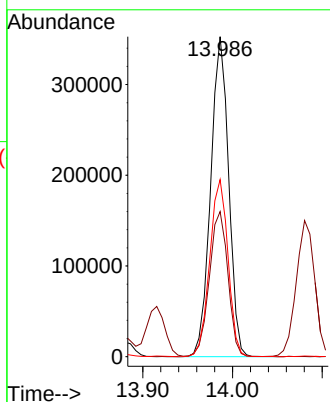
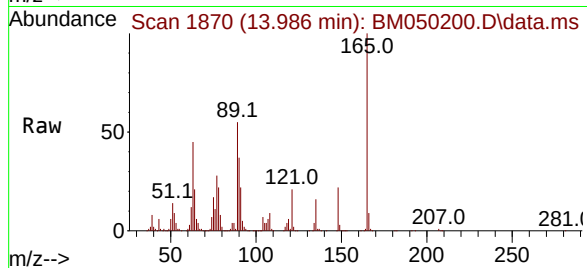




#51
2,6-Dinitrotoluene
Concen: 65.238 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

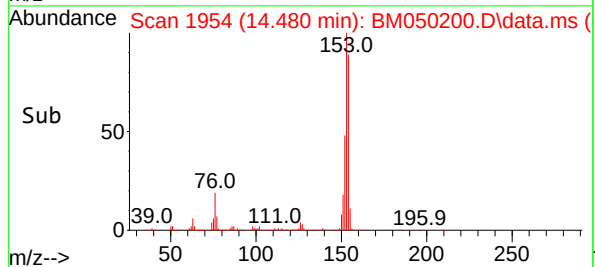
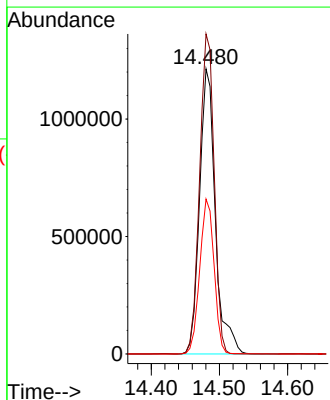
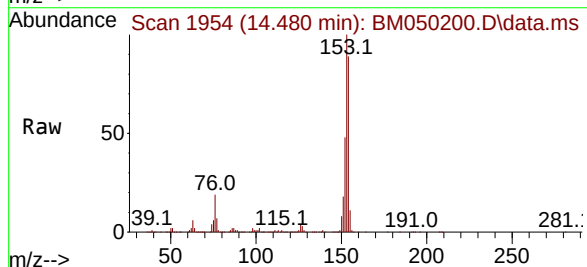
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

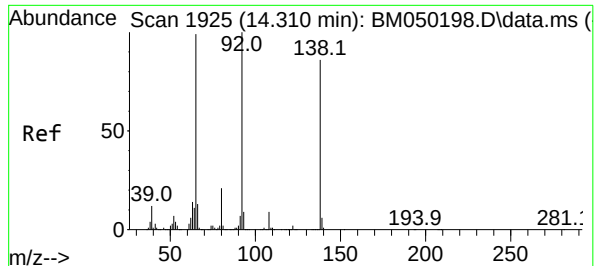
Tgt Ion:165 Resp: 490781
Ion Ratio Lower Upper
165 100
63 45.3 35.8 53.6
89 55.3 44.8 67.2



#52
Acenaphthene
Concen: 60.136 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:154 Resp: 1953486
Ion Ratio Lower Upper
154 100
153 112.2 88.7 133.1
152 54.3 42.6 63.8

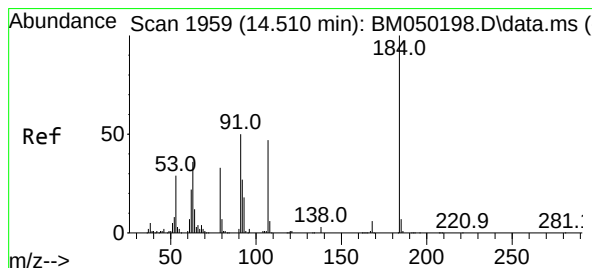
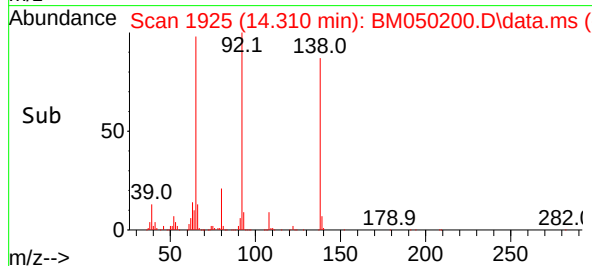
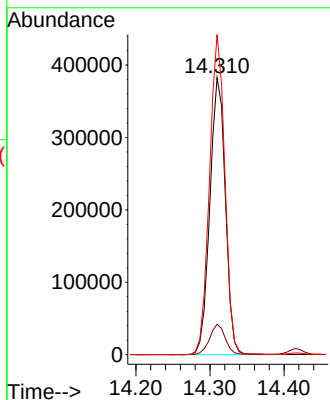
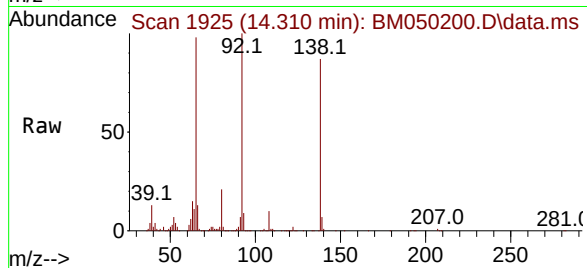




#53
3-Nitroaniline
Concen: 66.308 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

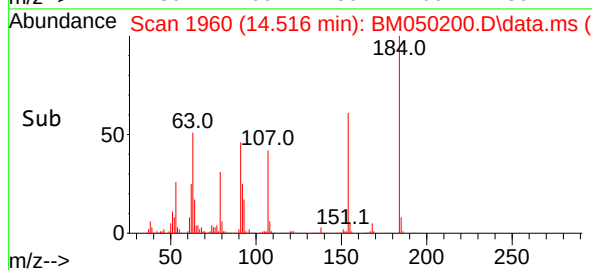
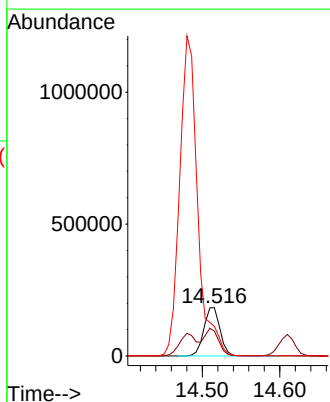
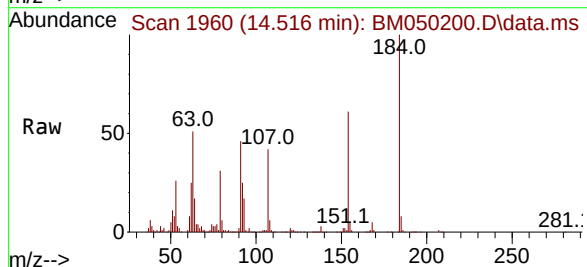
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

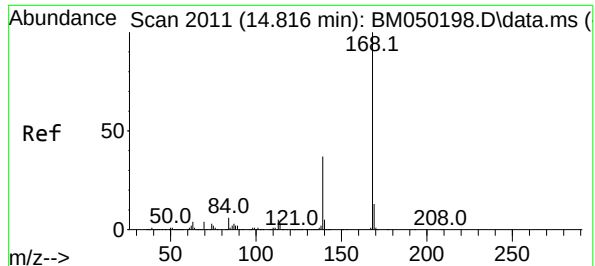
Tgt Ion:138 Resp: 555944
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 115.5 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 58.459 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:184 Resp: 265588
Ion Ratio Lower Upper
184 100
63 51.3 45.3 67.9
154 61.2 54.3 81.5





#55

Dibenzenofuran

Concen: 59.857 ng

RT: 14.816 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

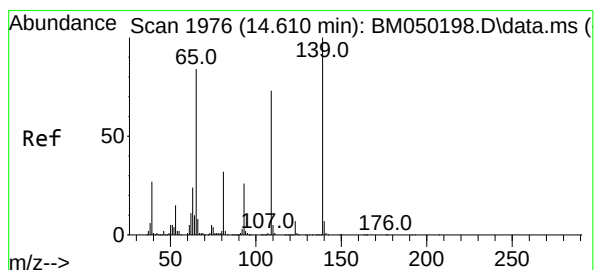
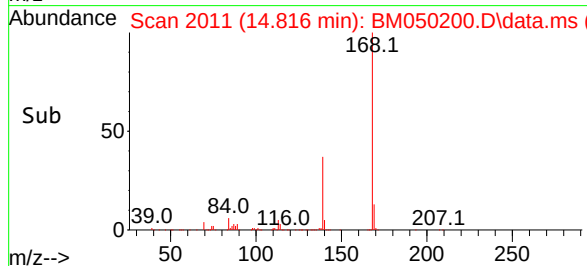
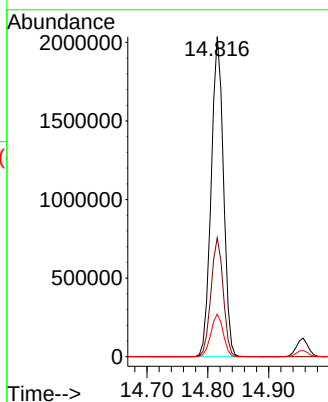
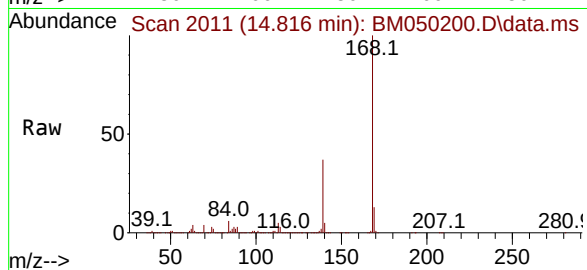
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 2844670

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.9	44.9
169	13.3	10.6	16.0



#56

4-Nitrophenol

Concen: 66.846 ng

RT: 14.610 min Scan# 1976

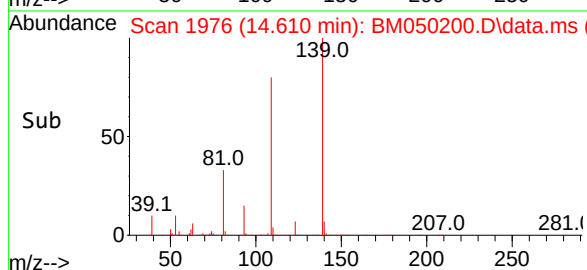
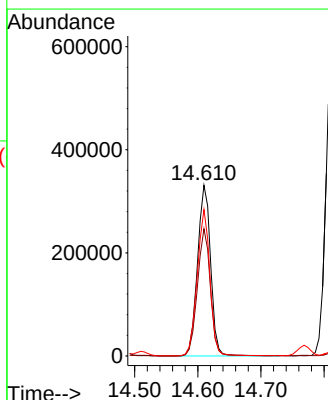
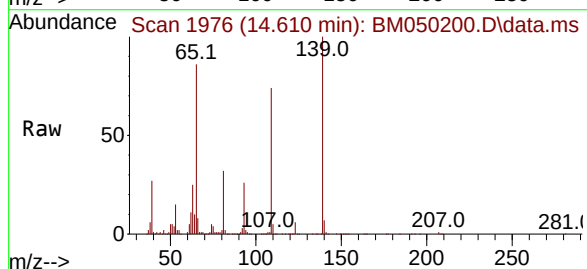
Delta R.T. -0.000 min

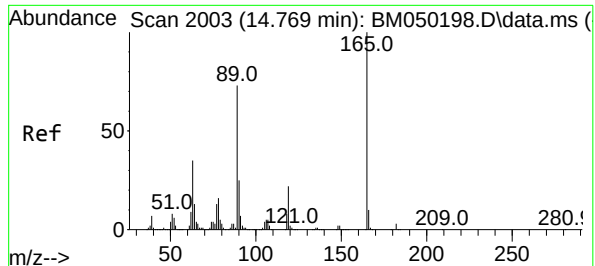
Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Tgt Ion:139 Resp: 477024

Ion	Ratio	Lower	Upper
139	100		
109	74.4	52.6	92.6
65	85.7	64.3	104.3





#57

2,4-Dinitrotoluene

Concen: 66.447 ng

RT: 14.768 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 659402

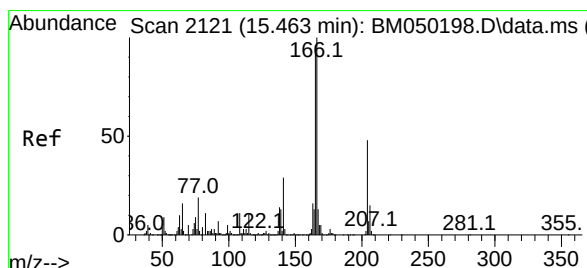
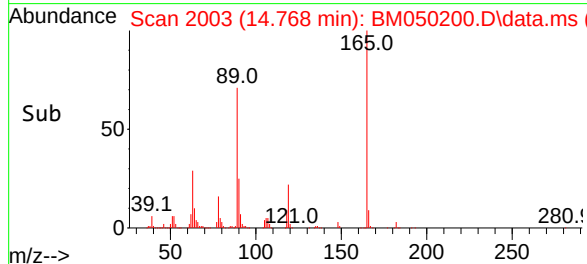
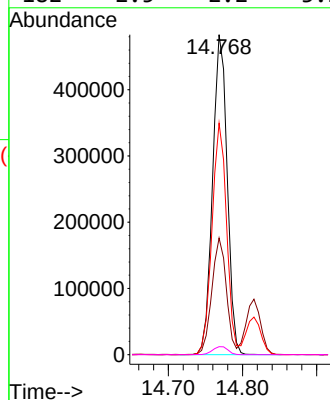
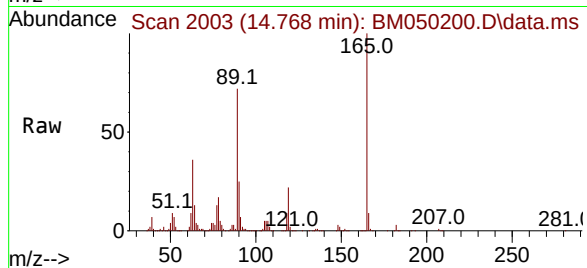
Ion Ratio Lower Upper

165 100

63 36.5 28.4 42.6

89 72.3 58.0 87.0

182 2.5 2.2 3.2



#58

Fluorene

Concen: 58.613 ng

RT: 15.463 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

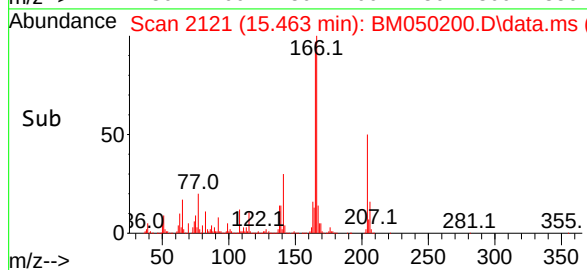
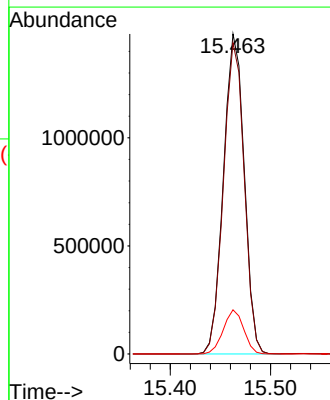
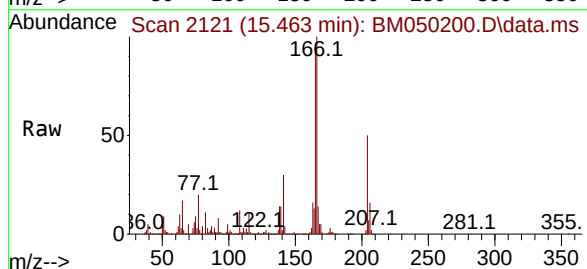
Tgt Ion:166 Resp: 2133522

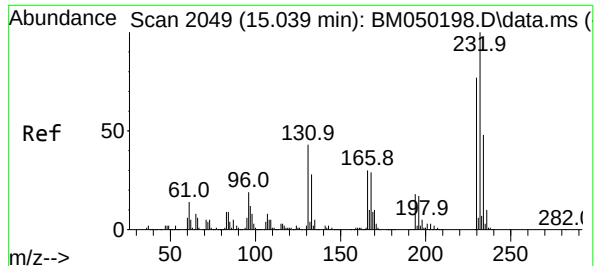
Ion Ratio Lower Upper

166 100

165 97.2 77.0 115.4

167 13.8 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 61.752 ng

RT: 15.039 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 614431

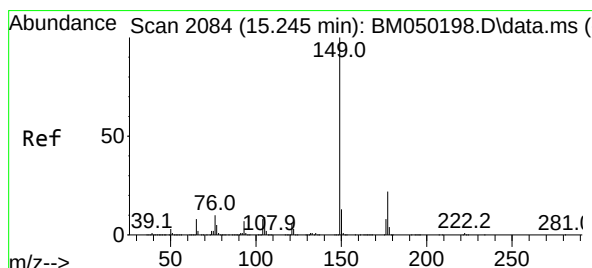
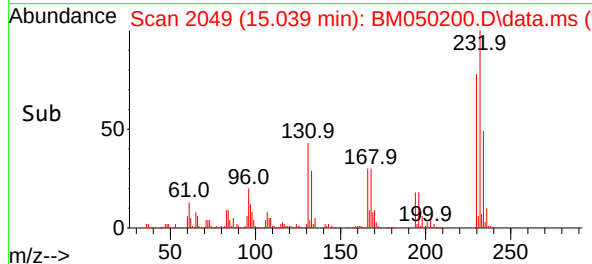
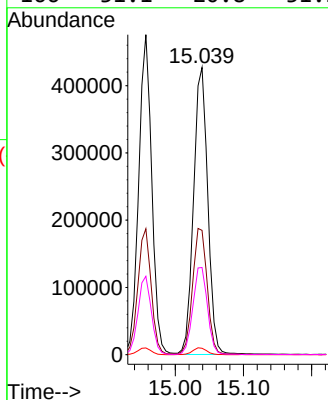
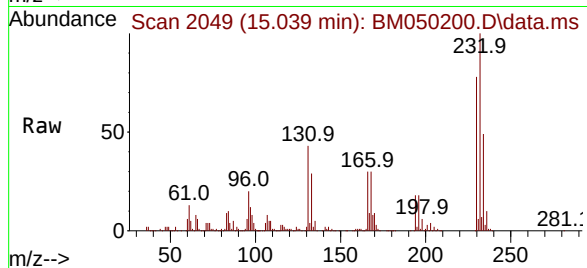
Ion Ratio Lower Upper

232 100

131 45.0 32.9 49.3

130 2.4 1.8 2.8

166 31.1 20.8 31.2



#60

Diethylphthalate

Concen: 58.899 ng

RT: 15.251 min Scan# 2085

Delta R.T. 0.005 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

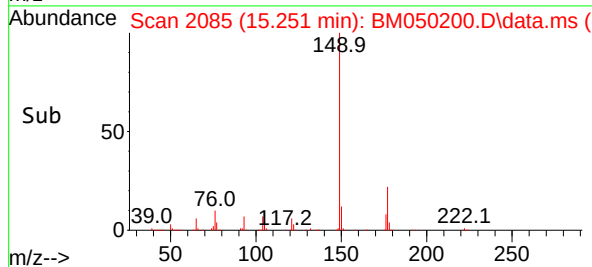
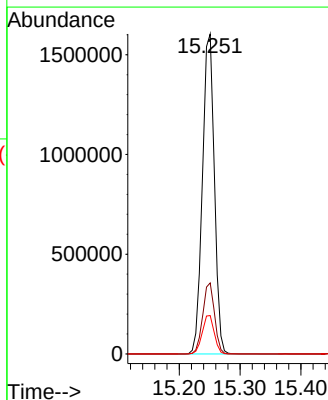
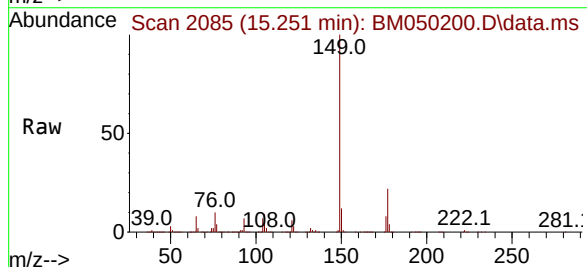
Tgt Ion:149 Resp: 2180022

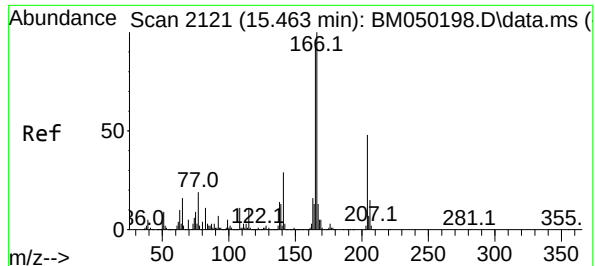
Ion Ratio Lower Upper

149 100

177 22.2 17.2 25.8

150 12.0 10.0 15.0

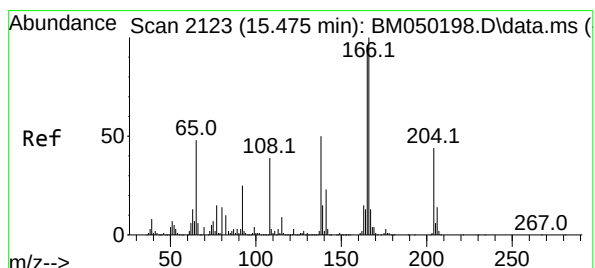
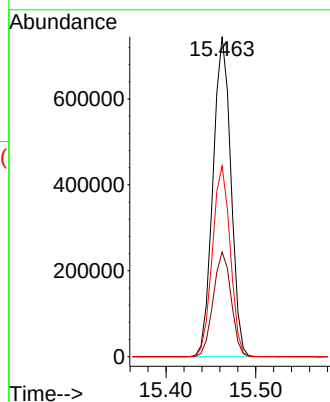
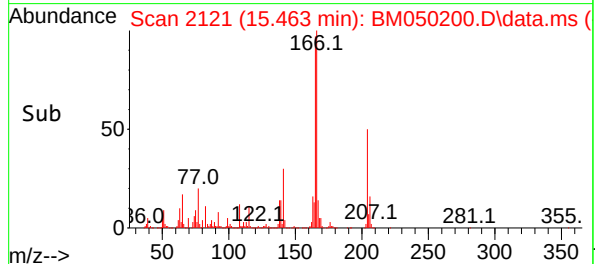
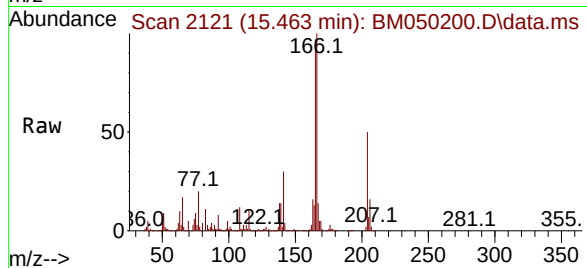




#61
4-Chlorophenyl-phenylether
Concen: 58.610 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

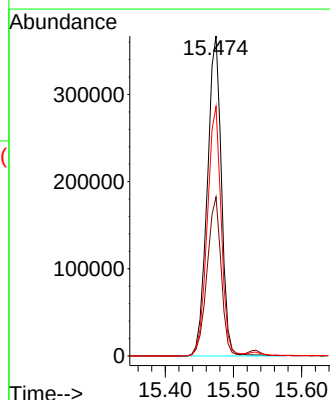
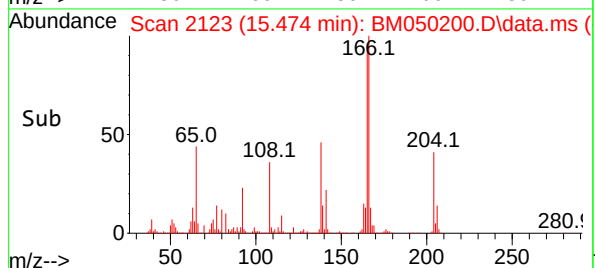
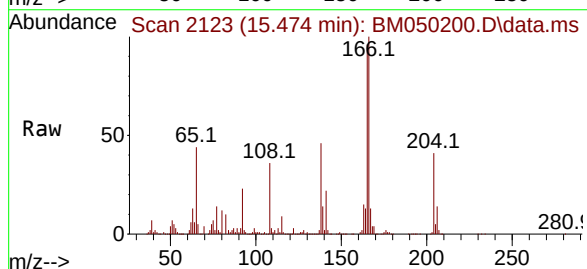
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

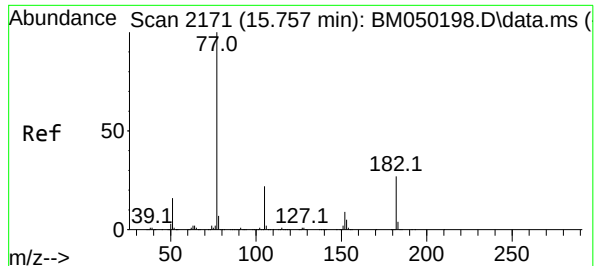
Tgt Ion:204 Resp: 1031087
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 59.6 47.9 71.9



#62
4-Nitroaniline
Concen: 67.214 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:138 Resp: 528186
Ion Ratio Lower Upper
138 100
92 49.7 28.8 68.8
108 77.9 58.1 98.1



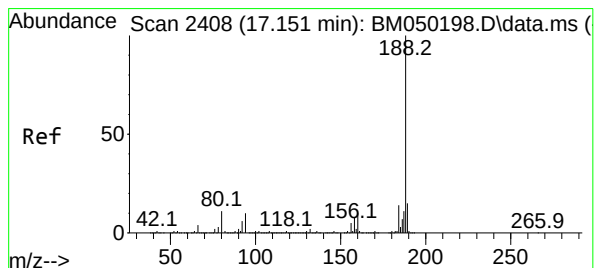
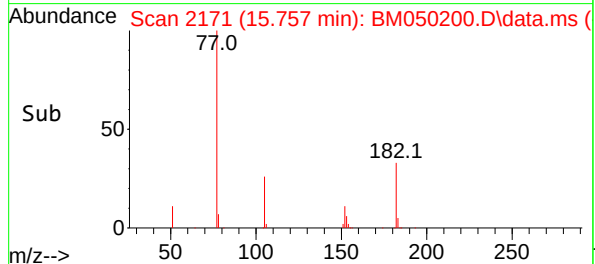
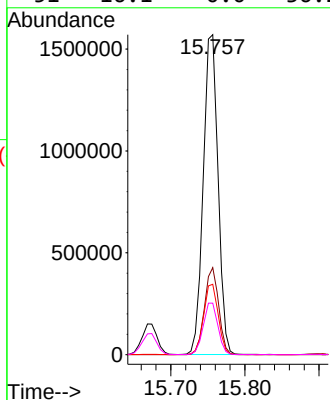
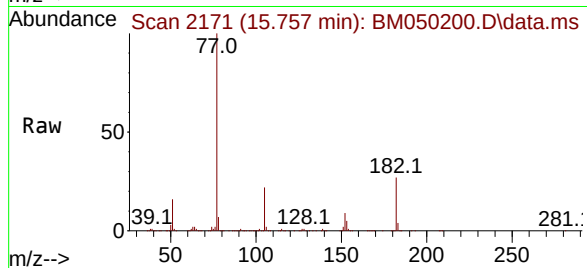


#63
Azobenzene
Concen: 58.871 ng
RT: 15.757 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 2177933

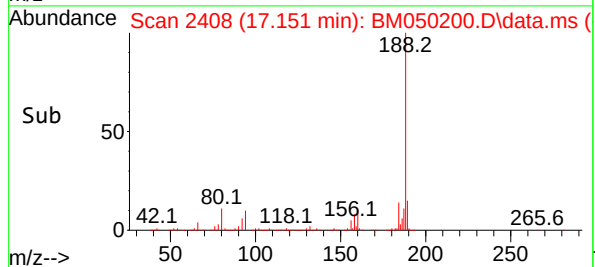
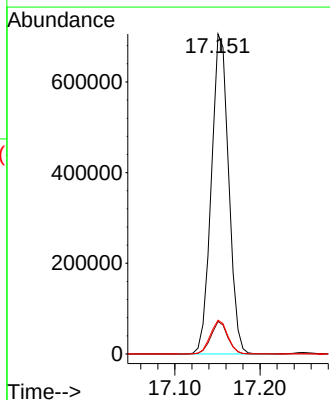
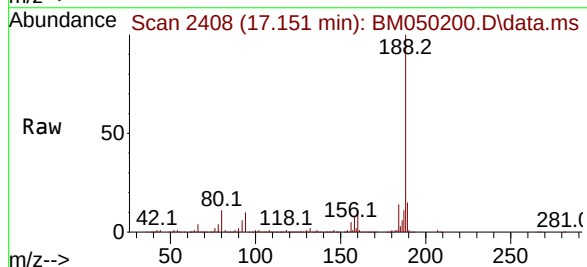
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.8	46.8
105	22.0	1.7	41.7
51	16.1	0.0	36.2

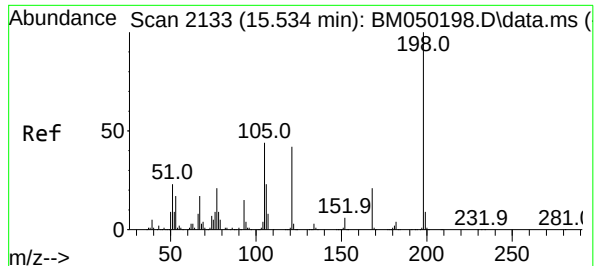


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion: 188 Resp: 997337

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	10.6	8.6	13.0

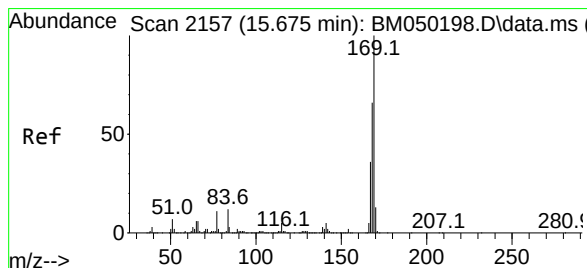
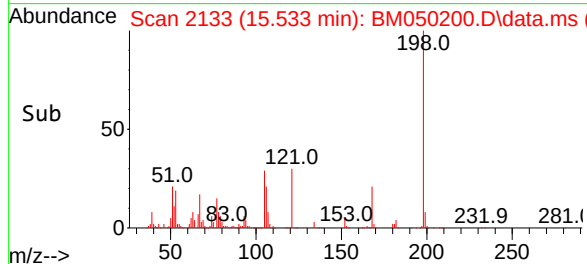
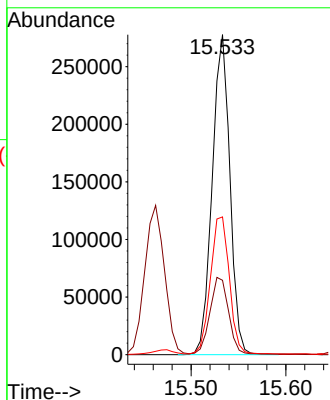
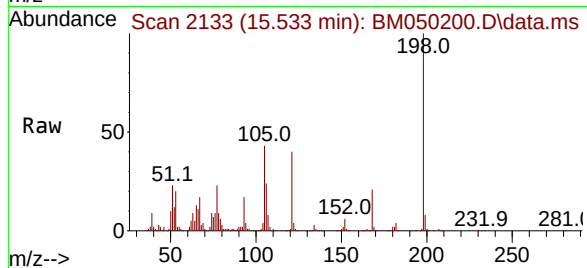




#65
4,6-Dinitro-2-methylphenol
Concen: 66.052 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

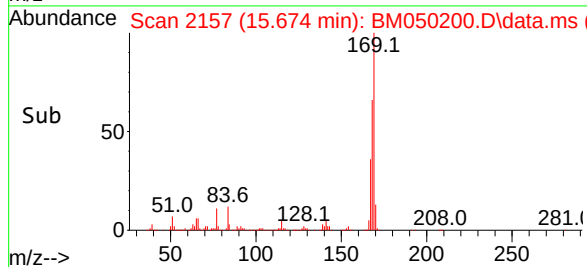
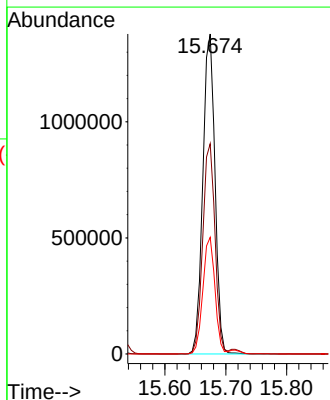
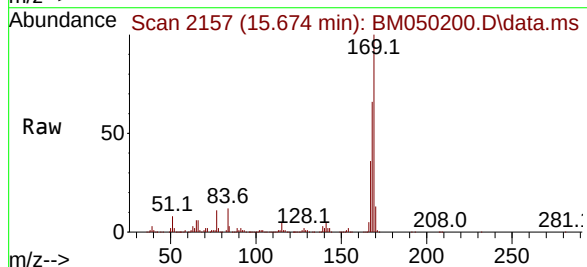
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

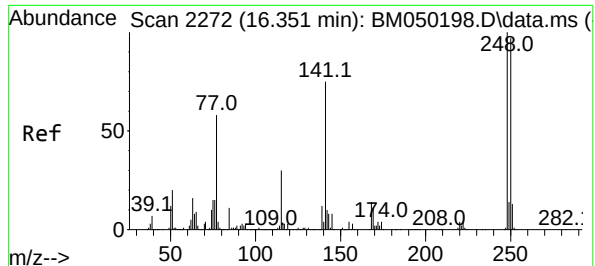
Tgt Ion:198 Resp: 359804
Ion Ratio Lower Upper
198 100
51 23.3 4.5 44.5
105 43.0 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 61.011 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:169 Resp: 1911910
Ion Ratio Lower Upper
169 100
168 65.7 53.1 79.7
167 36.4 29.0 43.6

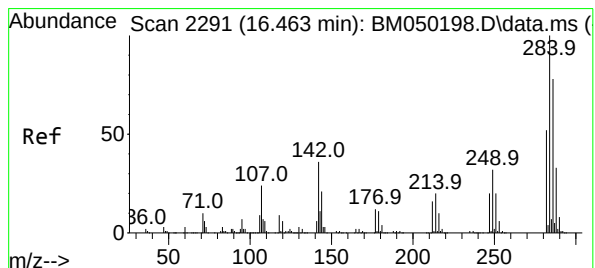
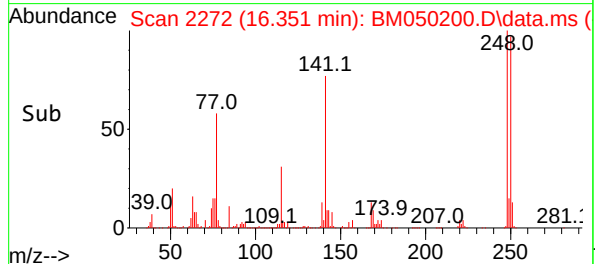
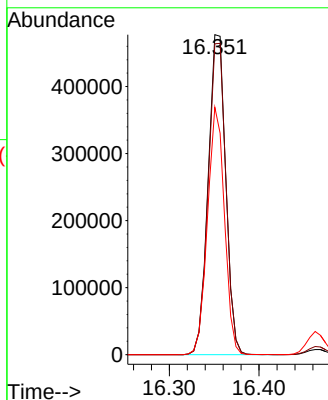
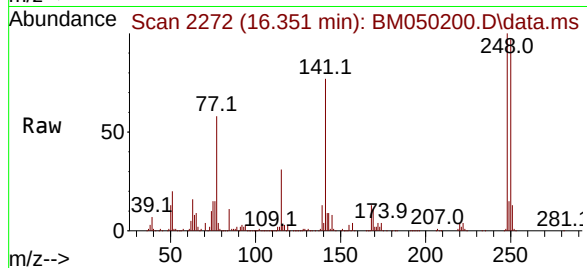




#67
4-Bromophenyl-phenylether
Concen: 61.046 ng
RT: 16.351 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

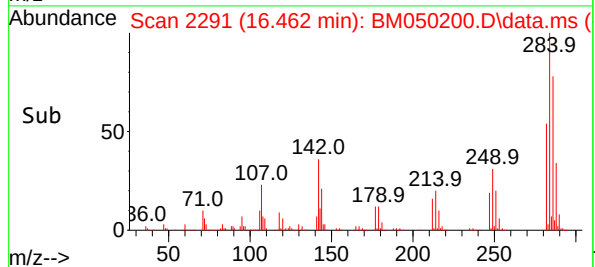
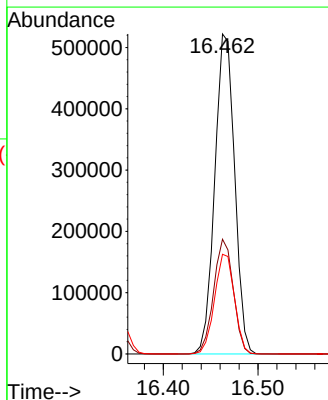
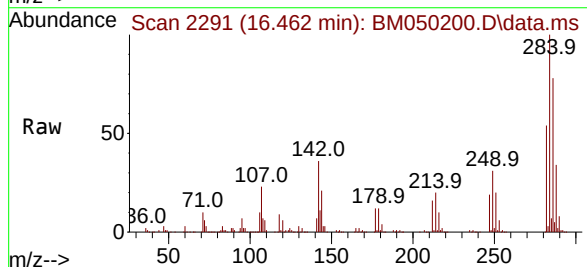
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

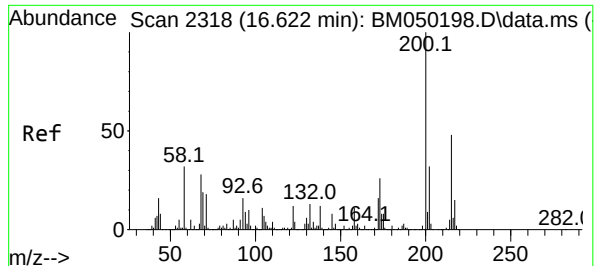
Tgt Ion:248 Resp: 649254
Ion Ratio Lower Upper
248 100
250 97.2 78.0 117.0
141 77.3 60.1 90.1



#68
Hexachlorobenzene
Concen: 61.287 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:284 Resp: 761552
Ion Ratio Lower Upper
284 100
142 35.8 28.8 43.2
249 31.1 25.8 38.6

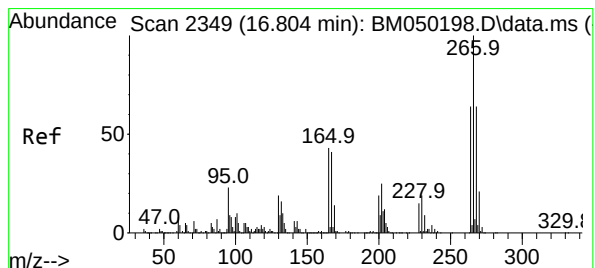
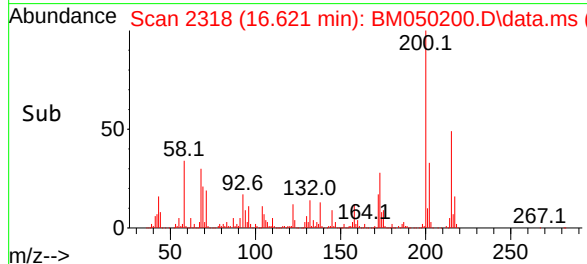
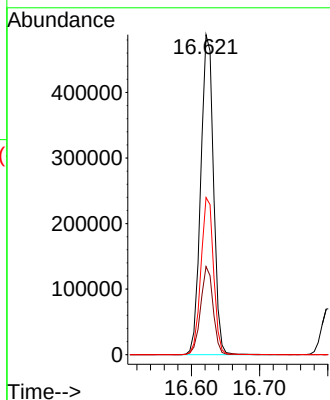
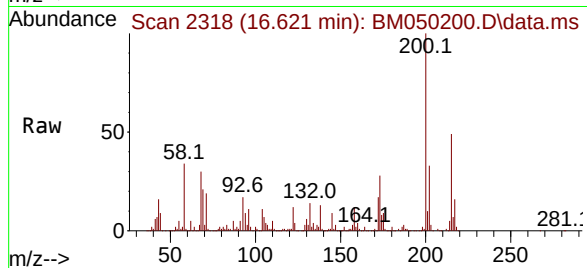




#69
Atrazine
Concen: 63.570 ng
RT: 16.621 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

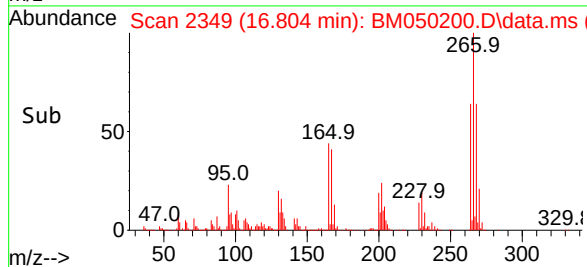
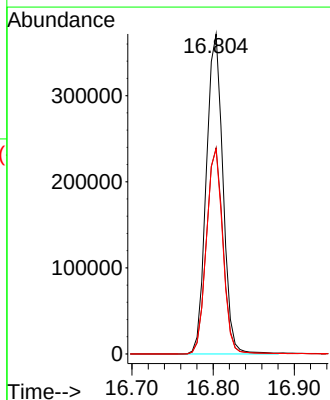
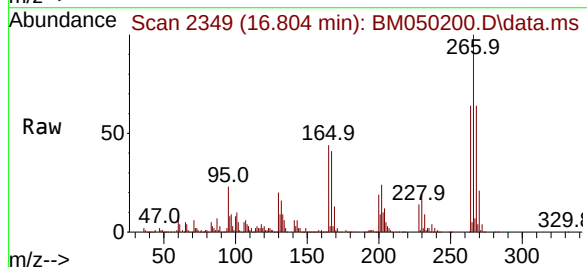
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

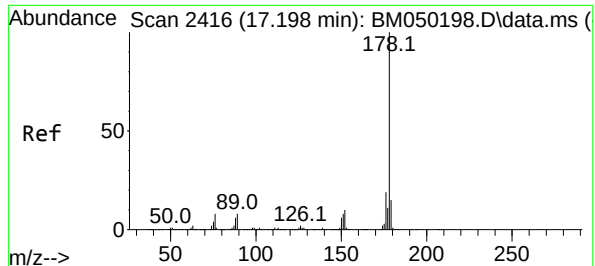
Tgt Ion:200 Resp: 634737
Ion Ratio Lower Upper
200 100
173 27.6 6.0 46.0
215 49.1 28.1 68.1



#70
Pentachlorophenol
Concen: 65.368 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:266 Resp: 528095
Ion Ratio Lower Upper
266 100
268 64.4 51.0 76.6
264 64.0 50.8 76.2

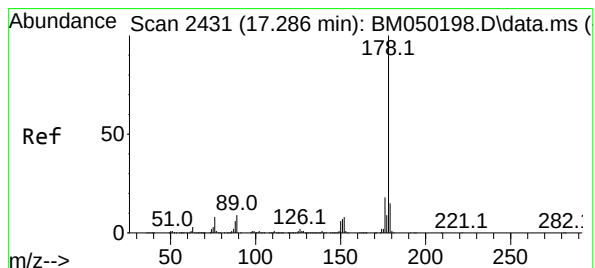
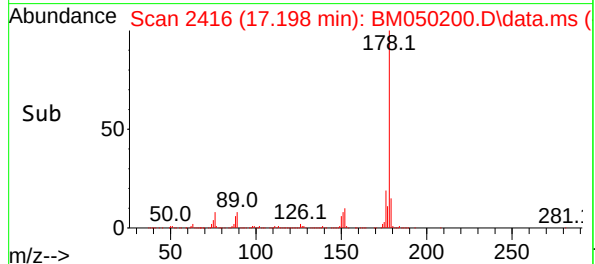
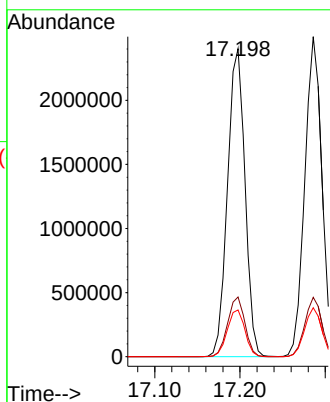
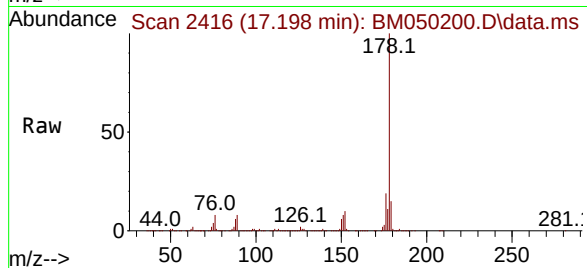




#71
Phenanthrene
Concen: 60.051 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

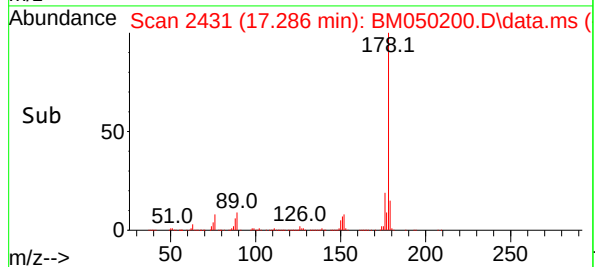
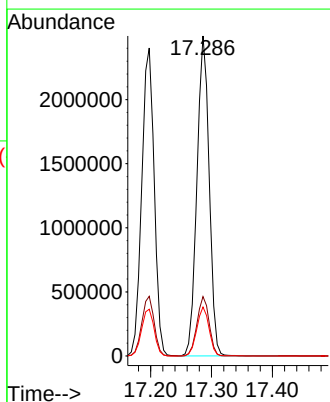
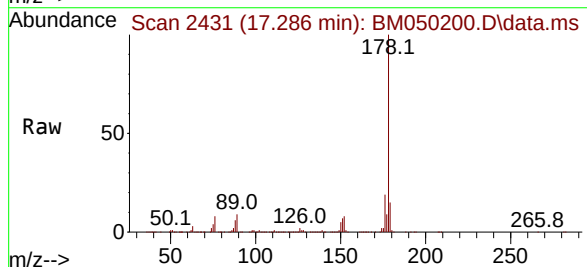
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

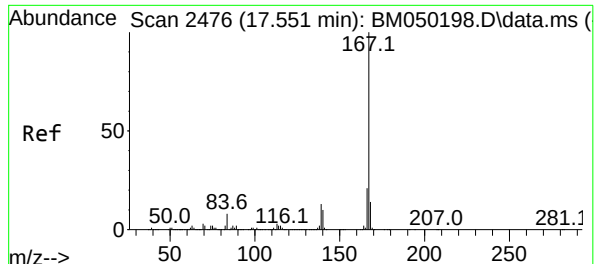
Tgt Ion:178 Resp: 3421380
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.3 18.5



#72
Anthracene
Concen: 61.148 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

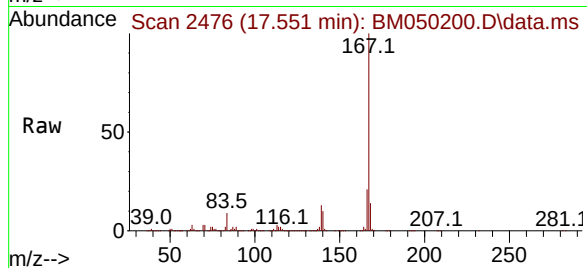
Tgt Ion:178 Resp: 3485282
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.3 18.5



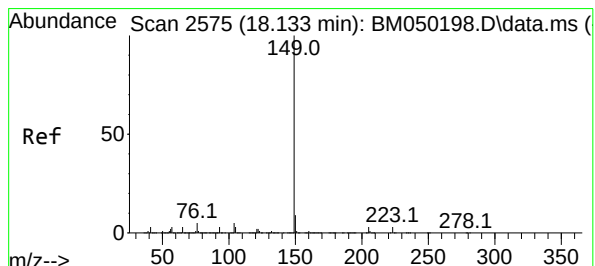
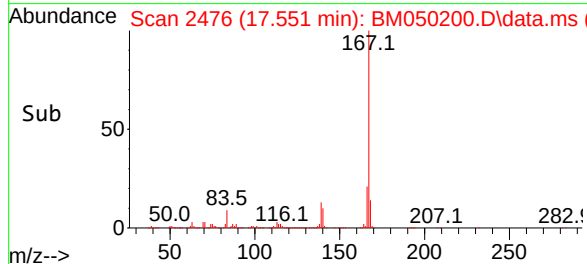
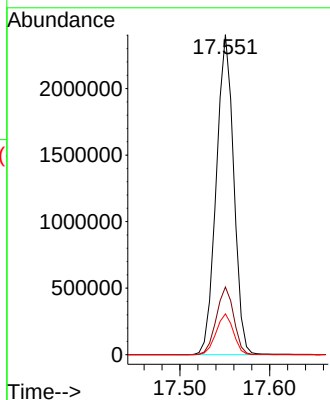


#73
Carbazole
Concen: 62.528 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

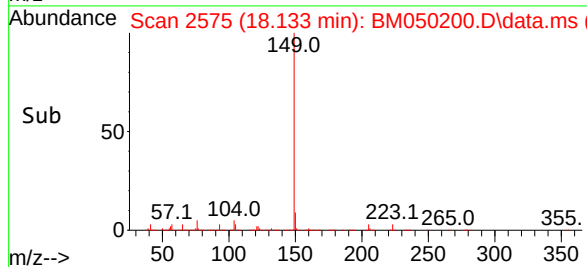
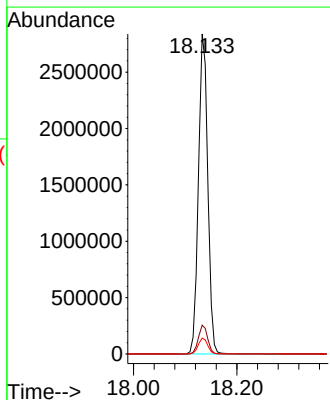
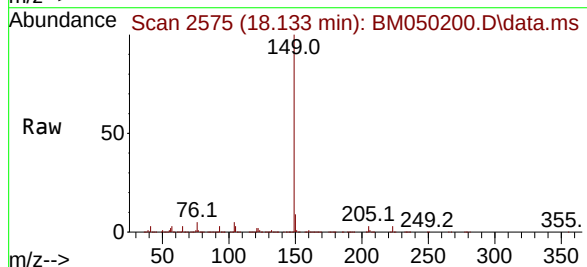


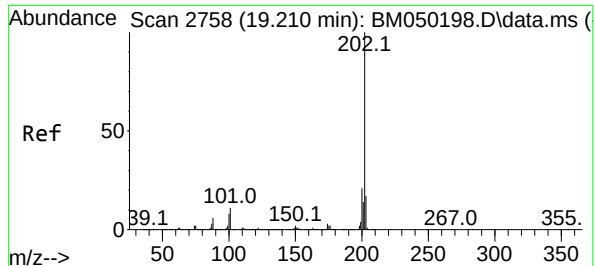
Tgt Ion:167 Resp: 3246806
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 62.851 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:149 Resp: 3550989
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.0 4.0 6.0

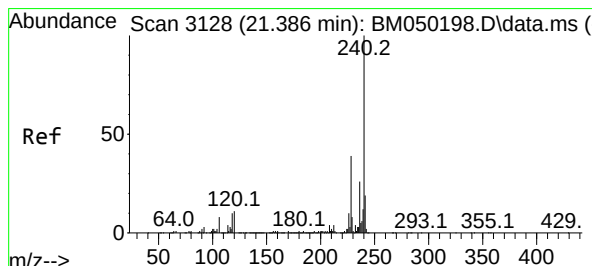
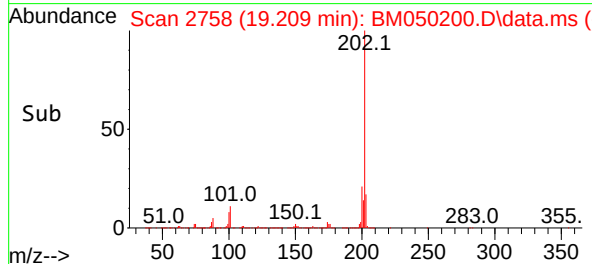
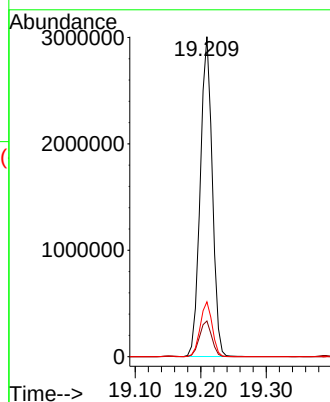
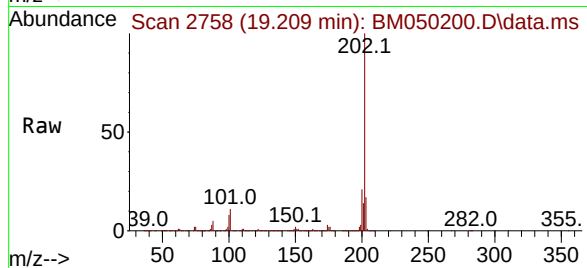




#75
Fluoranthene
Concen: 63.934 ng
RT: 19.209 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

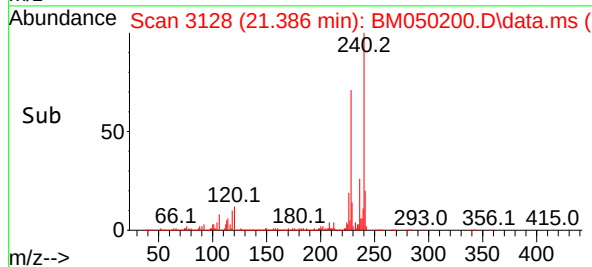
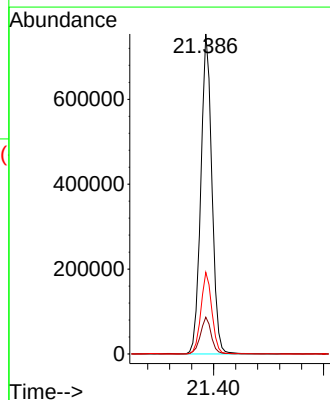
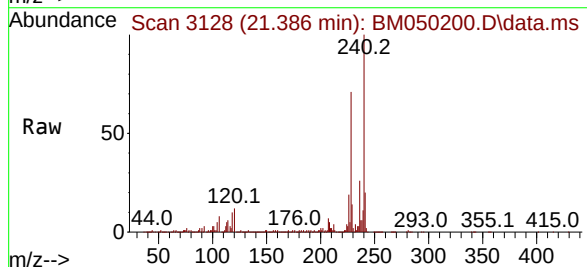
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

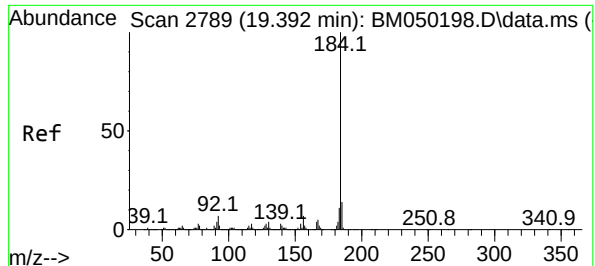
Tgt Ion:202 Resp: 3841414
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.1
203 17.1 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:240 Resp: 1056136
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 25.5 20.7 31.1

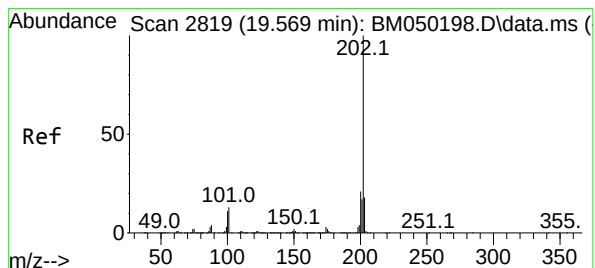
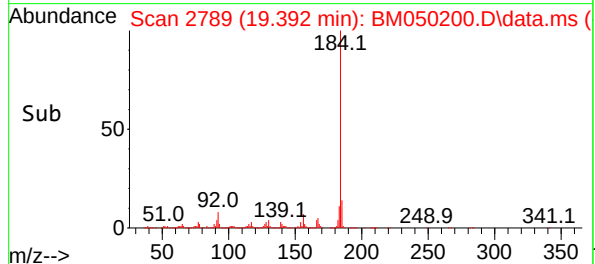
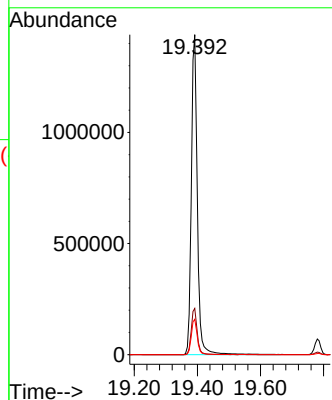
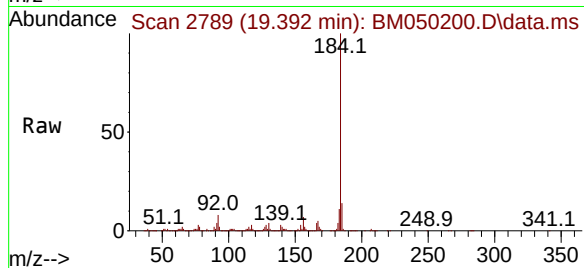




#77
Benzidine
Concen: 64.043 ng
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

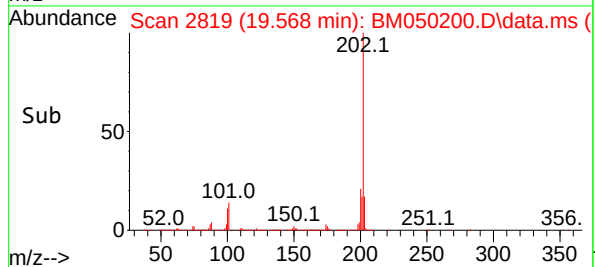
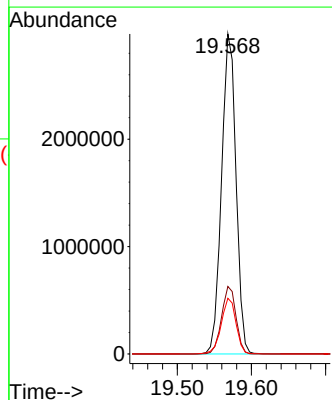
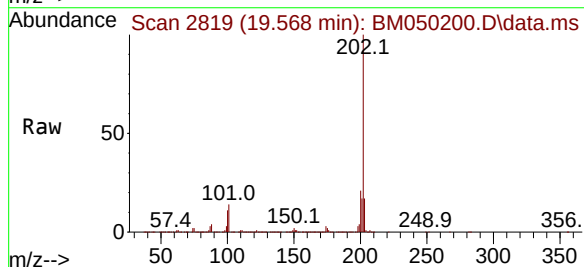
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

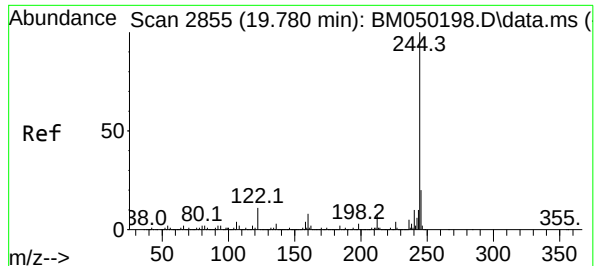
Tgt Ion:184 Resp: 1902050
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.1 9.0 13.4



#78
Pyrene
Concen: 56.687 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

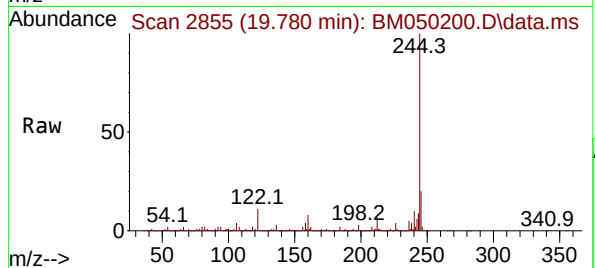
Tgt Ion:202 Resp: 4035214
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.4 14.1 21.1



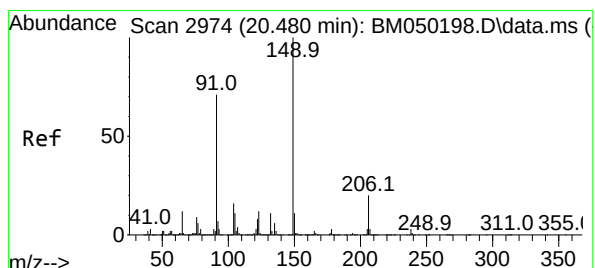
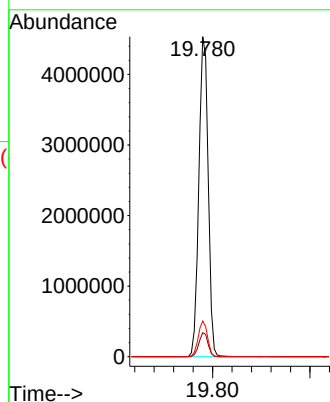
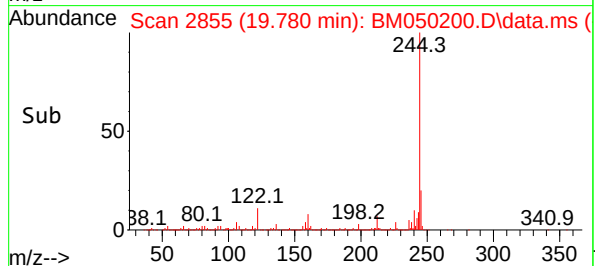


#79
Terphenyl-d14
Concen: 108.610 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

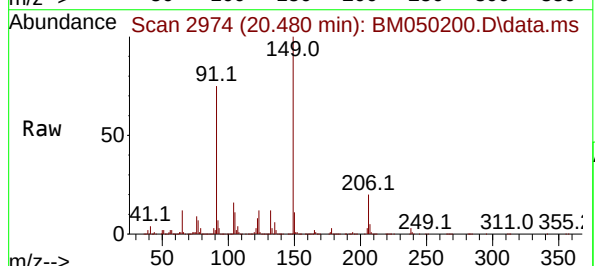
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



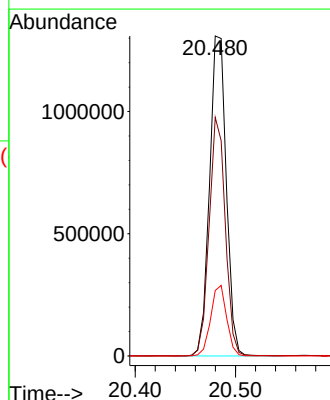
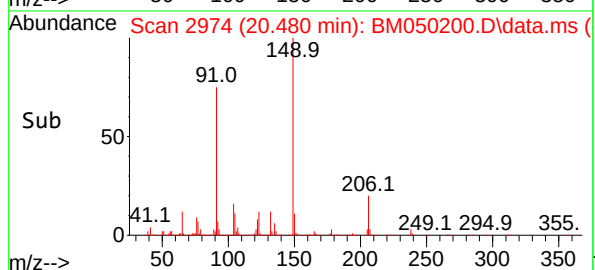
Tgt Ion:244 Resp: 6053045
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.1 8.6 12.8

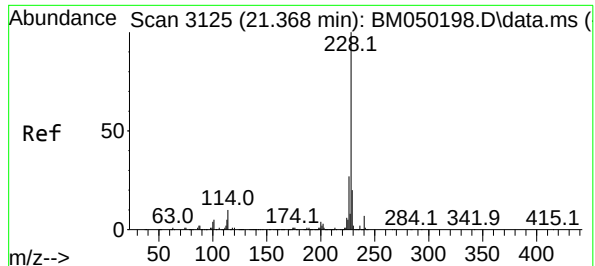


#80
Butylbenzylphthalate
Concen: 64.115 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16



Tgt Ion:149 Resp: 1522384
Ion Ratio Lower Upper
149 100
91 74.6 56.9 85.3
206 20.5 16.1 24.1

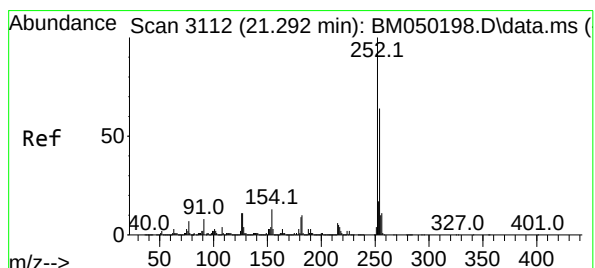
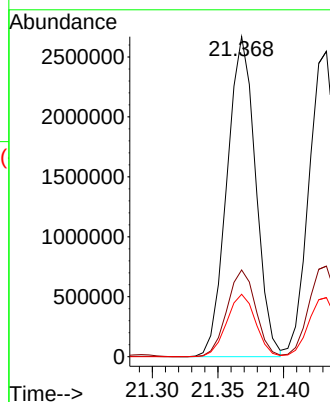
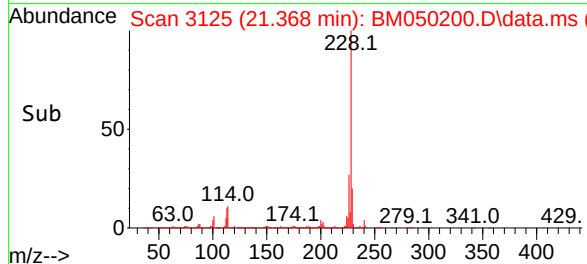
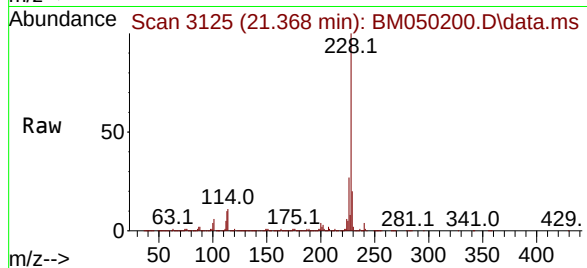




#81
Benzo(a)anthracene
Concen: 60.666 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

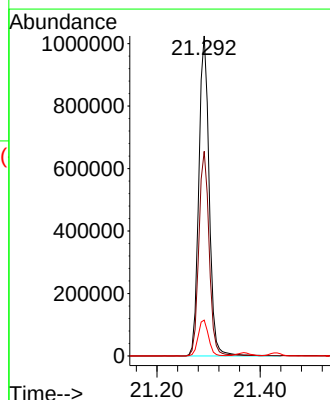
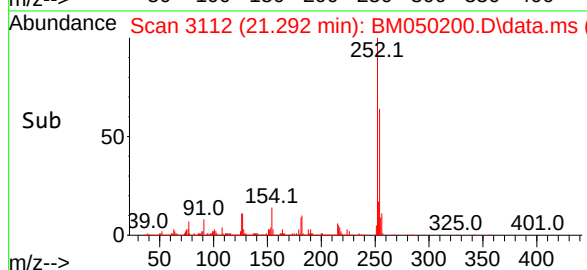
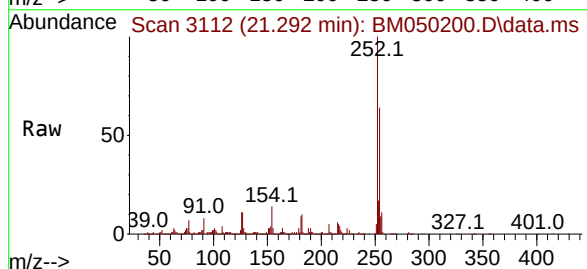
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

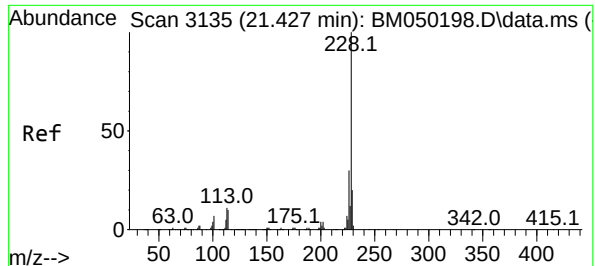
Tgt Ion:228 Resp: 4055461
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 69.874 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:252 Resp: 1424421
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.0
126 11.2 8.6 12.8





#83

Chrysene

Concen: 60.623 ng

RT: 21.433 min Scan# 31

Delta R.T. 0.005 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

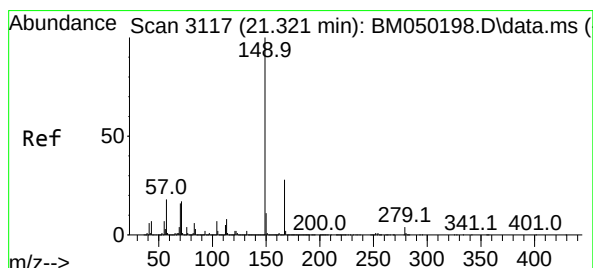
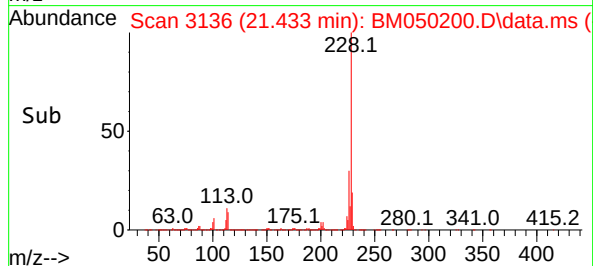
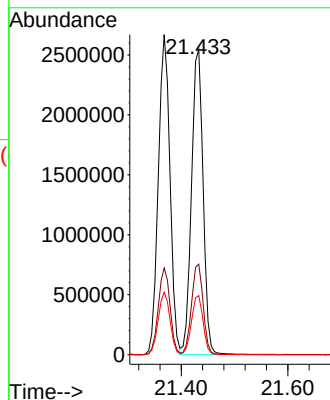
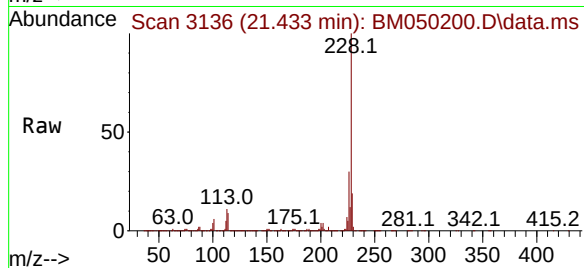
Tgt Ion:228 Resp: 3854906

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

229 19.3 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.231 ng

RT: 21.321 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

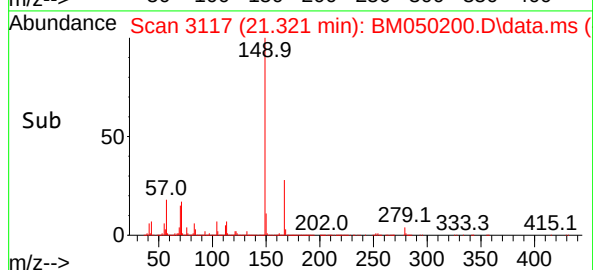
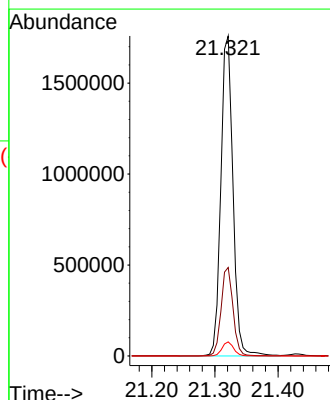
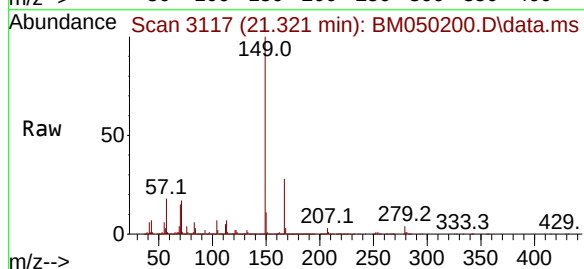
Tgt Ion:149 Resp: 2349225

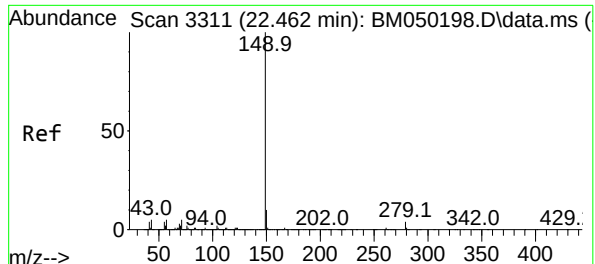
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.4 3.5 5.3

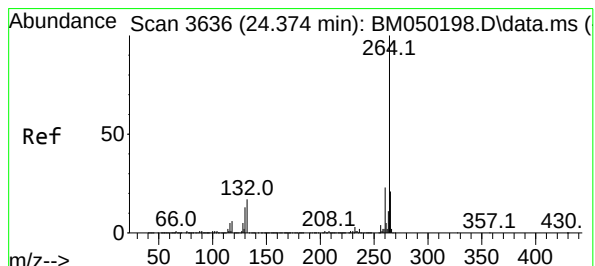
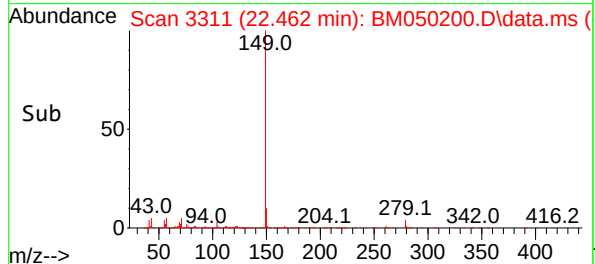
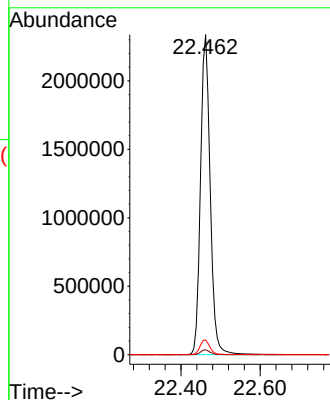
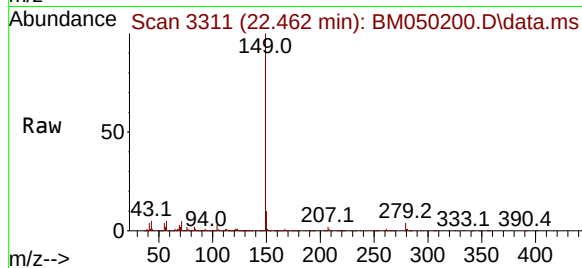




#85
Di-n-octyl phthalate
Concen: 72.708 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

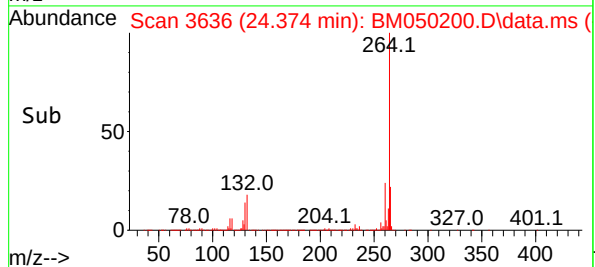
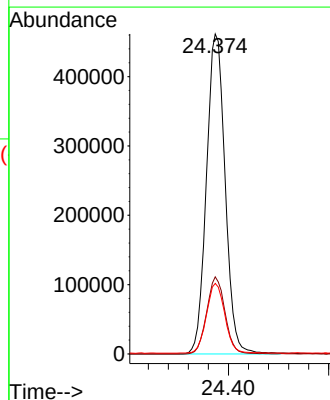
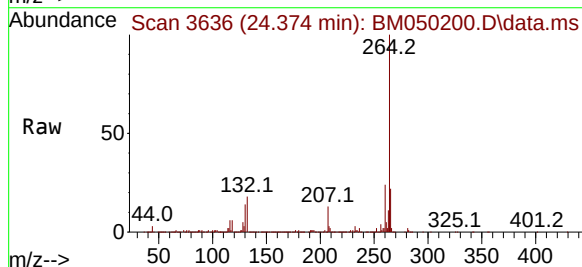
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

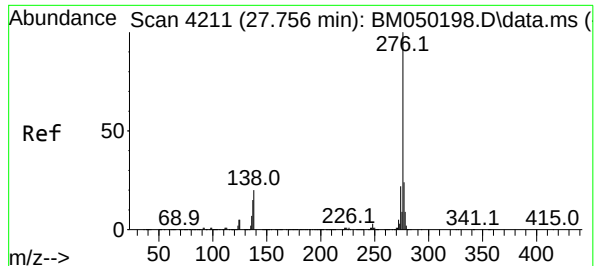
Tgt Ion:149 Resp: 3946065
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.8 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:264 Resp: 1194662
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.1 16.8 25.2

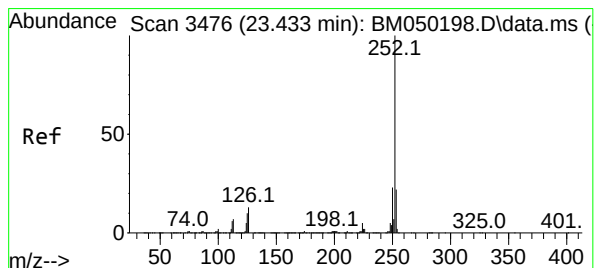
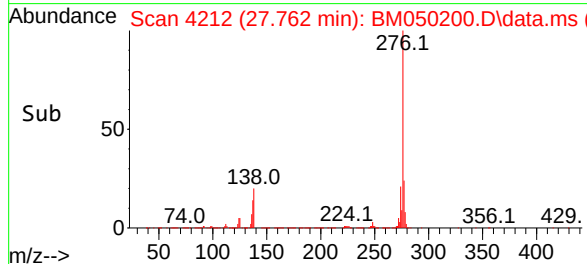
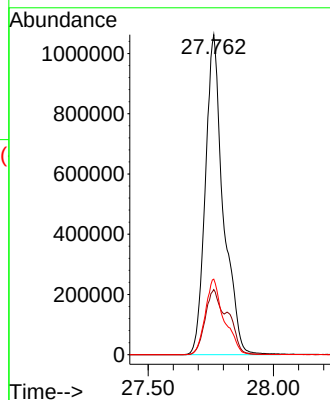
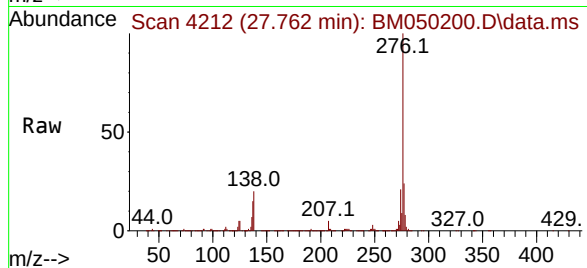




#87
Indeno(1,2,3-cd)pyrene
Concen: 68.579 ng
RT: 27.762 min Scan# 4211
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

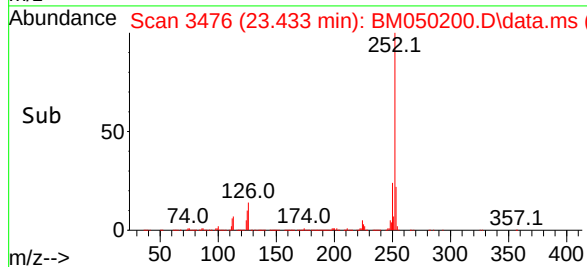
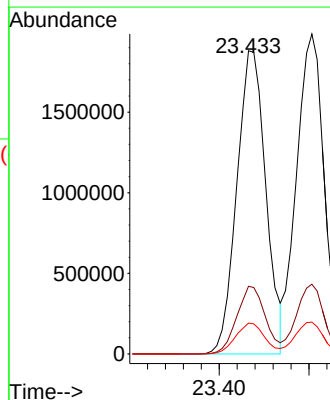
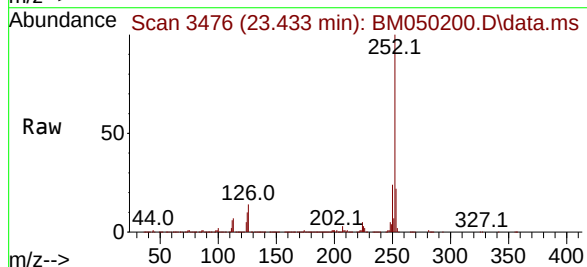
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

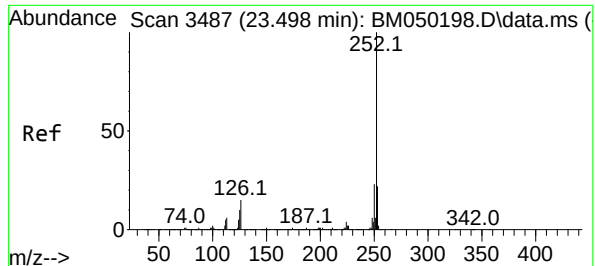
Tgt Ion:276 Resp: 5275171
Ion Ratio Lower Upper
276 100
138 18.1 20.6 30.8#
277 24.8 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 60.790 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:252 Resp: 4222358
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 10.2 8.2 12.4

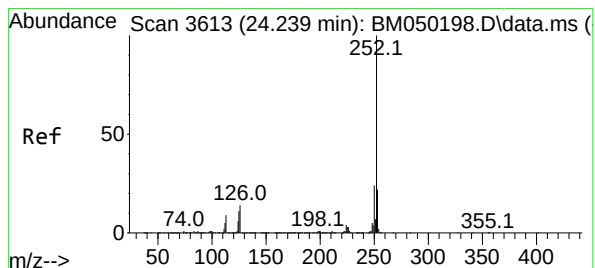
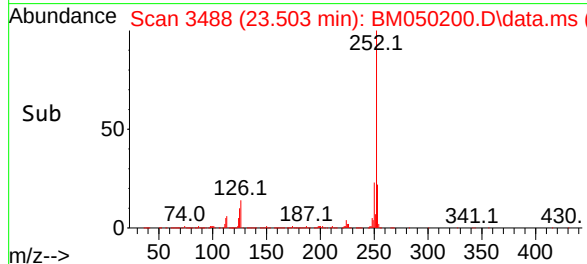
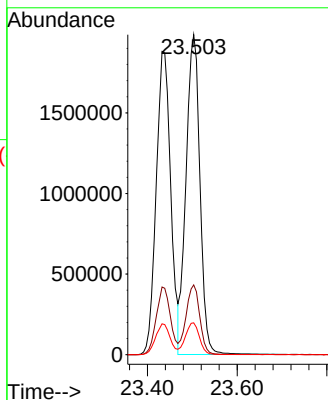
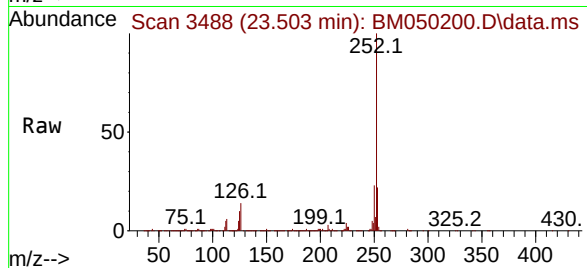




#89
Benzo(k)fluoranthene
Concen: 60.156 ng
RT: 23.503 min Scan# 3488
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

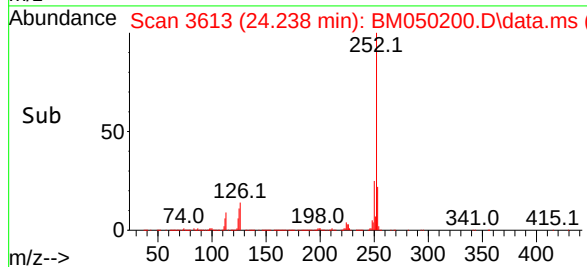
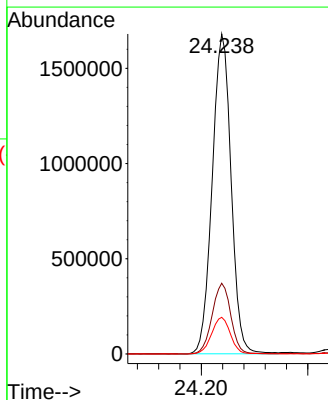
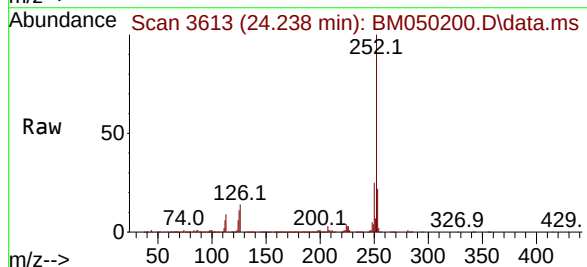
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

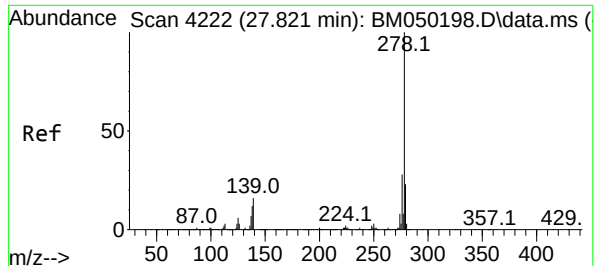
Tgt Ion:252 Resp: 4265446
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.0 8.2 12.4



#90
Benzo(a)pyrene
Concen: 63.280 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Tgt Ion:252 Resp: 4132525
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 68.201 ng

RT: 27.821 min Scan# 4390

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

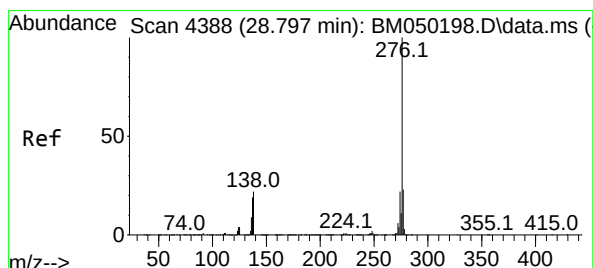
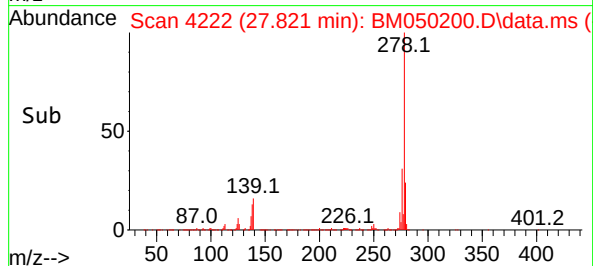
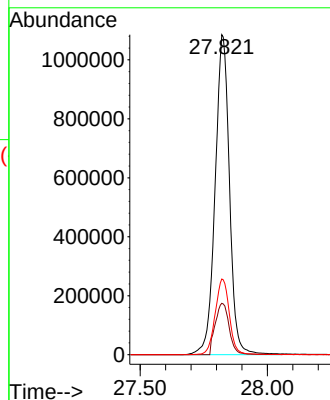
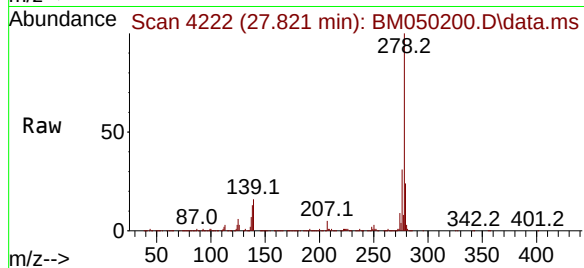
Tgt Ion:278 Resp: 4258292

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

279 23.7 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 68.486 ng

RT: 28.809 min Scan# 4390

Delta R.T. 0.011 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

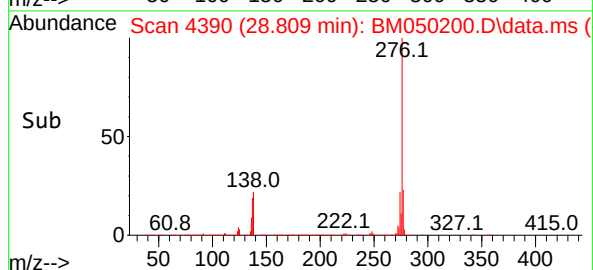
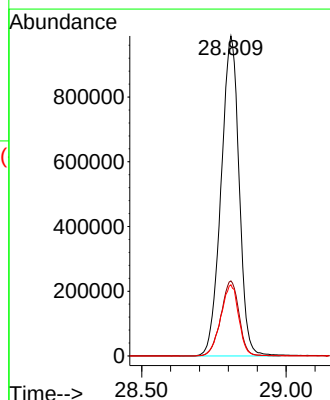
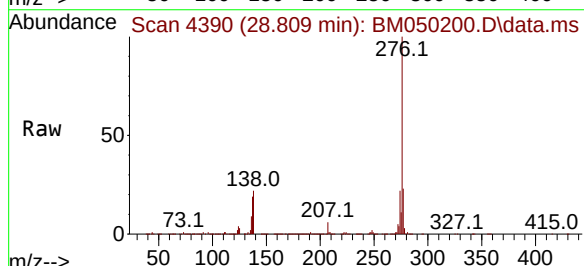
Tgt Ion:276 Resp: 4279836

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 22.3 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050201.D
 Acq On : 05 Jun 2025 13:56
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 05 14:59:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	291644	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1166744	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	653677	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1121619	20.000	ng	0.00
76) Chrysene-d12	21.386	240	978835	20.000	ng	0.00
86) Perylene-d12	24.374	264	1062363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2682374	153.426	ng	0.00
7) Phenol-d6	6.957	99	3537202	153.692	ng	0.00
23) Nitrobenzene-d5	8.945	82	3567235	159.011	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1121188	150.796	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	7130886	147.690	ng	0.00
79) Terphenyl-d14	19.786	244	7496313	145.128	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	568907	74.235	ng	99
3) Pyridine	3.681	79	1547303	77.965	ng	99
4) n-Nitrosodimethylamine	3.599	42	329339	80.251	ng	97
6) Aniline	7.122	93	2369250	77.871	ng	100
8) 2-Chlorophenol	7.357	128	1502113	78.110	ng	98
10) Phenol	6.981	94	1866613	76.653	ng	100
11) bis(2-Chloroethyl)ether	7.216	93	1480567	75.590	ng	98
12) 1,3-Dichlorobenzene	7.681	146	1643168	76.431	ng	99
13) 1,4-Dichlorobenzene	7.828	146	1685110	75.334	ng	100
14) 1,2-Dichlorobenzene	8.140	146	1624137	76.165	ng	99
15) Benzyl Alcohol	8.028	79	1284953	78.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	986129	72.476	ng	98
17) 2-Methylphenol	8.228	107	1245706	77.530	ng	100
18) Hexachloroethane	8.869	117	633589	78.215	ng	99
19) n-Nitroso-di-n-propyla...	8.604	70	1065330	75.641	ng	98
20) 3+4-Methylphenols	8.557	107	1677940	78.056	ng	100
22) Acetophenone	8.610	105	2192477	75.217	ng	100
24) Nitrobenzene	8.987	77	1617938	79.299	ng	99
25) Isophorone	9.516	82	3013669	77.831	ng	100
26) 2-Nitrophenol	9.692	139	788577	89.538	ng	98
27) 2,4-Dimethylphenol	9.757	122	1396376	77.093	ng	98
28) bis(2-Chloroethoxy)met...	9.998	93	1960708	77.513	ng	100
29) 2,4-Dichlorophenol	10.228	162	1350619	80.653	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	1456329	78.151	ng	100
31) Naphthalene	10.628	128	4521397	74.953	ng	100
32) Benzoic acid	9.916	122	1021552	89.827	ng	99
33) 4-Chloroaniline	10.734	127	1968786	76.553	ng	99
34) Hexachlorobutadiene	10.928	225	876137	79.043	ng	100
35) Caprolactam	11.522	113	417728	78.683	ng	97
36) 4-Chloro-3-methylphenol	11.857	107	1393503	77.985	ng	99
37) 2-Methylnaphthalene	12.239	142	2773230	76.205	ng	99
38) 1-Methylnaphthalene	12.463	142	2903763	75.179	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1499750	79.455	ng	100
41) Hexachlorocyclopentadiene	12.598	237	1024557	89.378	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	1035769	83.443	ng	100
44) 2,4,5-Trichlorophenol	12.916	196	1122919	82.394	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050201.D
 Acq On : 05 Jun 2025 13:56
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 05 14:59:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

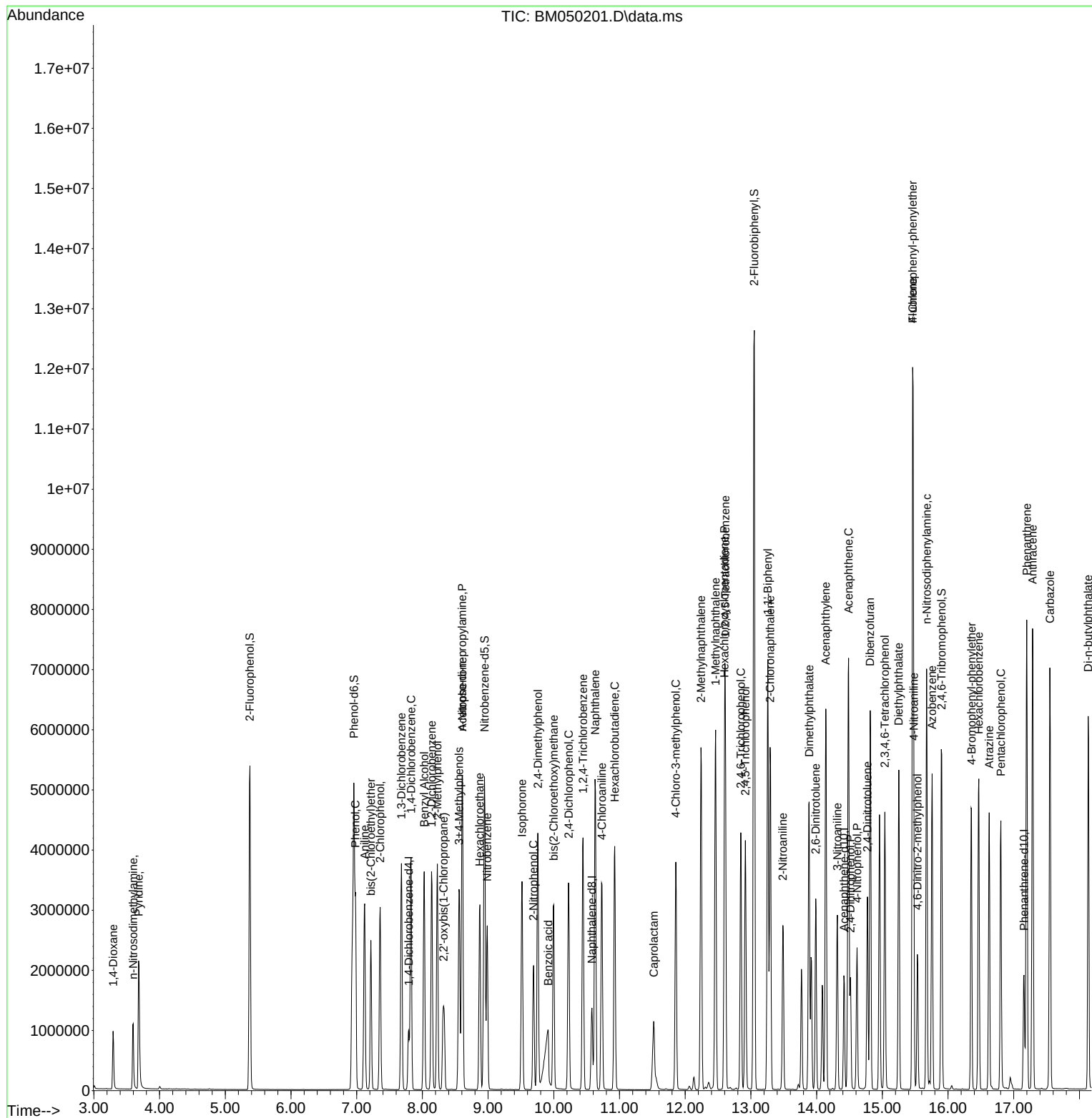
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.257	154	3756723	76.752	ng	99
47) 2-Chloronaphthalene	13.292	162	2936913	77.180	ng	99
48) 2-Nitroaniline	13.486	65	725090	86.588	ng	98
49) Acenaphthylene	14.139	152	4768813	77.481	ng	100
50) Dimethylphthalate	13.886	163	3356061	75.915	ng	100
51) 2,6-Dinitrotoluene	13.986	165	743566	83.403	ng	98
52) Acenaphthene	14.486	154	2945563	76.514	ng	99
53) 3-Nitroaniline	14.316	138	820084	82.536	ng	98
54) 2,4-Dinitrophenol	14.516	184	419557	79.818	ng	95
55) Dibenzofuran	14.816	168	4229270	75.092	ng	99
56) 4-Nitrophenol	14.616	139	684831	80.978	ng	97
57) 2,4-Dinitrotoluene	14.774	165	994115	84.530	ng	97
58) Fluorene	15.463	166	3057322	70.874	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	915334	77.626	ng	93
60) Diethylphthalate	15.251	149	3236518	73.786	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1497395	71.823	ng	98
62) 4-Nitroaniline	15.480	138	746446	80.153	ng	99
63) Azobenzene	15.757	77	3216935	73.375	ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	540790	88.276	ng	98
66) n-Nitrosodiphenylamine	15.674	169	2805368	79.603	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	977940	81.762	ng	97
68) Hexachlorobenzene	16.468	284	1117623	79.976	ng	97
69) Atrazine	16.627	200	913622	81.362	ng	99
70) Pentachlorophenol	16.804	266	766580	84.374	ng	99
71) Phenanthrene	17.198	178	4793533	74.812	ng	100
72) Anthracene	17.286	178	4900912	76.458	ng	99
73) Carbazole	17.551	167	4417127	75.641	ng	100
74) Di-n-butylphthalate	18.133	149	4904225	77.184	ng	100
75) Fluoranthene	19.209	202	5027290	74.400	ng	99
77) Benzidine	19.392	184	2034794	73.924	ng	100
78) Pyrene	19.568	202	5224283	79.187	ng	99
80) Butylbenzylphthalate	20.480	149	1897236	86.212	ng	98
81) Benzo(a)anthracene	21.368	228	4797580	77.435	ng	99
82) 3,3'-Dichlorobenzidine	21.292	252	1627542	86.143	ng	100
83) Chrysene	21.433	228	4547461	77.162	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2796211	82.490	ng	99
85) Di-n-octyl phthalate	22.462	149	4575834	90.971	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	5980793	87.435	ng	100
88) Benzo(b)fluoranthene	23.439	252	4811379	77.897	ng	99
89) Benzo(k)fluoranthene	23.503	252	4862610	77.118	ng	100
90) Benzo(a)pyrene	24.239	252	4719647	81.270	ng	100
91) Dibenzo(a,h)anthracene	27.821	278	4849919	87.349	ng	99
92) Benzo(g,h,i)perylene	28.815	276	4870648	87.646	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

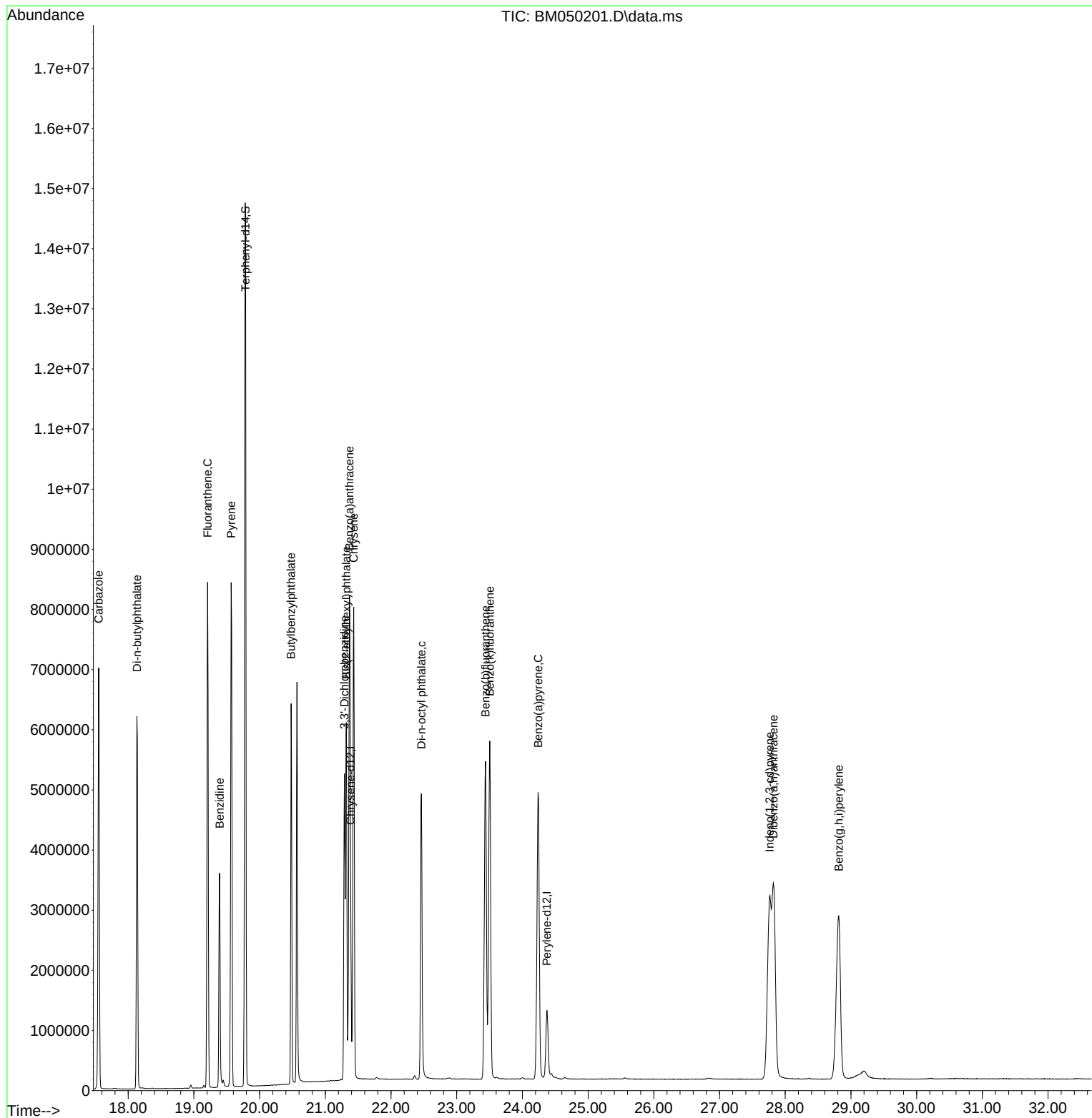
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

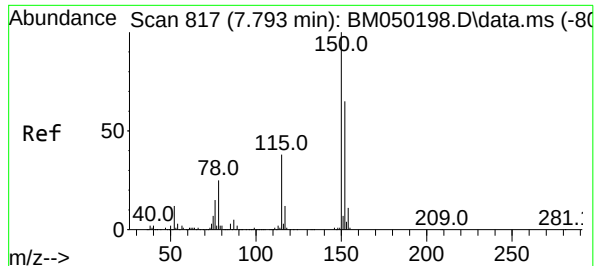


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Data File : BM050201.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

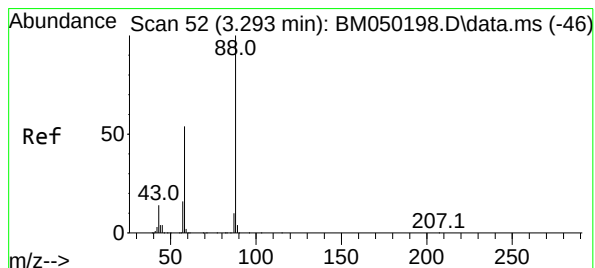
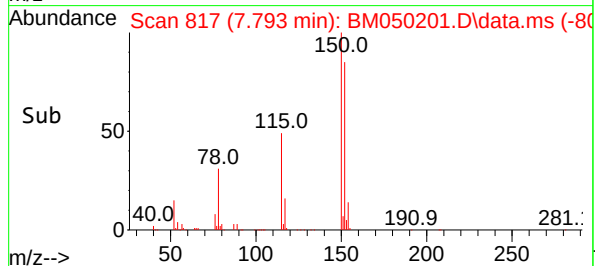
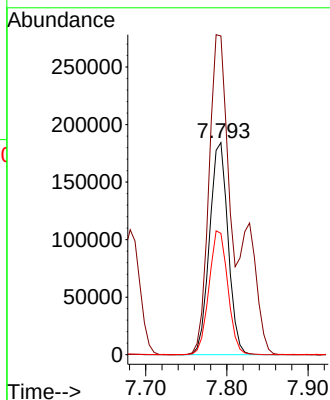
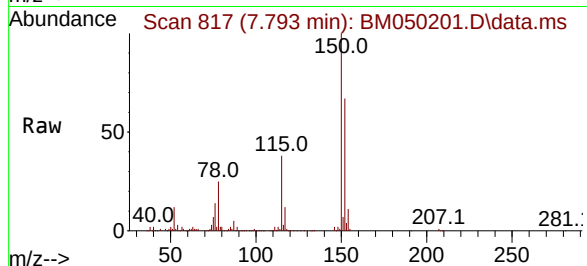




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

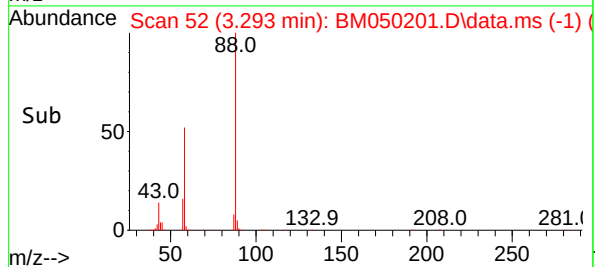
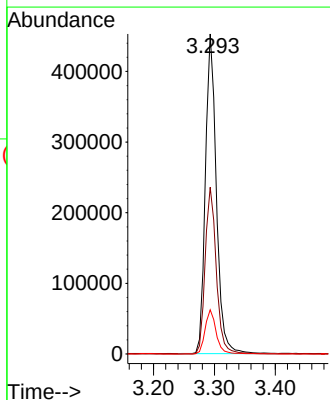
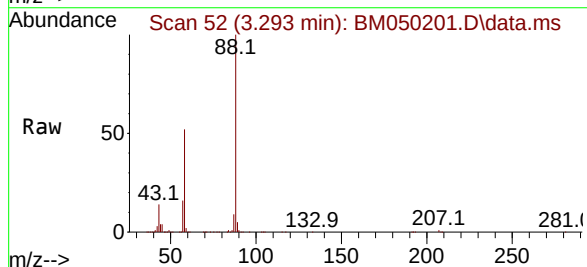
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

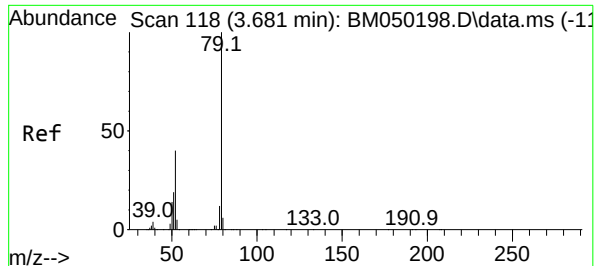
Tgt Ion:152 Resp: 291644
Ion Ratio Lower Upper
152 100
150 150.4 122.2 183.4
115 57.2 46.3 69.5



#2
1,4-Dioxane
Concen: 74.235 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 88 Resp: 568907
Ion Ratio Lower Upper
88 100
58 52.9 42.9 64.3
43 13.9 11.0 16.6

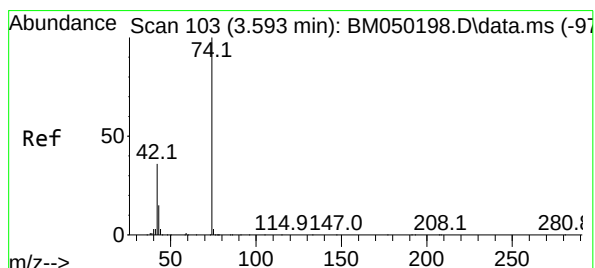
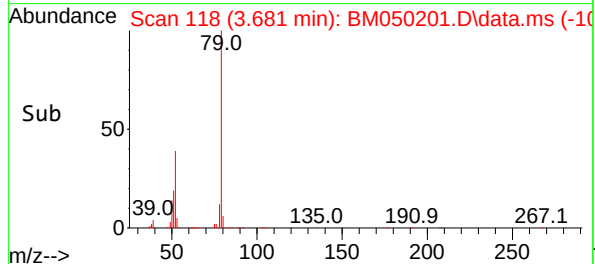
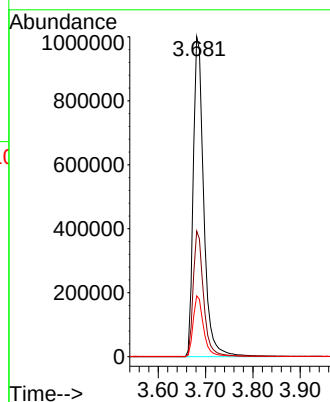
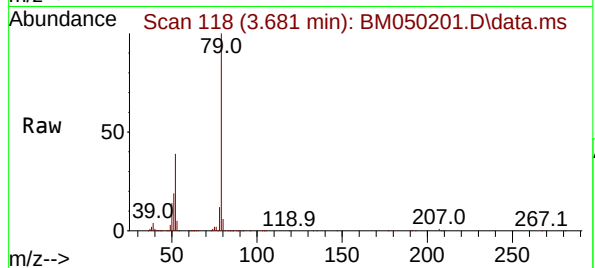




#3
Pyridine
Concen: 77.965 ng
RT: 3.681 min Scan# 118
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

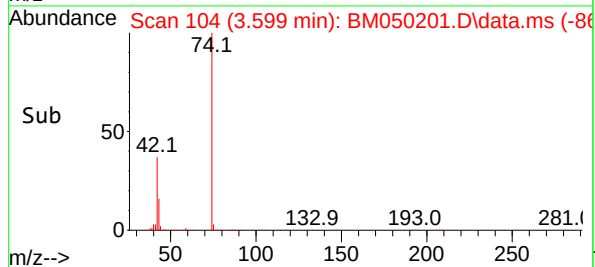
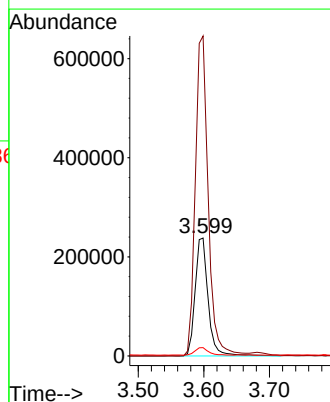
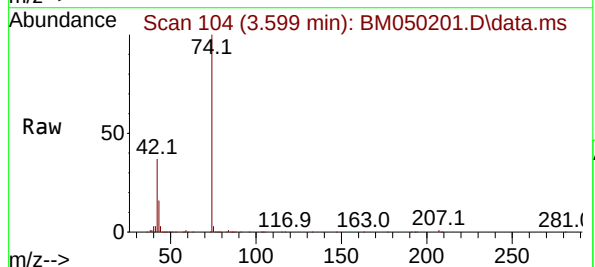
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

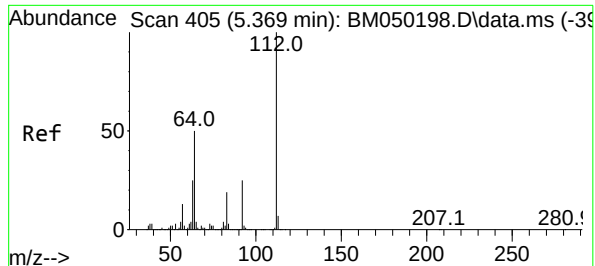
Tgt Ion: 79 Resp: 1547303
Ion Ratio Lower Upper
79 100
52 39.3 32.1 48.1
51 19.0 15.4 23.0



#4
n-Nitrosodimethylamine
Concen: 80.251 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 42 Resp: 329339
Ion Ratio Lower Upper
42 100
74 271.2 222.0 333.0
44 7.0 7.0 10.6





#5

2-Fluorophenol

Concen: 153.426 ng

RT: 5.375 min Scan# 405

Delta R.T. 0.006 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

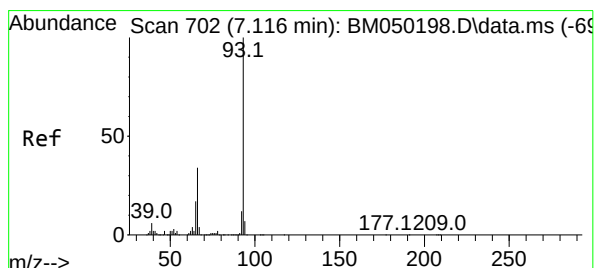
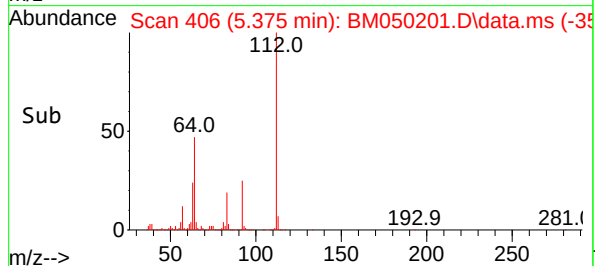
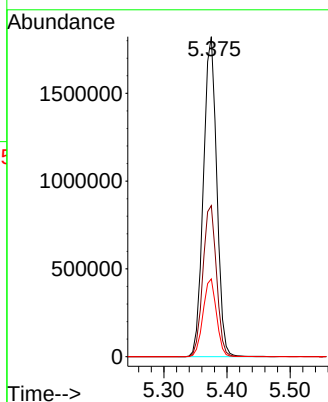
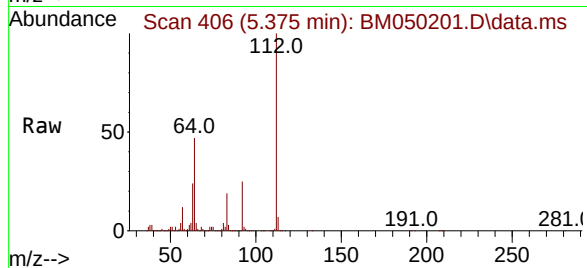
Tgt Ion:112 Resp: 2682374

Ion Ratio Lower Upper

112 100

64 47.2 39.8 59.6

63 24.3 19.8 29.8



#6

Aniline

Concen: 77.871 ng

RT: 7.122 min Scan# 703

Delta R.T. 0.006 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

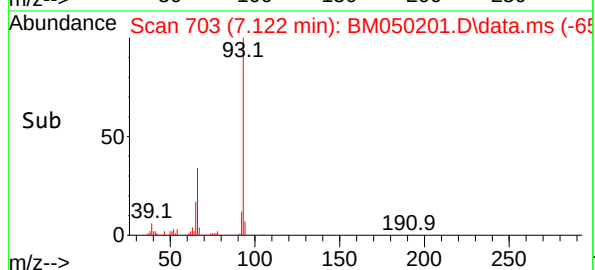
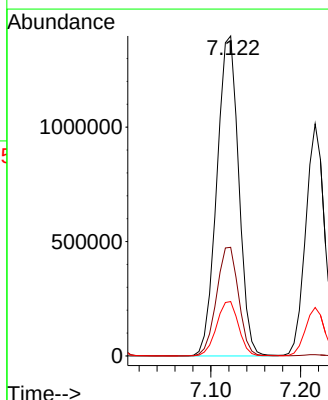
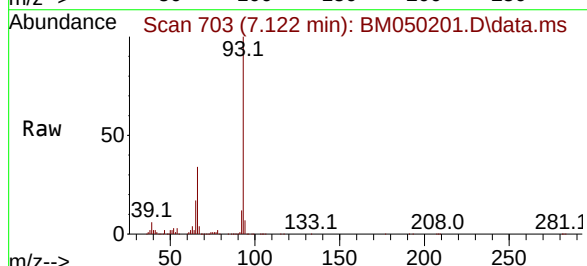
Tgt Ion: 93 Resp: 2369250

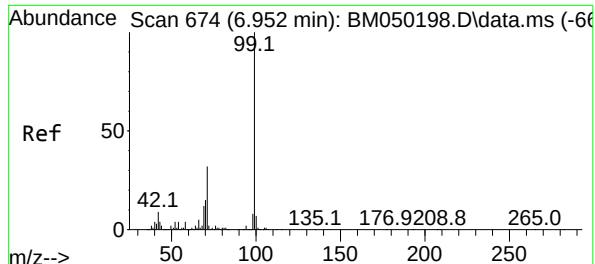
Ion Ratio Lower Upper

93 100

66 34.0 27.4 41.2

65 17.0 13.6 20.4

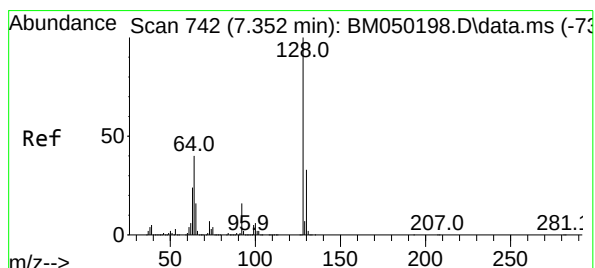
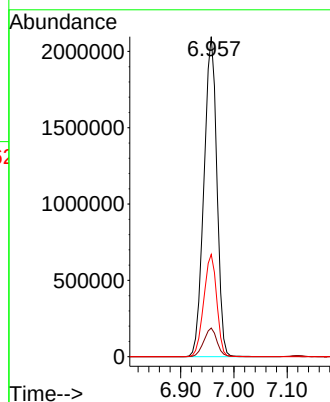
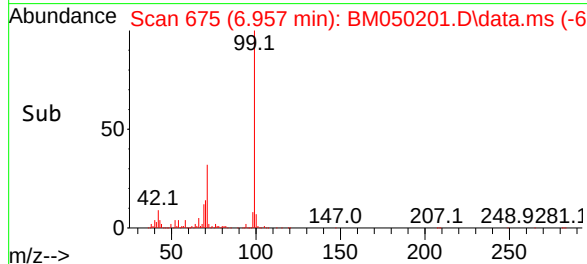
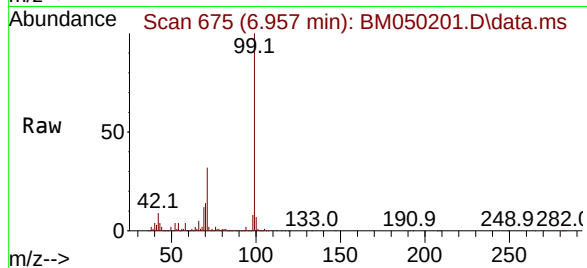




#7
Phenol-d6
Concen: 153.692 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

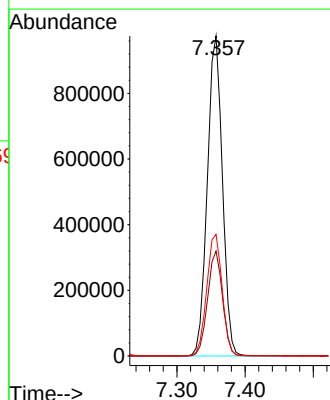
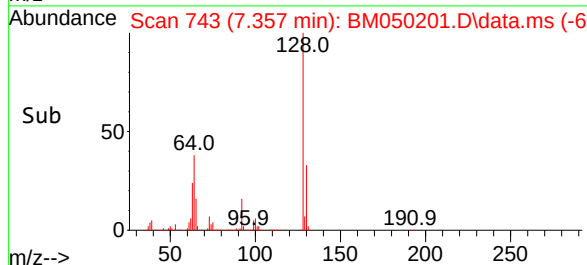
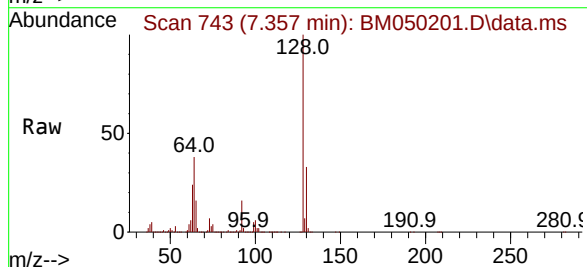
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

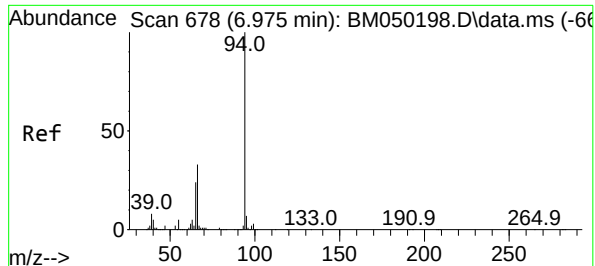
Tgt Ion: 99 Resp: 3537202
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 32.0 25.3 37.9



#8
2-Chlorophenol
Concen: 78.110 ng
RT: 7.357 min Scan# 743
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 128 Resp: 1502113
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 38.0 19.8 59.8





#10

Phenol

Concen: 76.653 ng

RT: 6.981 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Instrument :

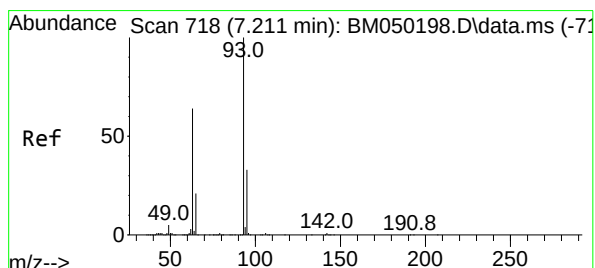
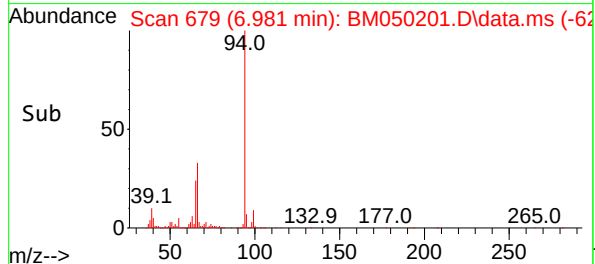
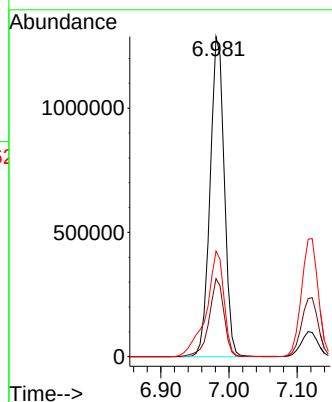
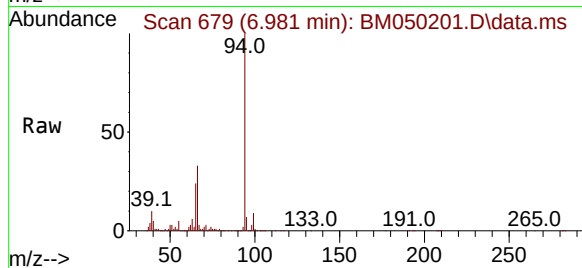
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion: 94 Resp: 1866613

Ion	Ratio	Lower	Upper
94	100		
65	24.4	4.3	44.3
66	33.0	12.9	52.9



#11

bis(2-Chloroethyl)ether

Concen: 75.590 ng

RT: 7.216 min Scan# 719

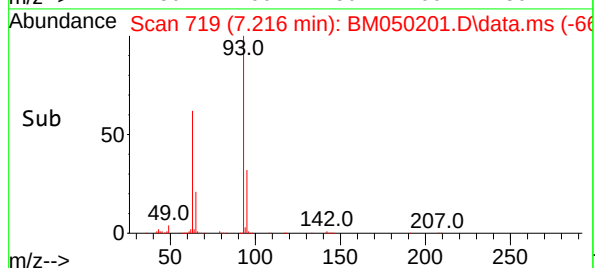
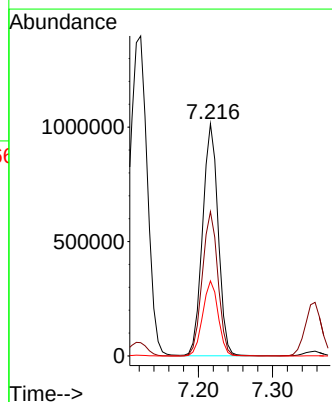
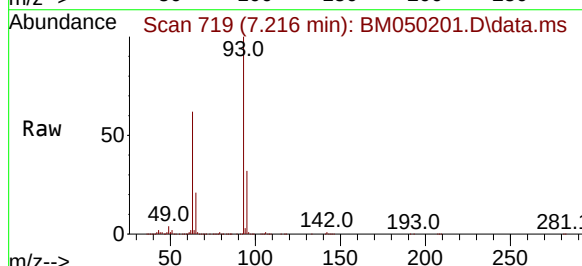
Delta R.T. 0.006 min

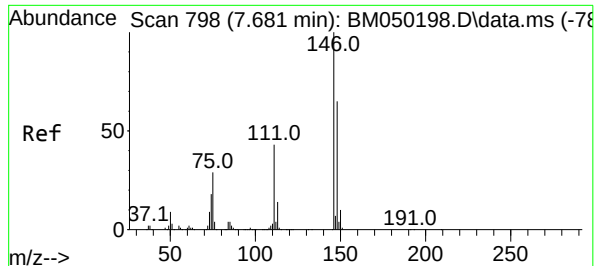
Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Tgt Ion: 93 Resp: 1480567

Ion	Ratio	Lower	Upper
93	100		
63	62.1	43.9	83.9
95	32.3	12.7	52.7





#12

1,3-Dichlorobenzene

Concen: 76.431 ng

RT: 7.681 min Scan# 798

Delta R.T. -0.000 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

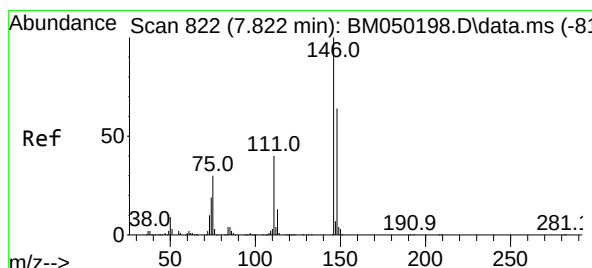
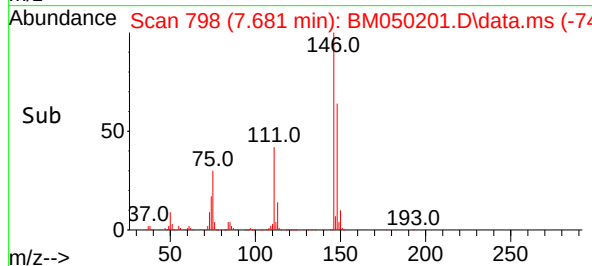
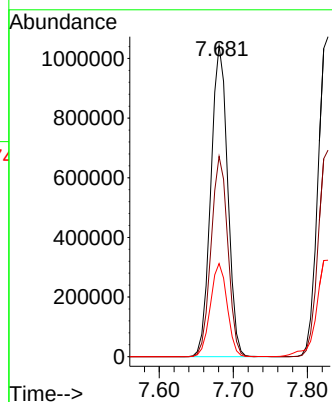
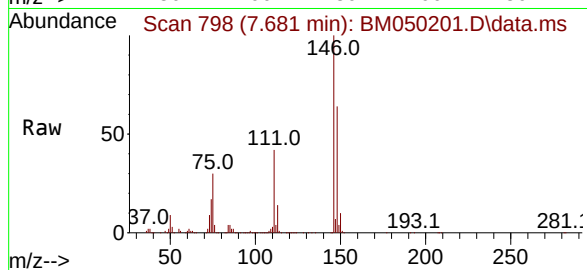
Tgt Ion:146 Resp: 1643168

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

75 30.0 23.4 35.0



#13

1,4-Dichlorobenzene

Concen: 75.334 ng

RT: 7.828 min Scan# 823

Delta R.T. 0.006 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

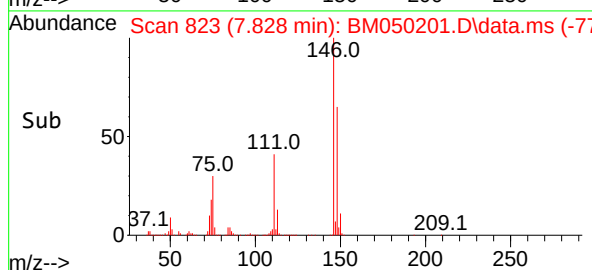
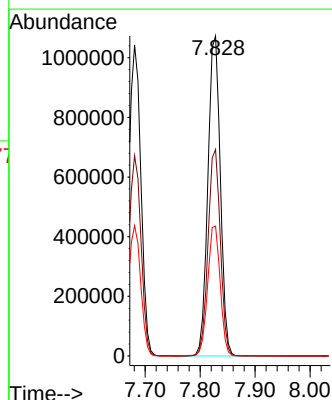
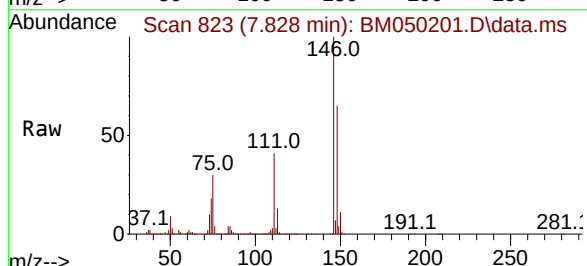
Tgt Ion:146 Resp: 1685110

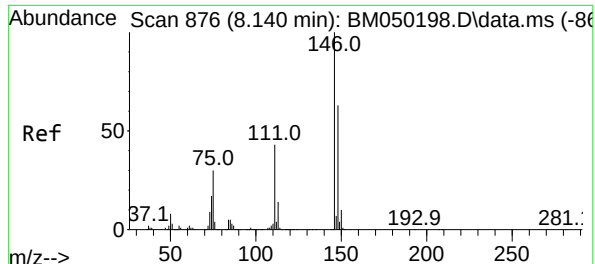
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

111 40.6 32.3 48.5





#14

1,2-Dichlorobenzene

Concen: 76.165 ng

RT: 8.140 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

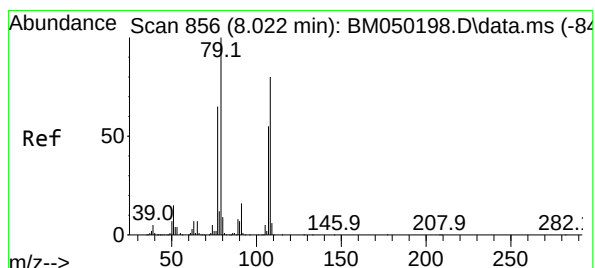
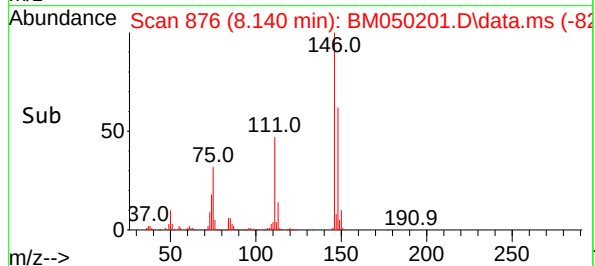
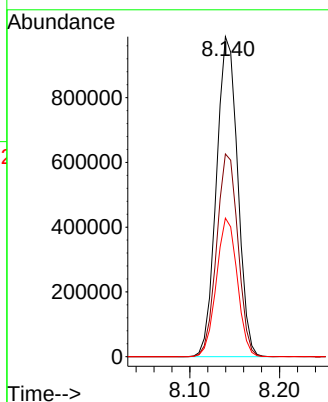
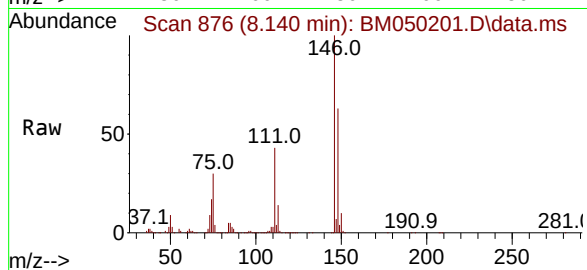
Tgt Ion:146 Resp: 1624137

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

111 43.3 34.3 51.5



#15

Benzyl Alcohol

Concen: 78.279 ng

RT: 8.028 min Scan# 857

Delta R.T. 0.006 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

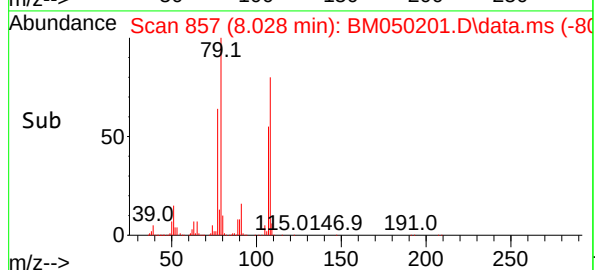
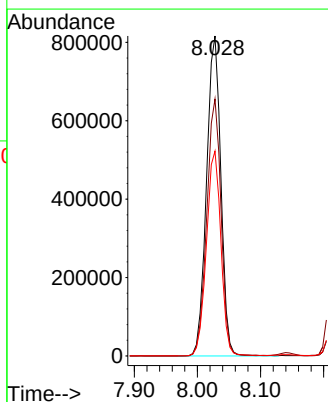
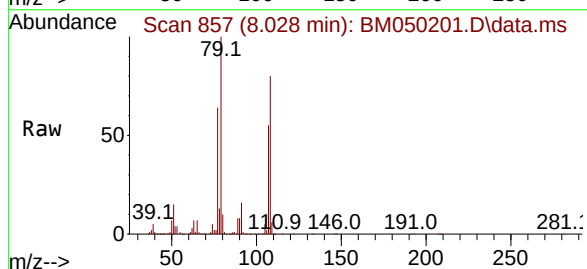
Tgt Ion: 79 Resp: 1284953

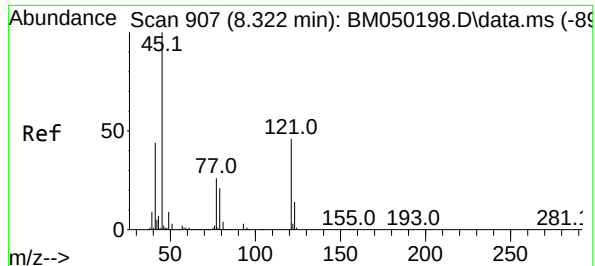
Ion Ratio Lower Upper

79 100

108 80.3 64.0 96.0

77 64.0 52.2 78.2

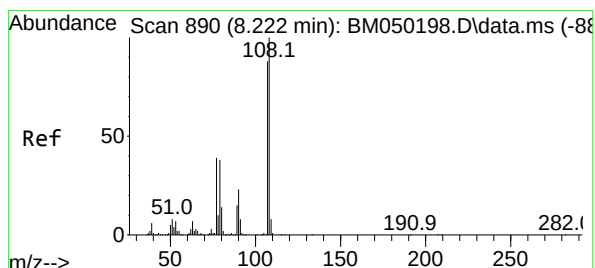
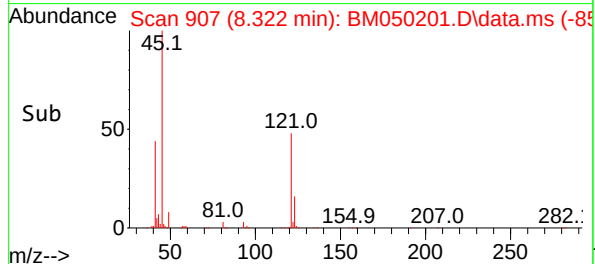
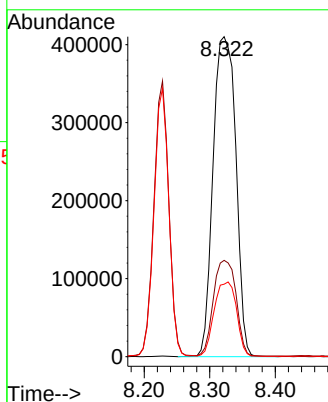
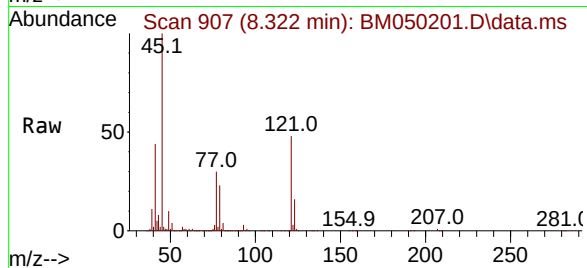




#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.476 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

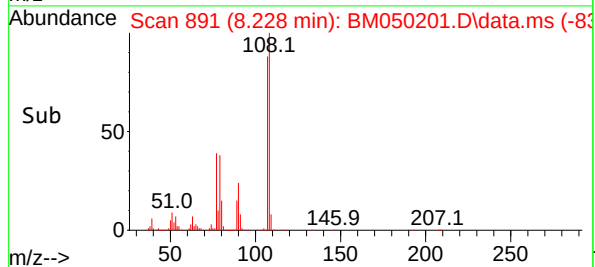
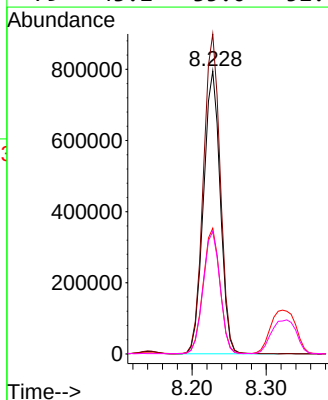
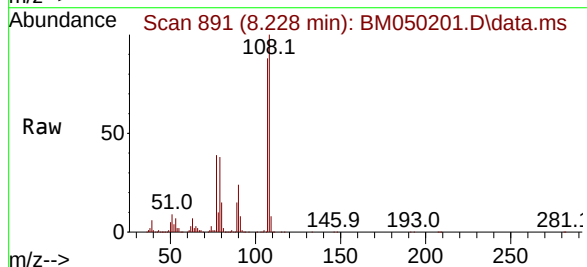
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

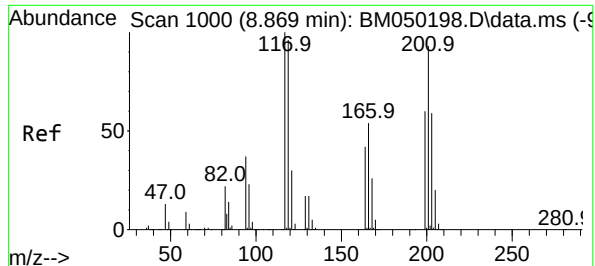
Tgt Ion: 45 Resp: 986129
Ion Ratio Lower Upper
45 100
77 30.1 8.7 48.7
79 22.6 2.7 42.7



#17
2-Methylphenol
Concen: 77.530 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 107 Resp: 1245706
Ion Ratio Lower Upper
107 100
108 113.1 90.8 136.2
77 44.4 35.7 53.5
79 43.2 35.0 52.4

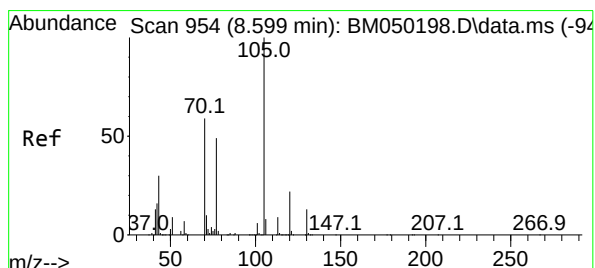
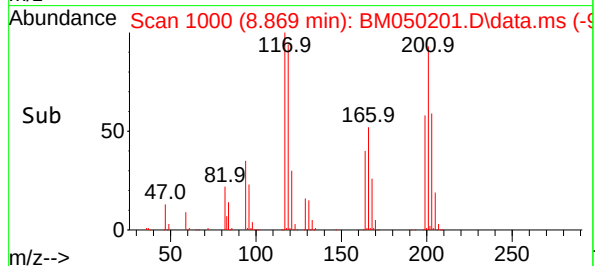
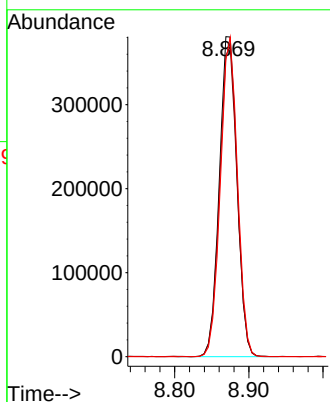
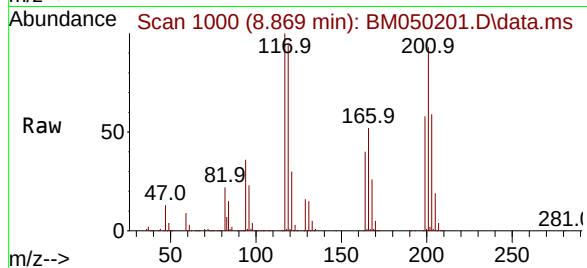




#18
Hexachloroethane
Concen: 78.215 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

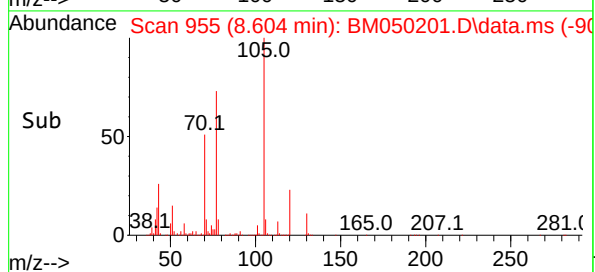
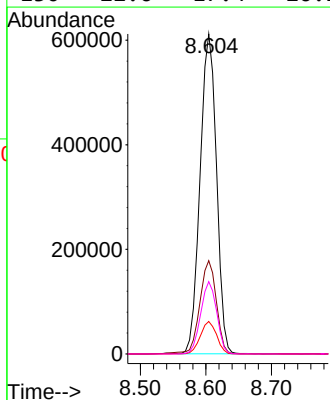
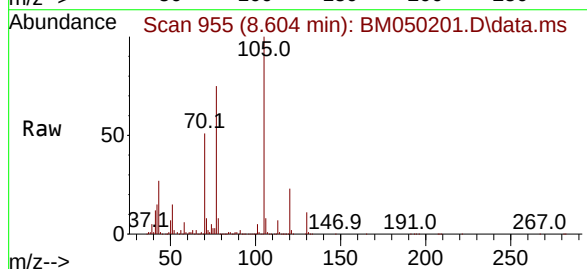
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

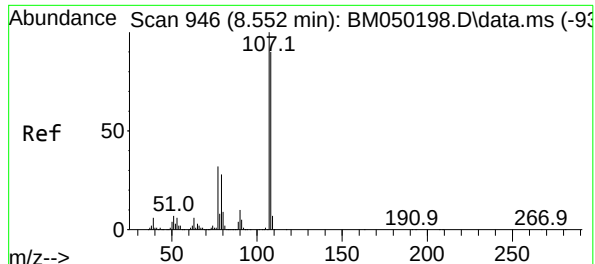
Tgt Ion:117 Resp: 633589
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.6
201 92.8 74.6 111.8



#19
n-Nitroso-di-n-propylamine
Concen: 75.641 ng
RT: 8.604 min Scan# 955
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 70 Resp: 1065330
Ion Ratio Lower Upper
70 100
42 29.1 22.6 33.8
101 10.1 8.3 12.5
130 22.6 17.4 26.2





#20

3+4-Methylphenols

Concen: 78.056 ng

RT: 8.557 min Scan# 946

Delta R.T. 0.006 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Instrument :

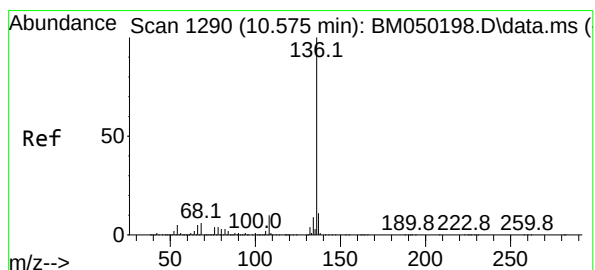
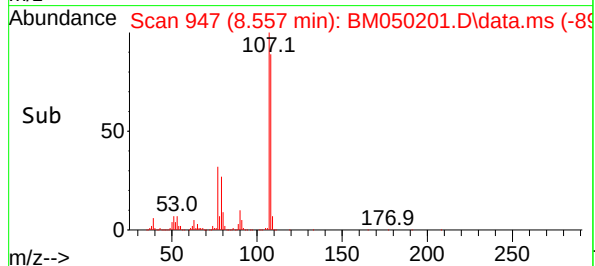
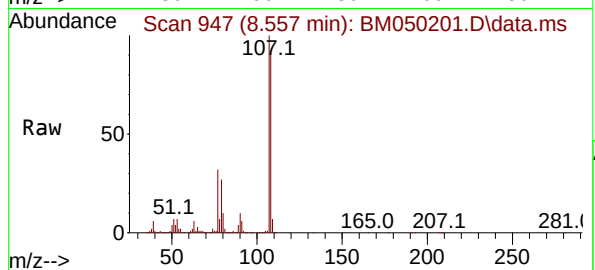
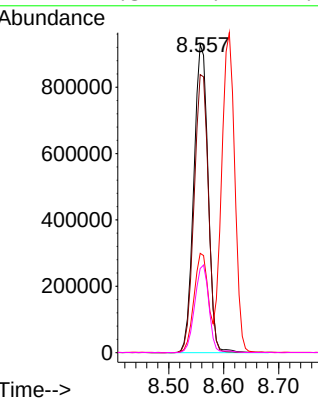
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 1677940

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.4	110.4
77	32.3	12.2	52.2
79	27.3	7.7	47.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.581 min Scan# 1291

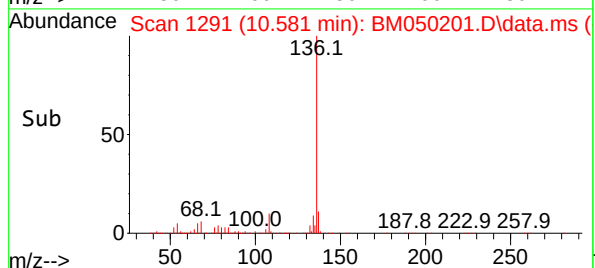
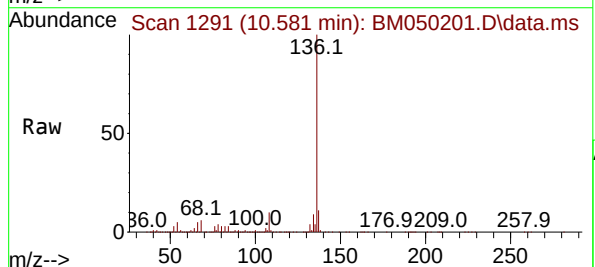
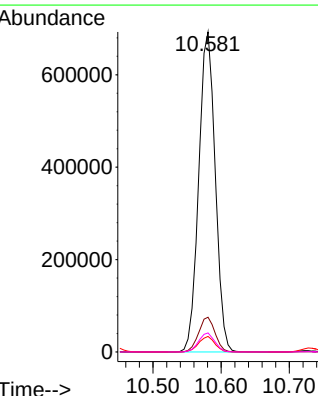
Delta R.T. 0.006 min

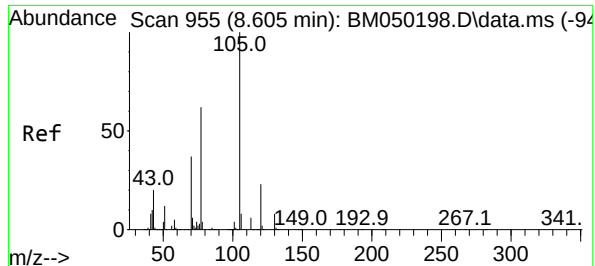
Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Tgt Ion:136 Resp: 1166744

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.8	3.8	5.8
68	6.0	4.9	7.3

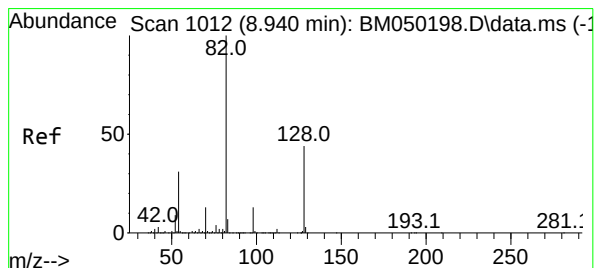
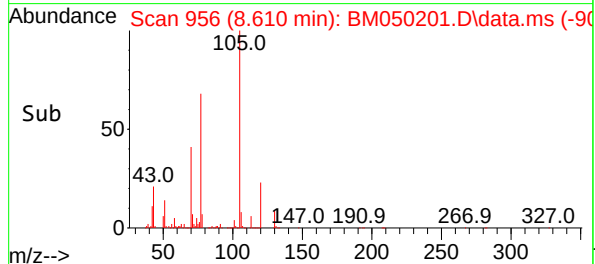
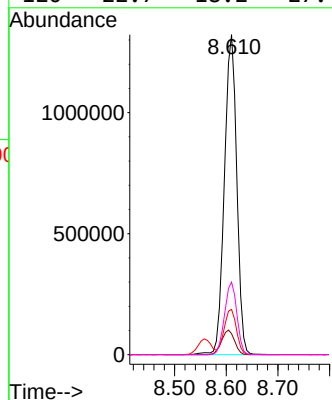
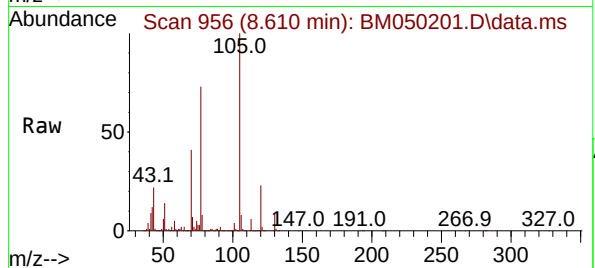




#22
Acetophenone
Concen: 75.217 ng
RT: 8.610 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

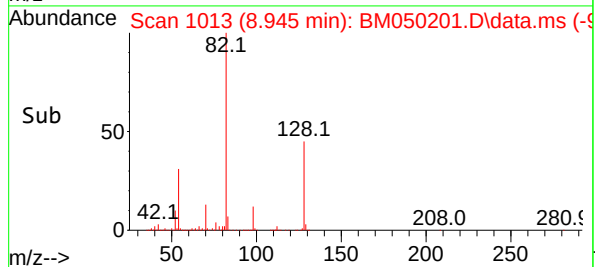
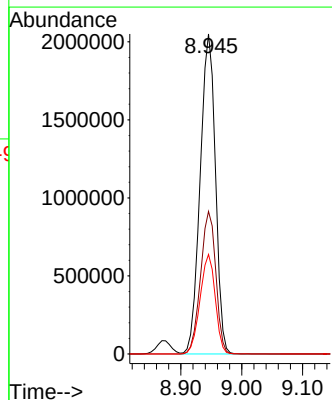
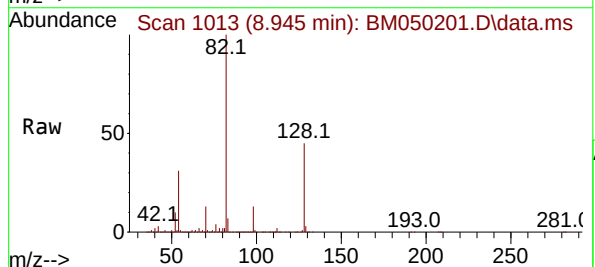
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

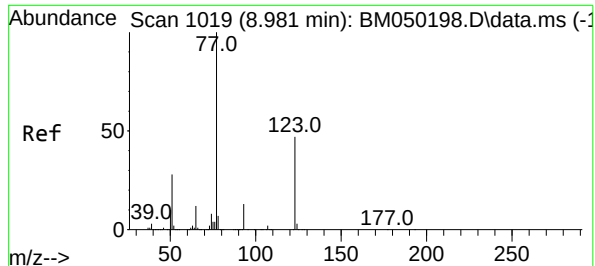
Tgt Ion:105 Resp: 2192477
Ion Ratio Lower Upper
105 100
71 6.6 5.0 7.4
51 14.2 11.4 17.2
120 22.7 18.2 27.4



#23
Nitrobenzene-d5
Concen: 159.011 ng
RT: 8.945 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 82 Resp: 3567235
Ion Ratio Lower Upper
82 100
128 44.6 35.2 52.8
54 31.1 24.5 36.7

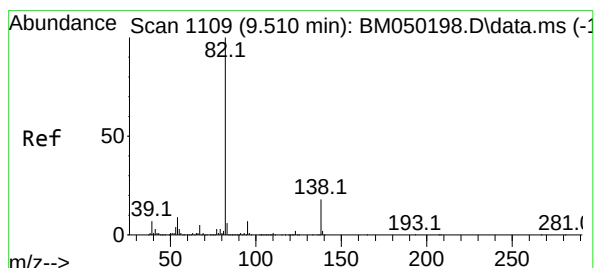
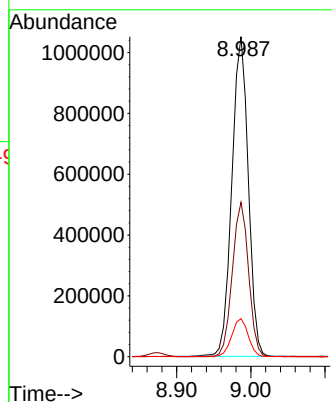
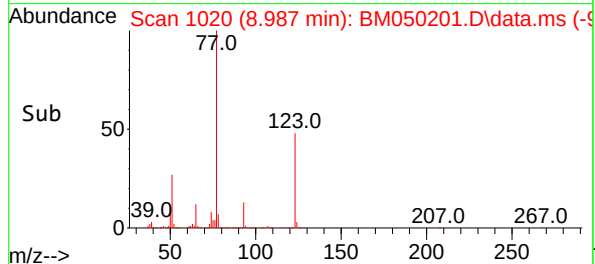
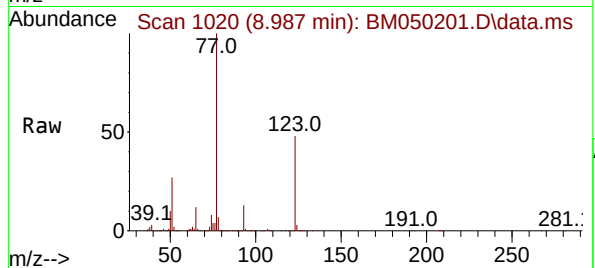




#24
Nitrobenzene
Concen: 79.299 ng
RT: 8.987 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

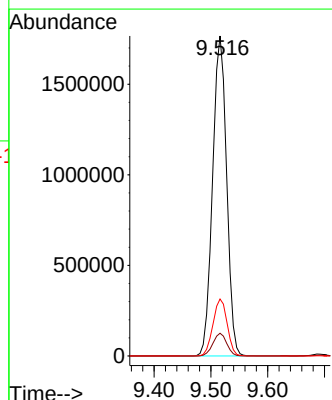
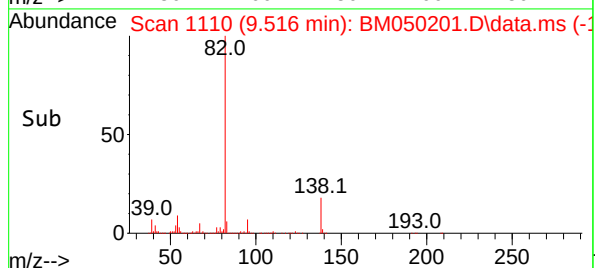
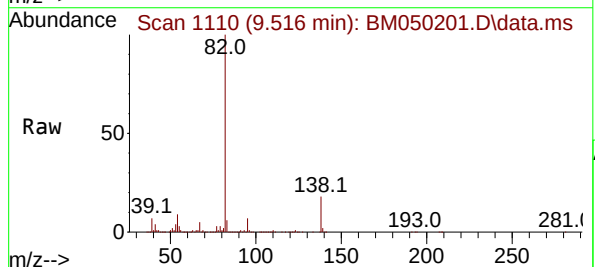
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

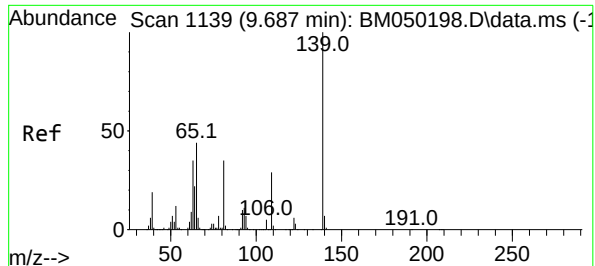
Tgt Ion: 77 Resp: 1617938
Ion Ratio Lower Upper
77 100
123 48.3 38.2 57.2
65 11.9 9.5 14.3



#25
Isophorone
Concen: 77.831 ng
RT: 9.516 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 82 Resp: 3013669
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.8 14.2 21.2

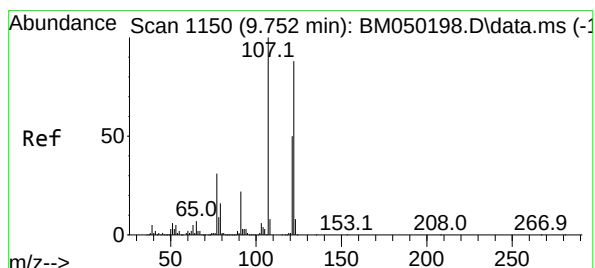
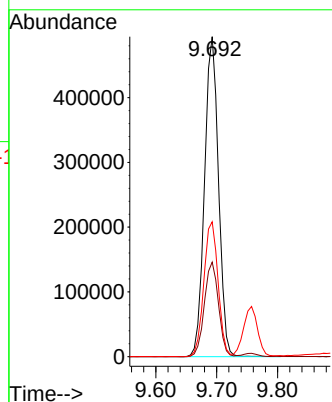
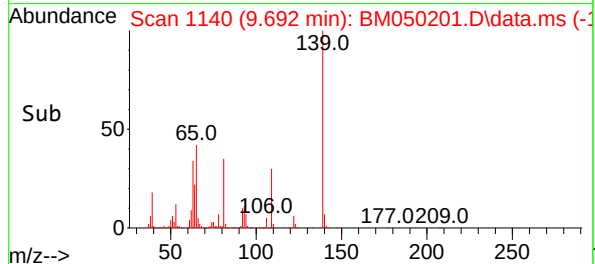
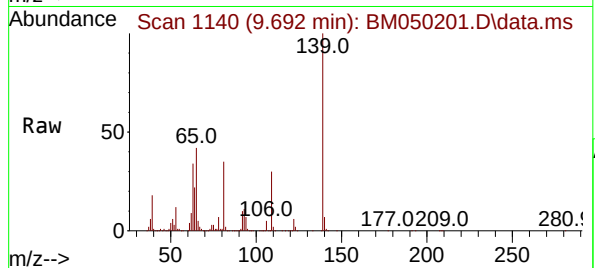




#26
2-Nitrophenol
Concen: 89.538 ng
RT: 9.692 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

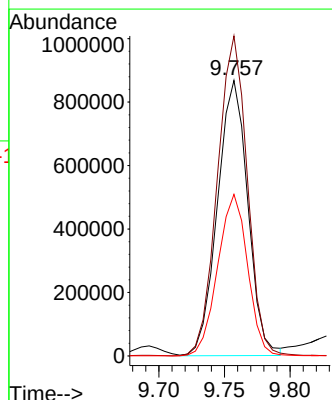
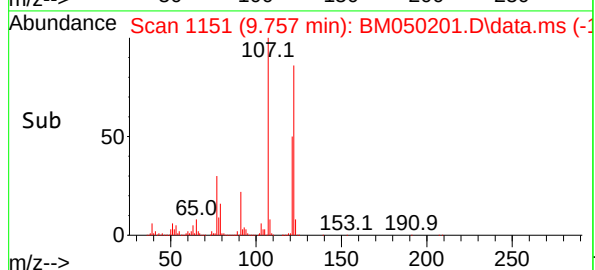
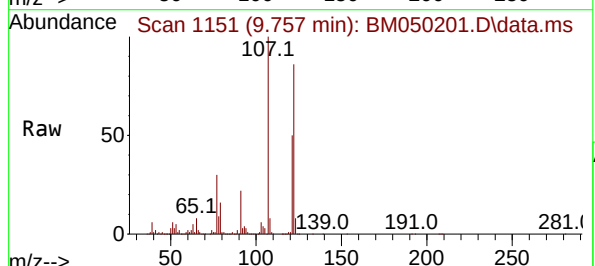
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

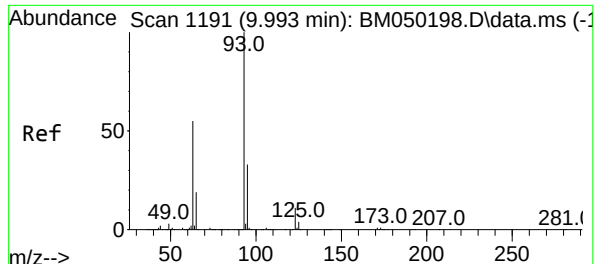
Tgt Ion:139 Resp: 788577
Ion Ratio Lower Upper
139 100
109 29.6 23.3 34.9
65 42.2 35.2 52.8



#27
2,4-Dimethylphenol
Concen: 77.093 ng
RT: 9.757 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:122 Resp: 1396376
Ion Ratio Lower Upper
122 100
107 116.1 91.0 136.6
121 58.6 45.8 68.6

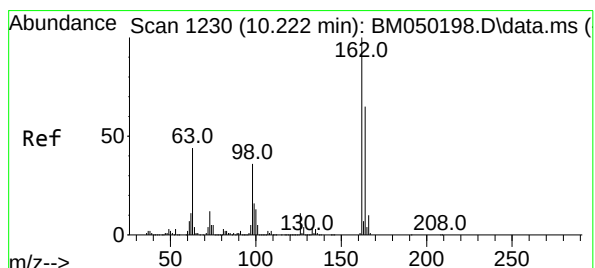
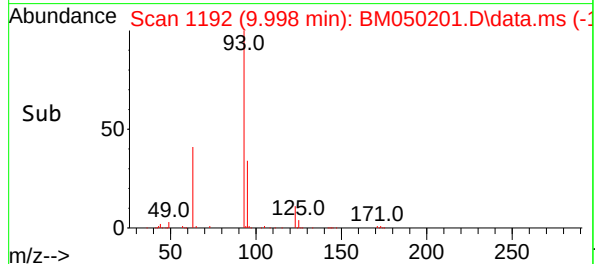
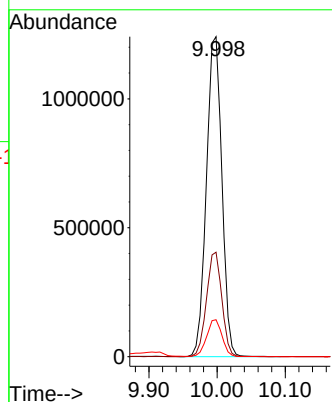
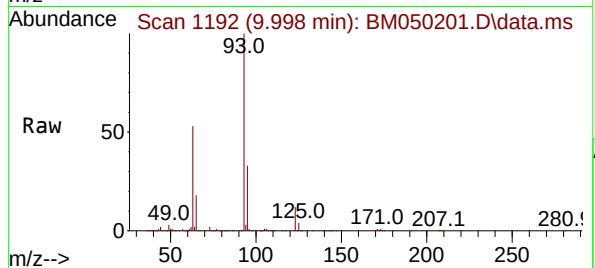




#28
bis(2-Chloroethoxy)methane
Concen: 77.513 ng
RT: 9.998 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

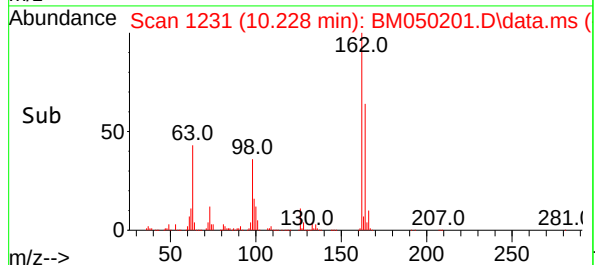
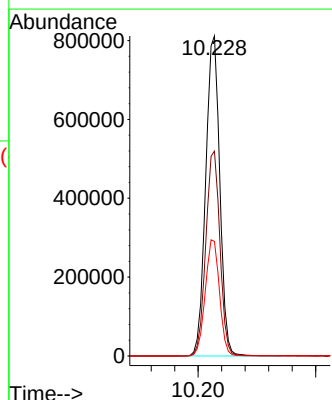
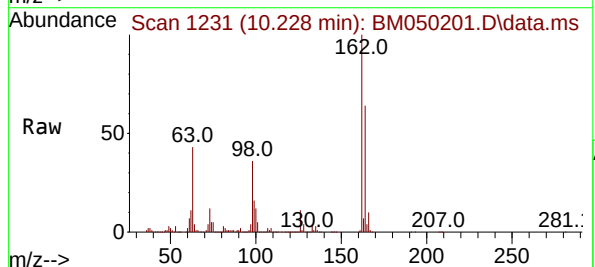
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

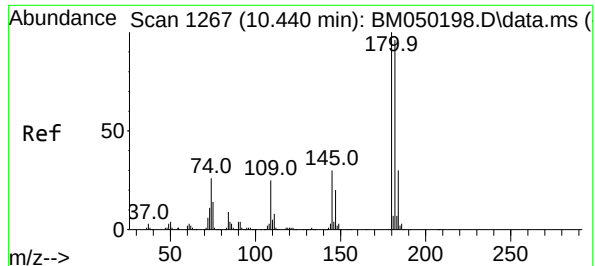
Tgt Ion: 93 Resp: 1960708
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 11.5 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 80.653 ng
RT: 10.228 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:162 Resp: 1350619
Ion Ratio Lower Upper
162 100
164 64.0 45.0 85.0
98 35.8 16.3 56.3

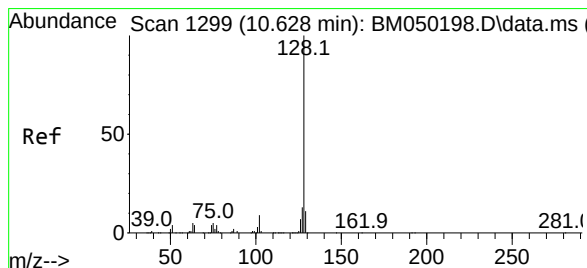
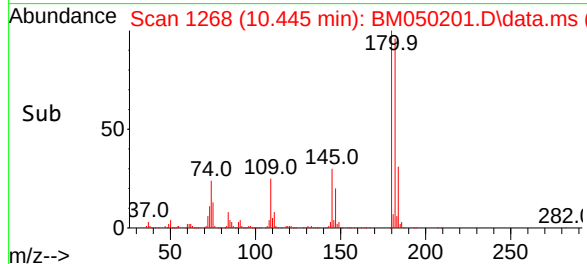
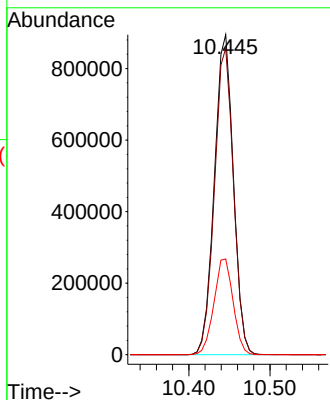
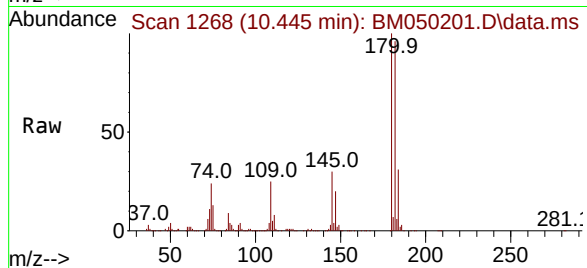




#30
1,2,4-Trichlorobenzene
Concen: 78.151 ng
RT: 10.445 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

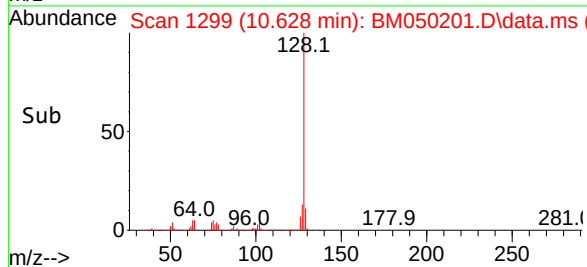
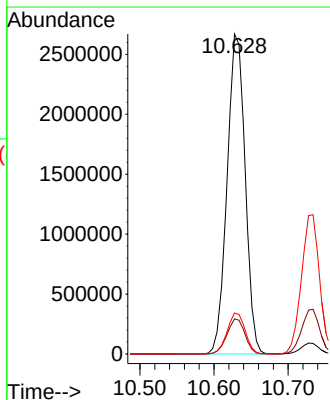
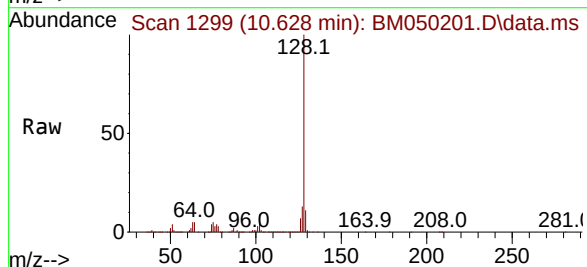
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

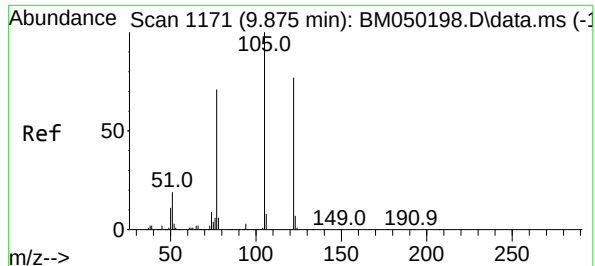
Tgt Ion:180 Resp: 1456329
Ion Ratio Lower Upper
180 100
182 95.8 76.6 114.8
145 29.9 24.2 36.4



#31
Naphthalene
Concen: 74.953 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:128 Resp: 4521397
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.8 10.2 15.4

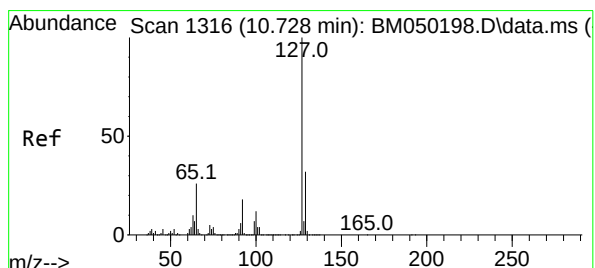
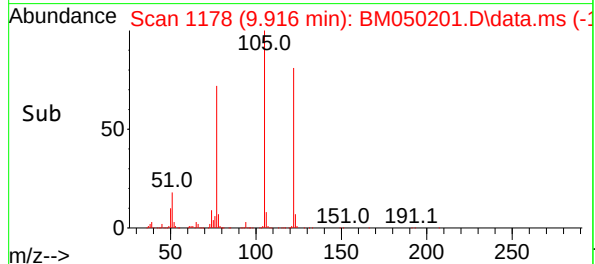
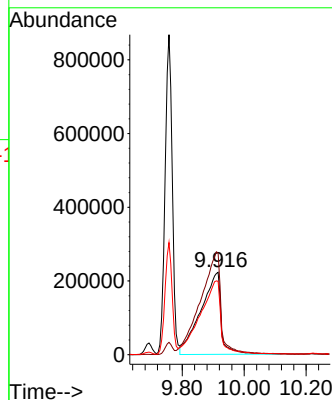
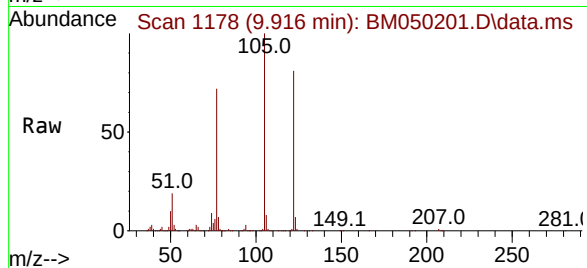




#32
Benzoic acid
Concen: 89.827 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.041 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

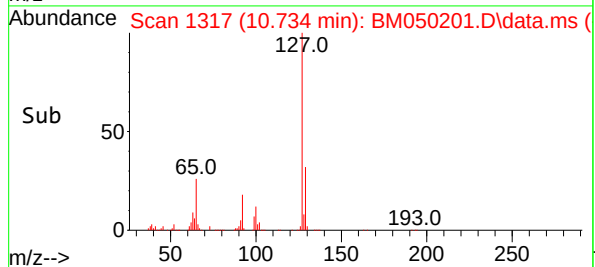
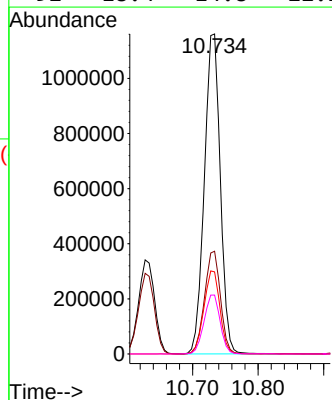
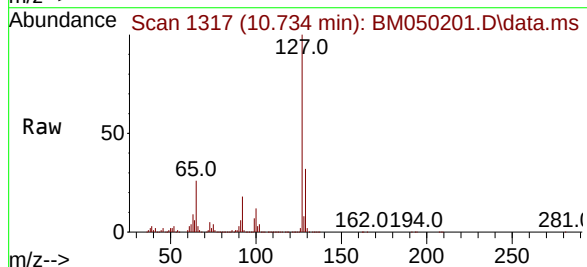
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

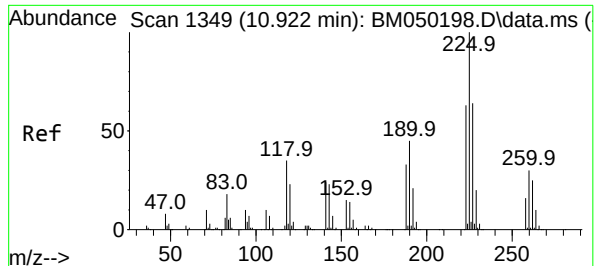
Tgt Ion:122 Resp: 1021552
Ion Ratio Lower Upper
122 100
105 123.5 103.4 143.4
77 89.2 70.3 110.3



#33
4-Chloroaniline
Concen: 76.553 ng
RT: 10.734 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:127 Resp: 1968786
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.0
65 25.7 21.0 31.4
92 18.4 14.8 22.2

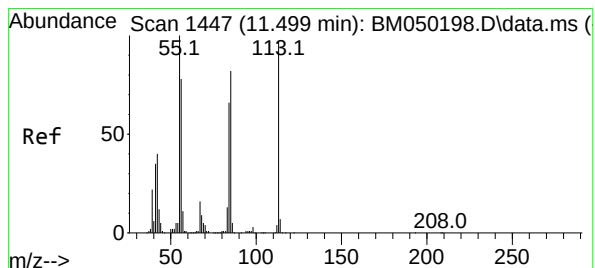
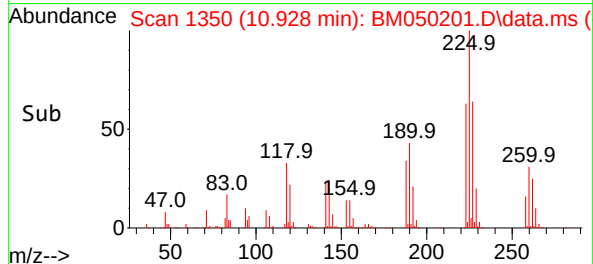
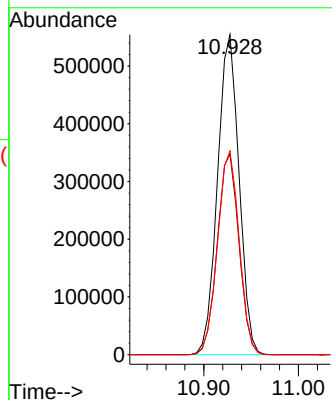
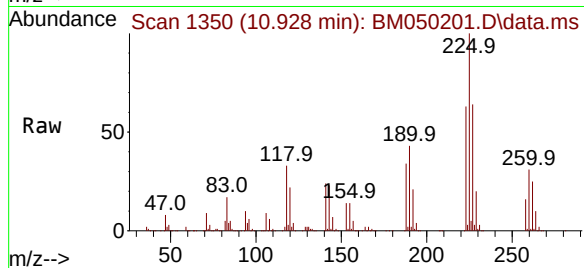




#34
Hexachlorobutadiene
Concen: 79.043 ng
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

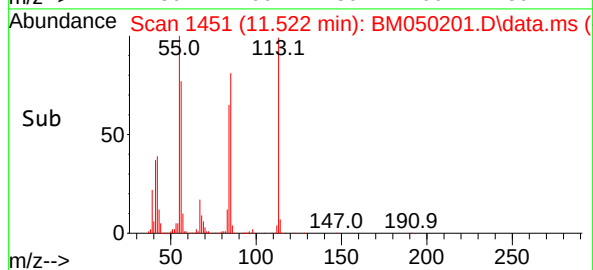
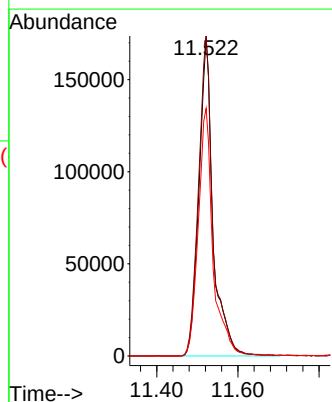
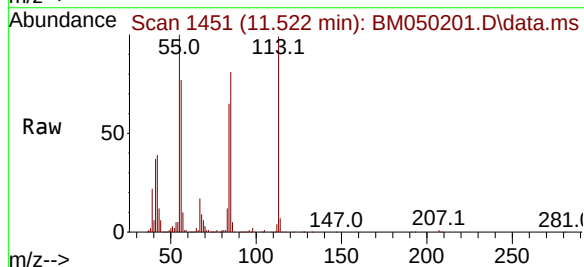
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

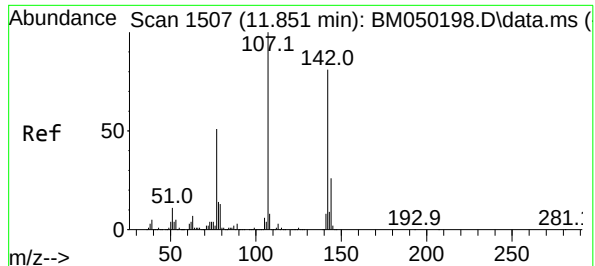
Tgt Ion:225 Resp: 876137
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 63.7 51.0 76.4



#35
Caprolactam
Concen: 78.683 ng
RT: 11.522 min Scan# 1451
Delta R.T. 0.023 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:113 Resp: 417728
Ion Ratio Lower Upper
113 100
55 100.6 83.5 123.5
56 77.8 60.6 100.6

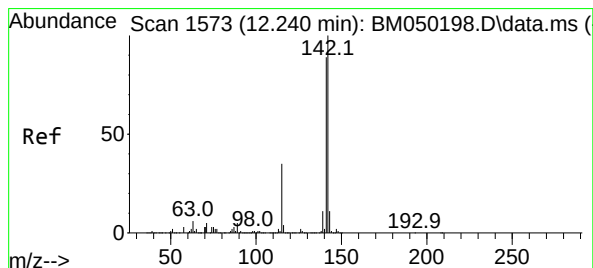
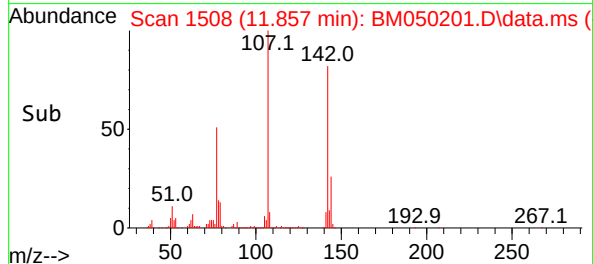
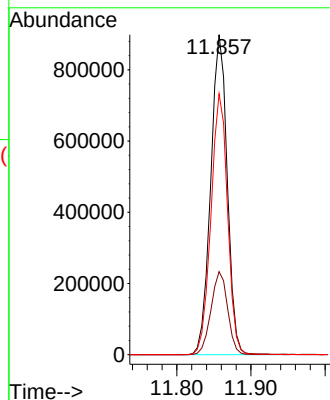
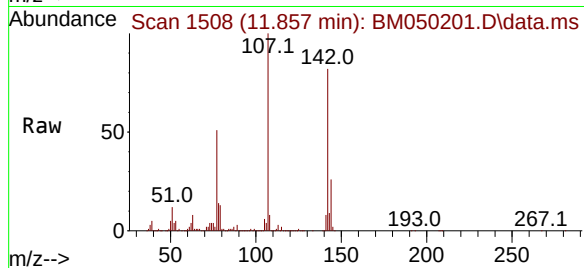




#36
4-Chloro-3-methylphenol
Concen: 77.985 ng
RT: 11.857 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

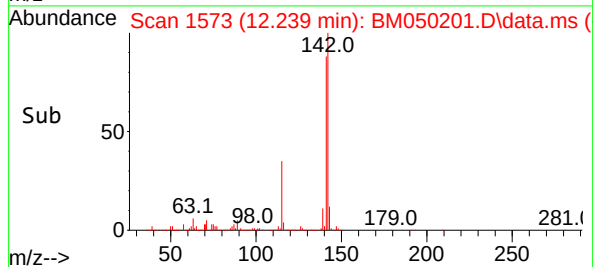
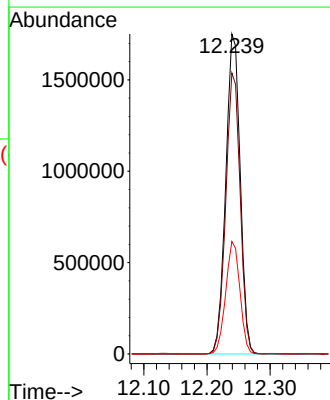
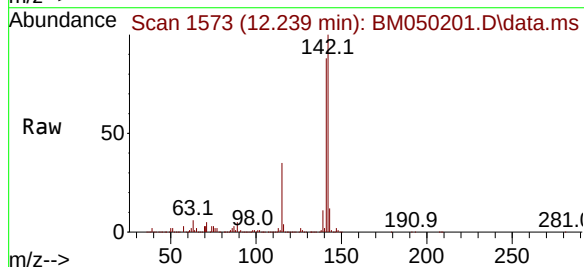
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

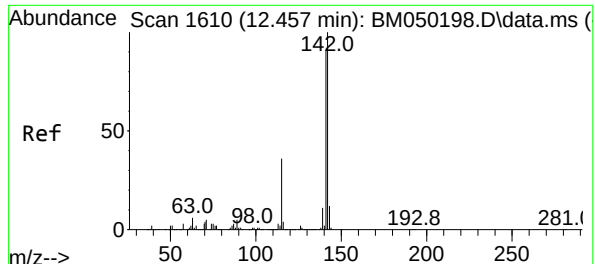
Tgt Ion:107 Resp: 1393503
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.6
142 81.5 64.8 97.2



#37
2-Methylnaphthalene
Concen: 76.205 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:142 Resp: 2773230
Ion Ratio Lower Upper
142 100
141 87.8 71.5 107.3
115 35.1 27.8 41.8

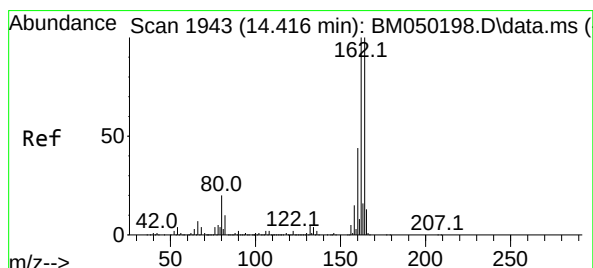
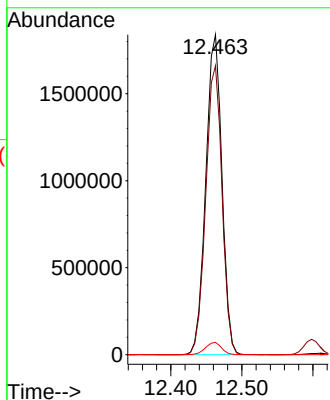
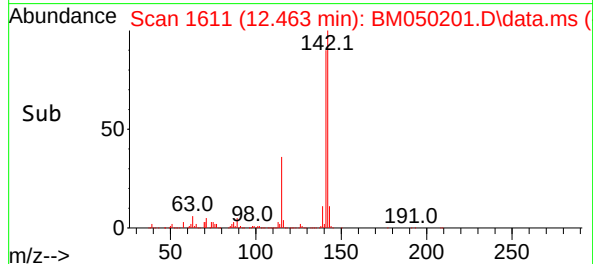
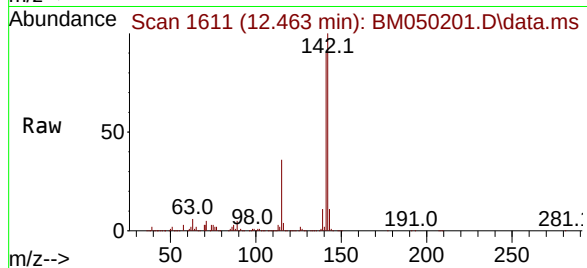




#38
1-Methylnaphthalene
Concen: 75.179 ng
RT: 12.463 min Scan# 1611
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

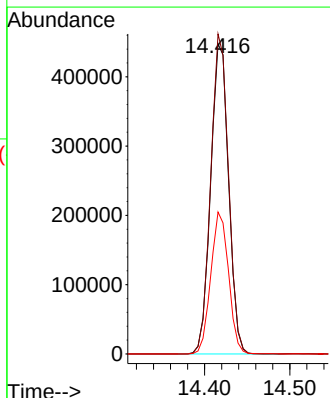
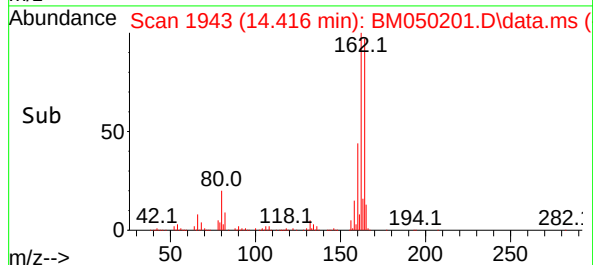
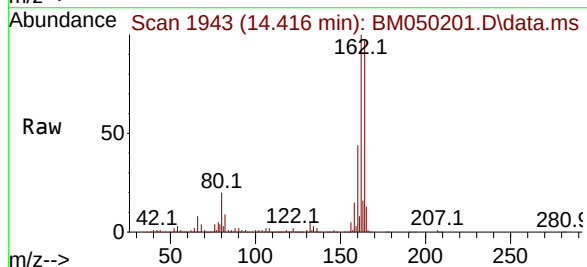
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

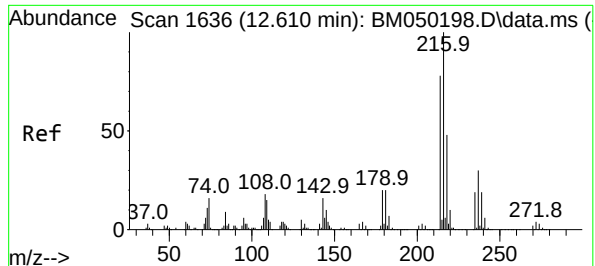
Tgt Ion:142 Resp: 2903763
Ion Ratio Lower Upper
142 100
141 90.3 72.9 109.3
116 3.8 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:164 Resp: 653677
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.4
160 45.8 35.7 53.5

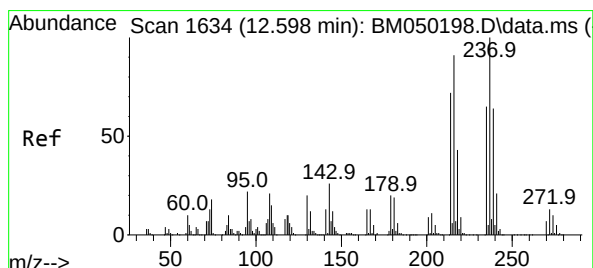
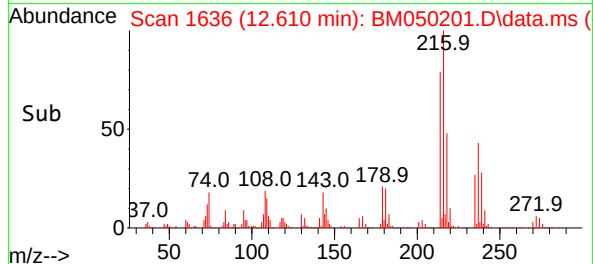
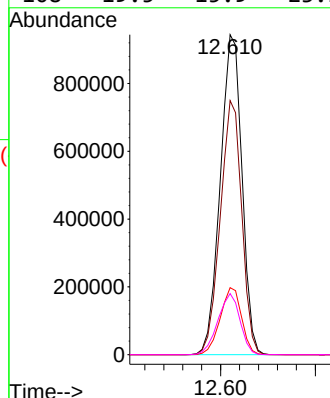
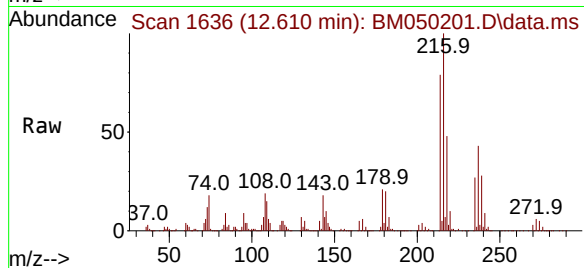




#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.455 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

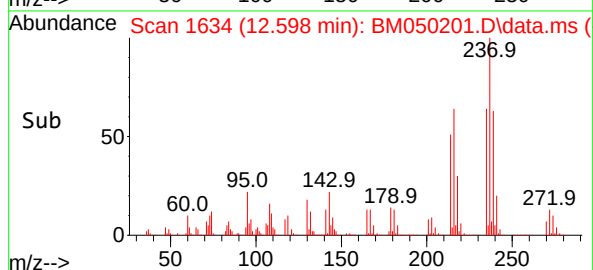
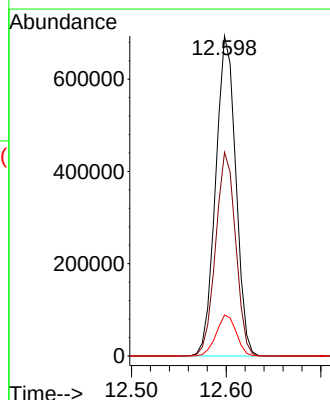
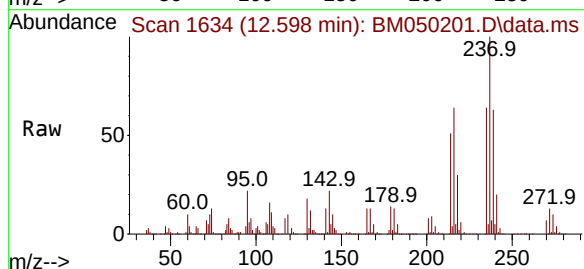
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

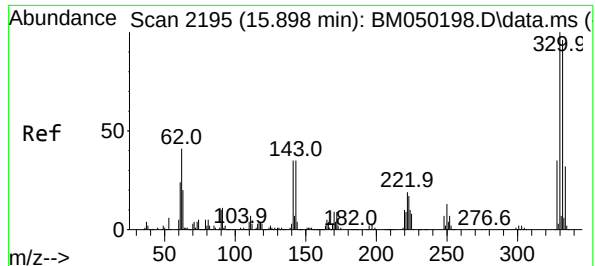
Tgt Ion:216 Resp: 1499750
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.7 16.6 25.0
108 19.5 15.9 23.9



#41
Hexachlorocyclopentadiene
Concen: 89.378 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:237 Resp: 1024557
Ion Ratio Lower Upper
237 100
235 63.7 44.6 84.6
272 12.8 0.0 33.1





#42

2,4,6-Tribromophenol

Concen: 150.796 ng

RT: 15.904 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

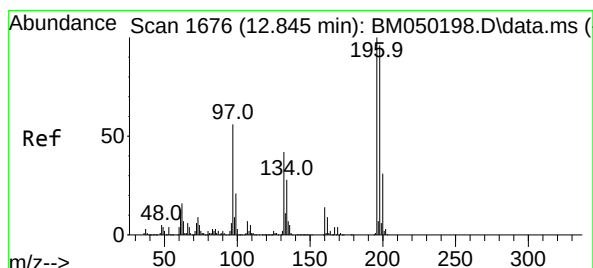
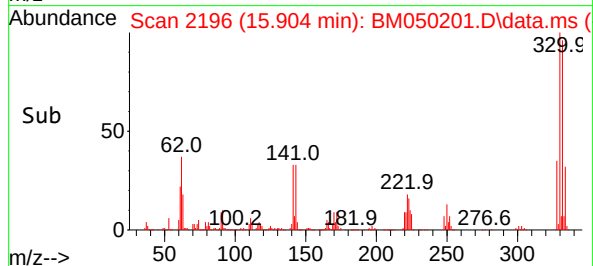
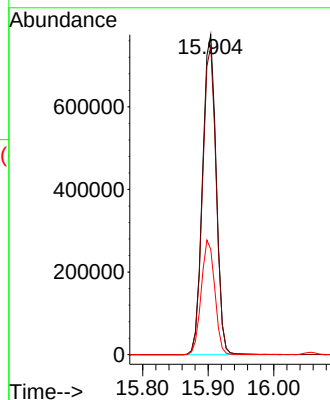
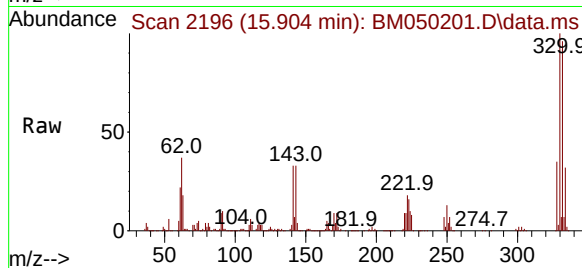
Tgt Ion:330 Resp: 1121188

Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

141 35.7 28.8 43.2



#43

2,4,6-Trichlorophenol

Concen: 83.443 ng

RT: 12.845 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

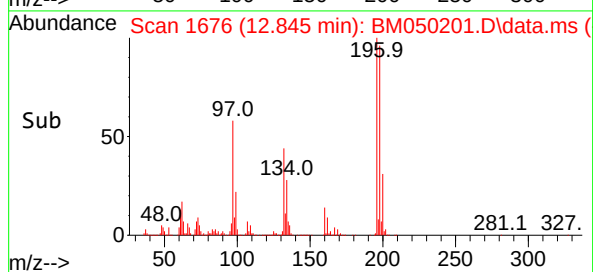
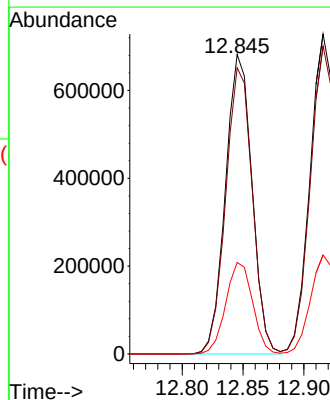
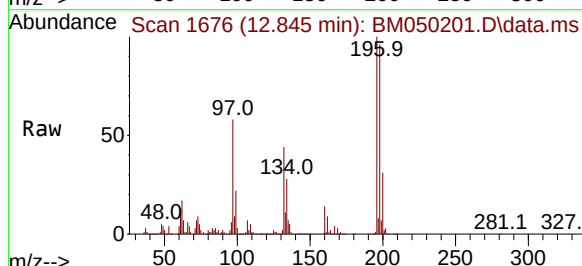
Tgt Ion:196 Resp: 1035769

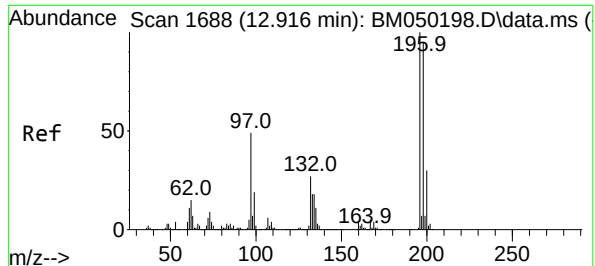
Ion Ratio Lower Upper

196 100

198 95.6 76.6 115.0

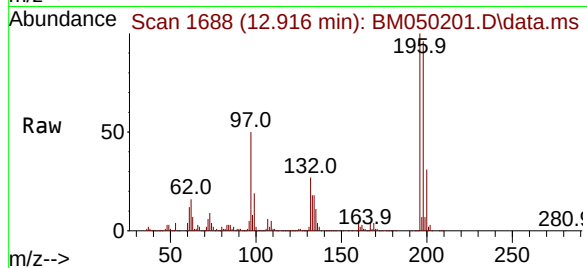
200 30.6 24.5 36.7



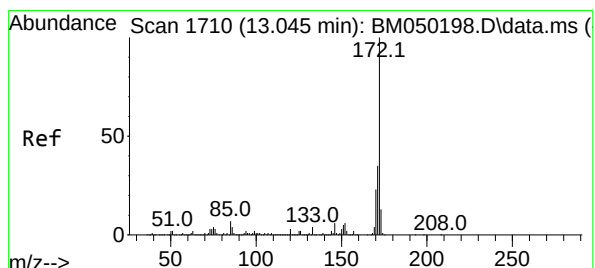
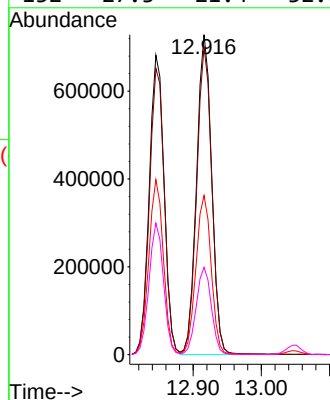
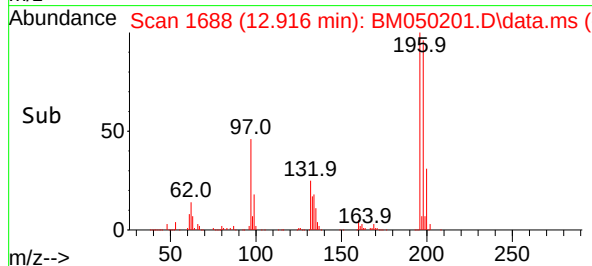


#44
2,4,5-Trichlorophenol
Concen: 82.394 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

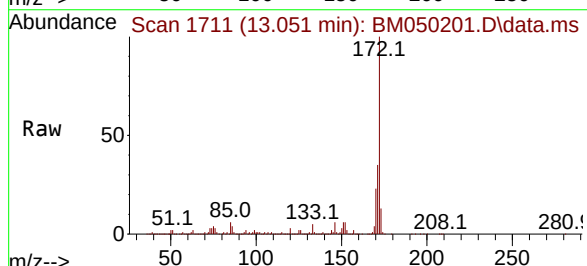
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



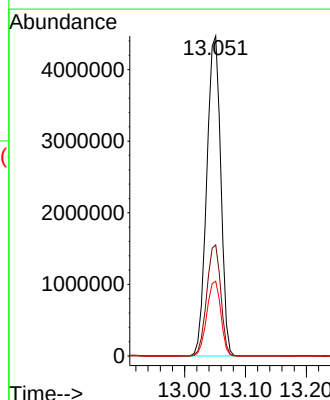
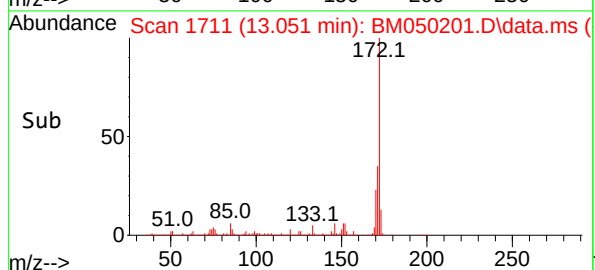
Tgt Ion:196 Resp: 1122919
Ion Ratio Lower Upper
196 100
198 96.2 76.1 114.1
97 49.8 39.3 58.9
132 27.3 21.4 32.0

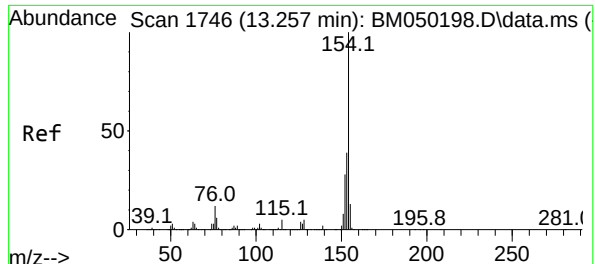


#45
2-Fluorobiphenyl
Concen: 147.690 ng
RT: 13.051 min Scan# 1711
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56



Tgt Ion:172 Resp: 7130886
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.4 18.6 27.8





#46

1,1'-Biphenyl

Concen: 76.752 ng

RT: 13.257 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

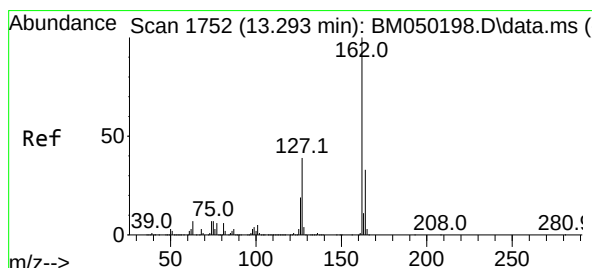
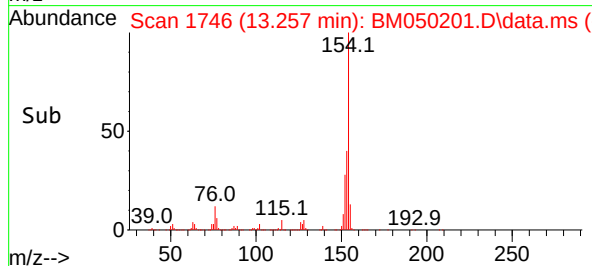
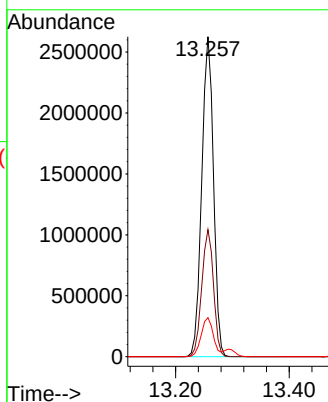
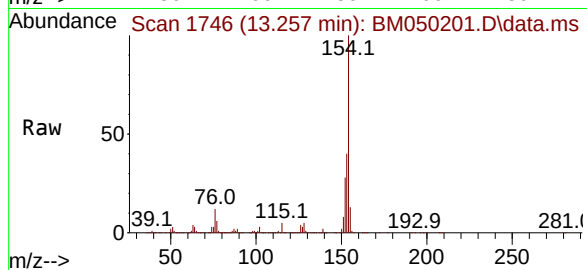
Tgt Ion:154 Resp: 3756723

Ion Ratio Lower Upper

154 100

153 39.7 19.2 59.2

76 12.2 0.0 32.0



#47

2-Chloronaphthalene

Concen: 77.180 ng

RT: 13.292 min Scan# 1752

Delta R.T. -0.000 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

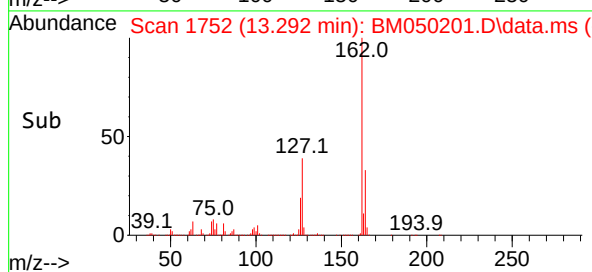
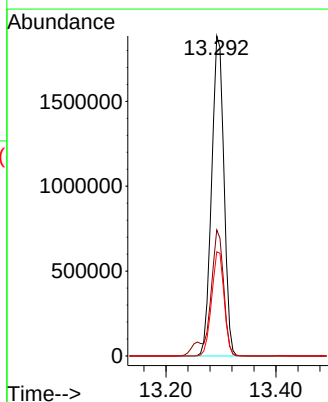
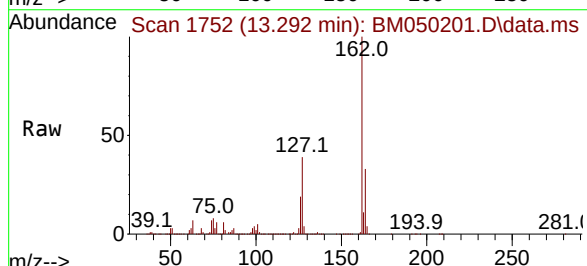
Tgt Ion:162 Resp: 2936913

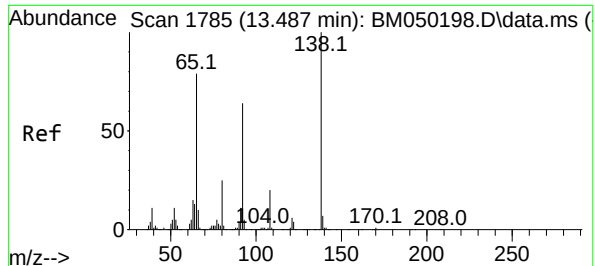
Ion Ratio Lower Upper

162 100

127 39.4 31.1 46.7

164 32.6 26.5 39.7

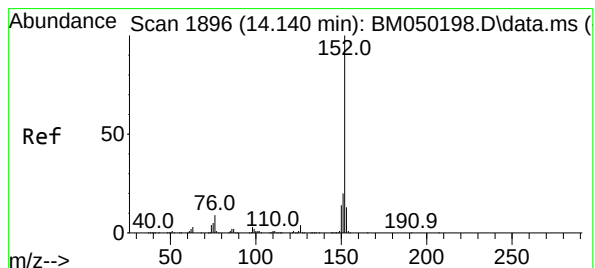
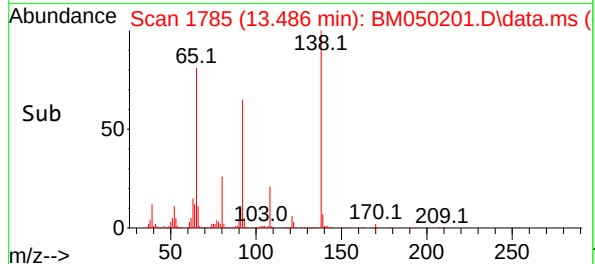
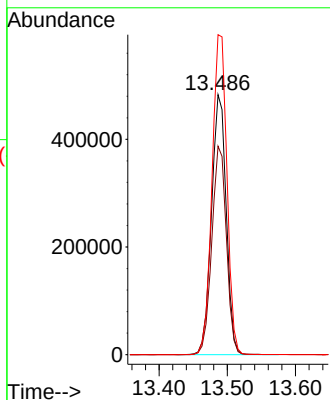
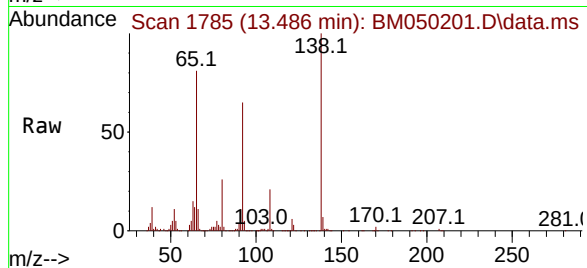




#48
2-Nitroaniline
Concen: 86.588 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

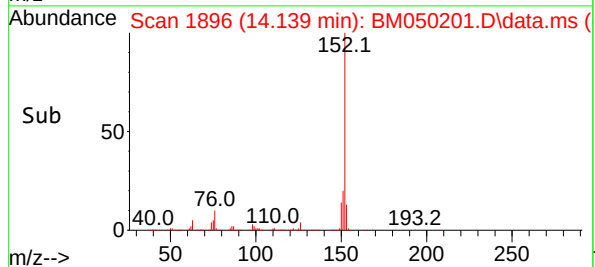
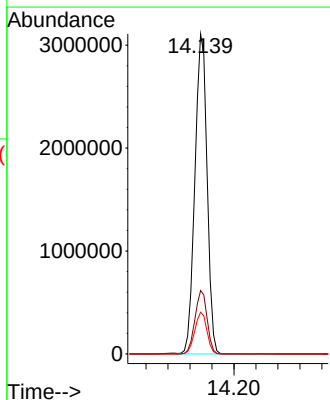
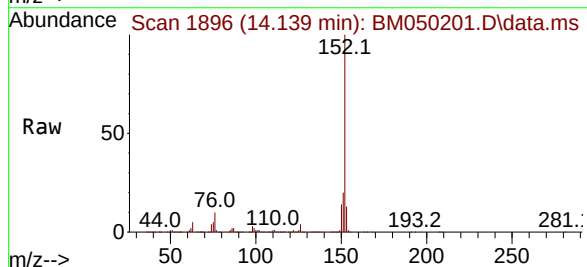
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

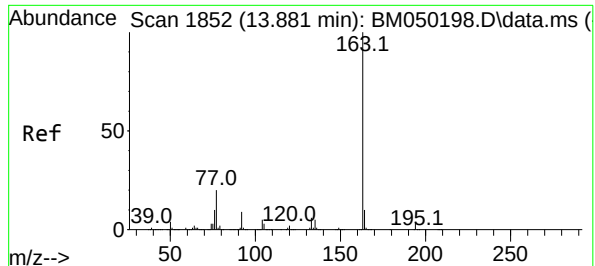
Tgt Ion: 65 Resp: 725090
Ion Ratio Lower Upper
65 100
92 80.2 64.2 96.4
138 123.1 101.0 151.4



#49
Acenaphthylene
Concen: 77.481 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 152 Resp: 4768813
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.0 10.4 15.6

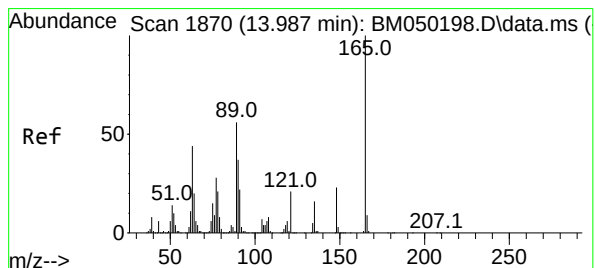
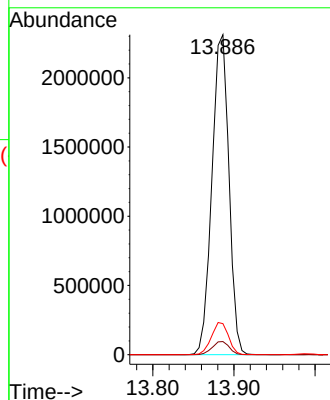
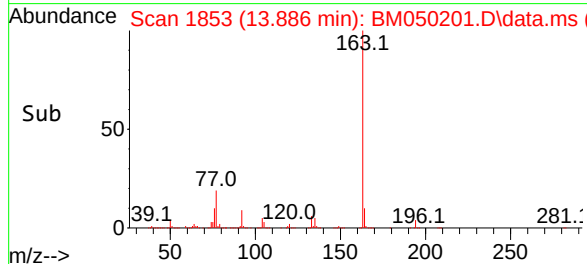
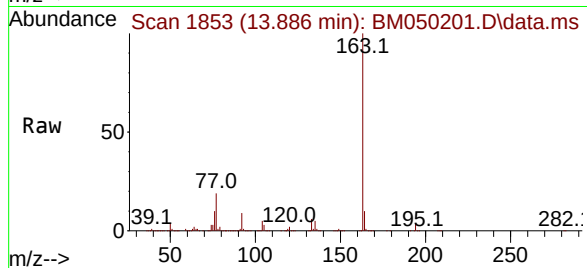




#50
Dimethylphthalate
Concen: 75.915 ng
RT: 13.886 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

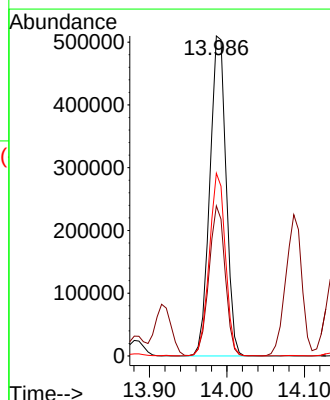
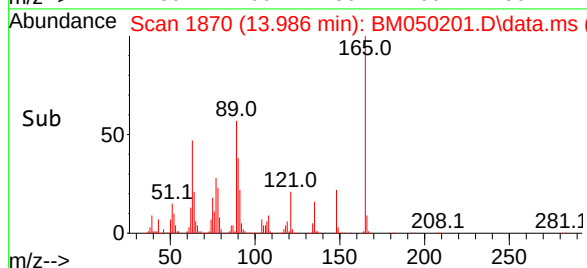
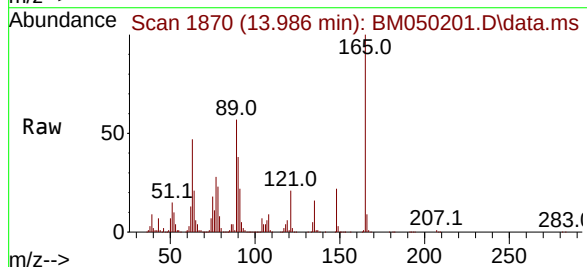
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

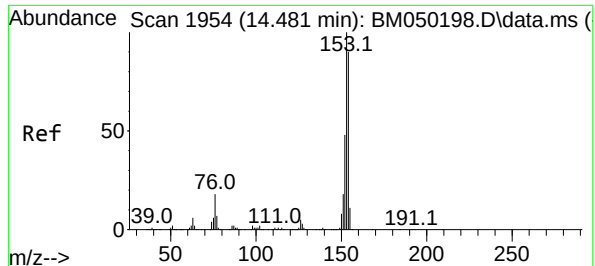
Tgt Ion:163 Resp: 3356061
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.7 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 83.403 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:165 Resp: 743566
Ion Ratio Lower Upper
165 100
63 46.9 35.8 53.6
89 57.1 44.8 67.2

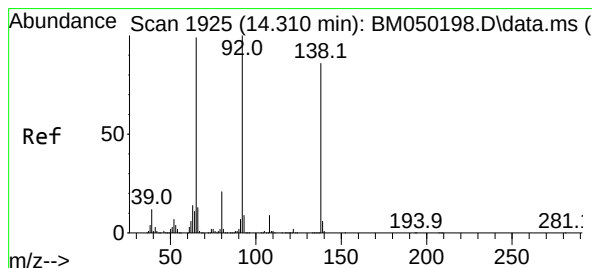
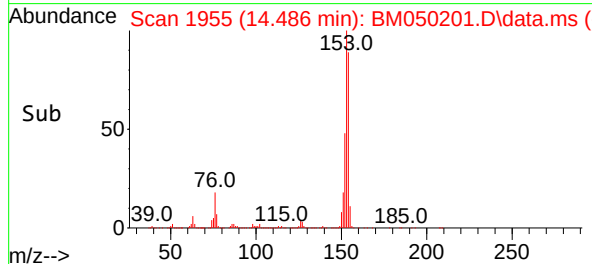
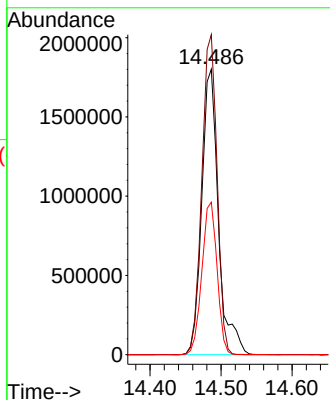
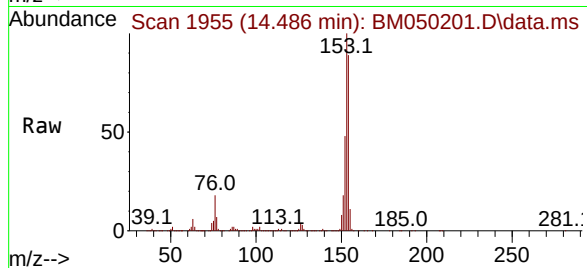




#52
Acenaphthene
Concen: 76.514 ng
RT: 14.486 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

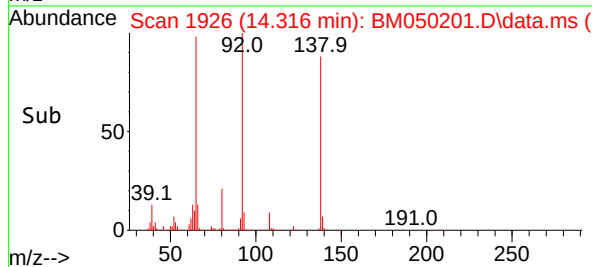
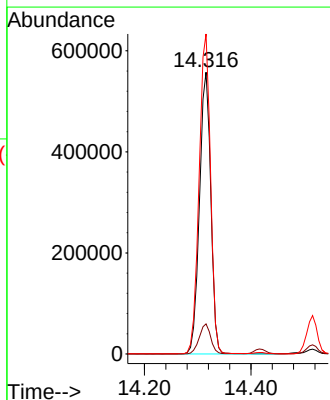
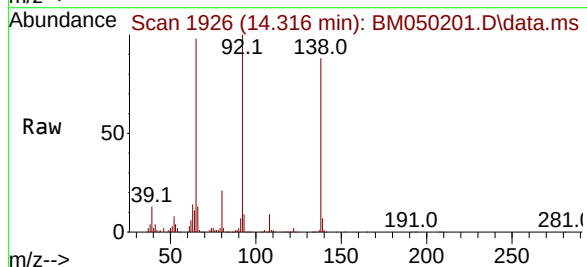
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

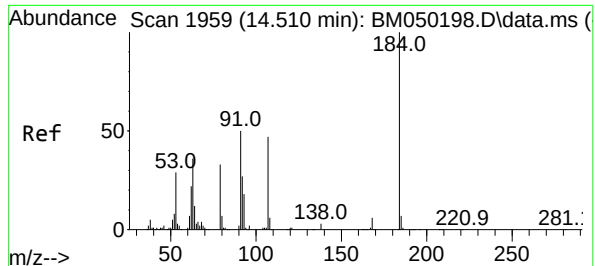
Tgt Ion:154 Resp: 2945563
Ion Ratio Lower Upper
154 100
153 112.1 88.7 133.1
152 53.4 42.6 63.8



#53
3-Nitroaniline
Concen: 82.536 ng
RT: 14.316 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:138 Resp: 820084
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 113.5 92.9 139.3

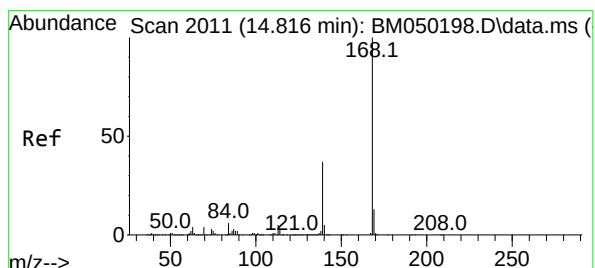
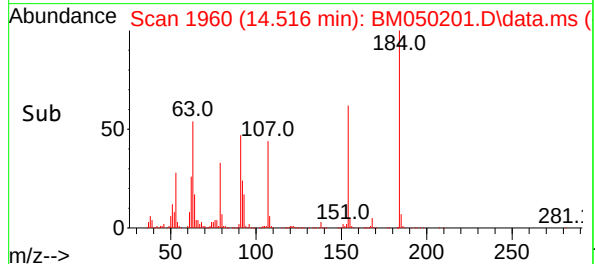
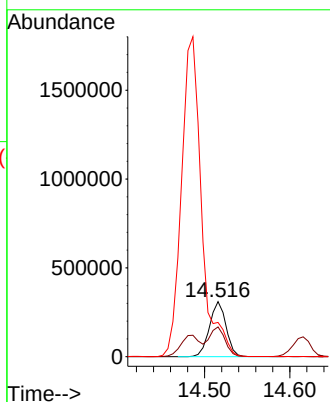
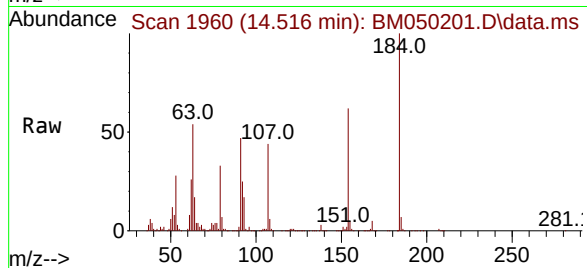




#54
2,4-Dinitrophenol
Concen: 79.818 ng
RT: 14.516 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

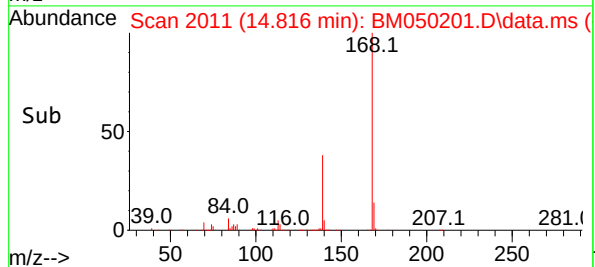
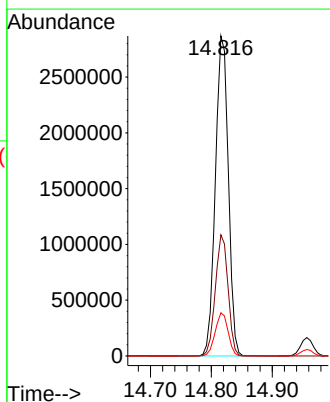
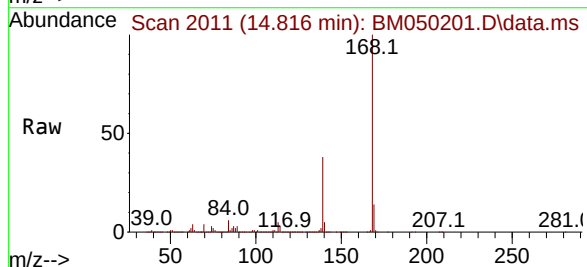
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

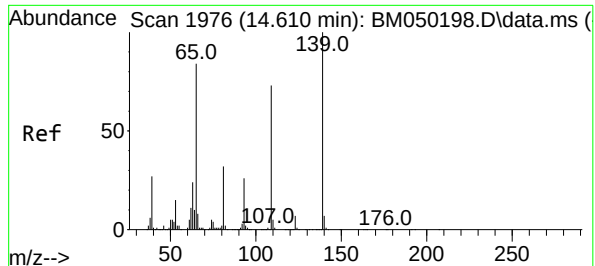
Tgt Ion:184 Resp: 419557
Ion Ratio Lower Upper
184 100
63 54.1 45.3 67.9
154 62.3 54.3 81.5



#55
Dibenzofuran
Concen: 75.092 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:168 Resp: 4229270
Ion Ratio Lower Upper
168 100
139 37.8 29.9 44.9
169 13.5 10.6 16.0

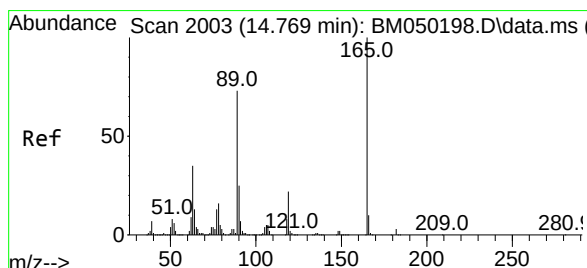
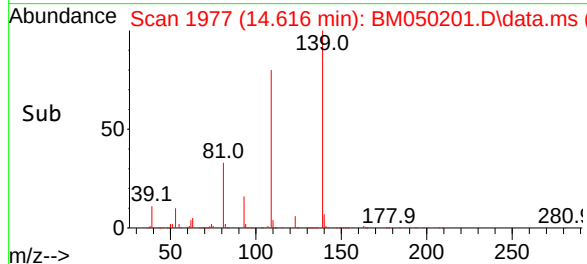
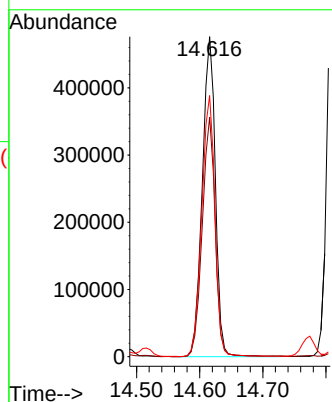
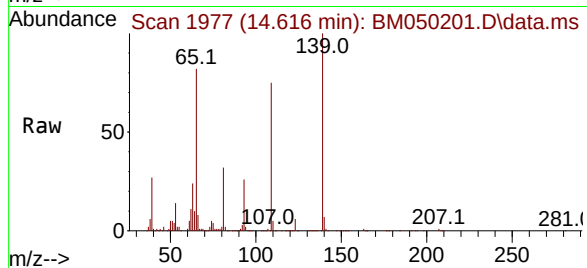




#56
4-Nitrophenol
Concen: 80.978 ng
RT: 14.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

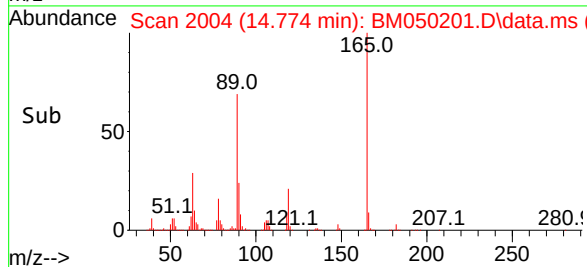
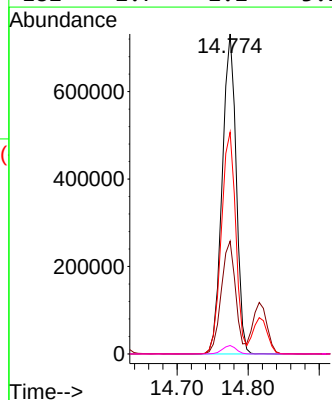
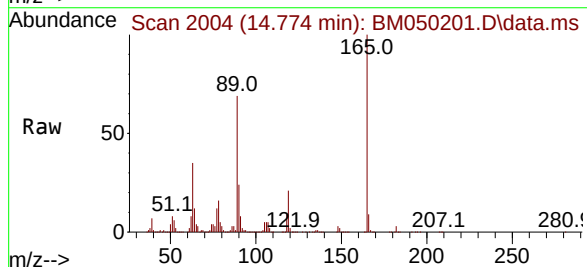
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

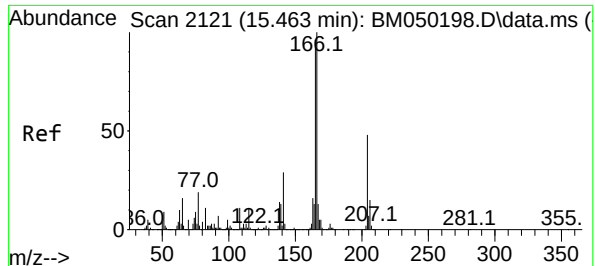
Tgt Ion:139 Resp: 684831
Ion Ratio Lower Upper
139 100
109 74.9 52.6 92.6
65 81.6 64.3 104.3



#57
2,4-Dinitrotoluene
Concen: 84.530 ng
RT: 14.774 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:165 Resp: 994115
Ion Ratio Lower Upper
165 100
63 35.3 28.4 42.6
89 69.3 58.0 87.0
182 2.7 2.2 3.2

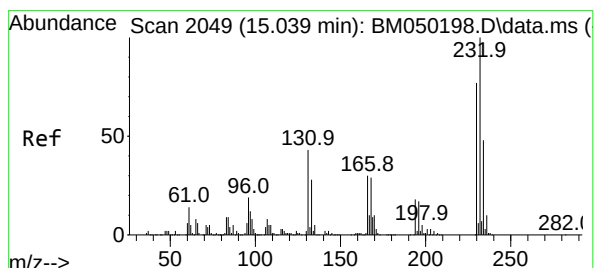
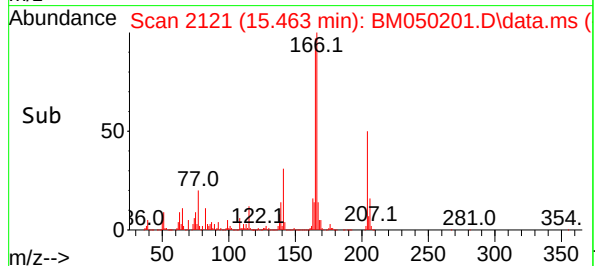
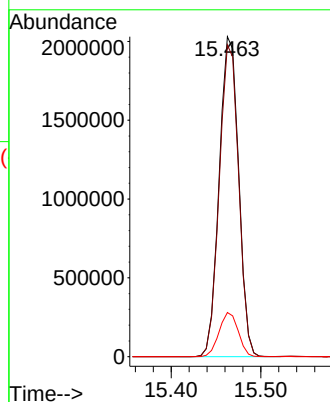
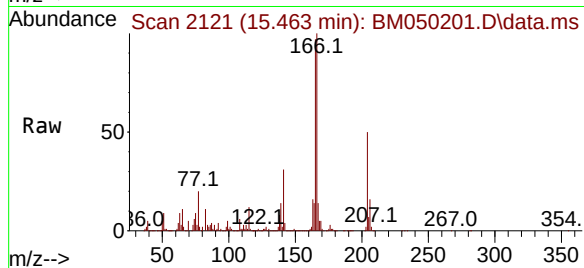




#58
Fluorene
Concen: 70.874 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

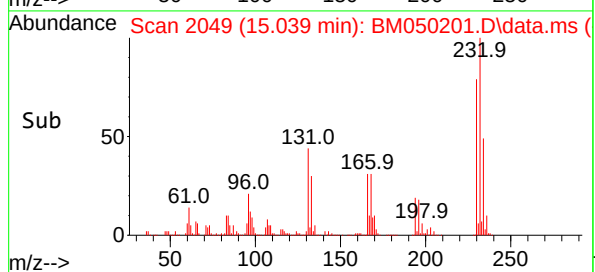
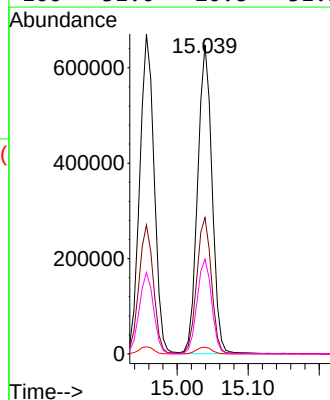
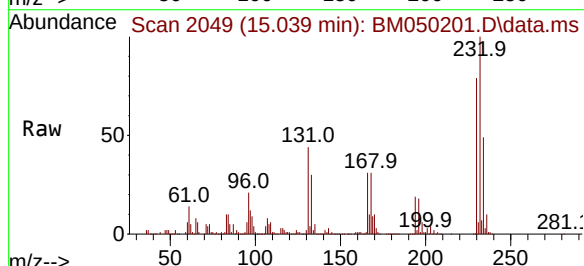
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

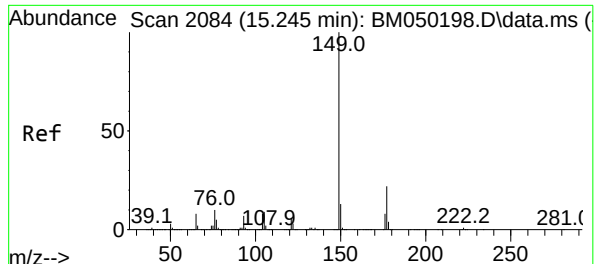
Tgt Ion:166 Resp: 3057322
Ion Ratio Lower Upper
166 100
165 97.4 77.0 115.4
167 13.8 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 77.626 ng
RT: 15.039 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:232 Resp: 915334
Ion Ratio Lower Upper
232 100
131 44.8 32.9 49.3
130 2.4 1.8 2.8
166 31.0 20.8 31.2

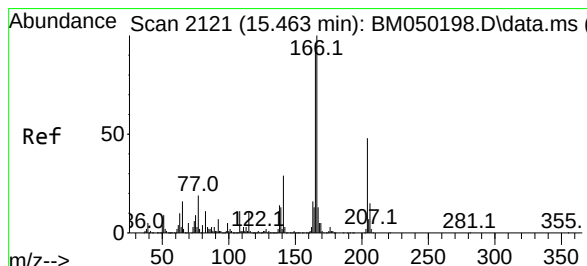
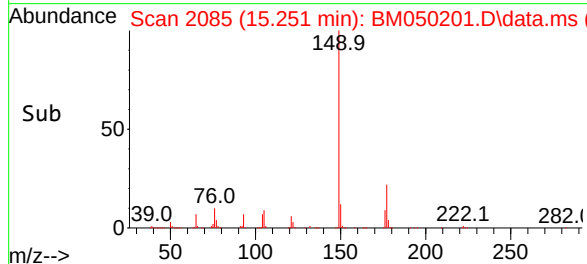
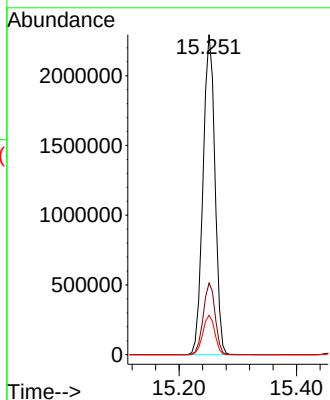
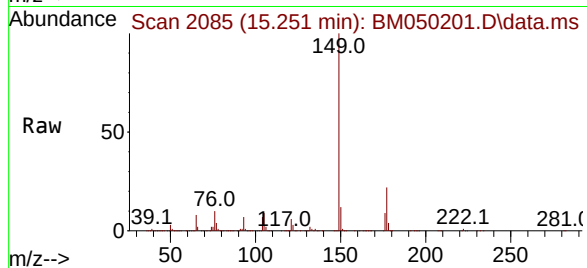




#60
Diethylphthalate
Concen: 73.786 ng
RT: 15.251 min Scan# 2085
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

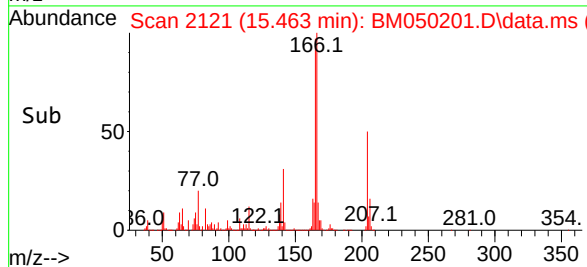
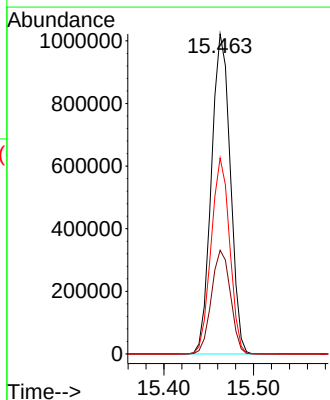
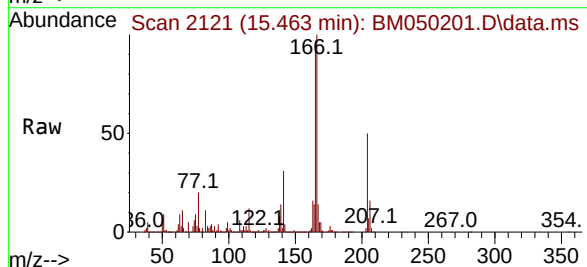
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

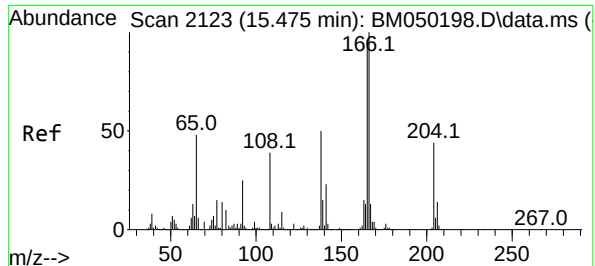
Tgt Ion:149 Resp: 3236518
Ion Ratio Lower Upper
149 100
177 22.4 17.2 25.8
150 12.3 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 71.823 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:204 Resp: 1497395
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.0
141 61.3 47.9 71.9

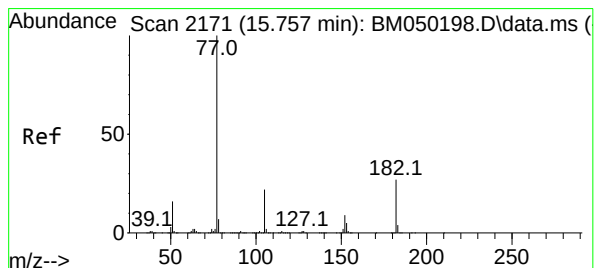
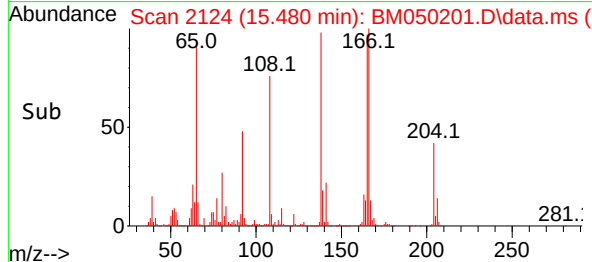
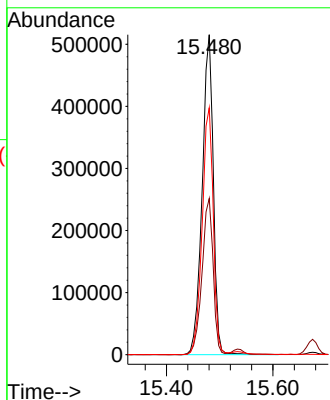
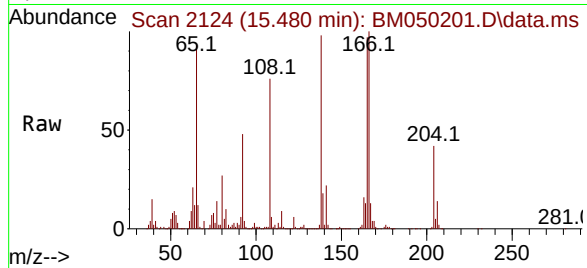




#62
4-Nitroaniline
Concen: 80.153 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

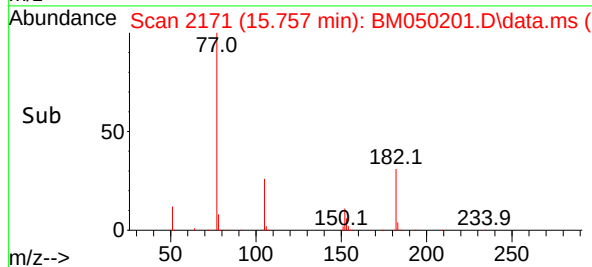
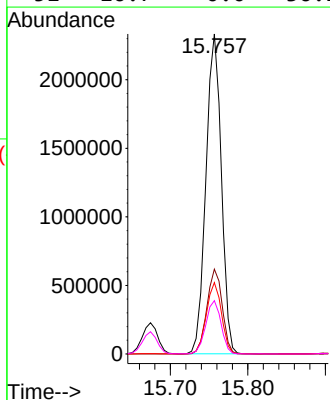
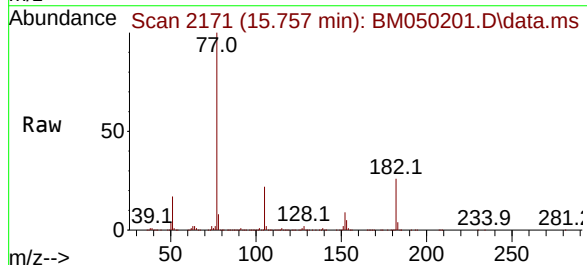
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

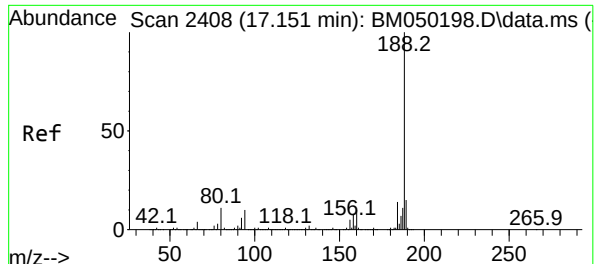
Tgt Ion:138 Resp: 746446
Ion Ratio Lower Upper
138 100
92 48.8 28.8 68.8
108 77.1 58.1 98.1



#63
Azobenzene
Concen: 73.375 ng
RT: 15.757 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 77 Resp: 3216935
Ion Ratio Lower Upper
77 100
182 26.5 6.8 46.8
105 22.3 1.7 41.7
51 16.7 0.0 36.2

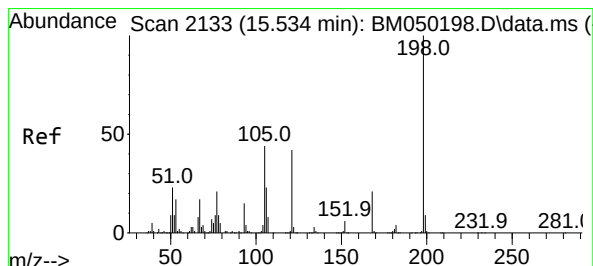
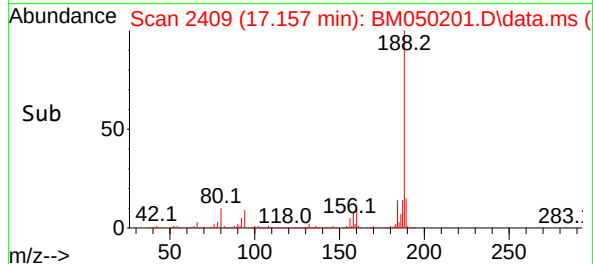
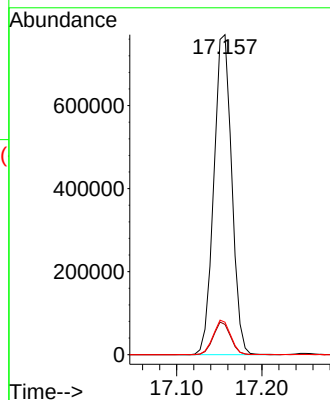
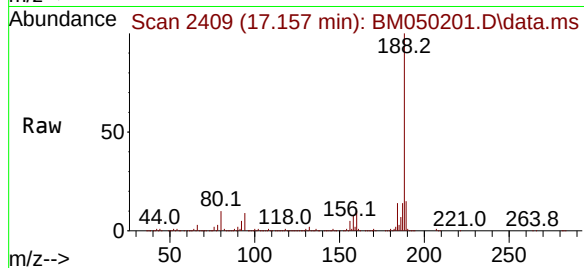




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

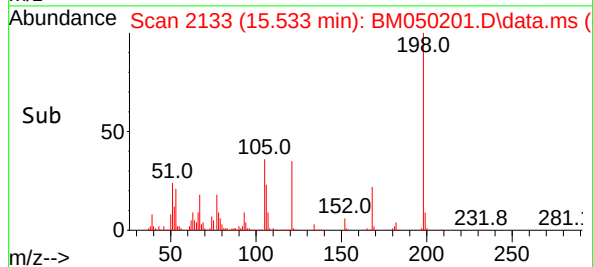
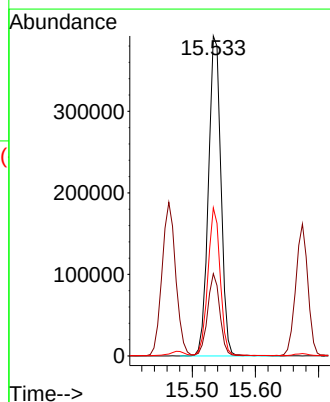
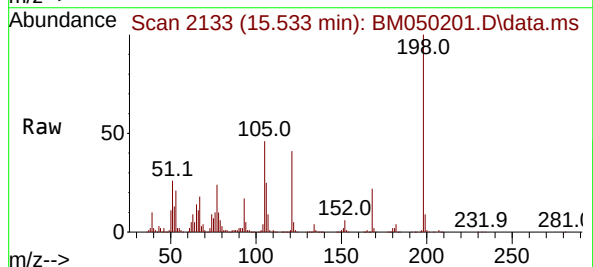
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

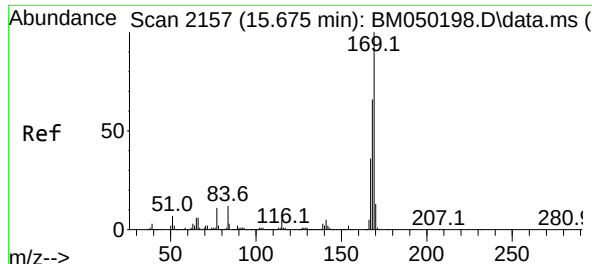
Tgt Ion:188 Resp: 1121619
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.2 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 88.276 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:198 Resp: 540790
Ion Ratio Lower Upper
198 100
51 25.7 4.5 44.5
105 46.3 24.9 64.9

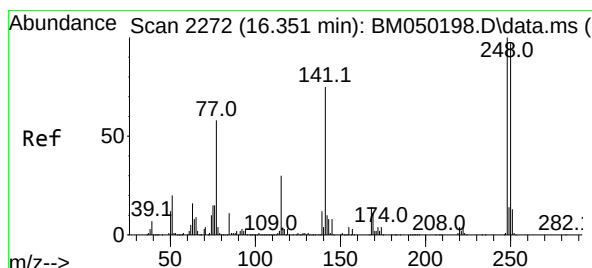
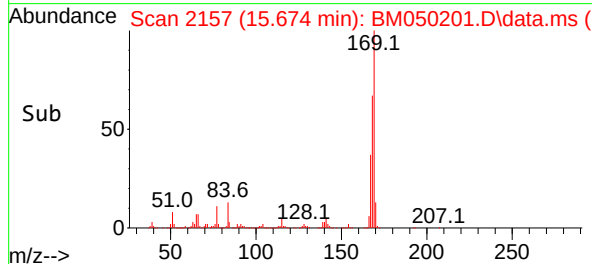
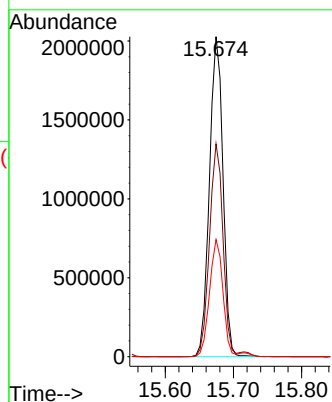
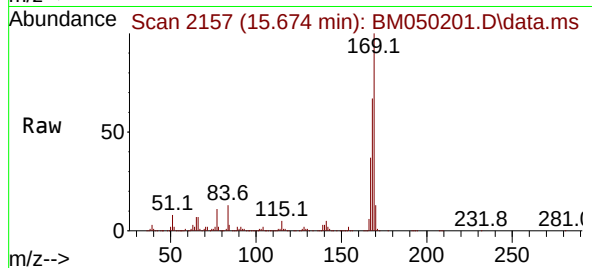




#66
n-Nitrosodiphenylamine
Concen: 79.603 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

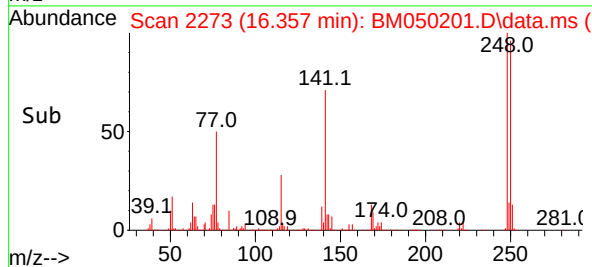
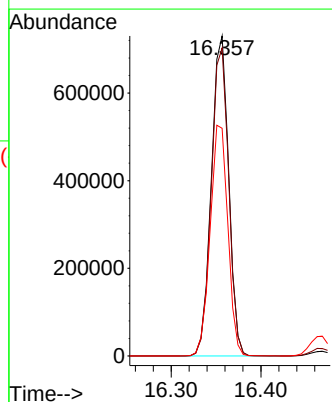
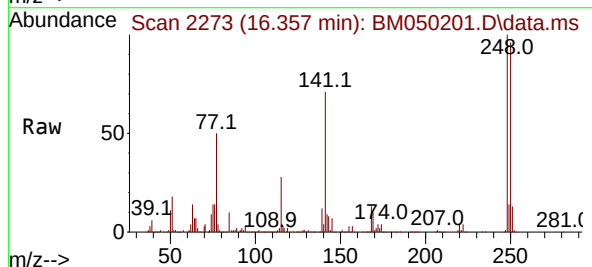
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

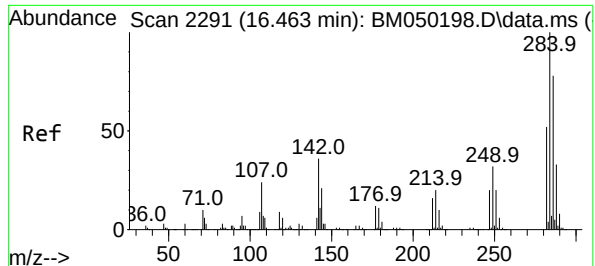
Tgt Ion:169 Resp: 2805368
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 36.6 29.0 43.6



#67
4-Bromophenyl-phenylether
Concen: 81.762 ng
RT: 16.357 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:248 Resp: 977940
Ion Ratio Lower Upper
248 100
250 96.2 78.0 117.0
141 71.2 60.1 90.1

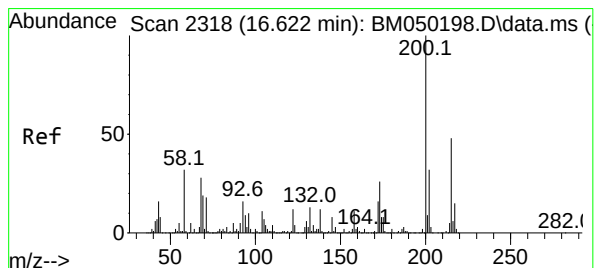
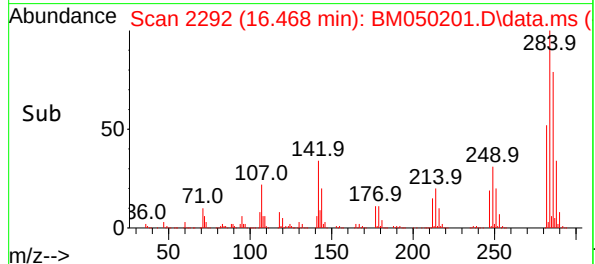
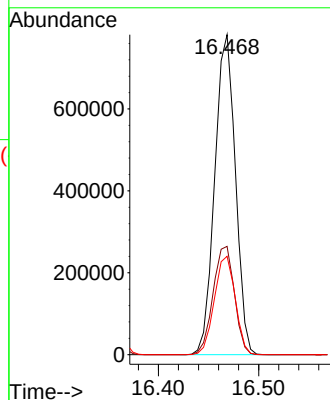
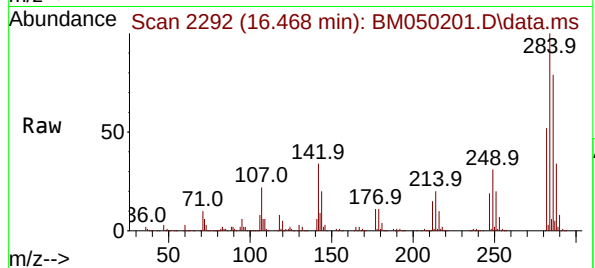




#68
Hexachlorobenzene
Concen: 79.976 ng
RT: 16.468 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

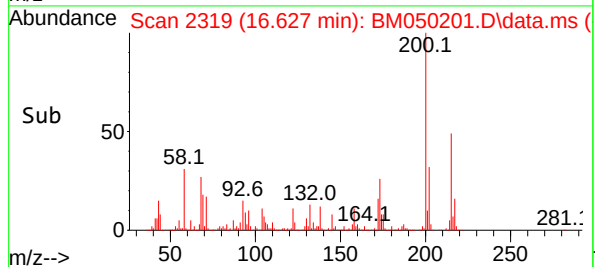
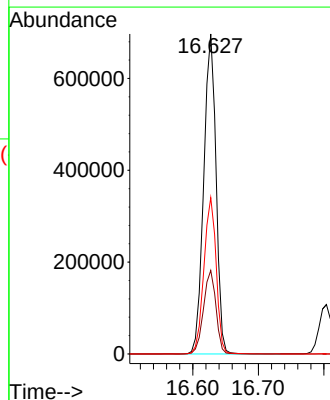
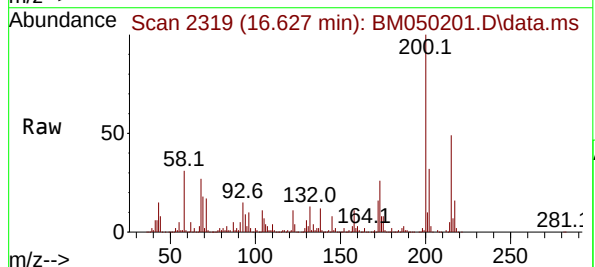
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

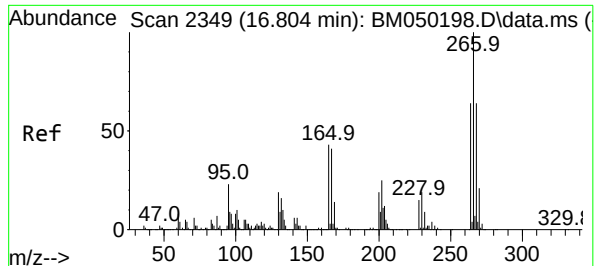
Tgt Ion:284 Resp: 1117623
Ion Ratio Lower Upper
284 100
142 33.9 28.8 43.2
249 30.7 25.8 38.6



#69
Atrazine
Concen: 81.362 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:200 Resp: 913622
Ion Ratio Lower Upper
200 100
173 26.1 6.0 46.0
215 48.9 28.1 68.1

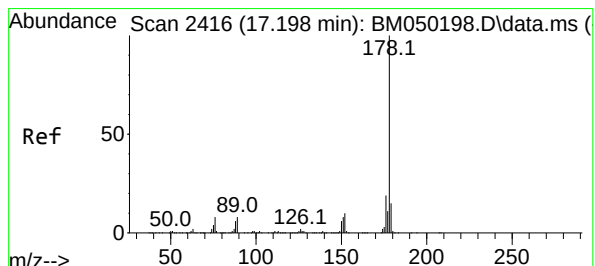
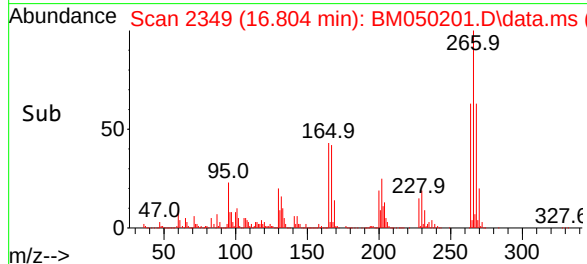
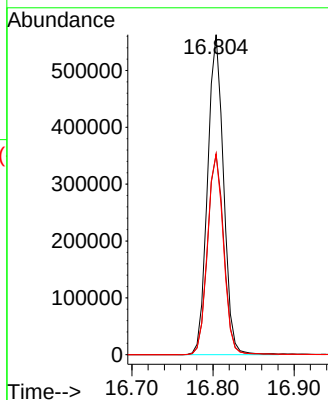
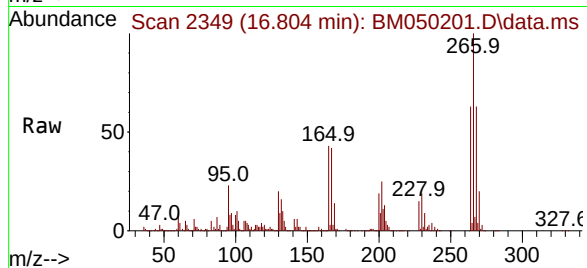




#70
Pentachlorophenol
Concen: 84.374 ng
RT: 16.804 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

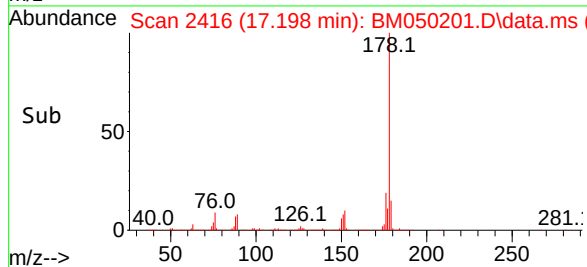
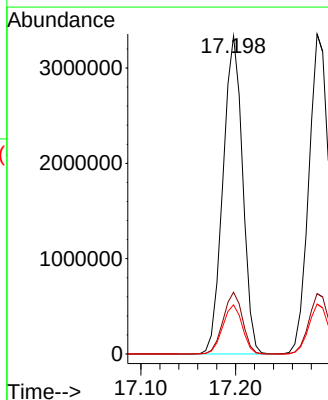
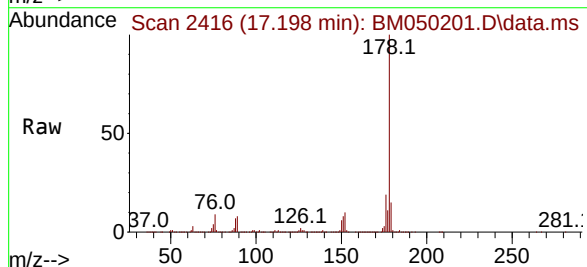
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

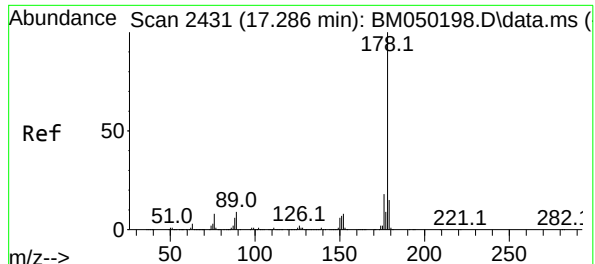
Tgt Ion:266 Resp: 766580
Ion Ratio Lower Upper
266 100
268 62.7 51.0 76.6
264 62.7 50.8 76.2



#71
Phenanthrene
Concen: 74.812 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:178 Resp: 4793533
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.5 12.3 18.5

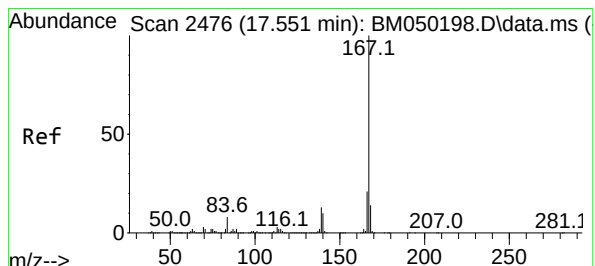
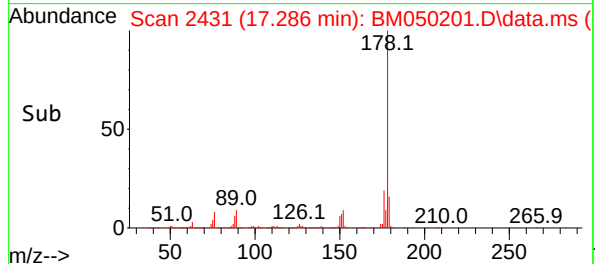
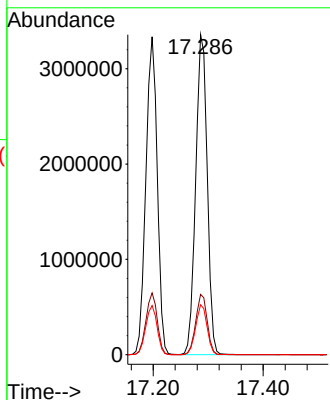
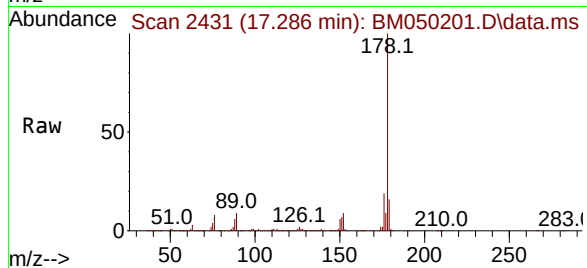




#72
Anthracene
Concen: 76.458 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

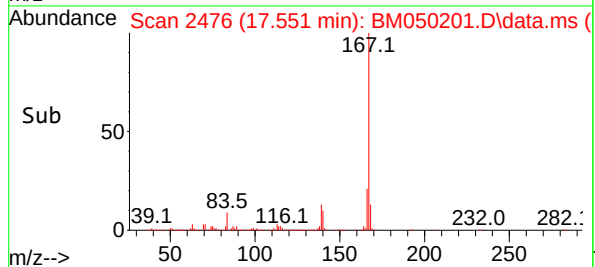
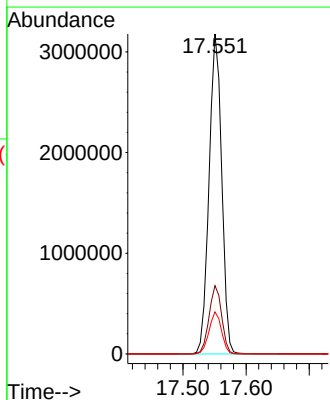
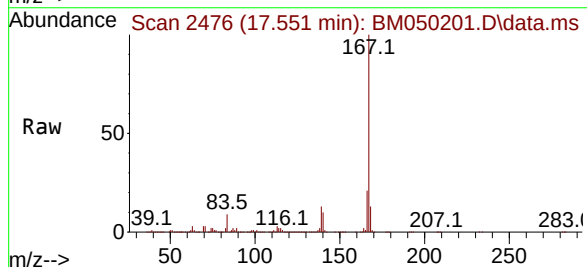
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

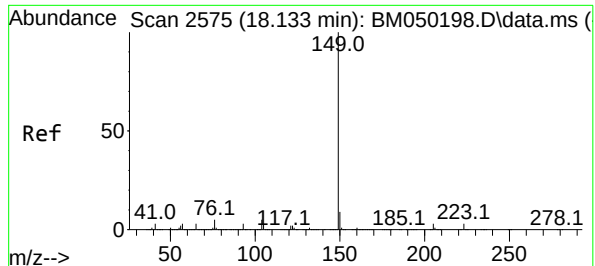
Tgt Ion:178 Resp: 4900912
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.6 12.3 18.5



#73
Carbazole
Concen: 75.641 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:167 Resp: 4417127
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 13.2 10.2 15.4

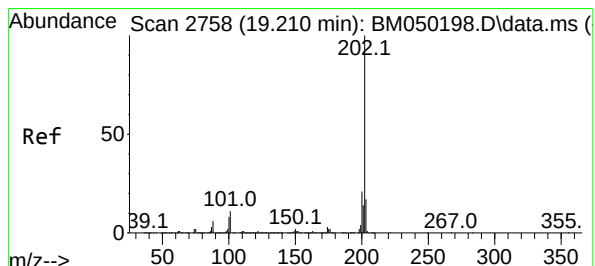
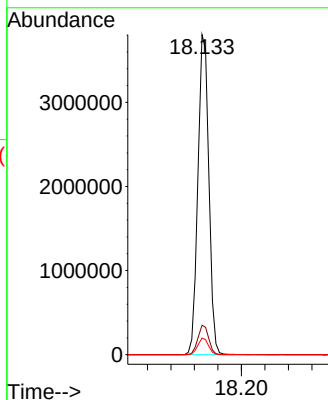
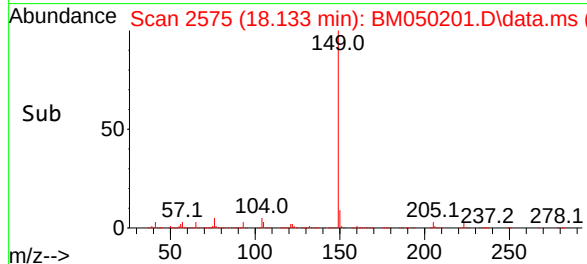
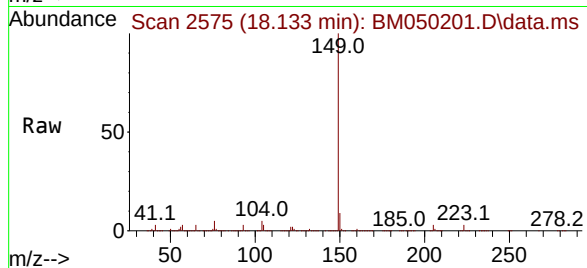




#74
Di-n-butylphthalate
Concen: 77.184 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

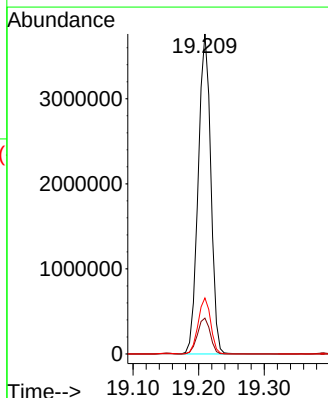
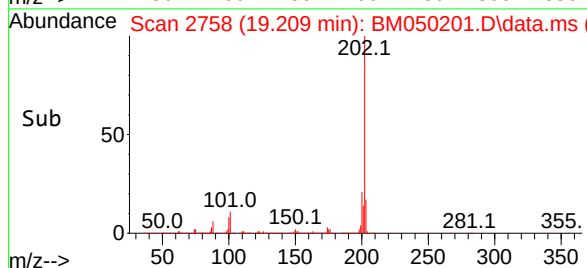
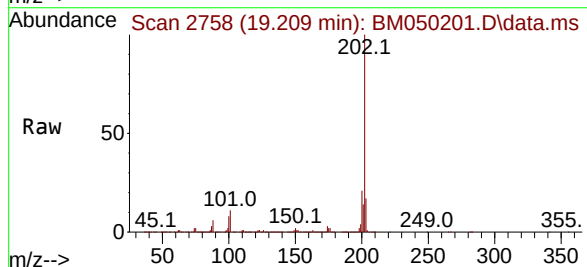
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

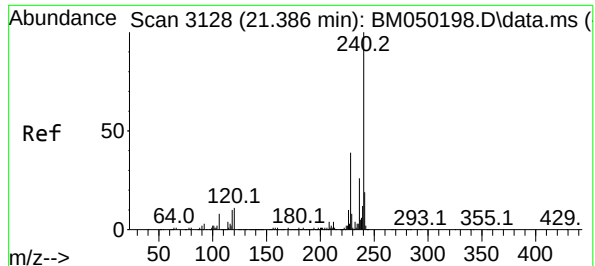
Tgt Ion:149 Resp: 4904225
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.0 6.0



#75
Fluoranthene
Concen: 74.400 ng
RT: 19.209 min Scan# 2758
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:202 Resp: 5027290
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.1
203 17.5 0.0 37.0

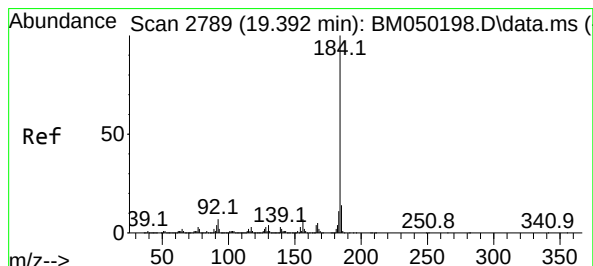
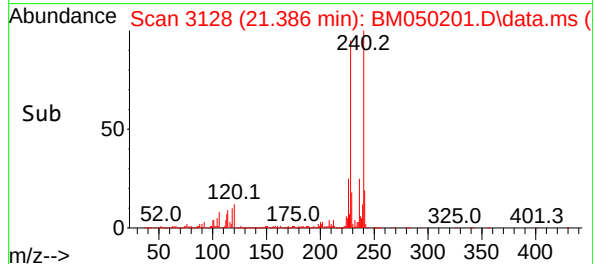
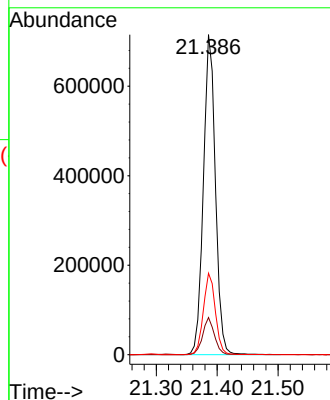
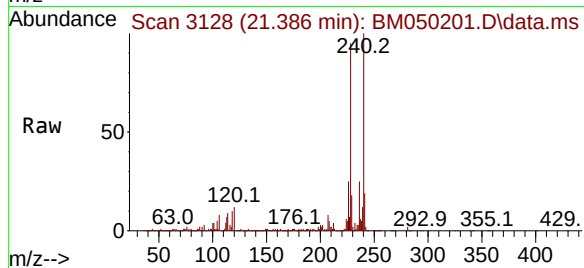




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

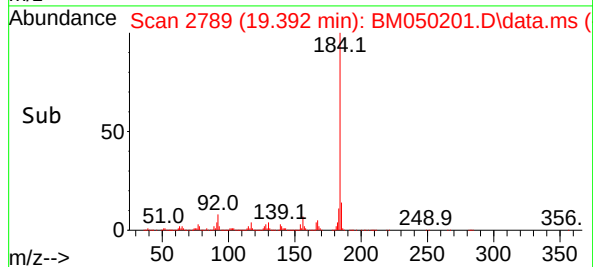
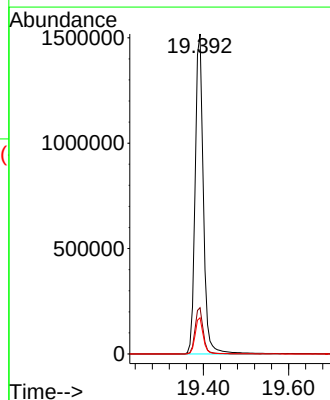
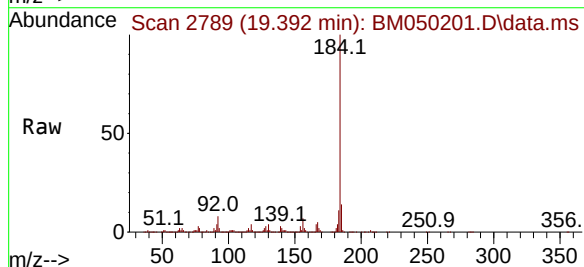
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

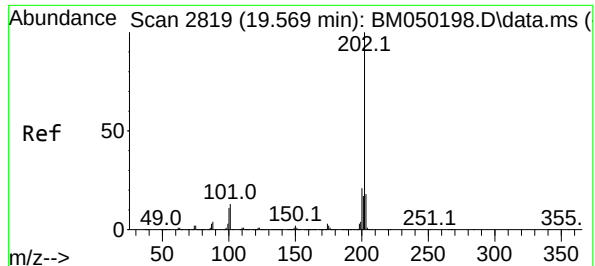
Tgt Ion:240 Resp: 978835
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 25.5 20.7 31.1



#77
Benzidine
Concen: 73.924 ng
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:184 Resp: 2034794
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.3 9.0 13.4

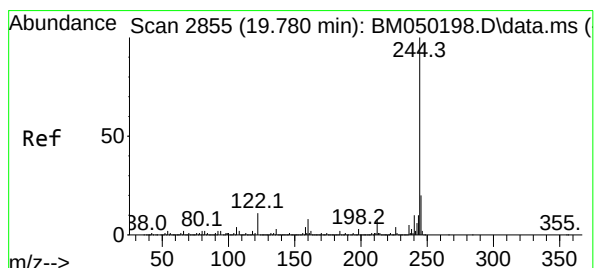
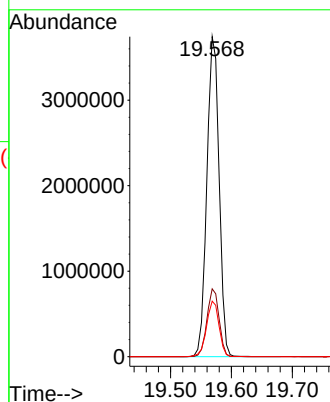
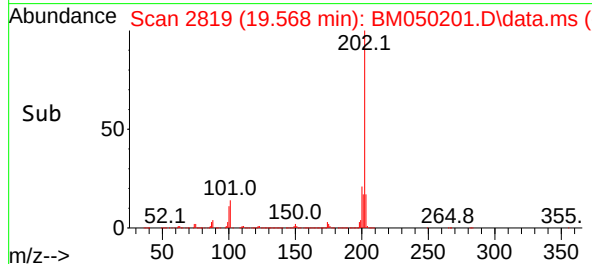
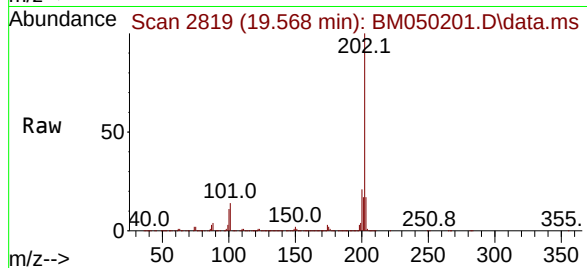




#78
Pyrene
Concen: 79.187 ng
RT: 19.568 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

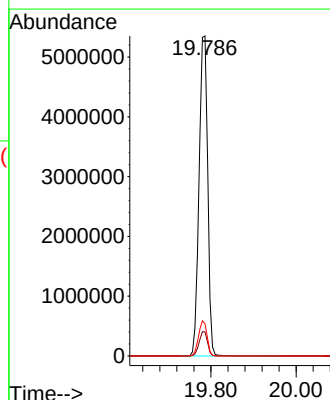
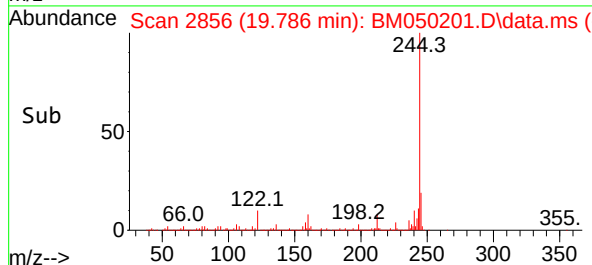
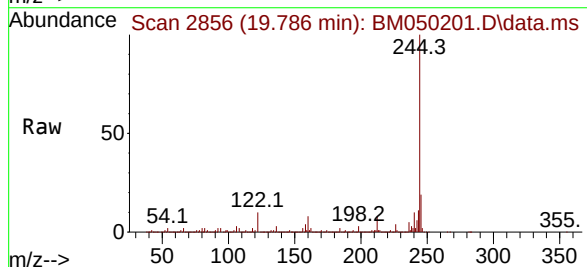
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

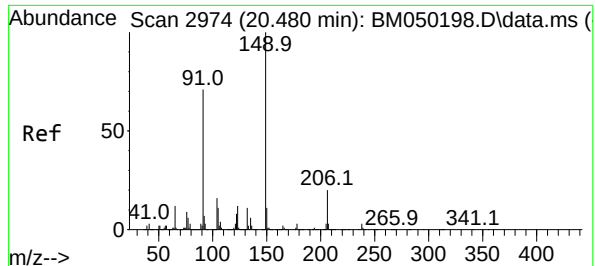
Tgt Ion:202 Resp: 5224283
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.4 14.1 21.1



#79
Terphenyl-d14
Concen: 145.128 ng
RT: 19.786 min Scan# 2856
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:244 Resp: 7496313
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.0 8.6 12.8

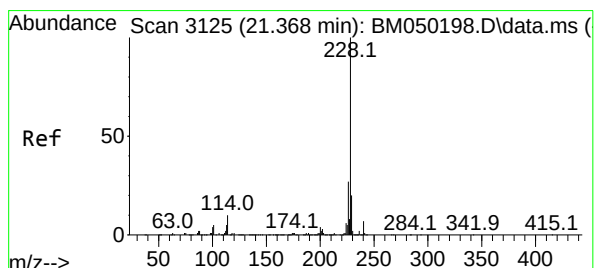
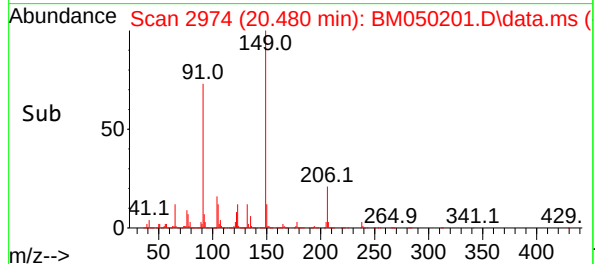
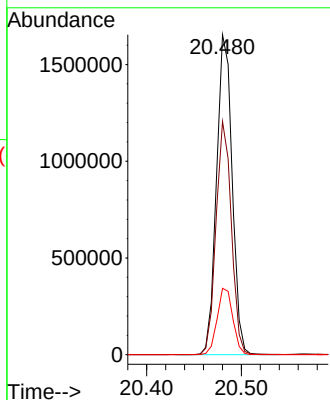
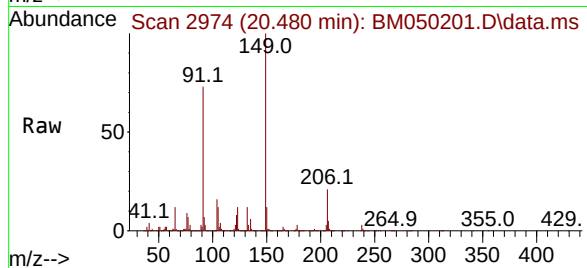




#80
Butylbenzylphthalate
Concen: 86.212 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

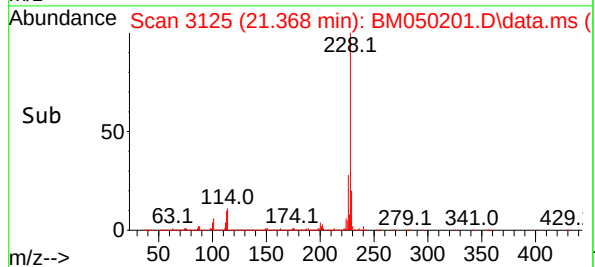
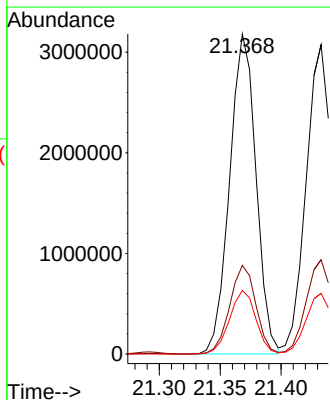
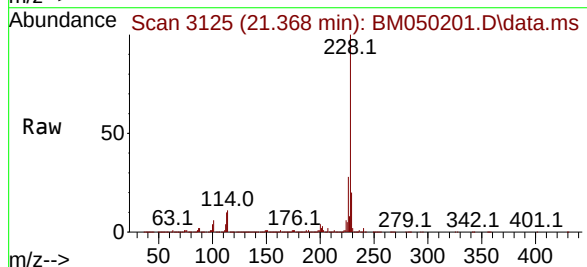
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

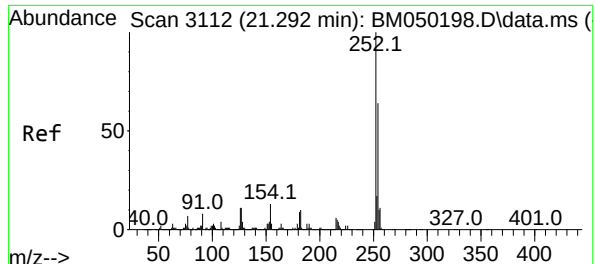
Tgt Ion:149 Resp: 1897236
Ion Ratio Lower Upper
149 100
91 72.9 56.9 85.3
206 20.7 16.1 24.1



#81
Benzo(a)anthracene
Concen: 77.435 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:228 Resp: 4797580
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.9 15.7 23.5

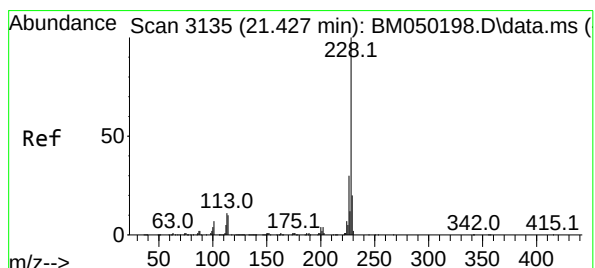
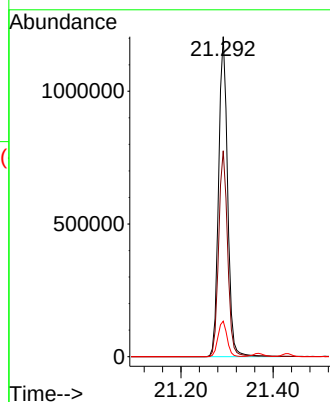
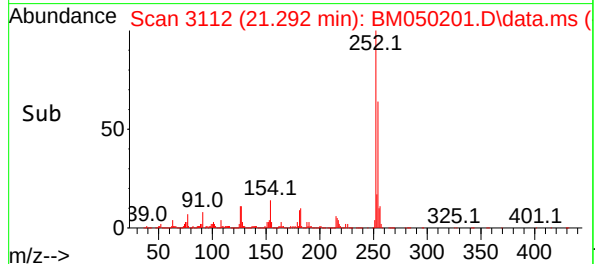
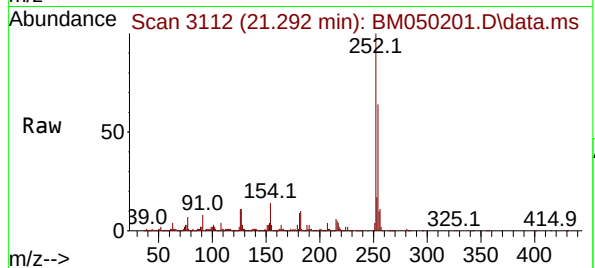




#82
3,3'-Dichlorobenzidine
Concen: 86.143 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

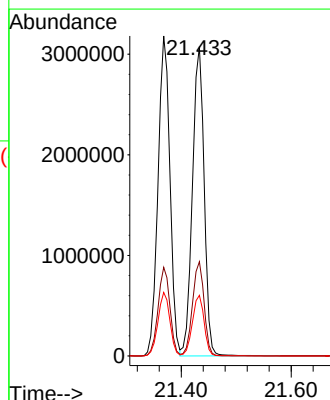
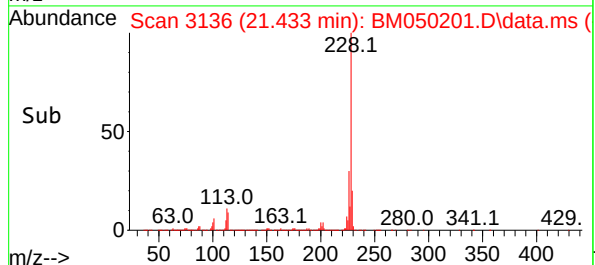
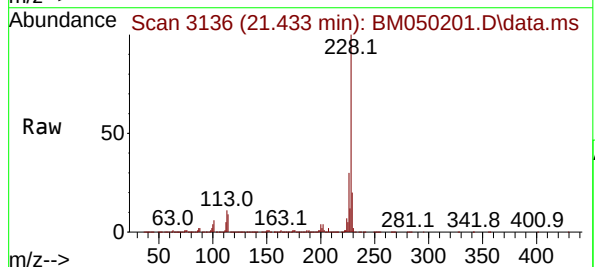
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

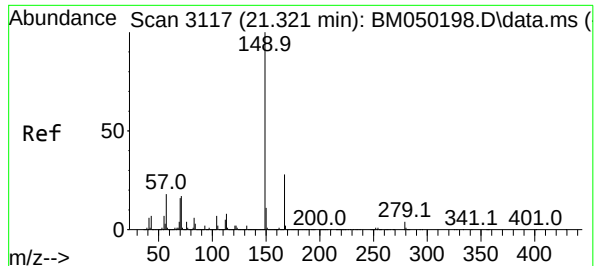
Tgt Ion:252 Resp: 1627542
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.0
126 11.1 8.6 12.8



#83
Chrysene
Concen: 77.162 ng
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:228 Resp: 4547461
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 19.6 15.8 23.8

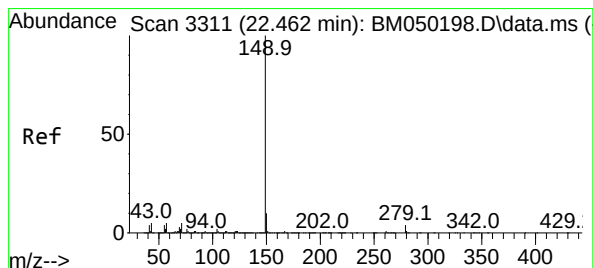
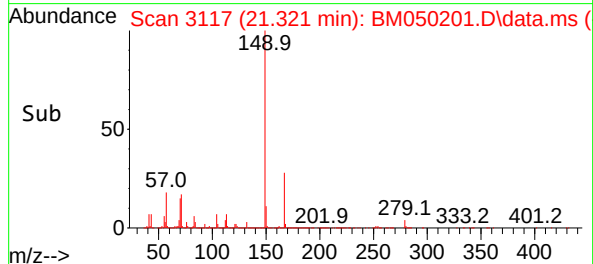
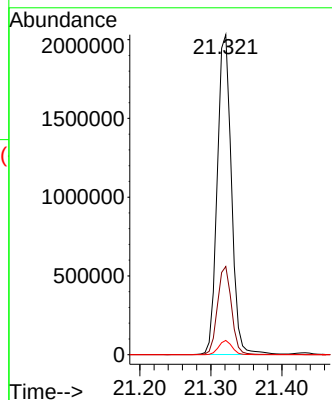
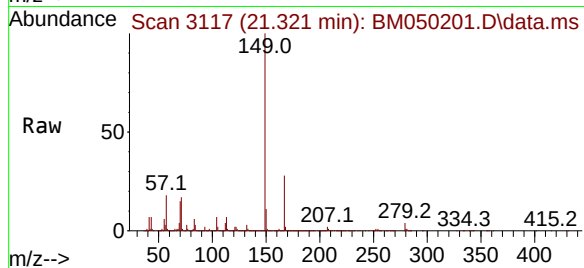




#84
Bis(2-ethylhexyl)phthalate
Concen: 82.490 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

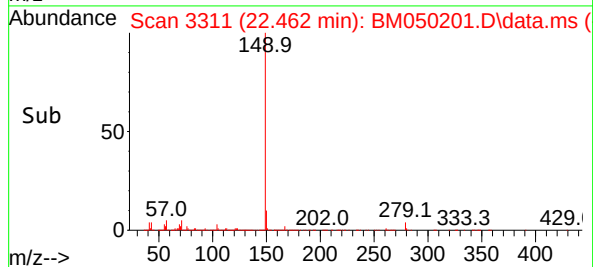
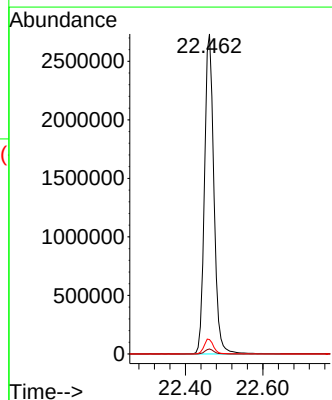
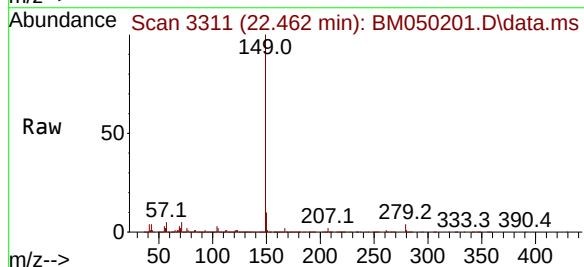
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

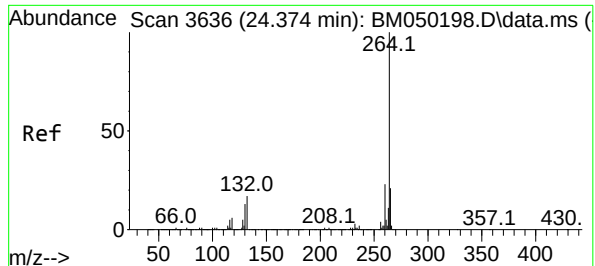
Tgt Ion:149 Resp: 2796211
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 4.4 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 90.971 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:149 Resp: 4575834
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.7 3.8 5.8

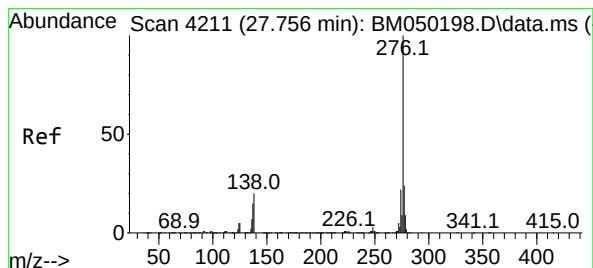
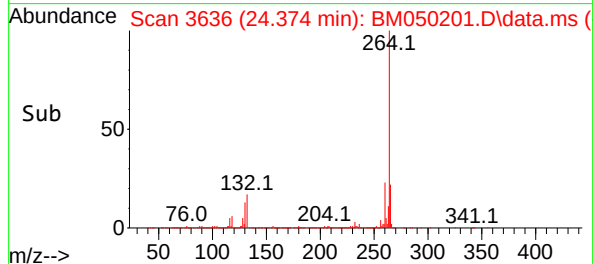
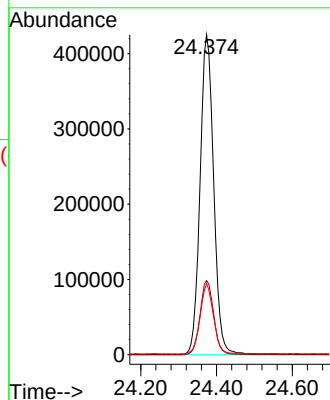
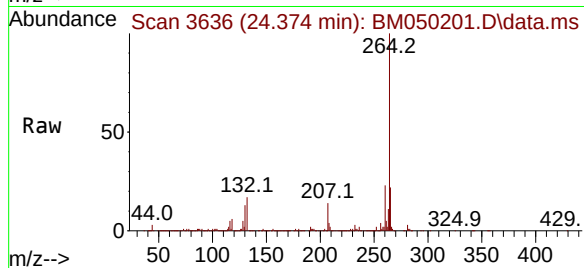




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

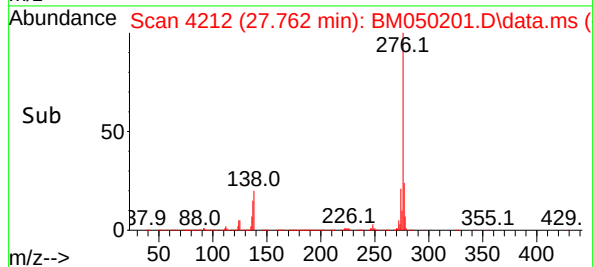
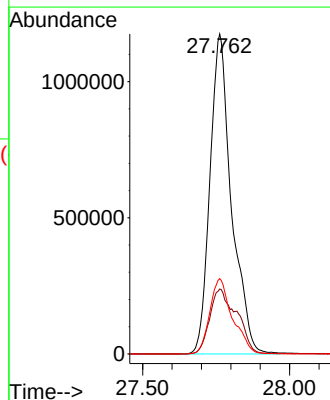
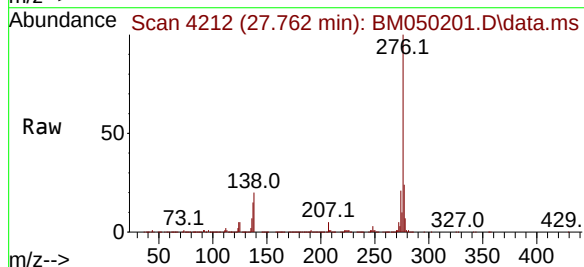
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

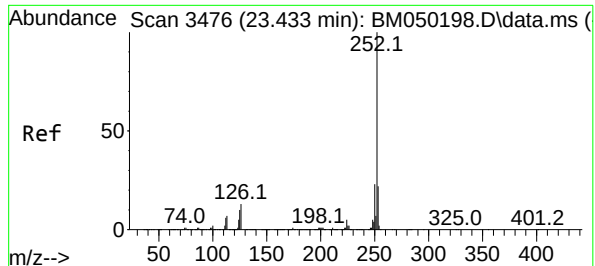
Tgt Ion:264 Resp: 1062363
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 22.3 16.8 25.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 87.435 ng
RT: 27.762 min Scan# 4212
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:276 Resp: 5980793
Ion Ratio Lower Upper
276 100
138 25.6 20.6 30.8
277 24.9 19.8 29.6

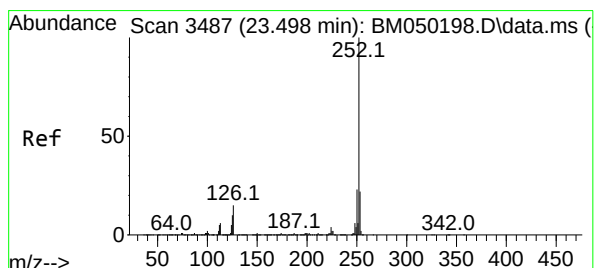
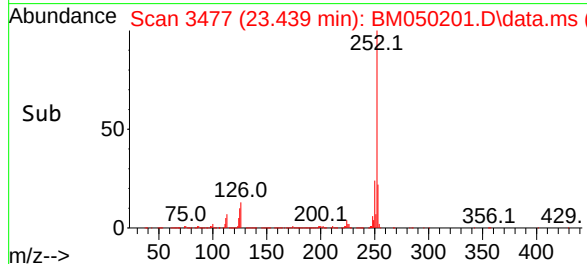
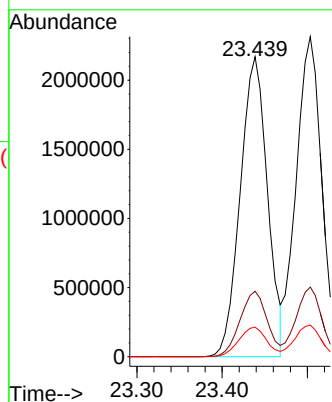
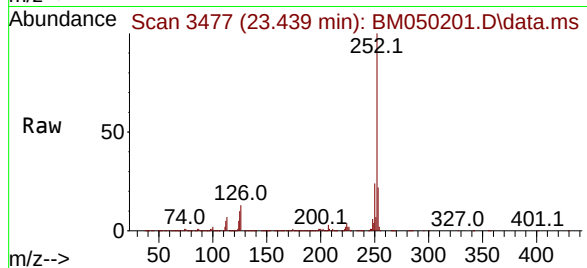




#88
Benzo(b)fluoranthene
Concen: 77.897 ng
RT: 23.439 min Scan# 3476
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

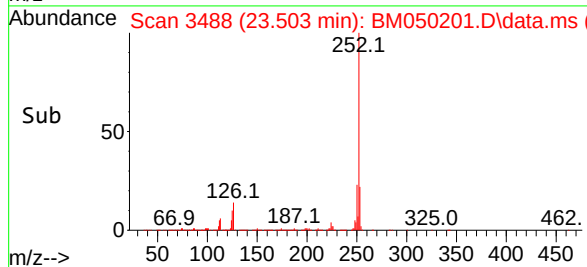
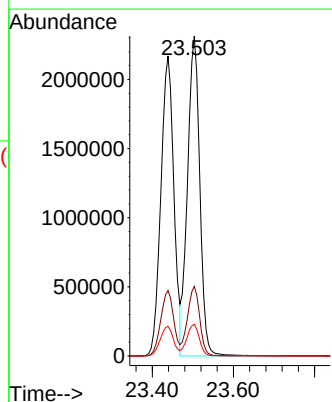
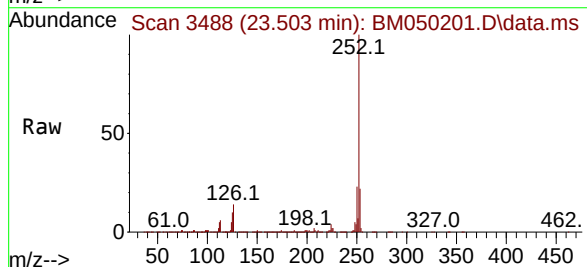
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

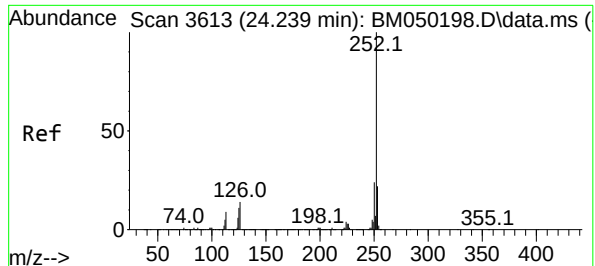
Tgt Ion:252 Resp: 4811379
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.9 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 77.118 ng
RT: 23.503 min Scan# 3488
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:252 Resp: 4862610
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.9 8.2 12.4

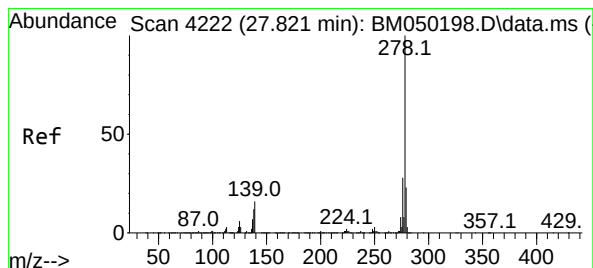
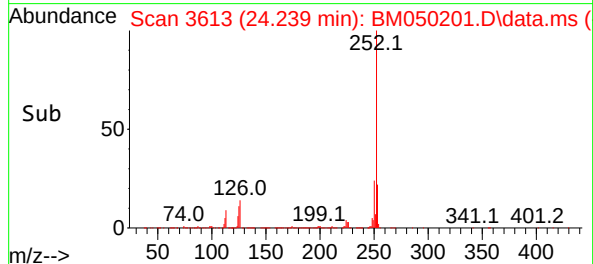
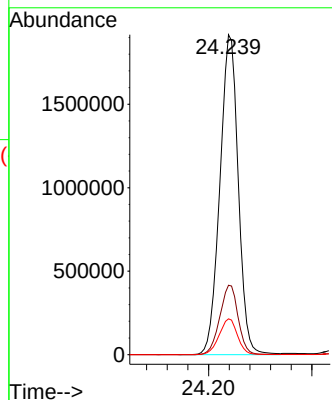
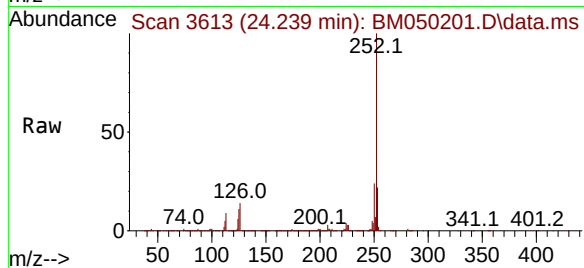




#90
Benzo(a)pyrene
Concen: 81.270 ng
RT: 24.239 min Scan# 3613
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

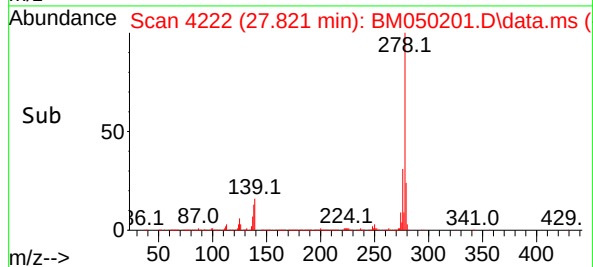
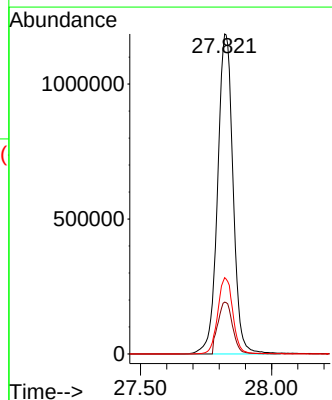
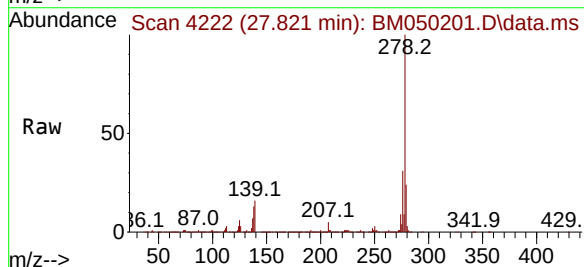
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

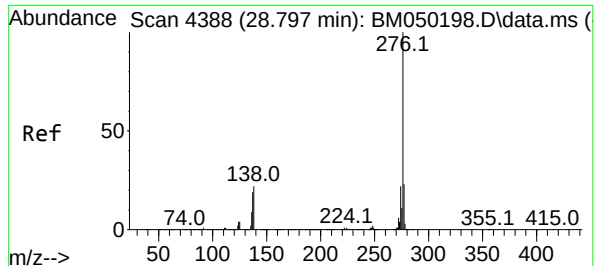
Tgt Ion:252 Resp: 4719647
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.2 9.0 13.4



#91
Dibenzo(a,h)anthracene
Concen: 87.349 ng
RT: 27.821 min Scan# 4222
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

Tgt Ion:278 Resp: 4849919
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 23.8 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 87.646 ng

RT: 28.815 min Scan# 41

Delta R.T. 0.017 min

Lab File: BM050201.D

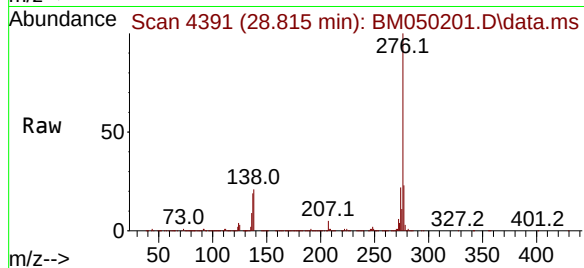
Acq: 05 Jun 2025 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



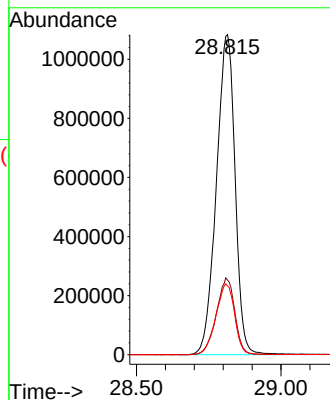
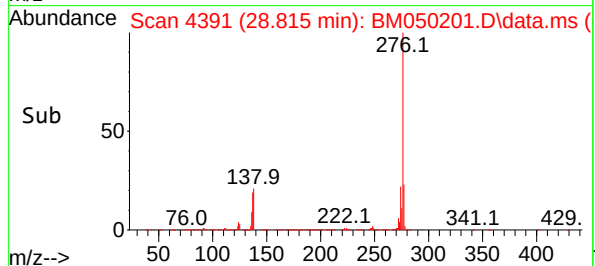
Tgt Ion:276 Resp: 4870648

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 21.5 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050202.D
 Acq On : 05 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060525

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/05/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 15:10:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	318987	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1345797	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	824451	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1474581	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1199833	20.000	ng	0.00
86) Perylene-d12	24.374	264	1188981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1363817	71.321	ng	0.00
7) Phenol-d6	6.951	99	1828950	72.656	ng	0.00
23) Nitrobenzene-d5	8.940	82	1707276	65.977	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	671004	71.554	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	3838077	63.026	ng	0.00
79) Terphenyl-d14	19.780	244	4364574	68.934	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	285619	34.075	ng	98
3) Pyridine	3.681	79	807832	37.216	ng	99
4) n-Nitrosodimethylamine	3.593	42	171804	38.276	ng	95
6) Aniline	7.116	93	1270681	38.184	ng	99
8) 2-Chlorophenol	7.351	128	812307	38.620	ng	99
9) Benzaldehyde	6.928	77	662318m	41.383	ng	
10) Phenol	6.975	94	1020433	38.313	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	819158	38.237	ng	99
12) 1,3-Dichlorobenzene	7.681	146	890155	37.856	ng	99
13) 1,4-Dichlorobenzene	7.822	146	914542	37.381	ng	99
14) 1,2-Dichlorobenzene	8.140	146	881362	37.789	ng	99
15) Benzyl Alcohol	8.022	79	702528	39.129	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	556648	37.404	ng	98
17) 2-Methylphenol	8.222	107	686759	39.079	ng	99
18) Hexachloroethane	8.869	117	336898	38.024	ng	100
19) n-Nitroso-di-n-propyla...	8.598	70	613129	39.802	ng	99
20) 3+4-Methylphenols	8.551	107	925708	39.372	ng	100
22) Acetophenone	8.604	105	1264911	37.622	ng	99
24) Nitrobenzene	8.981	77	897378	38.131	ng	99
25) Isophorone	9.510	82	1719407	38.498	ng	99
26) 2-Nitrophenol	9.687	139	415162	40.867	ng	99
27) 2,4-Dimethylphenol	9.751	122	791547	37.886	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1110519	38.061	ng	99
29) 2,4-Dichlorophenol	10.222	162	753084	38.988	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	807629	37.573	ng	100
31) Naphthalene	10.628	128	2548917	36.633	ng	100
32) Benzoic acid	9.875	122	519441	39.598	ng	98
33) 4-Chloroaniline	10.728	127	1127809	38.018	ng	99
34) Hexachlorobutadiene	10.922	225	479592	37.511	ng	99
35) Caprolactam	11.498	113	237644	38.807	ng	99
36) 4-Chloro-3-methylphenol	11.851	107	794929	38.568	ng	100
37) 2-Methylnaphthalene	12.239	142	1594515	37.986	ng	98
38) 1-Methylnaphthalene	12.457	142	1680613	37.722	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	900972	37.845	ng	99
41) Hexachlorocyclopentadiene	12.598	237	569438	39.386	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	598909	38.255	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050202.D
 Acq On : 05 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060525

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/05/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 15:10:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	658288	38.297	ng	100
46) 1,1'-Biphenyl	13.251	154	2269641	36.765	ng	99
47) 2-Chloronaphthalene	13.292	162	1740708	36.269	ng	100
48) 2-Nitroaniline	13.486	65	425146	40.253	ng	98
49) Acenaphthylene	14.139	152	2862688	36.877	ng	99
50) Dimethylphthalate	13.880	163	2084186	37.379	ng	100
51) 2,6-Dinitrotoluene	13.986	165	446609	39.718	ng	99
52) Acenaphthene	14.480	154	1769507	36.444	ng	99
53) 3-Nitroaniline	14.310	138	493099	39.347	ng	96
54) 2,4-Dinitrophenol	14.510	184	228596	34.596	ng	99
55) Dibenzofuran	14.816	168	2585454	36.397	ng	99
56) 4-Nitrophenol	14.610	139	411593	38.588	ng	98
57) 2,4-Dinitrotoluene	14.769	165	592521	39.946	ng	99
58) Fluorene	15.463	166	1965747	36.130	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	557824	37.508	ng	93
60) Diethylphthalate	15.245	149	2031289	36.717	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	950092	36.132	ng	99
62) 4-Nitroaniline	15.469	138	449658	38.283	ng	99
63) Azobenzene	15.751	77	1998483	36.142	ng	98
65) 4,6-Dinitro-2-methylph...	15.533	198	312558	38.808	ng	99
66) n-Nitrosodiphenylamine	15.669	169	1747981	37.727	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	604660	38.453	ng	99
68) Hexachlorobenzene	16.463	284	696502	37.911	ng	100
69) Atrazine	16.621	200	578491	39.186	ng	99
70) Pentachlorophenol	16.804	266	464946	38.925	ng	99
71) Phenanthrene	17.198	178	3046863	36.170	ng	99
72) Anthracene	17.286	178	3101683	36.806	ng	100
73) Carbazole	17.551	167	2778780	36.195	ng	99
74) Di-n-butylphthalate	18.133	149	3122305	37.377	ng	99
75) Fluoranthene	19.209	202	3117387	35.092	ng	100
77) Benzidine	19.392	184	1646454	48.798	ng	100
78) Pyrene	19.568	202	3262895	40.348	ng	99
80) Butylbenzylphthalate	20.480	149	1095153	40.599	ng	98
81) Benzo(a)anthracene	21.368	228	2824621	37.193	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	933068	40.289	ng	100
83) Chrysene	21.433	228	2642484	36.579	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1606973	38.675	ng	100
85) Di-n-octyl phthalate	22.462	149	2382511	38.642	ng	100
87) Indeno(1,2,3-cd)pyrene	27.750	276	2970902	38.807	ng	100
88) Benzo(b)fluoranthene	23.433	252	2608359	37.732	ng	100
89) Benzo(k)fluoranthene	23.497	252	2566064	36.362	ng	100
90) Benzo(a)pyrene	24.239	252	2459411	37.840	ng	99
91) Dibenzo(a,h)anthracene	27.815	278	2412391	38.821	ng	100
92) Benzo(g,h,i)perylene	28.791	276	2411378	38.771	ng	99

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

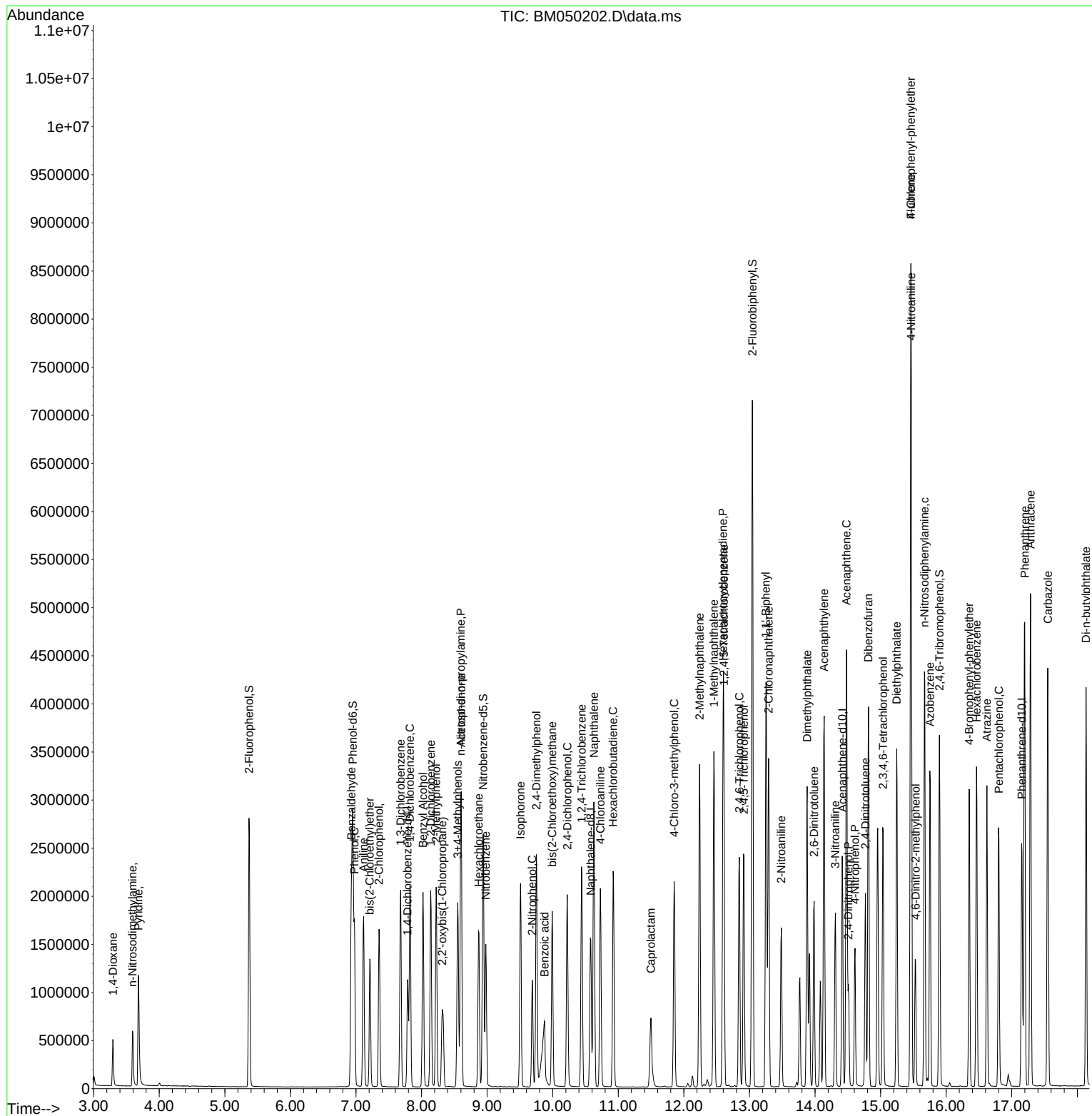
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 Data File : BM050202.D
 Acq On : 05 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 15:10:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration



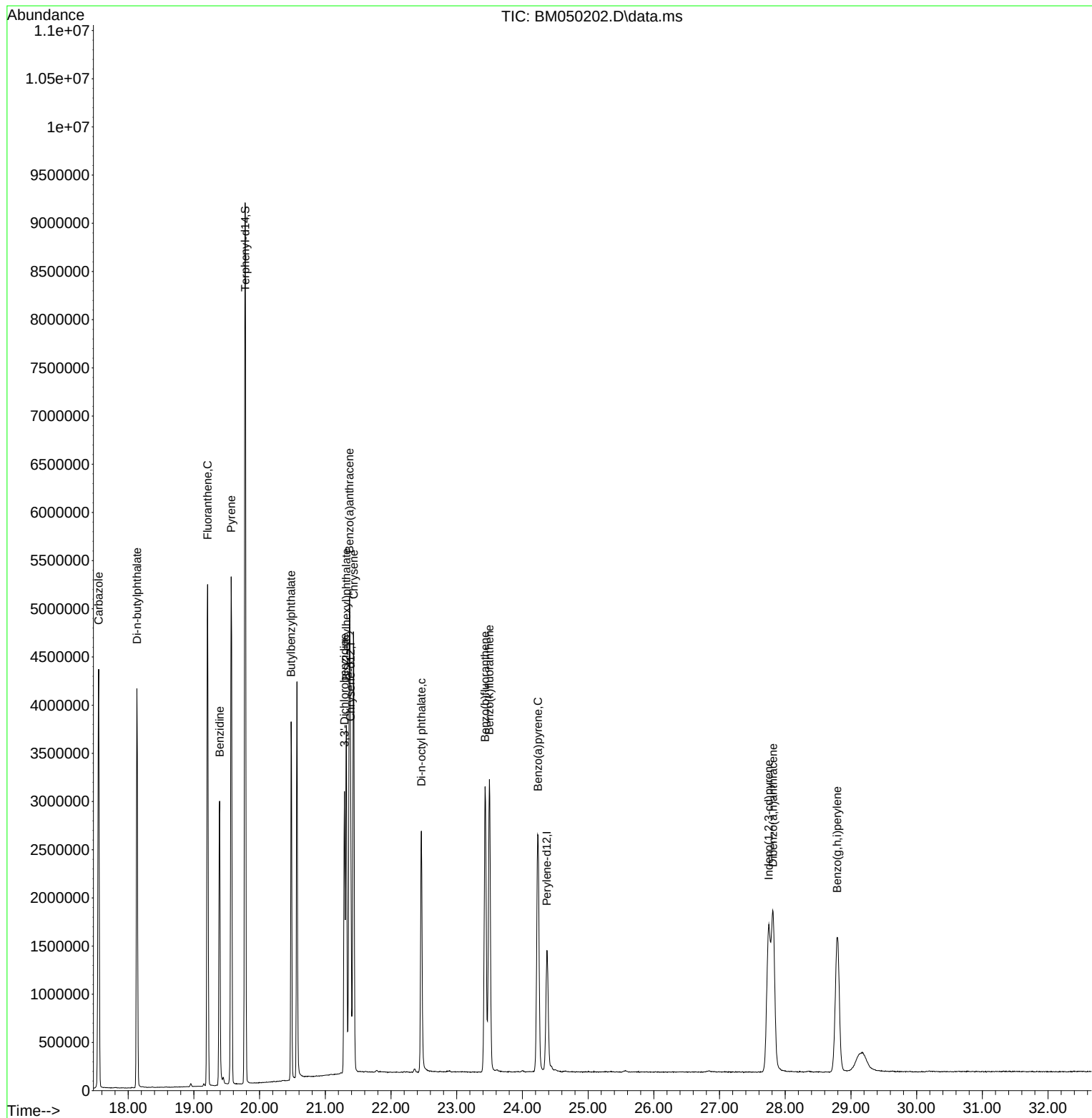
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Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

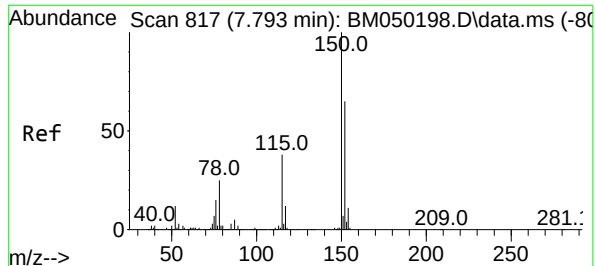
Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

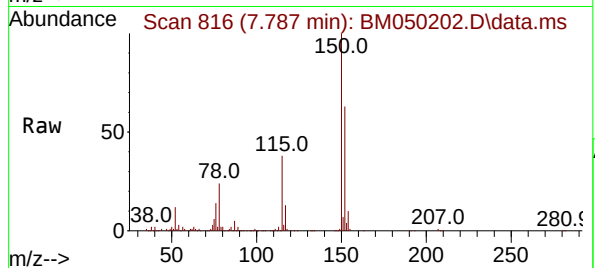
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

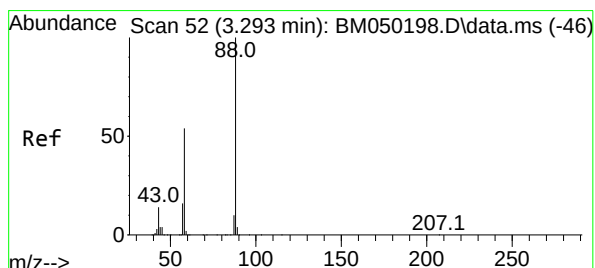
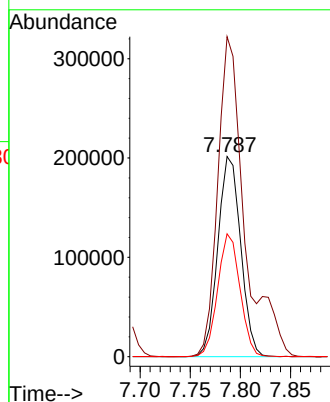
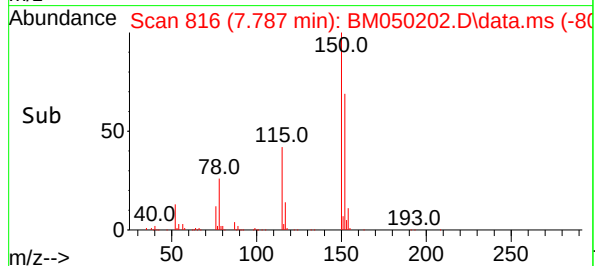
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:152 Resp: 31898
Ion Ratio Lower Upper
152 100
150 159.9 122.2 183.4
115 61.4 46.3 69.5

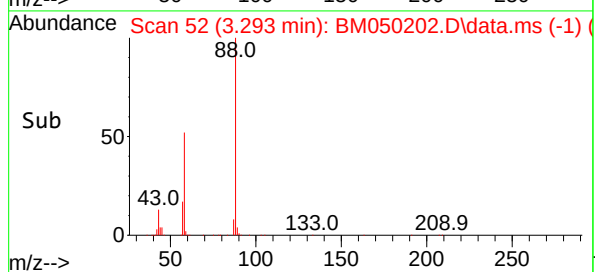
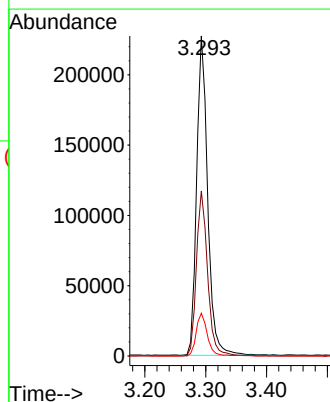
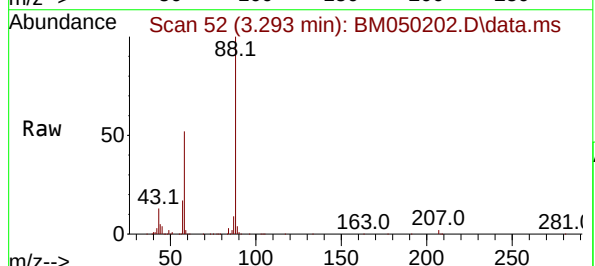
Manual Integrations
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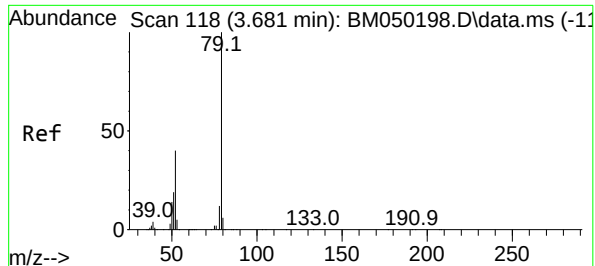
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#2
1,4-Dioxane
Concen: 34.075 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

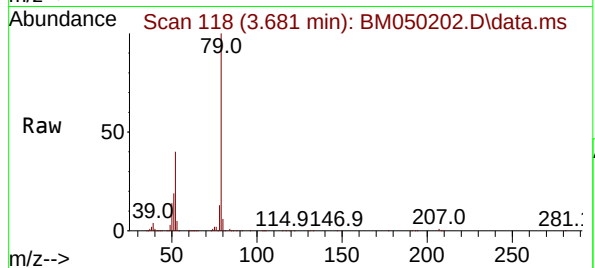
Tgt Ion: 88 Resp: 285619
Ion Ratio Lower Upper
88 100
58 52.3 42.9 64.3
43 13.5 11.0 16.6





#3
Pyridine
Concen: 37.216 ng
RT: 3.681 min Scan# 118
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

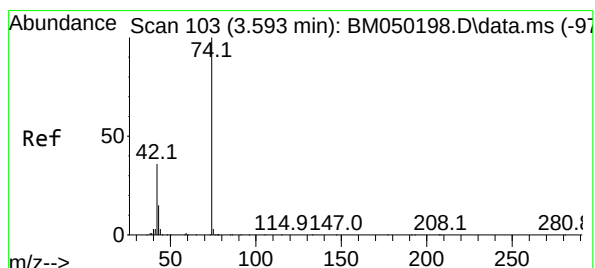
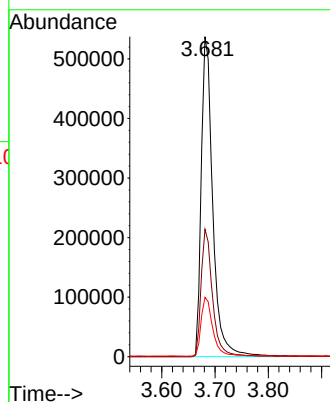
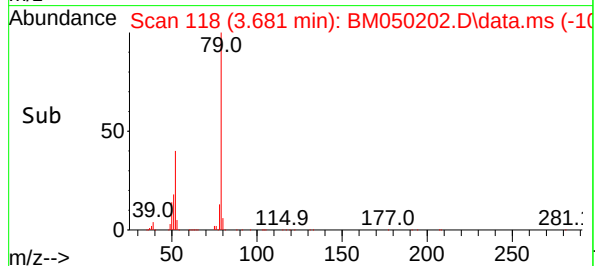
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion: 79 Resp: 807832
Ion Ratio Lower Upper
79 100
52 39.8 32.1 48.1
51 18.6 15.4 23.0

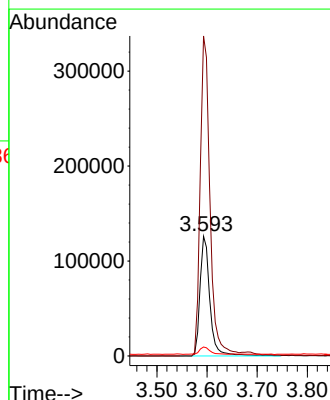
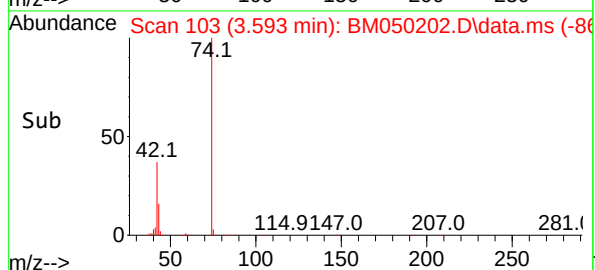
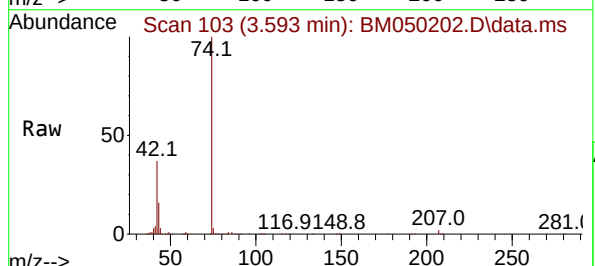
Manual Integrations
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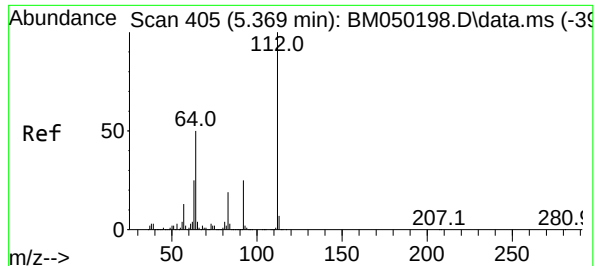
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#4
n-Nitrosodimethylamine
Concen: 38.276 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

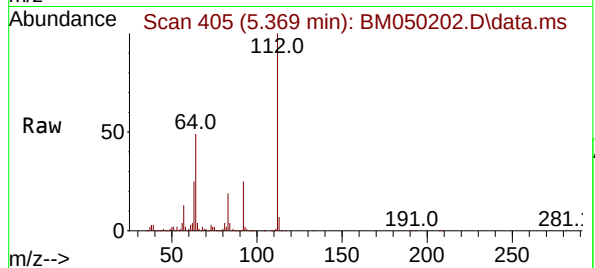
Tgt Ion: 42 Resp: 171804
Ion Ratio Lower Upper
42 100
74 267.3 222.0 333.0
44 7.5 7.0 10.6





#5
2-Fluorophenol
Concen: 71.321 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

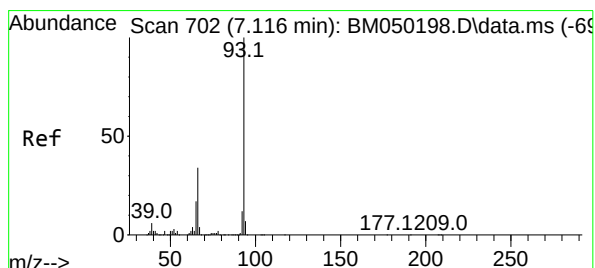
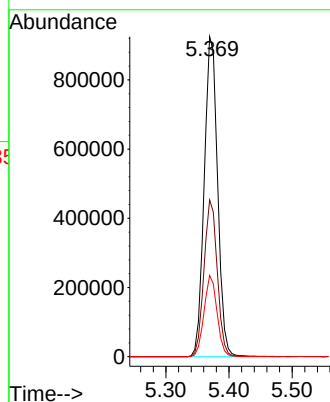
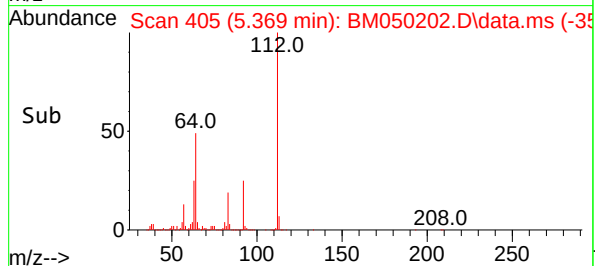
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:112 Resp: 136381
Ion Ratio Lower Upper
112 100
64 49.0 39.8 59.6
63 25.4 19.8 29.8

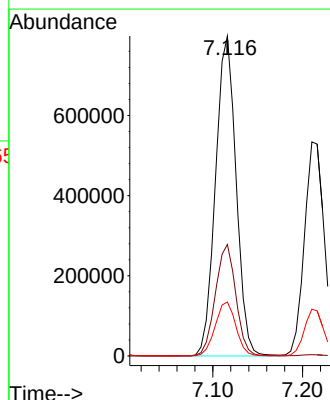
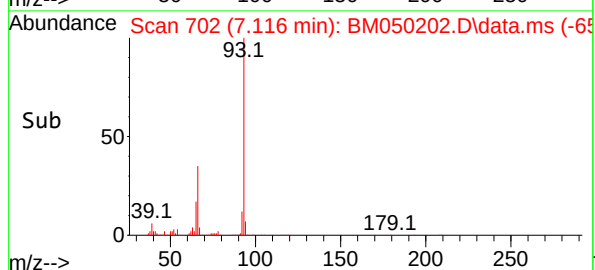
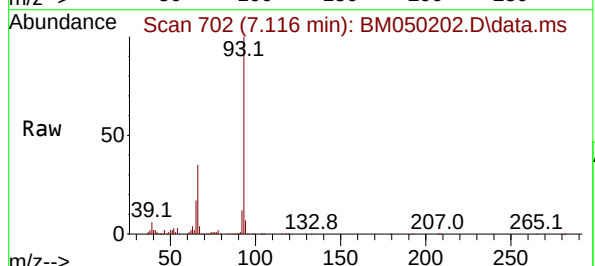
Manual Integrations
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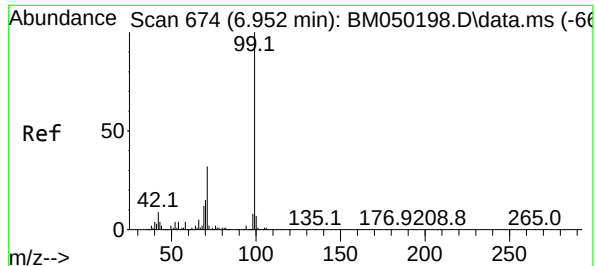
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#6
Aniline
Concen: 38.184 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

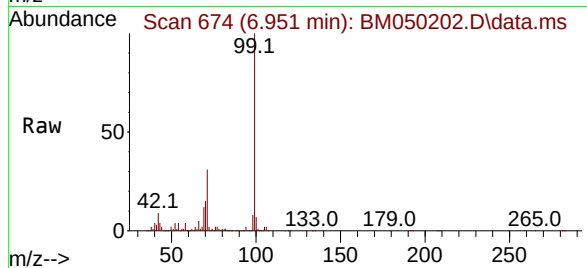
Tgt Ion: 93 Resp: 1270681
Ion Ratio Lower Upper
93 100
66 34.9 27.4 41.2
65 16.9 13.6 20.4





#7
Phenol-d6
Concen: 72.656 ng
RT: 6.951 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

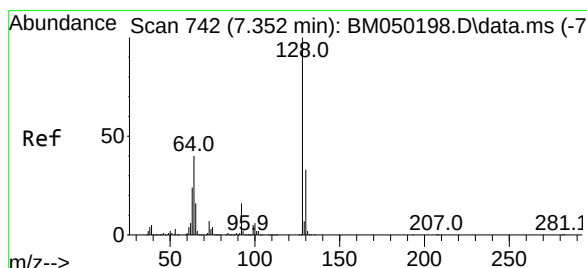
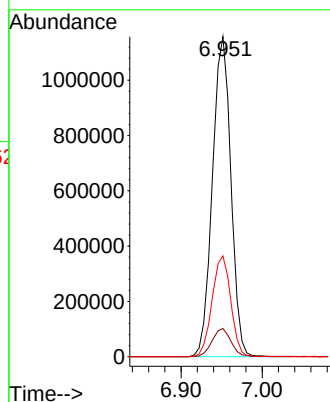
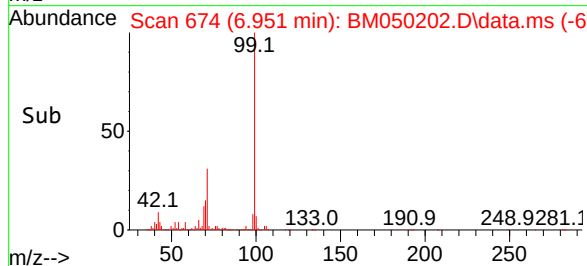
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion: 99 Resp: 1828950
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 31.5 25.3 37.9

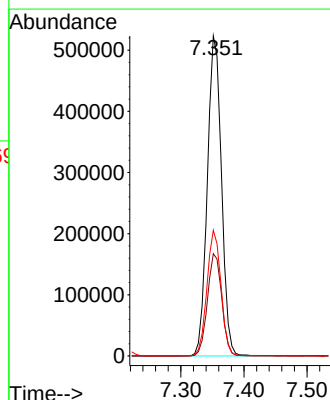
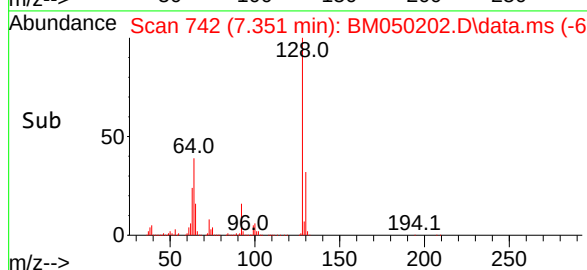
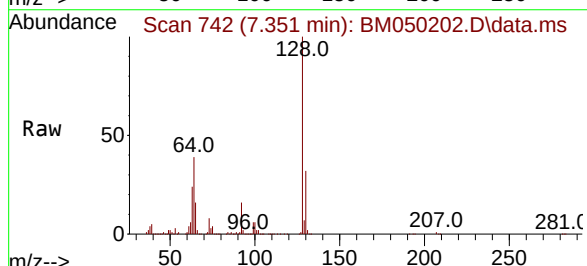
Manual Integrations
APPROVED

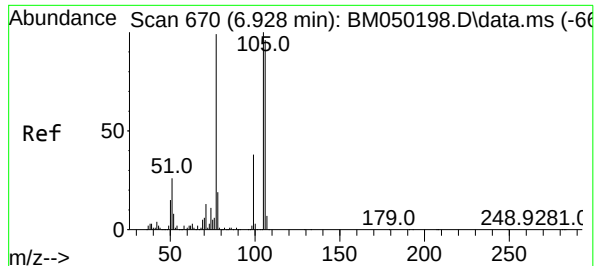
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#8
2-Chlorophenol
Concen: 38.620 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:128 Resp: 812307
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 39.3 19.8 59.8





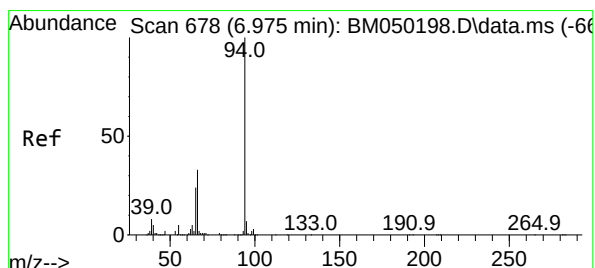
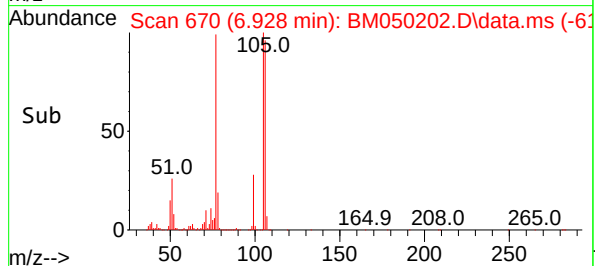
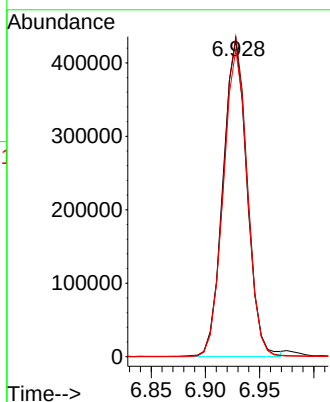
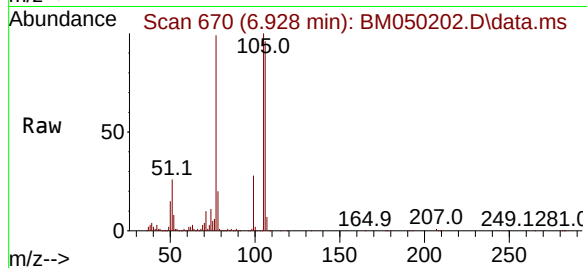
#9
Benzaldehyde
Concen: 41.383 ng m
RT: 6.928 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion: 77 Resp: 662318
Ion Ratio Lower Upper
77 100
105 101.1 80.9 120.9
106 97.0 77.1 117.1

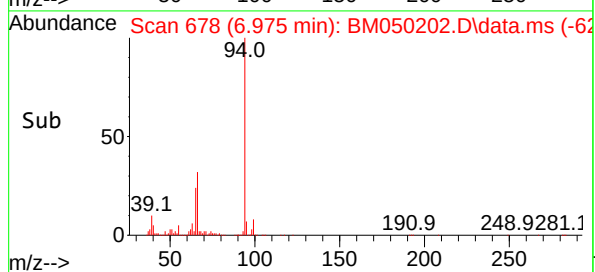
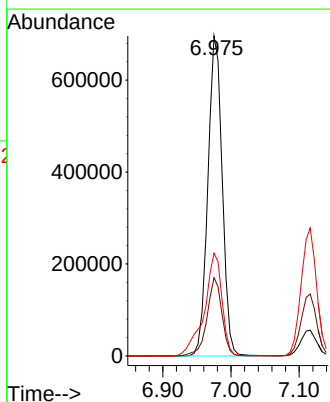
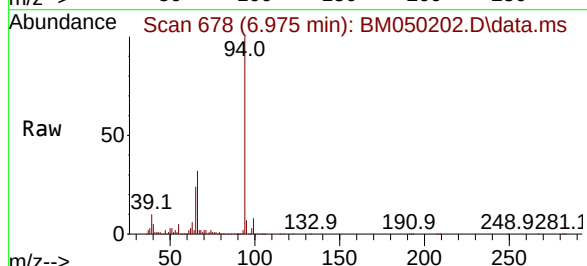
Manual Integrations
APPROVED

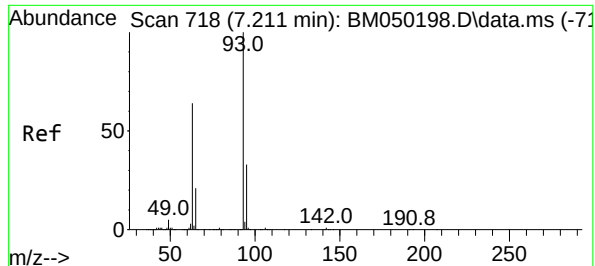
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#10
Phenol
Concen: 38.313 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 94 Resp: 1020433
Ion Ratio Lower Upper
94 100
65 24.4 4.3 44.3
66 32.1 12.9 52.9





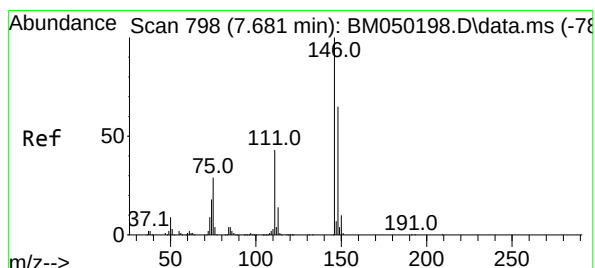
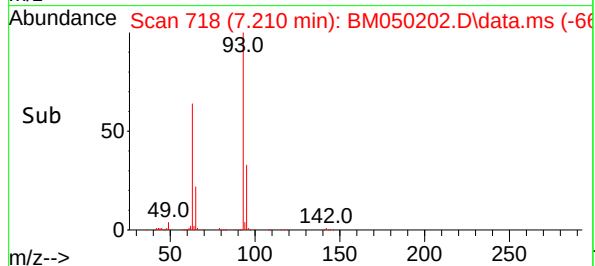
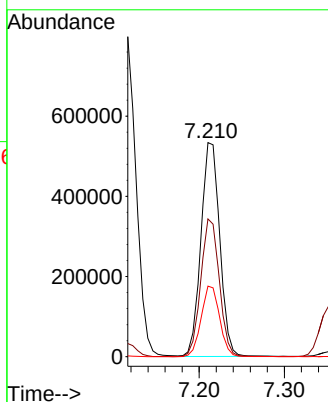
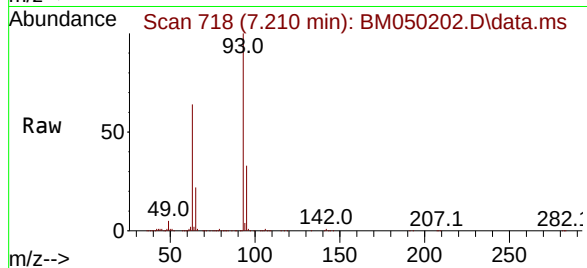
#11
bis(2-Chloroethyl)ether
Concen: 38.237 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Tgt Ion: 93 Resp: 81915
Ion Ratio Lower Upper
93 100
63 64.4 43.9 83.9
95 33.0 12.7 52.7

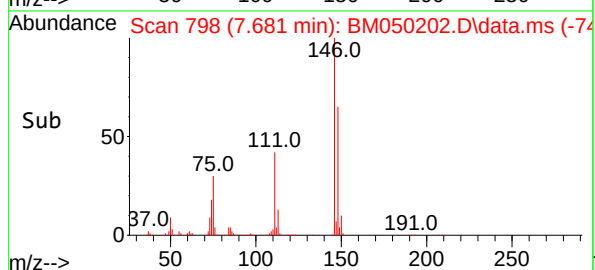
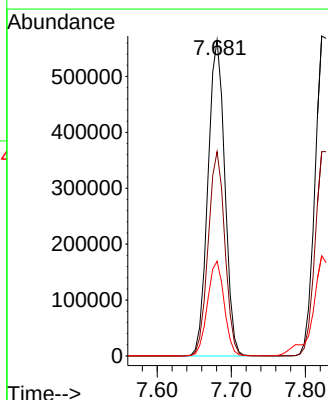
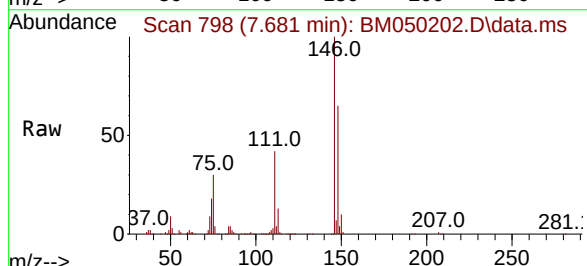
Manual Integrations
APPROVED

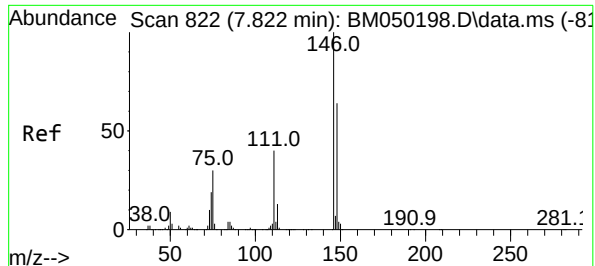
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#12
1,3-Dichlorobenzene
Concen: 37.856 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:146 Resp: 890155
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 30.0 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 37.381 ng

RT: 7.822 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525

Tgt Ion:146 Resp: 91454

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.0

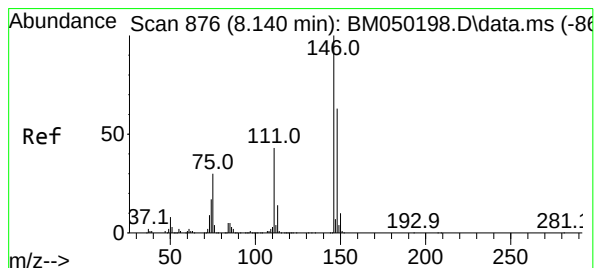
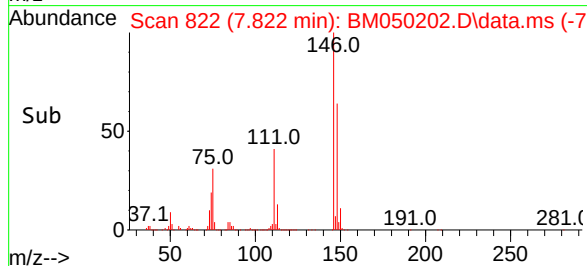
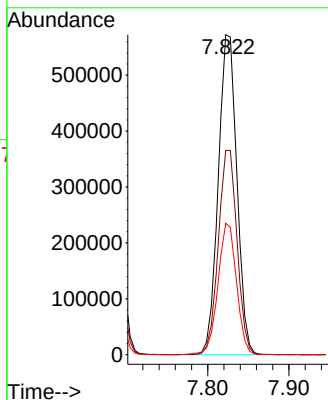
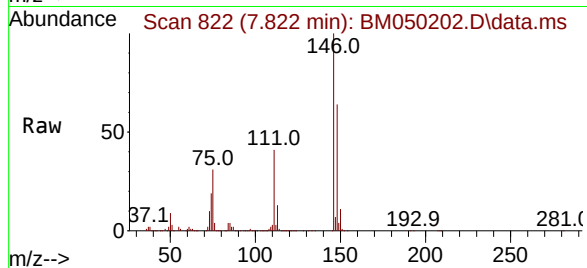
111 41.1 32.3 48.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#14

1,2-Dichlorobenzene

Concen: 37.789 ng

RT: 8.140 min Scan# 876

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

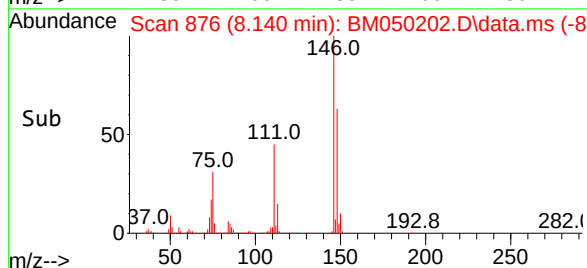
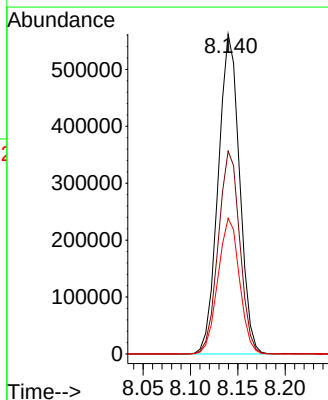
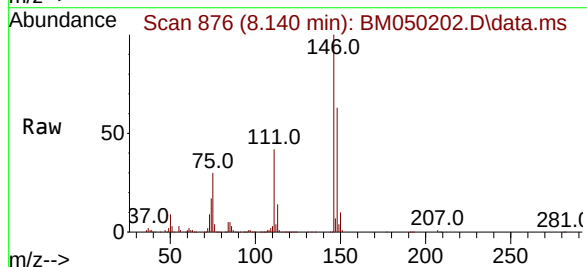
Tgt Ion:146 Resp: 881362

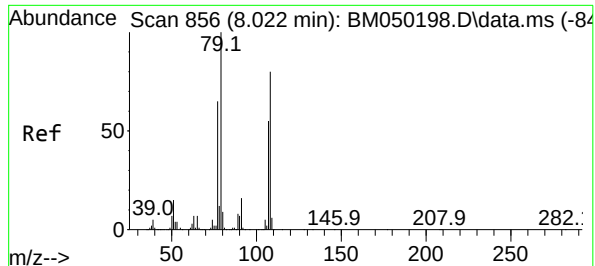
Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

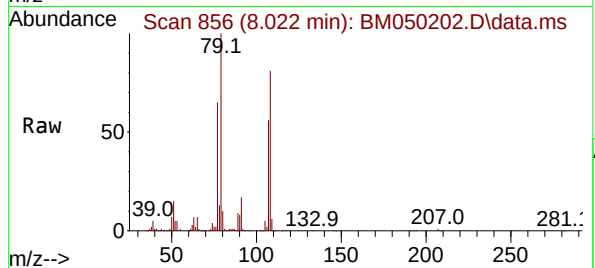
111 42.4 34.3 51.5





#15
Benzyl Alcohol
Concen: 39.129 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

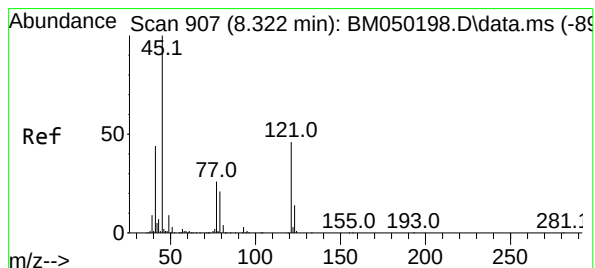
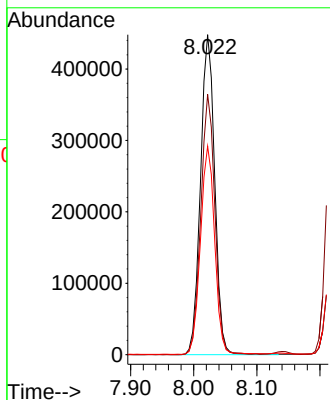
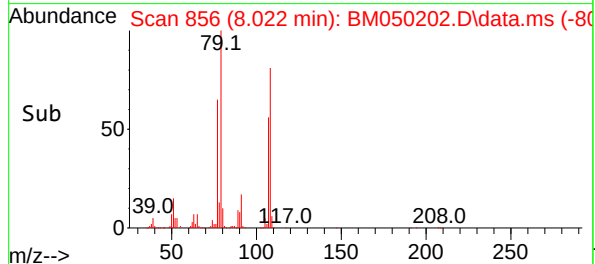
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion: 79 Resp: 702528
Ion Ratio Lower Upper
79 100
108 81.3 64.0 96.0
77 65.1 52.2 78.2

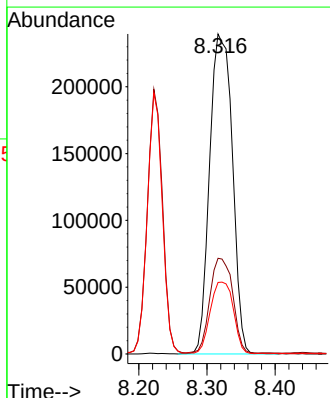
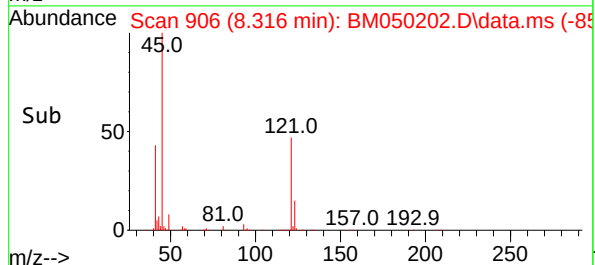
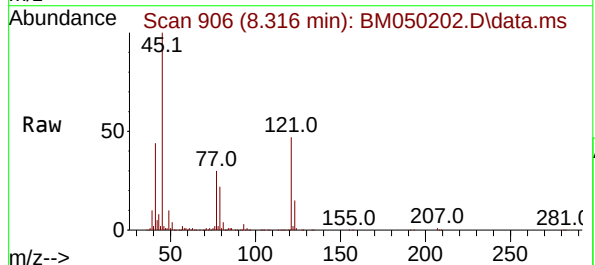
Manual Integrations
APPROVED

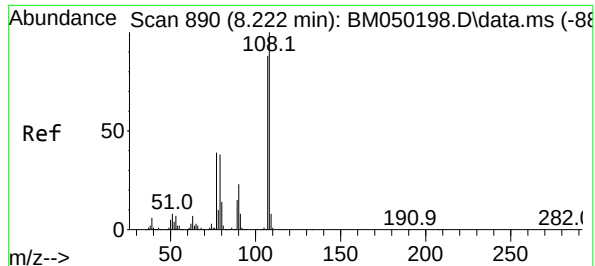
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.404 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion: 45 Resp: 556648
Ion Ratio Lower Upper
45 100
77 29.9 8.7 48.7
79 22.4 2.7 42.7





#17

2-Methylphenol

Concen: 39.079 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050202.D

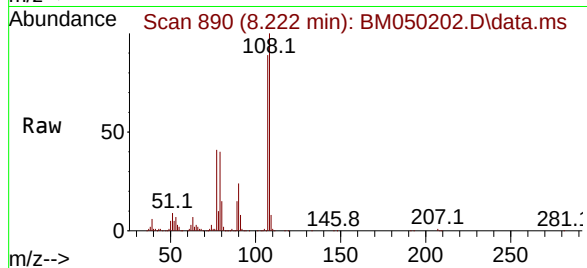
Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525



Tgt Ion:107 Resp: 686759

Ion Ratio Lower Upper

107 100

108 112.2 90.8 136.2

77 45.5 35.7 53.5

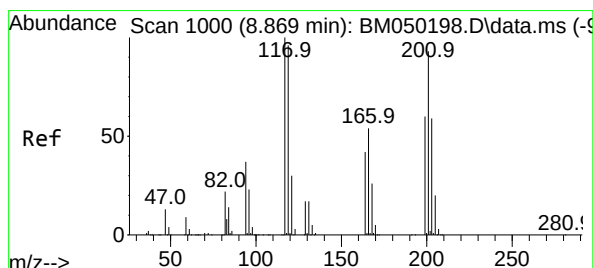
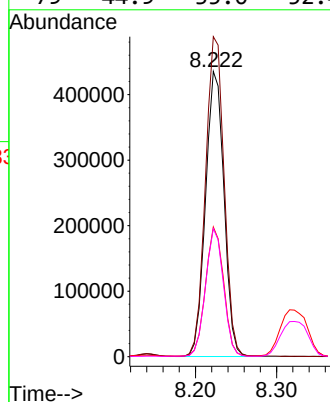
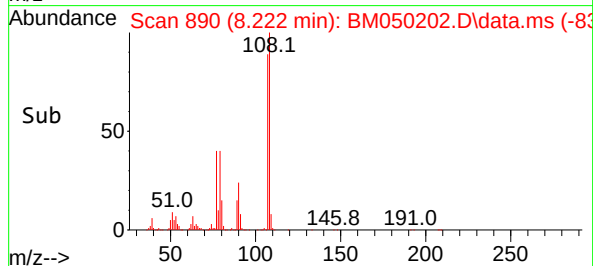
79 44.9 35.0 52.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#18

Hexachloroethane

Concen: 38.024 ng

RT: 8.869 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

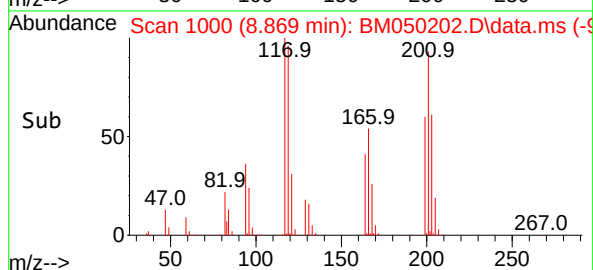
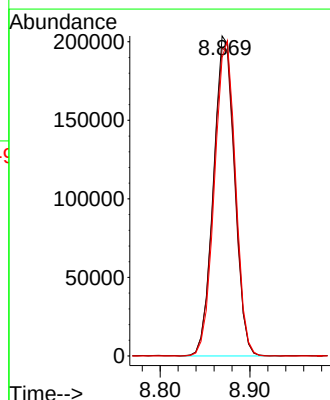
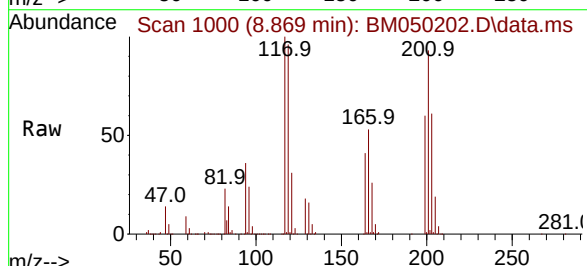
Tgt Ion:117 Resp: 336898

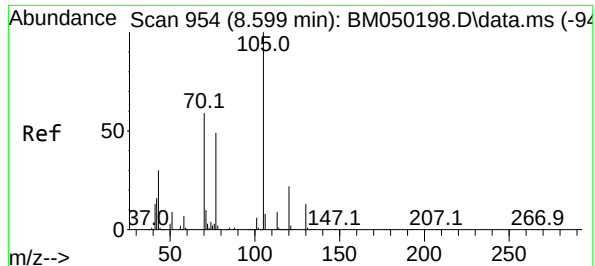
Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.6

201 93.2 74.6 111.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.802 ng

RT: 8.598 min Scan# 954

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525

Tgt Ion: 70 Resp: 613129

Ion Ratio Lower Upper

70 100

42 29.4 22.6 33.8

101 10.5 8.3 12.5

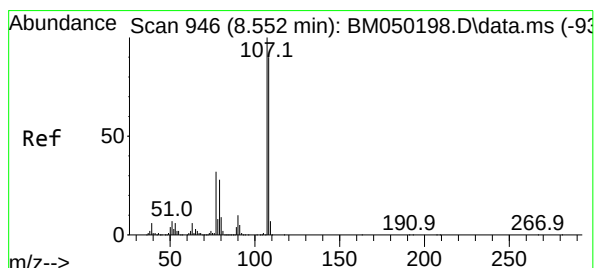
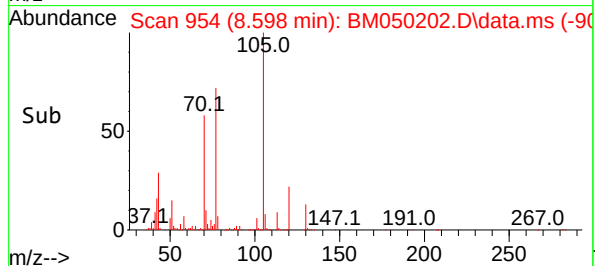
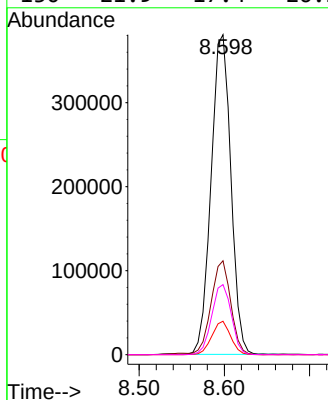
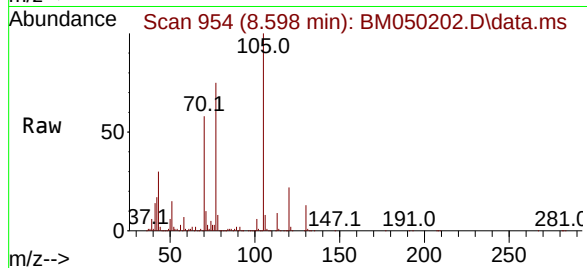
130 21.9 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#20

3+4-Methylphenols

Concen: 39.372 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

Tgt Ion:107 Resp: 925708

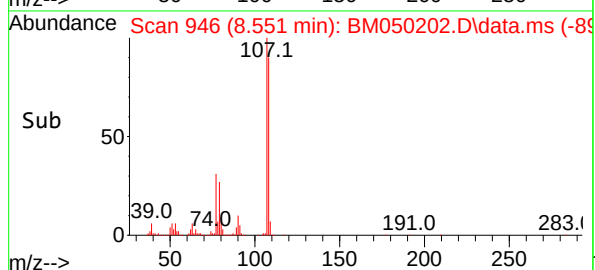
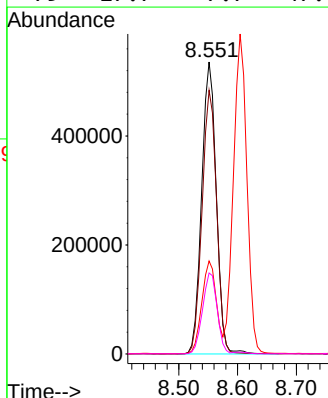
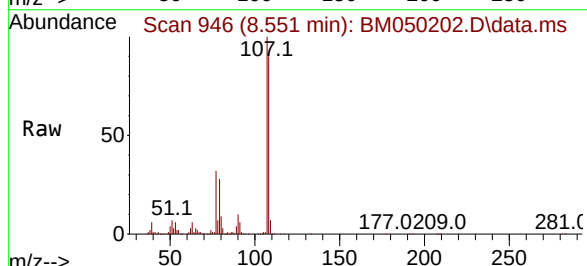
Ion Ratio Lower Upper

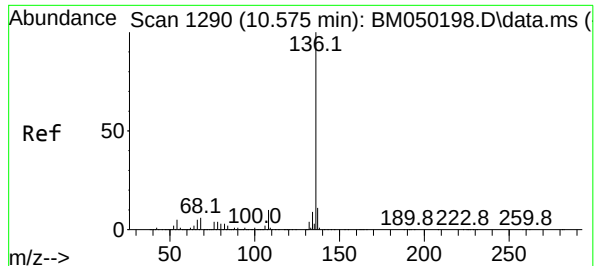
107 100

108 90.3 70.4 110.4

77 31.8 12.2 52.2

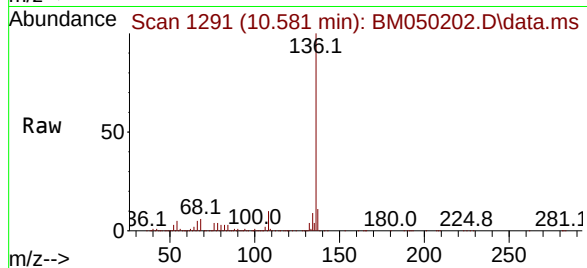
79 27.7 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

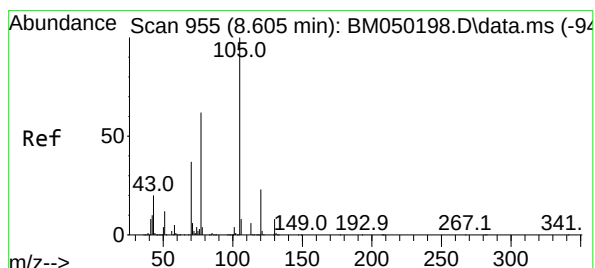
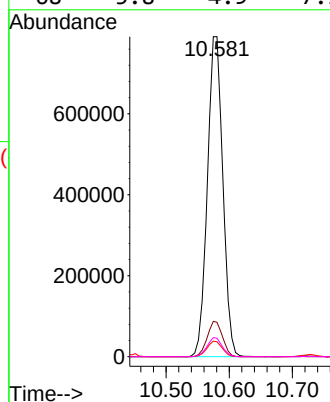
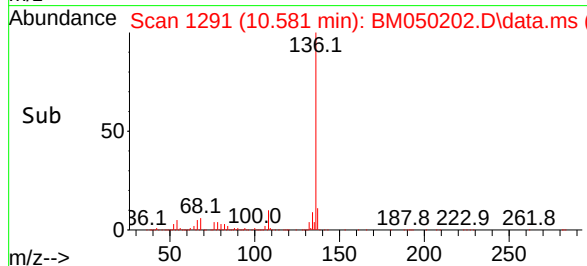
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:136 Resp: 134579
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 4.6 3.8 5.8
68 5.8 4.9 7.3

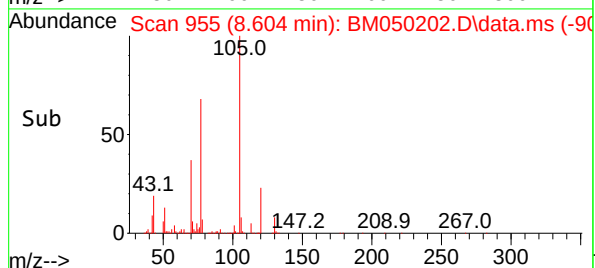
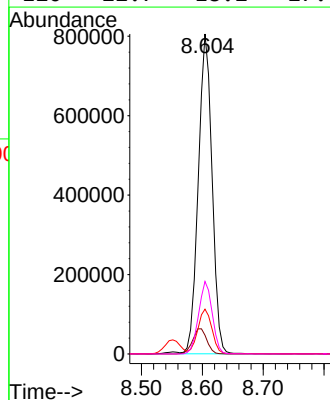
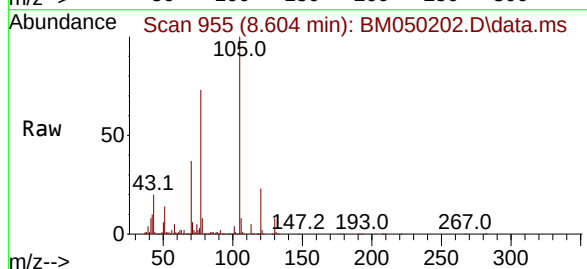
Manual Integrations
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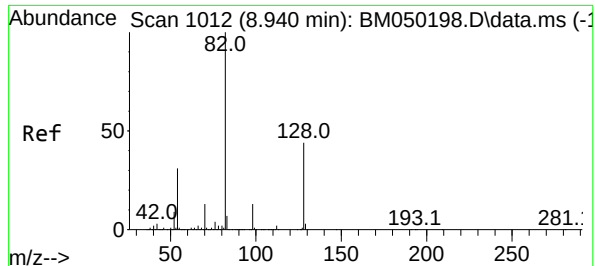
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#22
Acetophenone
Concen: 37.622 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:105 Resp: 1264911
Ion Ratio Lower Upper
105 100
71 5.8 5.0 7.4
51 14.0 11.4 17.2
120 22.7 18.2 27.4





#23

Nitrobenzene-d5

Concen: 65.977 ng

RT: 8.940 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525

Tgt Ion: 82 Resp: 1707270

Ion Ratio Lower Upper

82 100

128 43.4 35.2 52.8

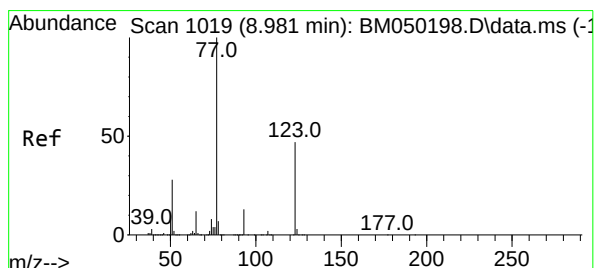
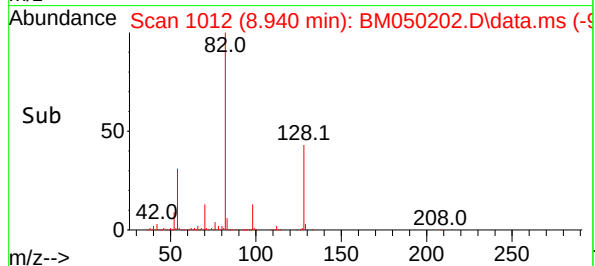
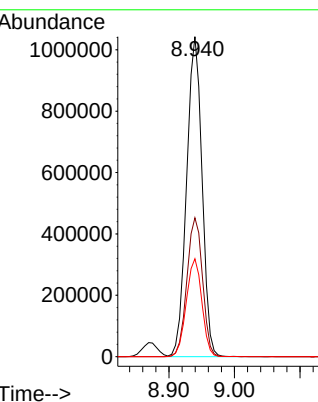
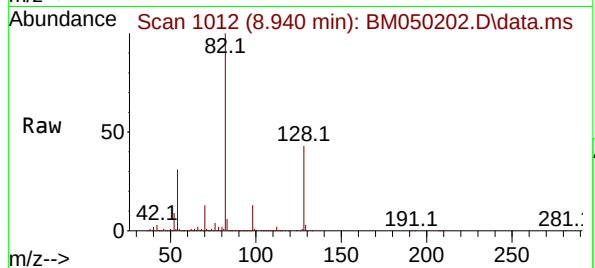
54 30.6 24.5 36.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#24

Nitrobenzene

Concen: 38.131 ng

RT: 8.981 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

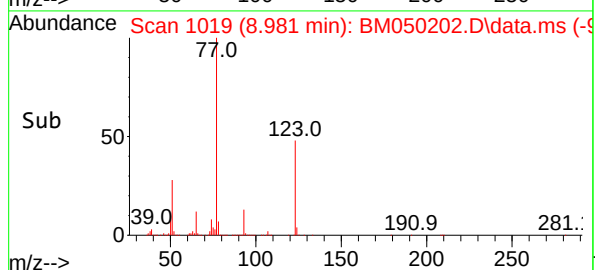
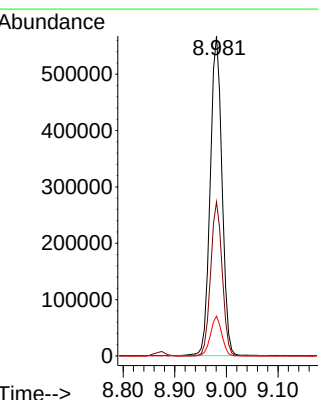
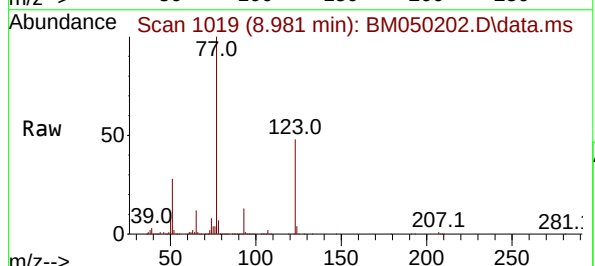
Tgt Ion: 77 Resp: 897378

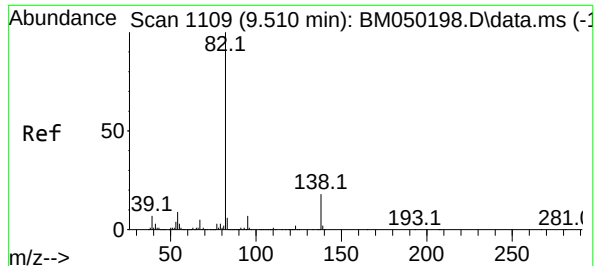
Ion Ratio Lower Upper

77 100

123 48.1 38.2 57.2

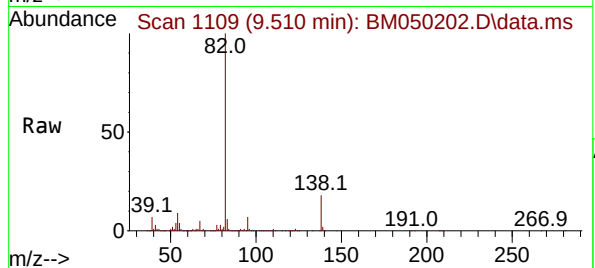
65 12.5 9.5 14.3





#25
Isophorone
Concen: 38.498 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

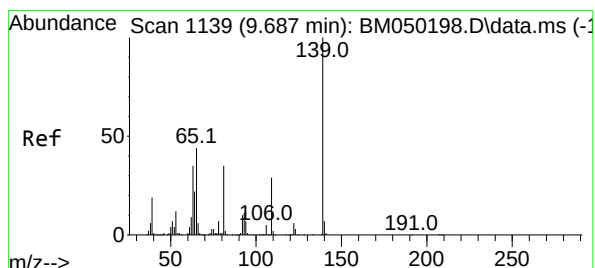
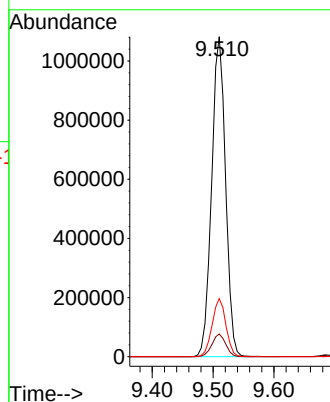
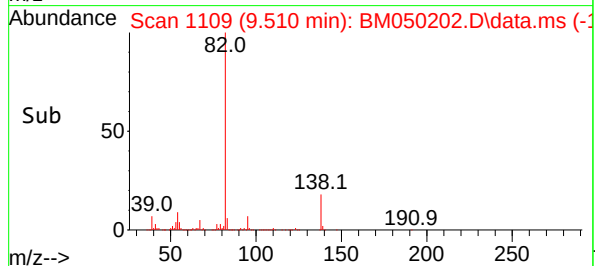
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion: 82 Resp: 171940
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.1 14.2 21.2

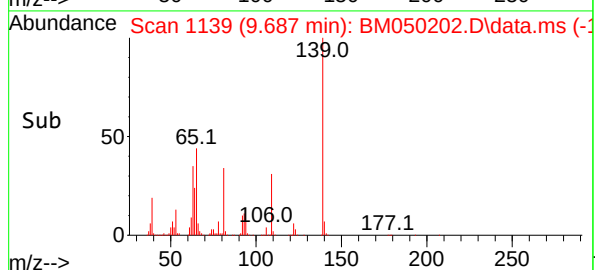
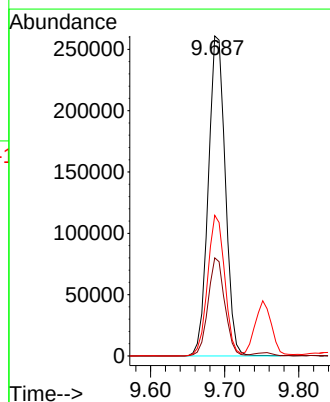
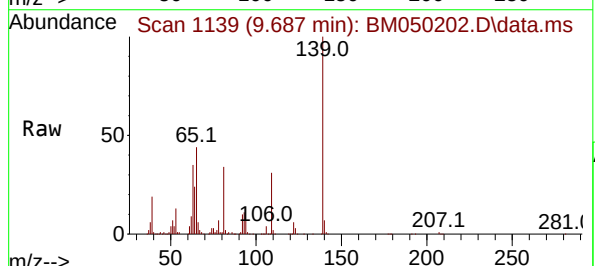
Manual Integrations
APPROVED

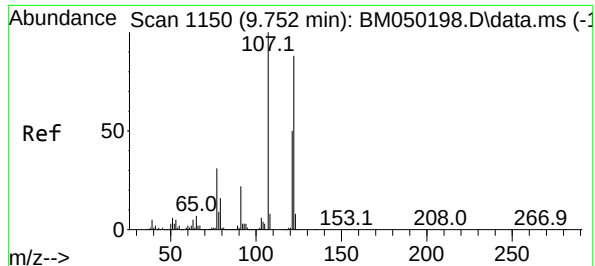
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#26
2-Nitrophenol
Concen: 40.867 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:139 Resp: 415162
Ion Ratio Lower Upper
139 100
109 30.6 23.3 34.9
65 43.9 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 37.886 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050202.D

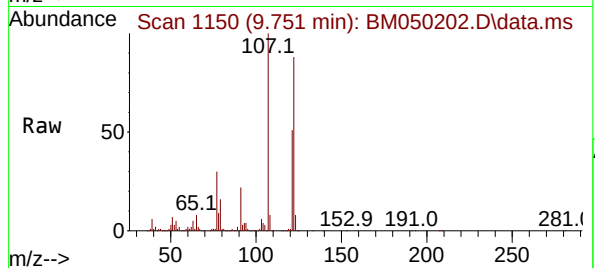
Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525



Tgt Ion:122 Resp: 79154

Ion Ratio Lower Upper

122 100

107 114.0 91.0 136.6

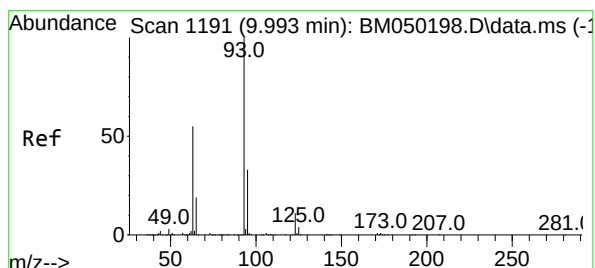
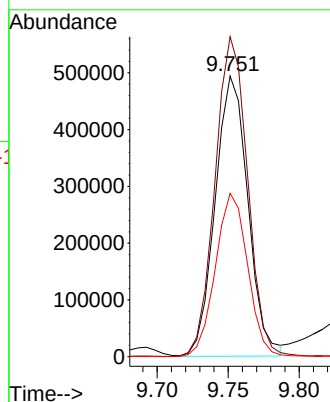
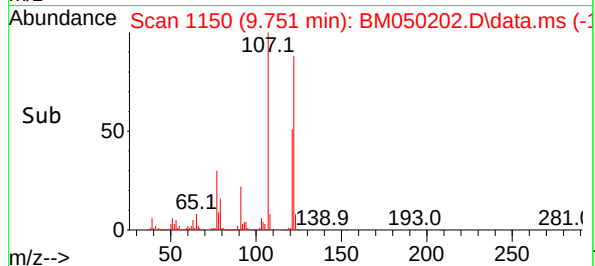
121 58.2 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.061 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

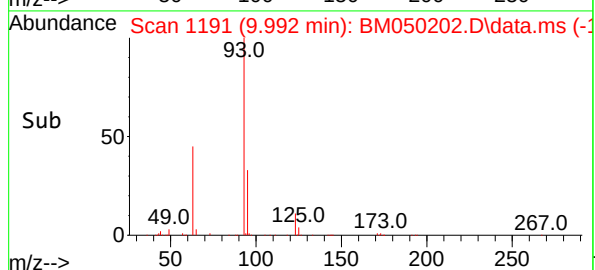
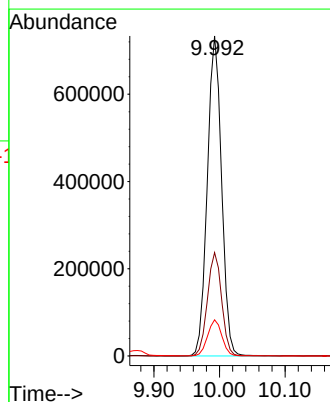
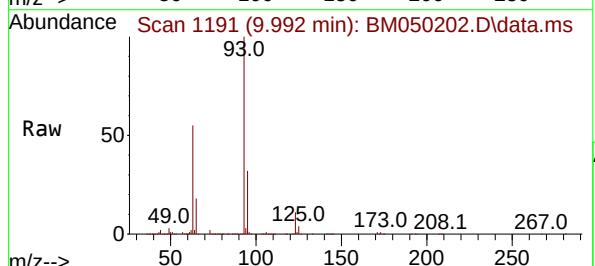
Tgt Ion: 93 Resp: 1110519

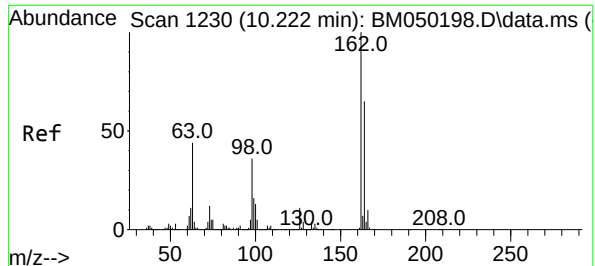
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 38.988 ng

RT: 10.222 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BM050202.D

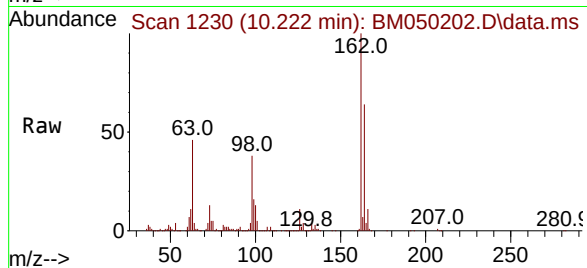
Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525



Tgt Ion:162 Resp: 753084

Ion Ratio Lower Upper

162 100

164 64.2 45.0 85.0

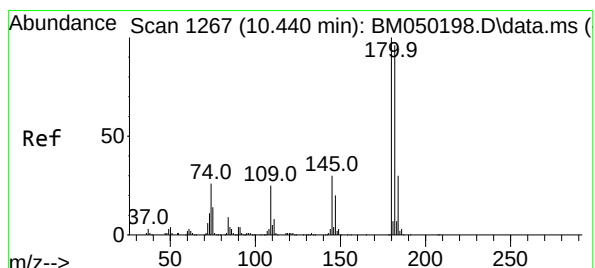
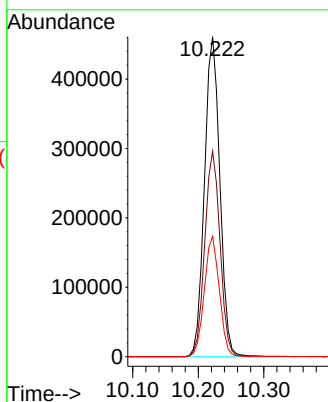
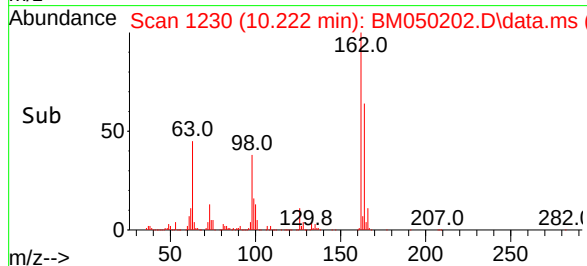
98 37.6 16.3 56.3

Manual Integrations

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Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#30

1,2,4-Trichlorobenzene

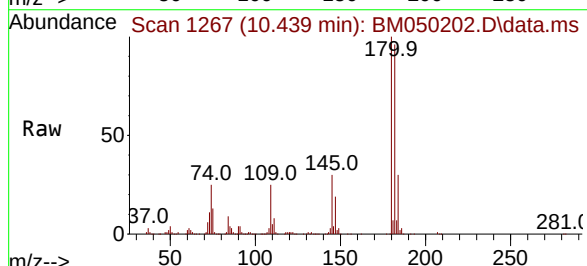
Concen: 37.573 ng

RT: 10.439 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36



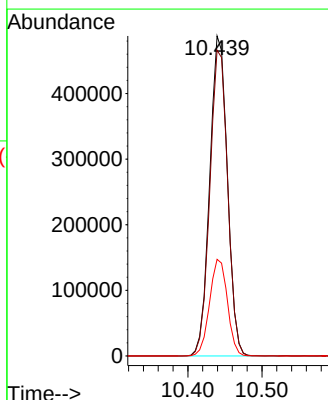
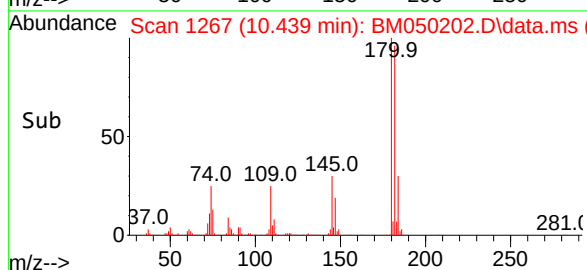
Tgt Ion:180 Resp: 807629

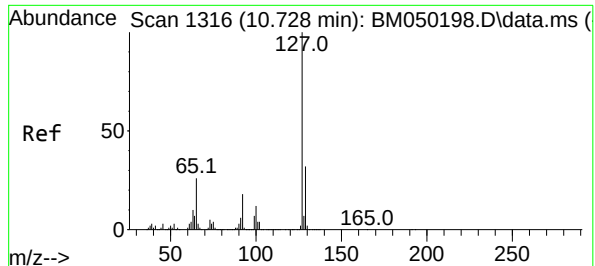
Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

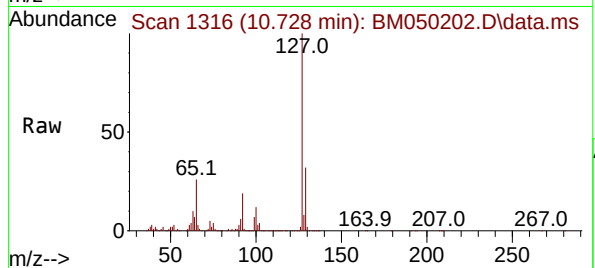
145 30.2 24.2 36.4





#33
4-Chloroaniline
Concen: 38.018 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

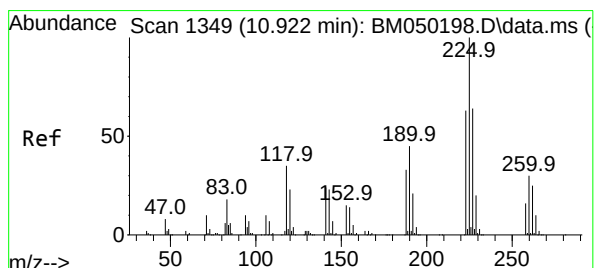
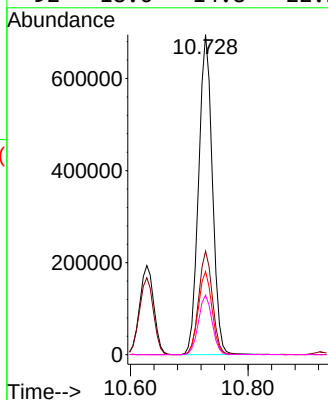
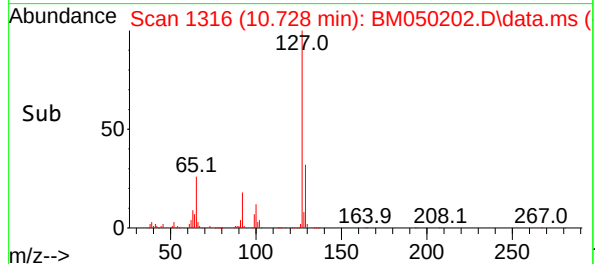
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:127 Resp: 1127809
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.0
65 26.0 21.0 31.4
92 18.6 14.8 22.2

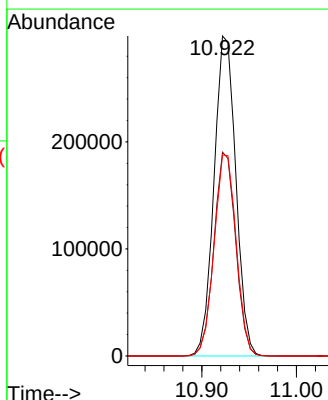
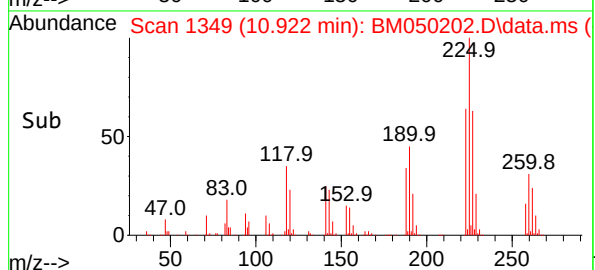
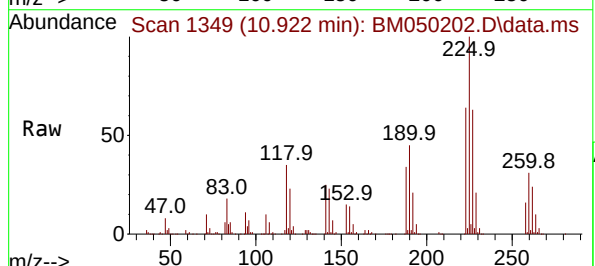
Manual Integrations
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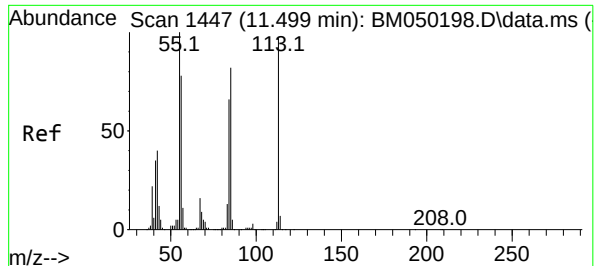
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#34
Hexachlorobutadiene
Concen: 37.511 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

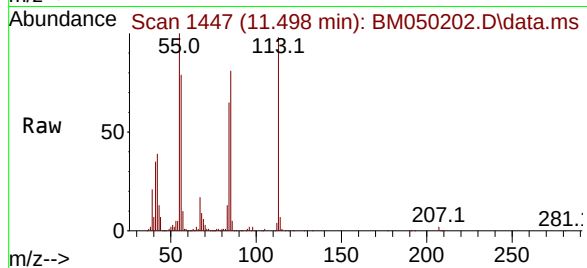
Tgt Ion:225 Resp: 479592
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.2
227 62.9 51.0 76.4





#35
Caprolactam
Concen: 38.807 ng
RT: 11.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

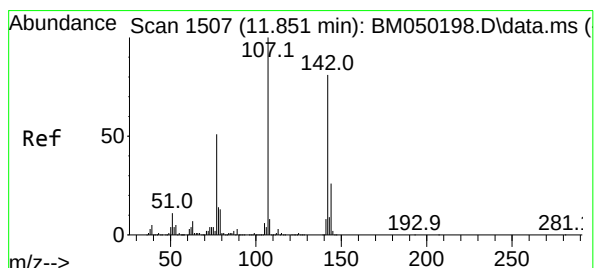
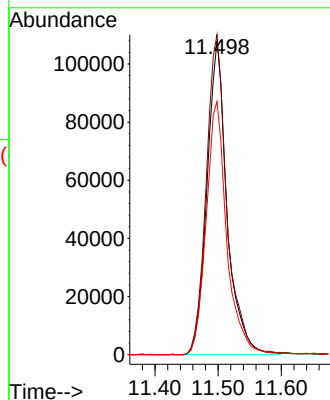
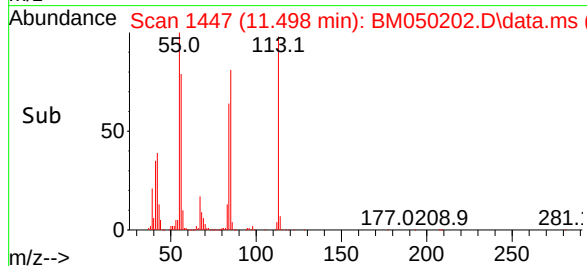
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:113 Resp: 237644
Ion Ratio Lower Upper
113 100
55 101.9 83.5 123.5
56 80.6 60.6 100.6

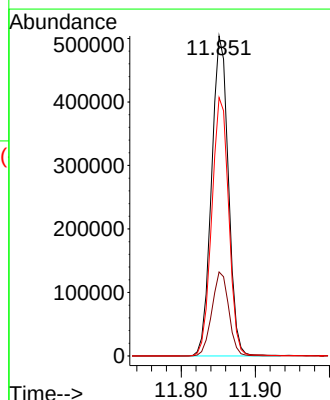
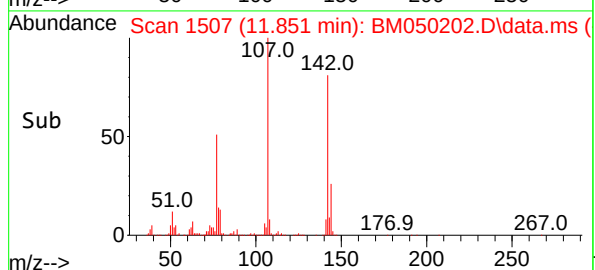
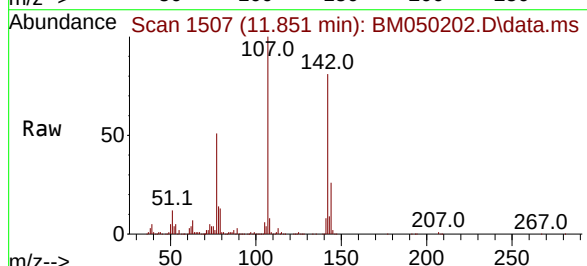
Manual Integrations
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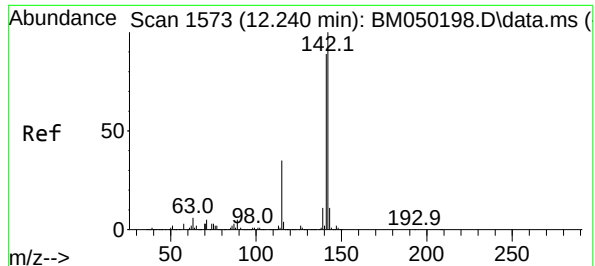
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#36
4-Chloro-3-methylphenol
Concen: 38.568 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

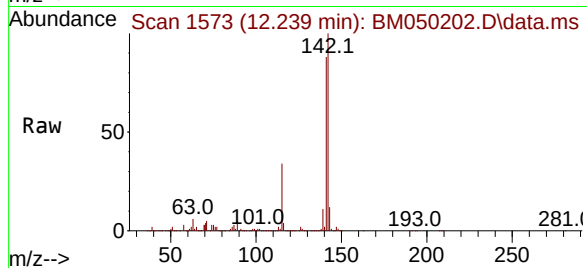
Tgt Ion:107 Resp: 794929
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 80.8 64.8 97.2





#37
2-Methylnaphthalene
Concen: 37.986 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

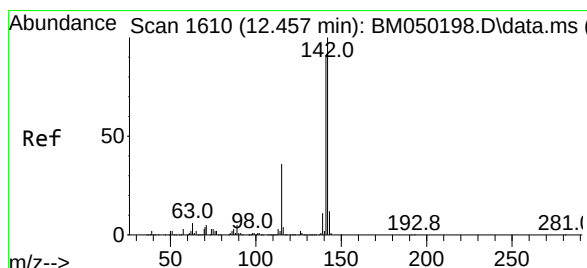
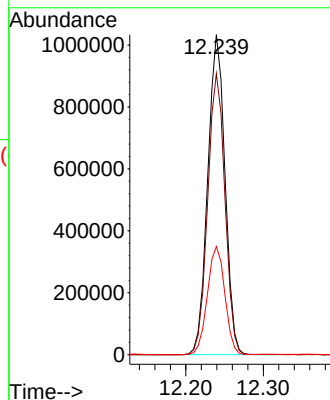
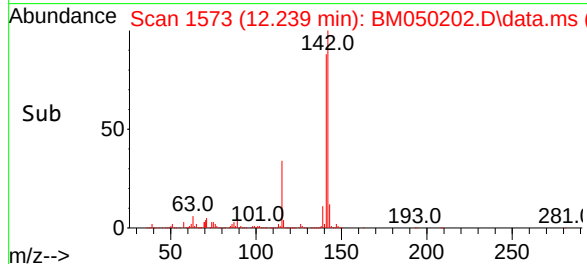
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



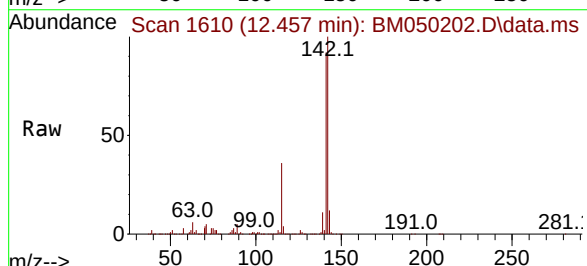
Tgt Ion:142 Resp: 159451
Ion Ratio Lower Upper
142 100
141 87.8 71.5 107.3
115 33.8 27.8 41.8

Manual Integrations
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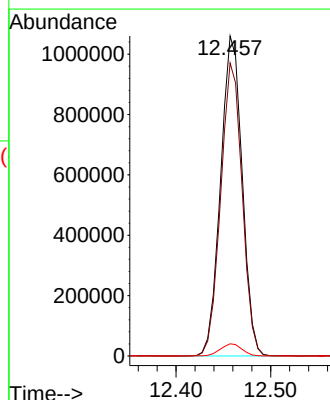
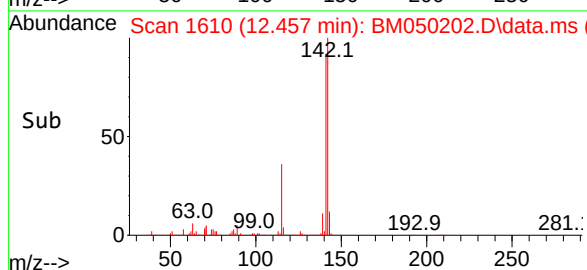
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

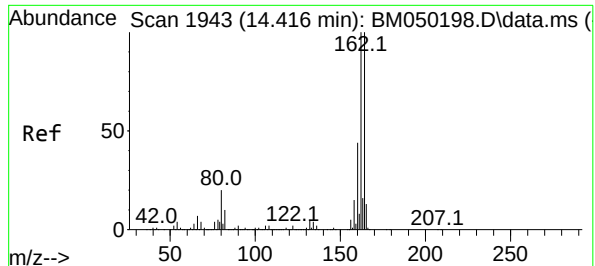


#38
1-Methylnaphthalene
Concen: 37.722 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36



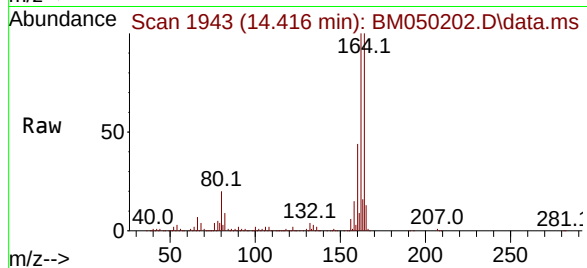
Tgt Ion:142 Resp: 1680613
Ion Ratio Lower Upper
142 100
141 91.5 72.9 109.3
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

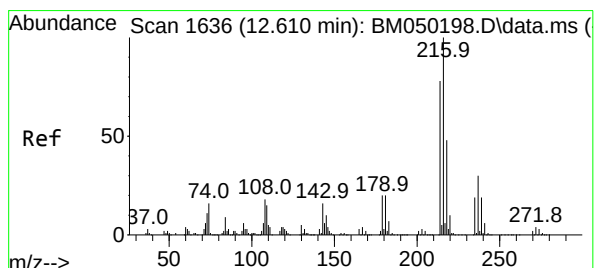
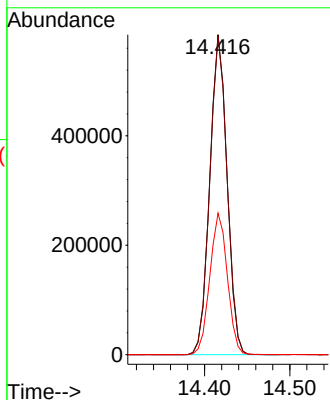
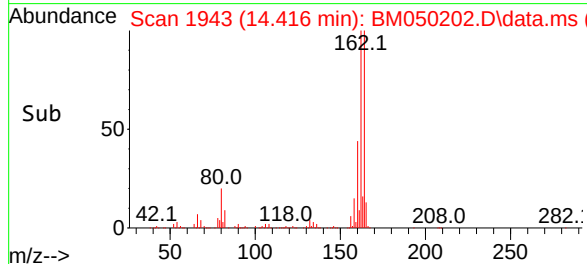
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



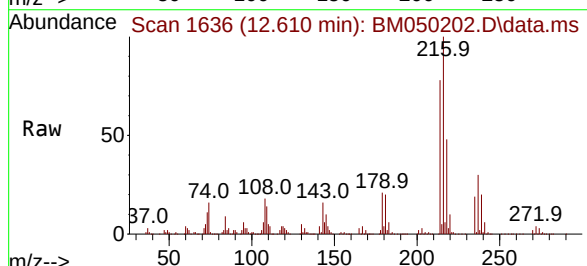
Tgt Ion:164 Resp: 82445
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.4
160 44.2 35.7 53.5

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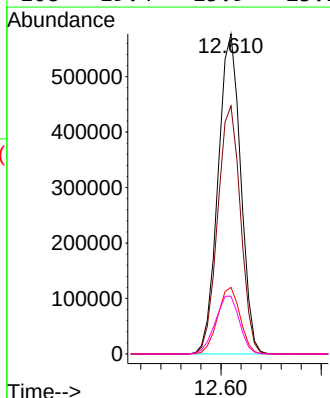
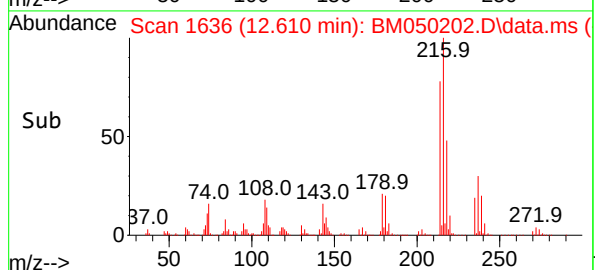
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

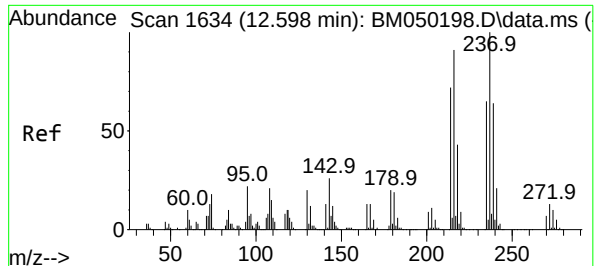


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.845 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36



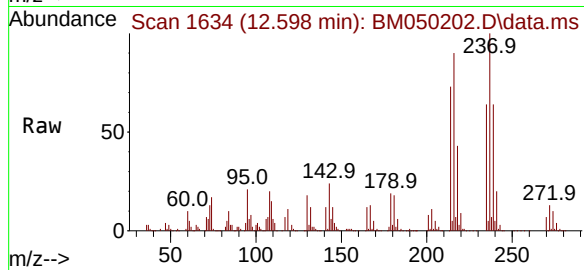
Tgt Ion:216 Resp: 900972
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 20.7 16.6 25.0
108 19.4 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 39.386 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

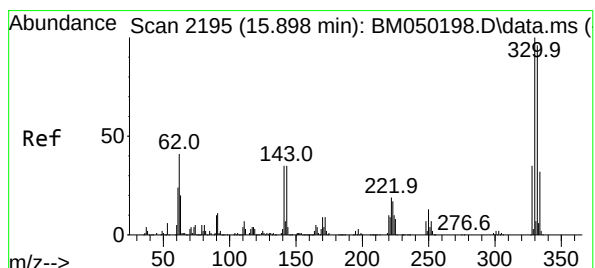
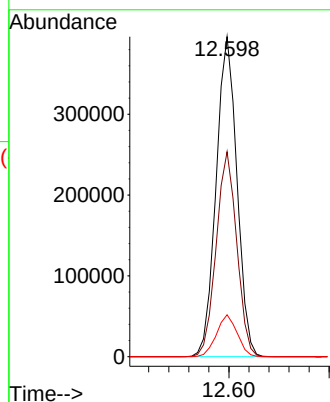
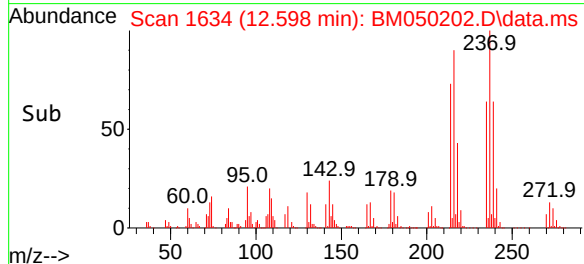
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:237 Resp: 569438
Ion Ratio Lower Upper
237 100
235 64.1 44.6 84.6
272 13.1 0.0 33.1

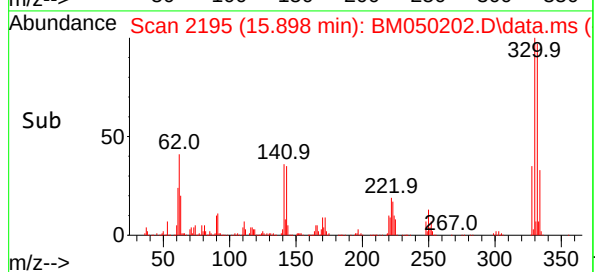
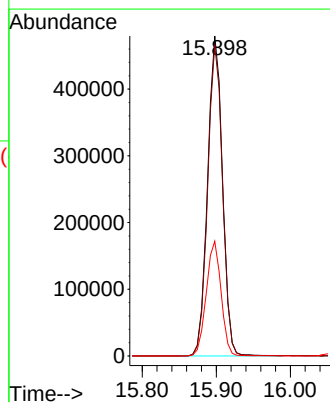
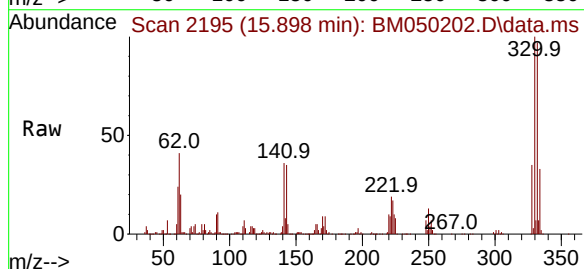
Manual Integrations
APPROVED

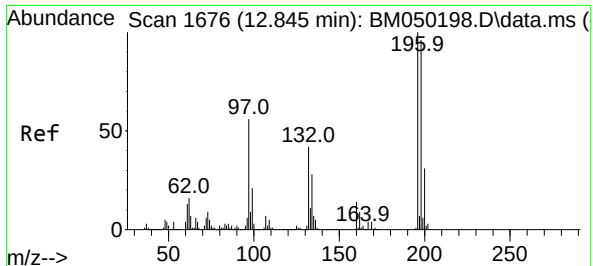
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#42
2,4,6-Tribromophenol
Concen: 71.554 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:330 Resp: 671004
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 35.6 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 38.255 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050202.D

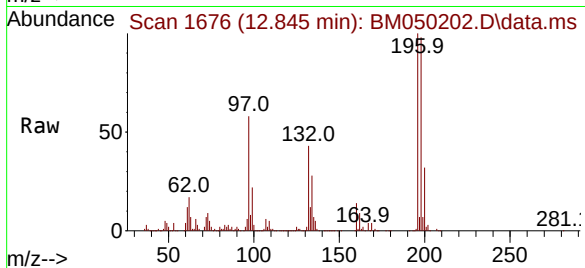
Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525



Tgt Ion:196 Resp: 598909

Ion Ratio Lower Upper

196 100

198 98.3 76.6 115.0

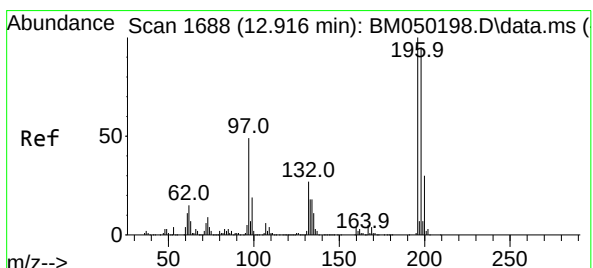
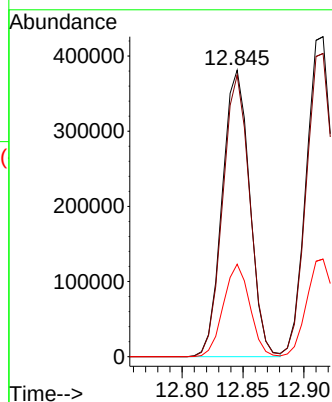
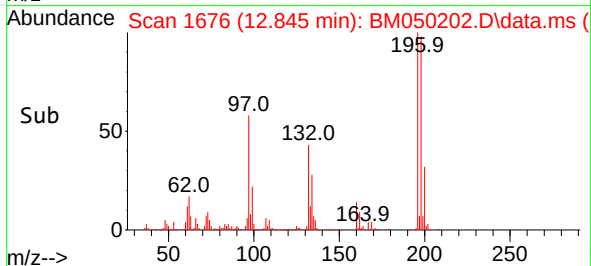
200 32.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#44

2,4,5-Trichlorophenol

Concen: 38.297 ng

RT: 12.916 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

Tgt Ion:196 Resp: 658288

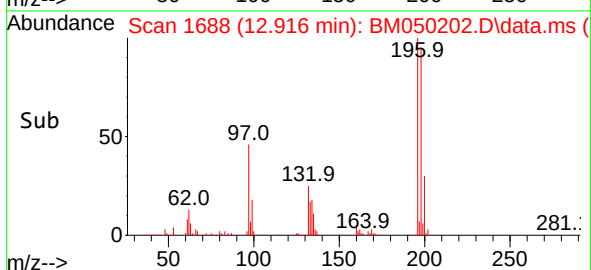
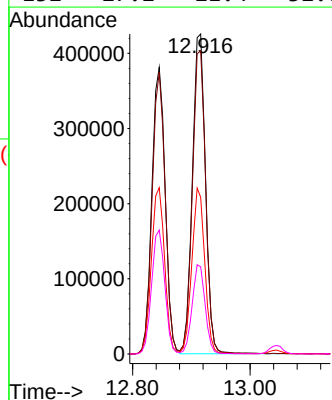
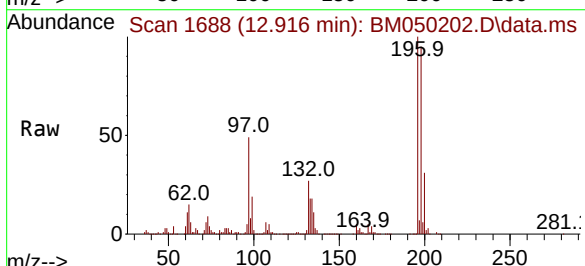
Ion Ratio Lower Upper

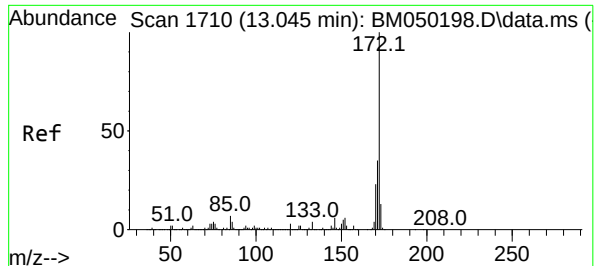
196 100

198 94.7 76.1 114.1

97 49.0 39.3 58.9

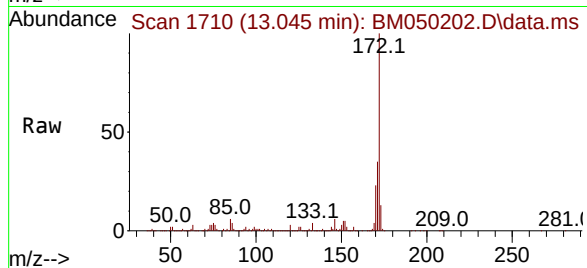
132 27.2 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 63.026 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

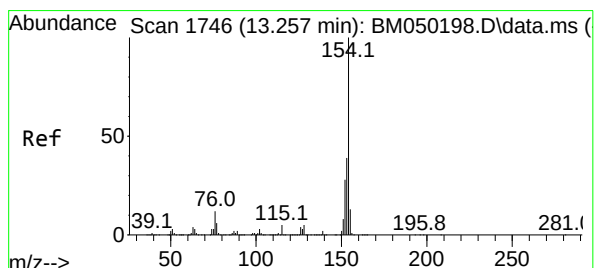
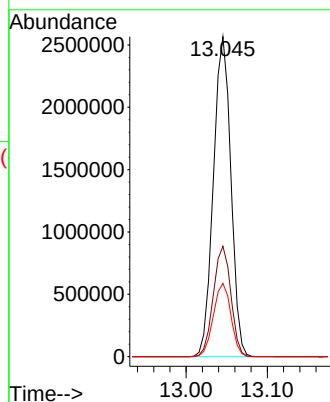
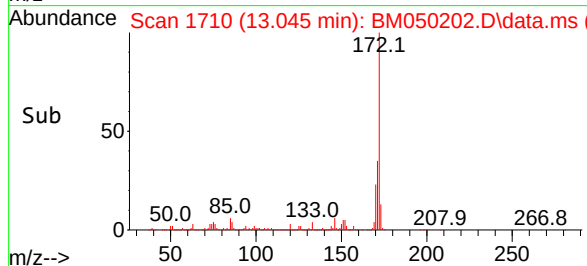
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:172 Resp: 383807
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 22.9 18.6 27.8

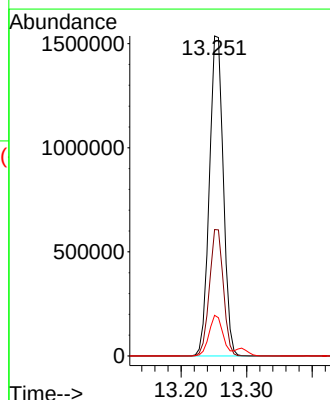
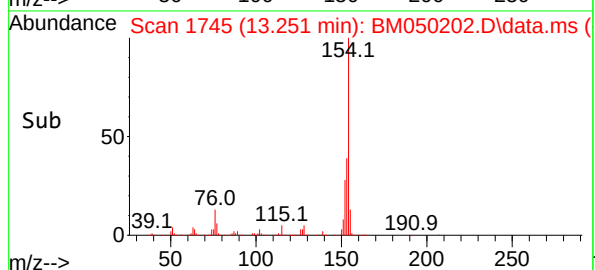
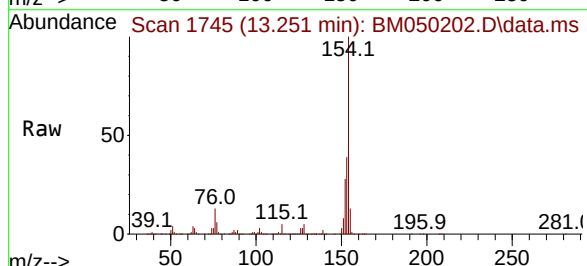
Manual Integrations
APPROVED

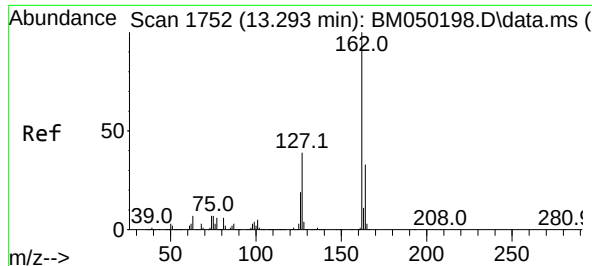
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#46
1,1'-Biphenyl
Concen: 36.765 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:154 Resp: 2269641
Ion Ratio Lower Upper
154 100
153 39.5 19.2 59.2
76 12.7 0.0 32.0





#47

2-Chloronaphthalene

Concen: 36.269 ng

RT: 13.292 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050202.D

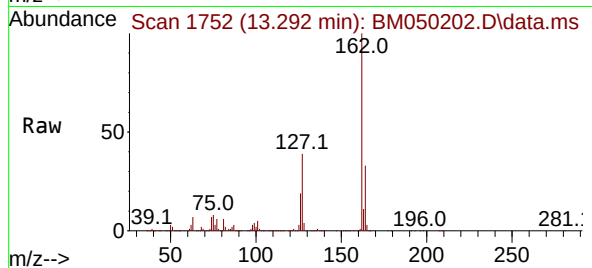
Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525



Tgt Ion:162 Resp: 1740708

Ion Ratio Lower Upper

162 100

127 38.5 31.1 46.7

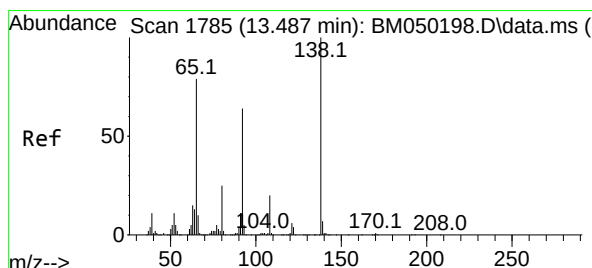
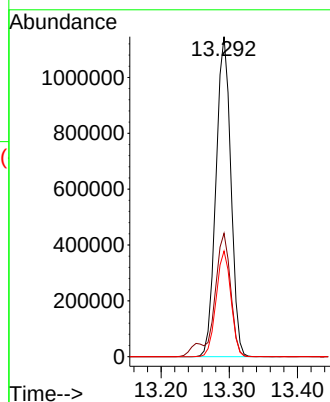
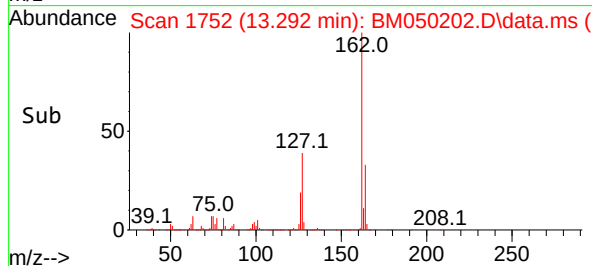
164 33.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#48

2-Nitroaniline

Concen: 40.253 ng

RT: 13.486 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BM050202.D

Acq: 05 Jun 2025 14:36

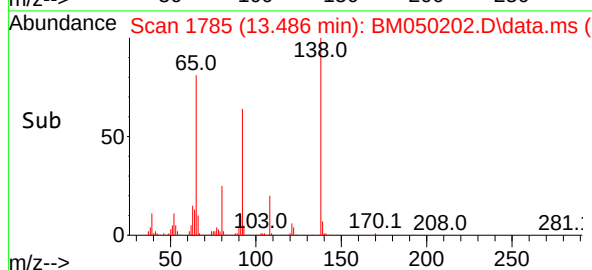
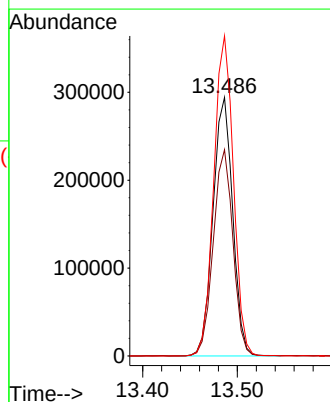
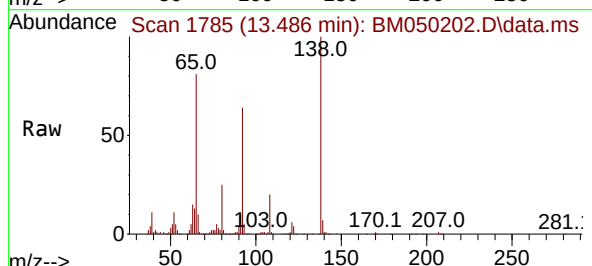
Tgt Ion: 65 Resp: 425146

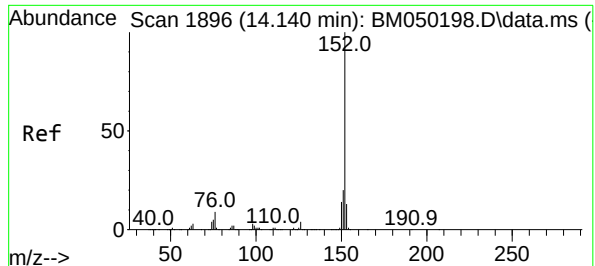
Ion Ratio Lower Upper

65 100

92 79.8 64.2 96.4

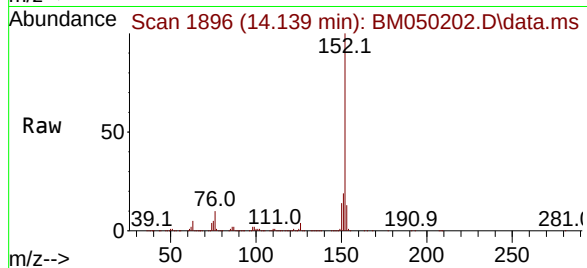
138 123.8 101.0 151.4





#49
Acenaphthylene
Concen: 36.877 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

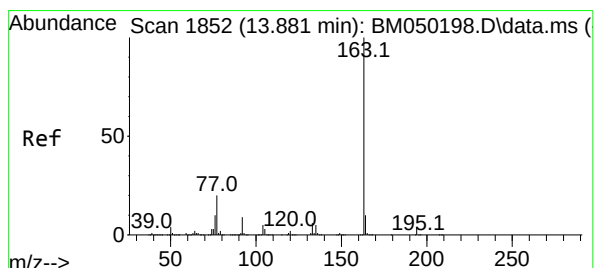
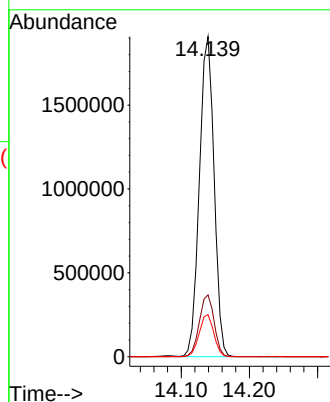
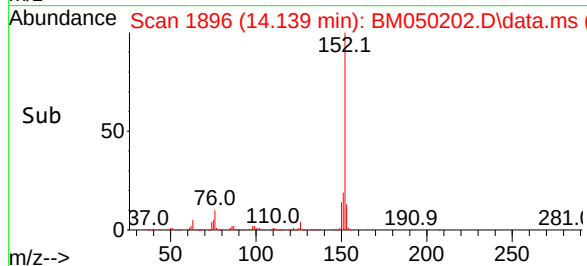
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:152 Resp: 286268
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.1 10.4 15.6

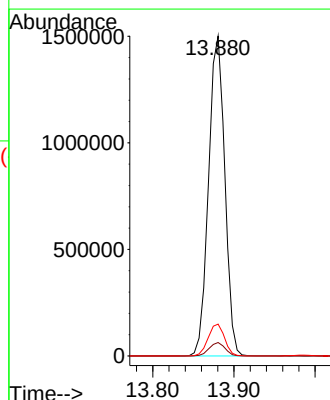
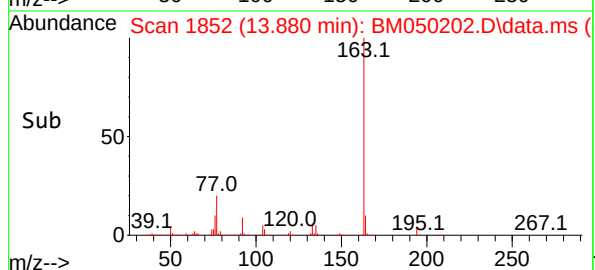
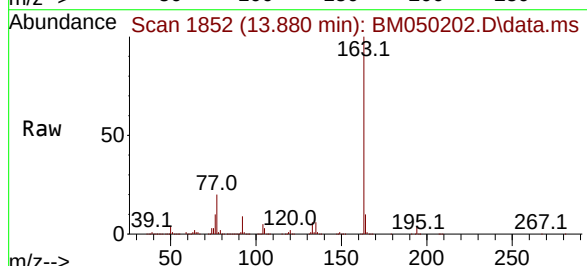
Manual Integrations
APPROVED

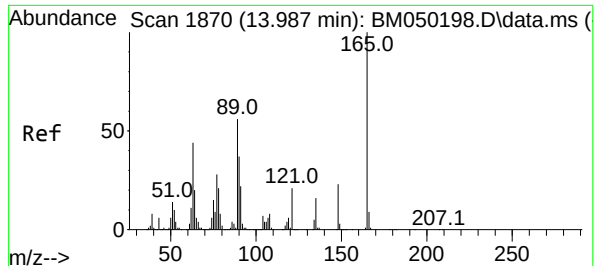
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#50
Dimethylphthalate
Concen: 37.379 ng
RT: 13.880 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

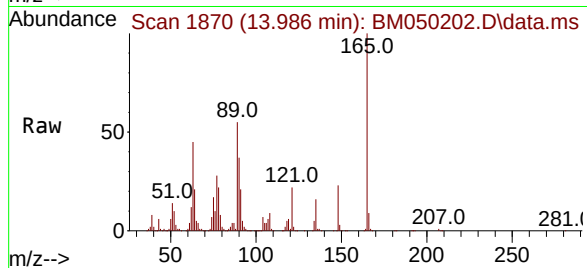
Tgt Ion:163 Resp: 2084186
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 39.718 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

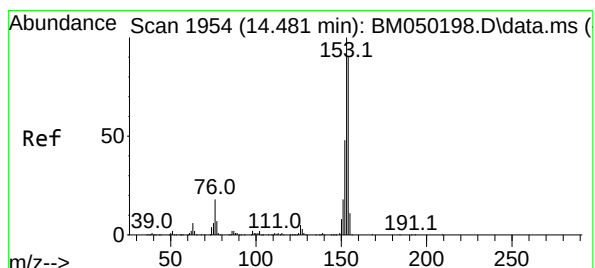
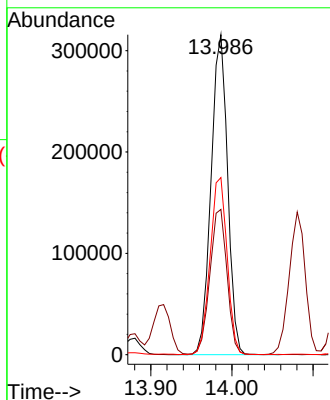
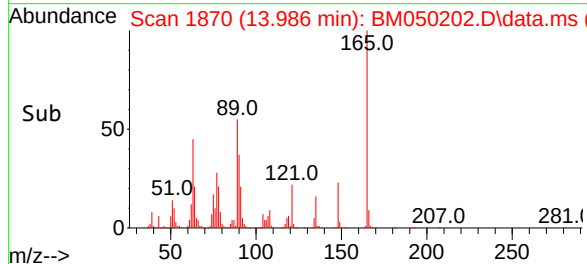
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:165 Resp: 446609
Ion Ratio Lower Upper
165 100
63 45.4 35.8 53.6
89 55.3 44.8 67.2

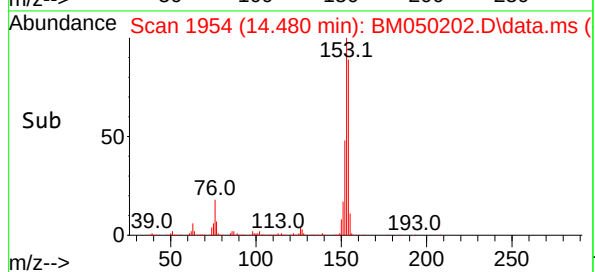
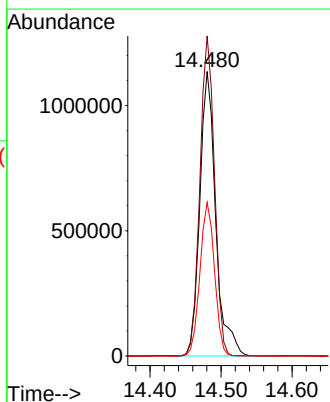
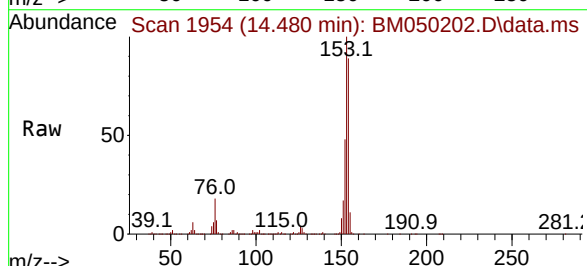
Manual Integrations
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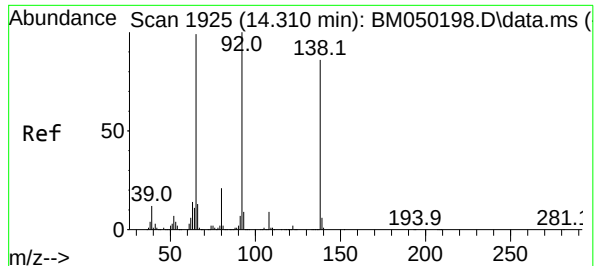
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#52
Acenaphthene
Concen: 36.444 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

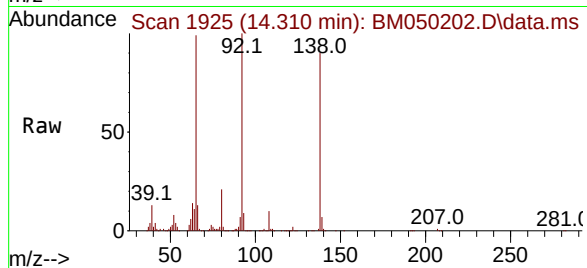
Tgt Ion:154 Resp: 1769507
Ion Ratio Lower Upper
154 100
153 112.5 88.7 133.1
152 54.0 42.6 63.8





#53
3-Nitroaniline
Concen: 39.347 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

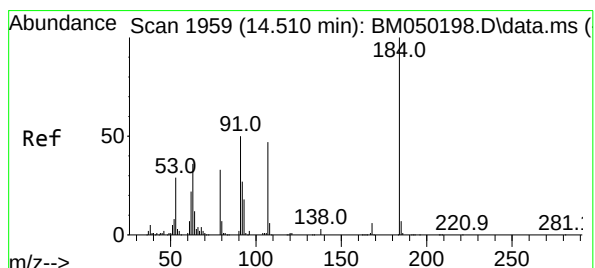
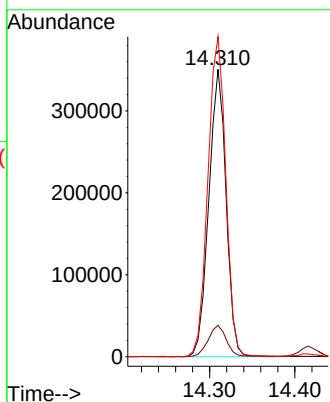
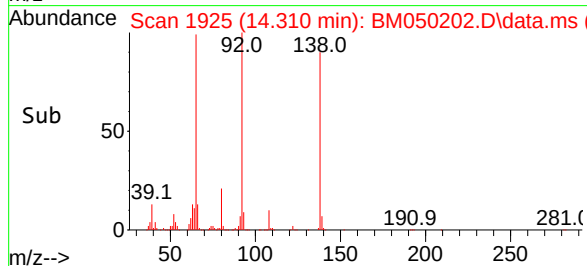
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



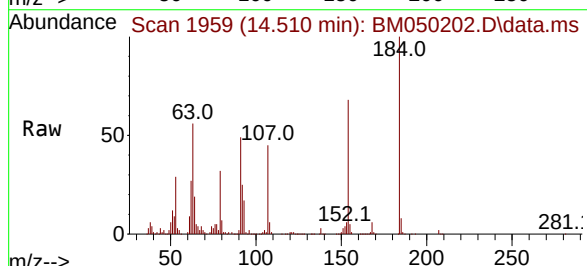
Tgt Ion:138 Resp: 493099
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 111.4 92.9 139.3

Manual Integrations
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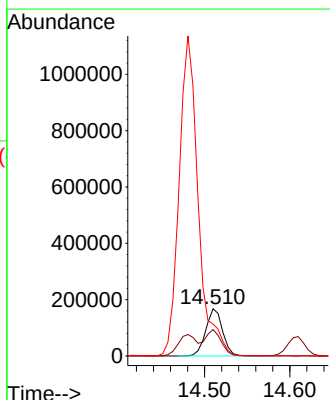
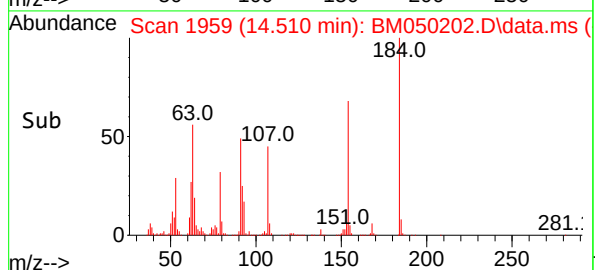
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

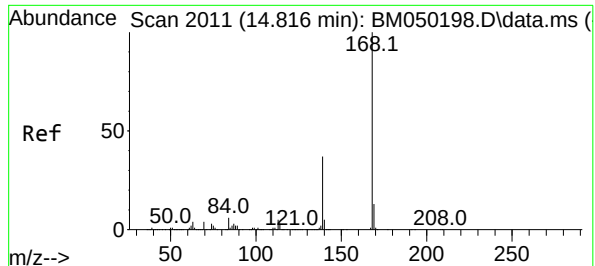


#54
2,4-Dinitrophenol
Concen: 34.596 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36



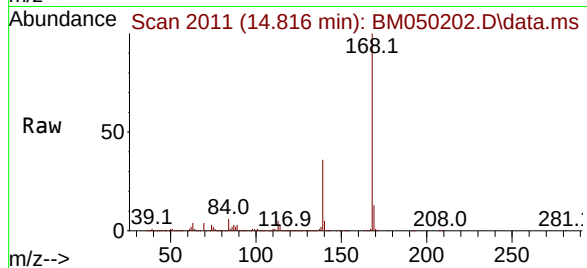
Tgt Ion:184 Resp: 228596
Ion Ratio Lower Upper
184 100
63 56.0 45.3 67.9
154 67.7 54.3 81.5





#55
Dibenzenofuran
Concen: 36.397 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

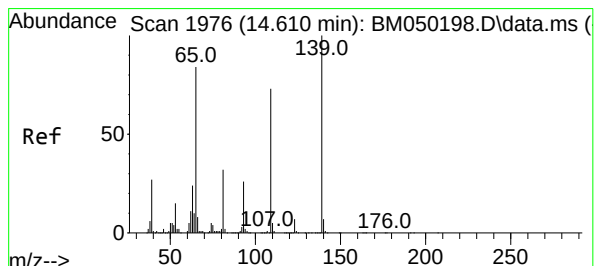
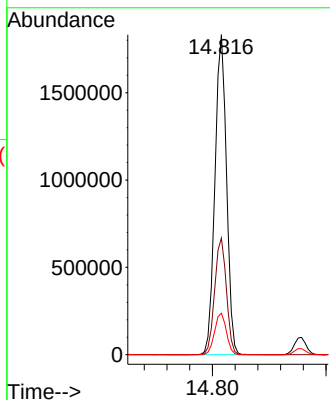
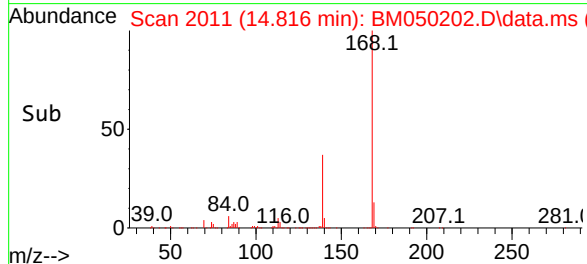
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:168 Resp: 2585454
Ion Ratio Lower Upper
168 100
139 36.4 29.9 44.9
169 12.9 10.6 16.0

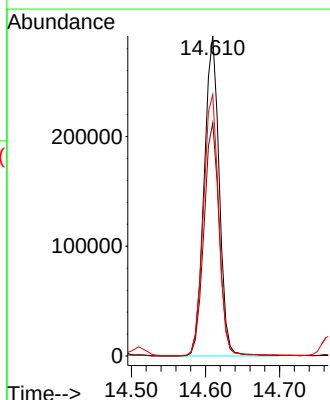
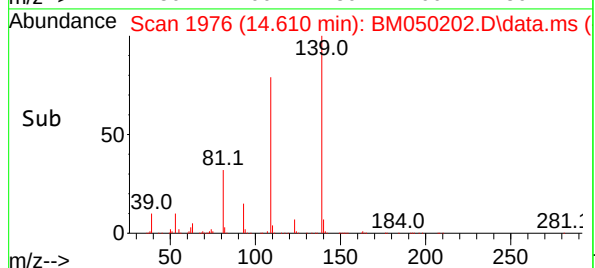
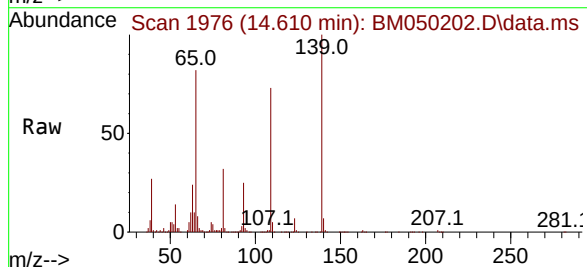
Manual Integrations
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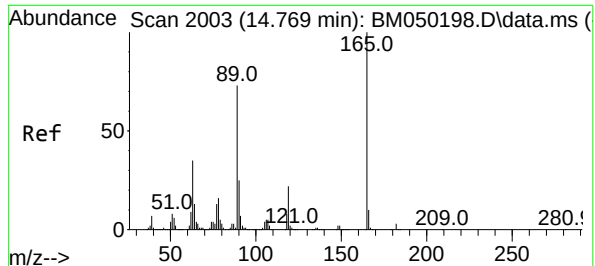
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#56
4-Nitrophenol
Concen: 38.588 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

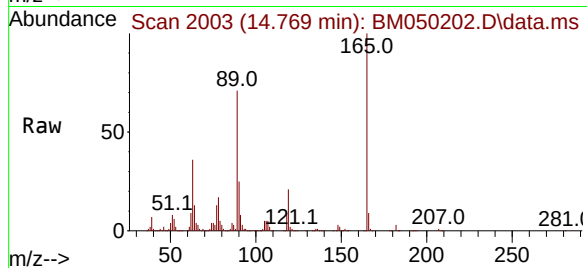
Tgt Ion:139 Resp: 411593
Ion Ratio Lower Upper
139 100
109 72.8 52.6 92.6
65 81.6 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 39.946 ng
RT: 14.769 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

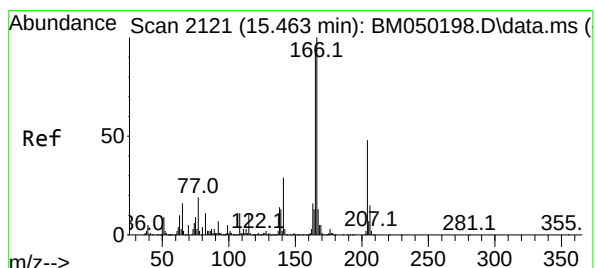
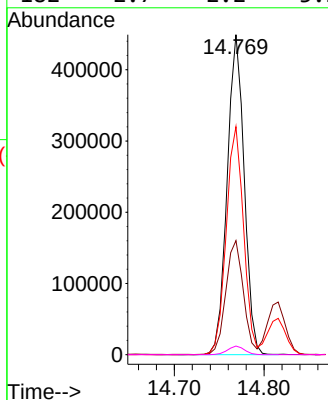
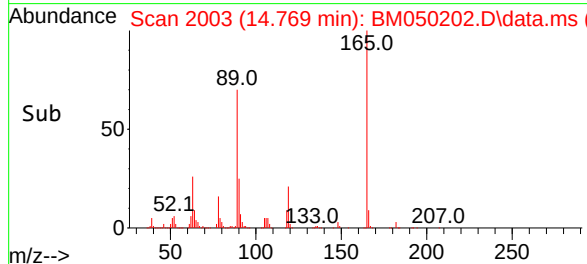
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:165 Resp: 59252
Ion Ratio Lower Upper
165 100
63 35.6 28.4 42.6
89 71.3 58.0 87.0
182 2.7 2.2 3.2

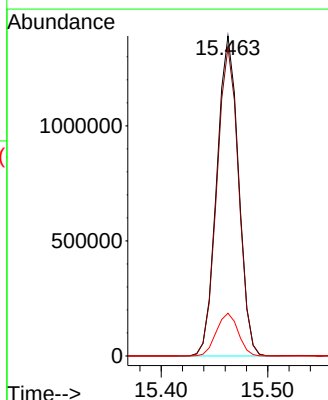
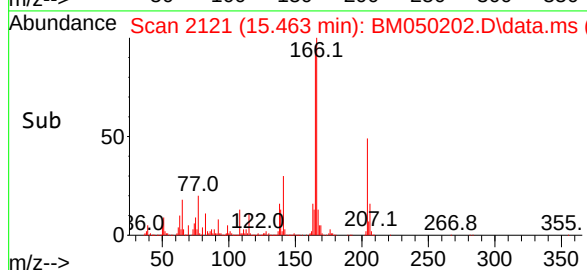
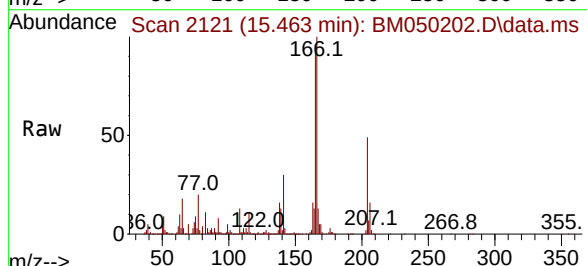
Manual Integrations
APPROVED

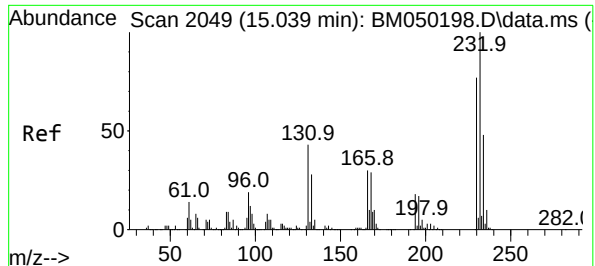
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#58
Fluorene
Concen: 36.130 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

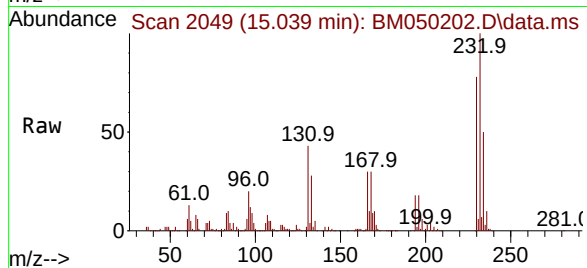
Tgt Ion:166 Resp: 1965747
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.4
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.508 ng
RT: 15.039 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

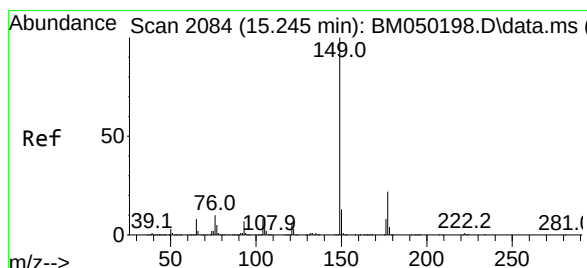
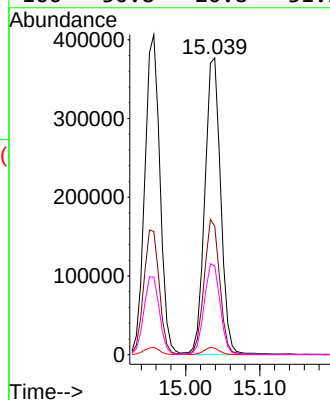
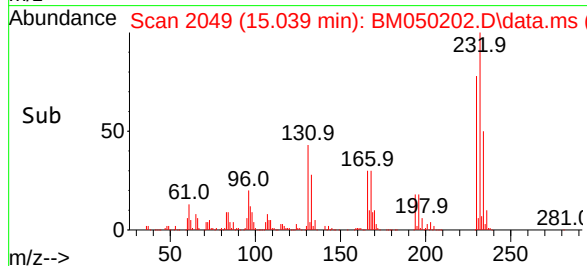
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



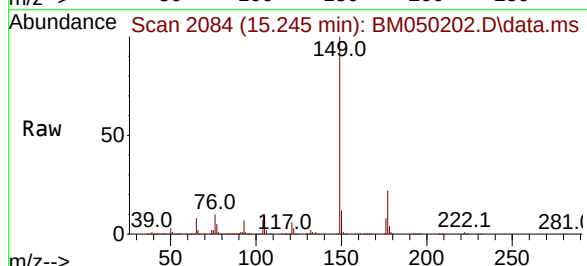
Tgt Ion:232 Resp: 557824
Ion Ratio Lower Upper
232 100
131 44.8 32.9 49.3
130 2.4 1.8 2.8
166 30.8 20.8 31.2

Manual Integrations
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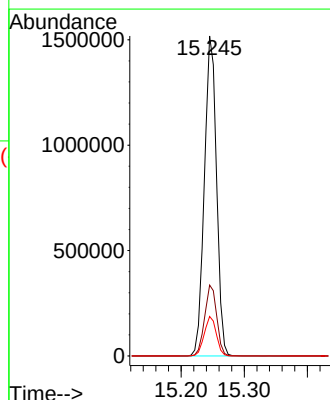
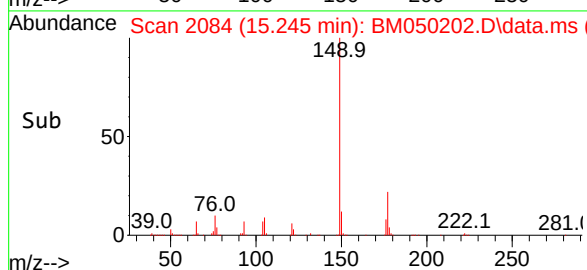
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

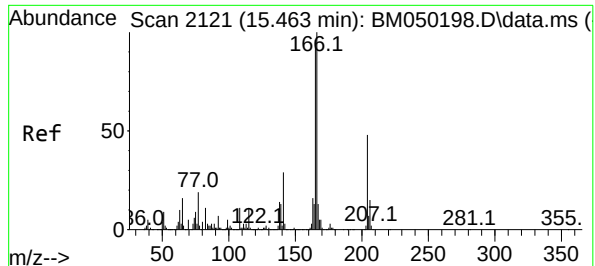


#60
Diethylphthalate
Concen: 36.717 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36



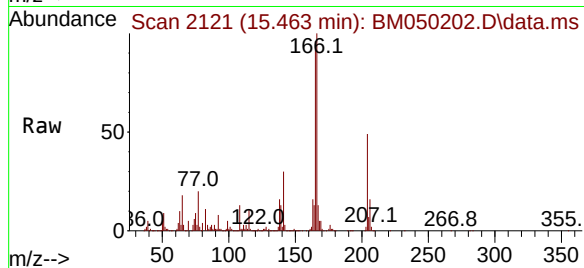
Tgt Ion:149 Resp: 2031289
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.132 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

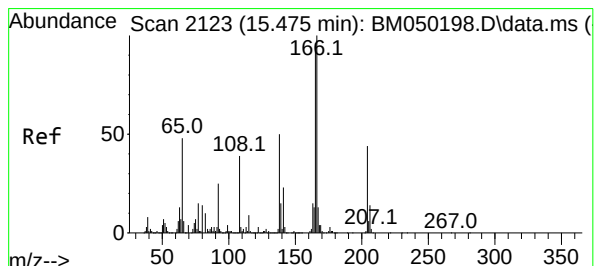
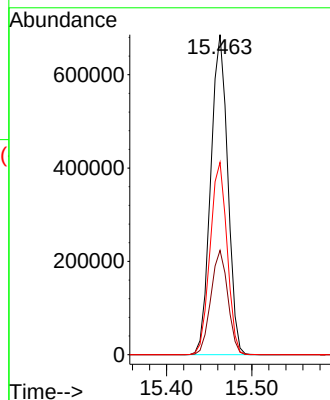
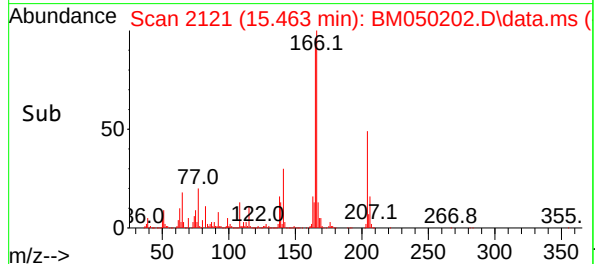
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:204 Resp: 950092
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 60.1 47.9 71.9

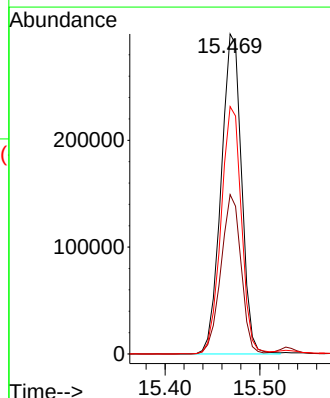
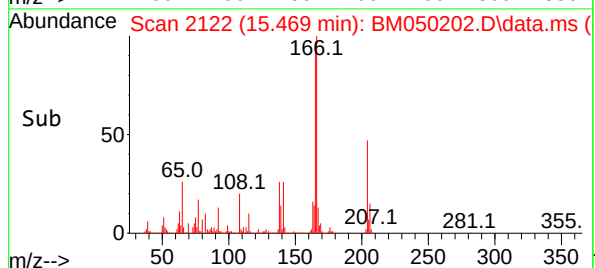
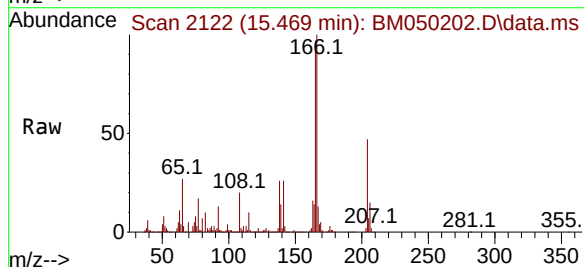
Manual Integrations
APPROVED

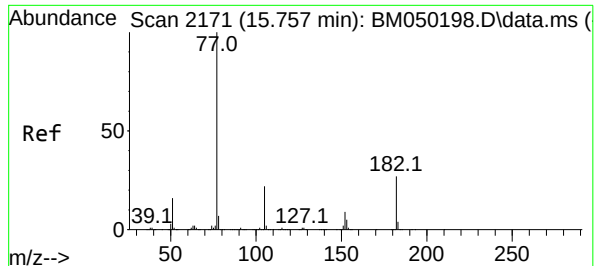
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#62
4-Nitroaniline
Concen: 38.283 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

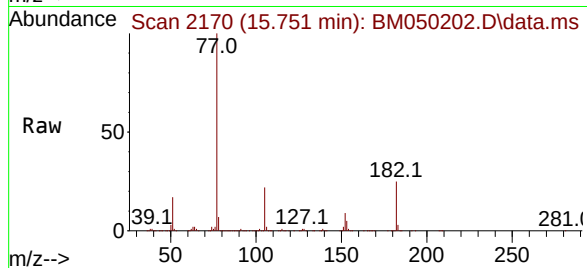
Tgt Ion:138 Resp: 449658
Ion Ratio Lower Upper
138 100
92 49.8 28.8 68.8
108 77.3 58.1 98.1





#63
Azobenzene
Concen: 36.142 ng
RT: 15.751 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

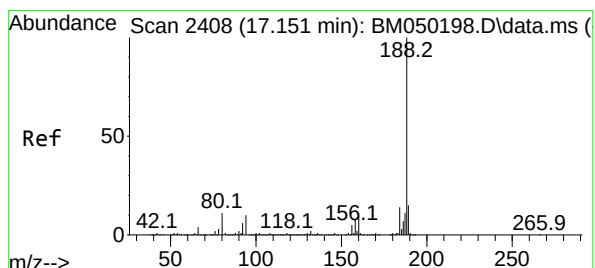
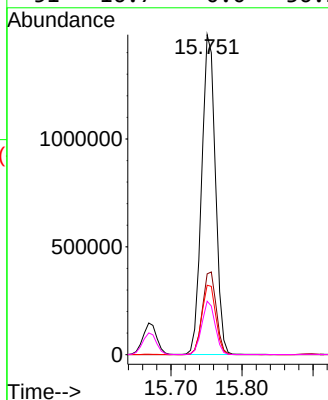
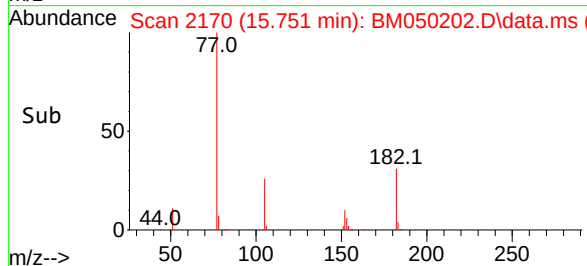
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion: 77 Resp: 199848
Ion Ratio Lower Upper
77 100
182 25.2 6.8 46.8
105 21.7 1.7 41.7
51 16.7 0.0 36.2

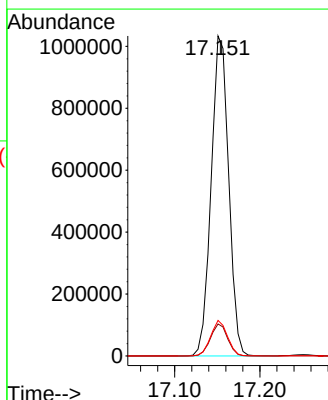
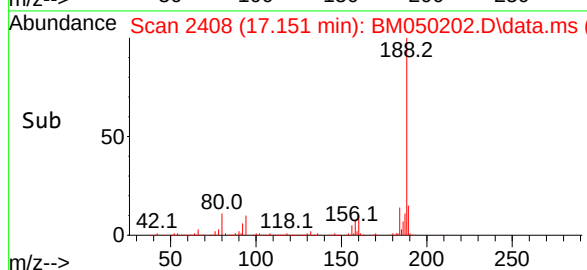
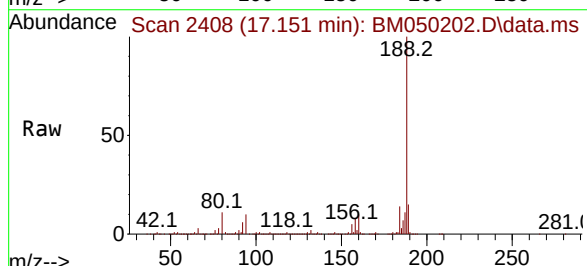
Manual Integrations
APPROVED

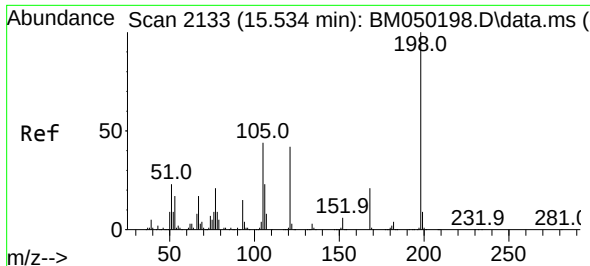
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

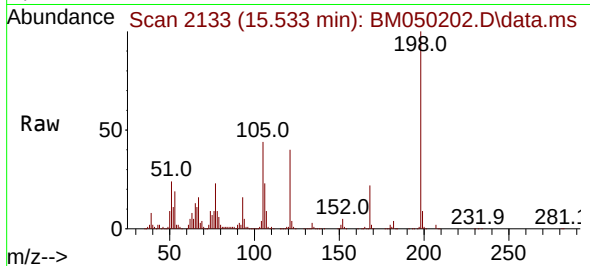
Tgt Ion:188 Resp: 1474581
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.1 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 38.808 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

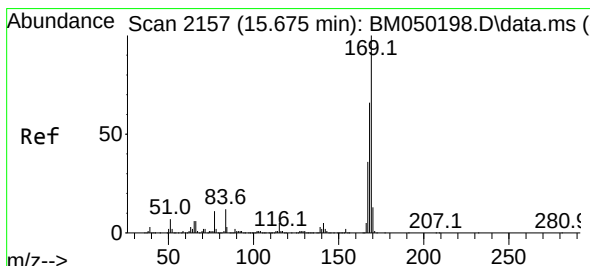
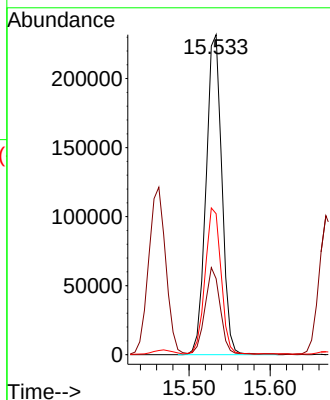
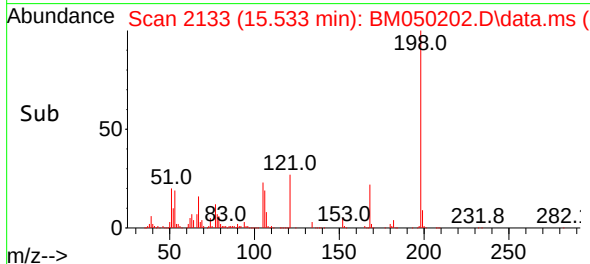
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:198 Resp: 31255
Ion Ratio Lower Upper
198 100
51 23.8 4.5 44.5
105 44.1 24.9 64.9

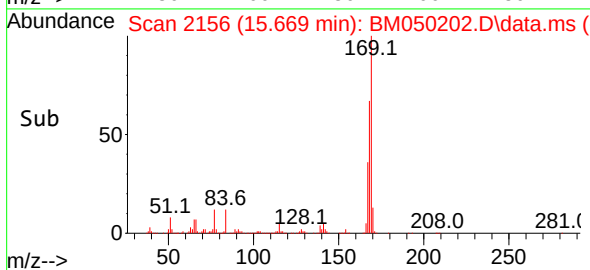
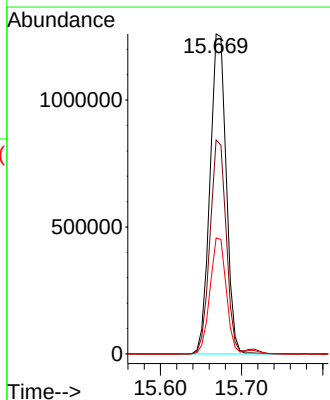
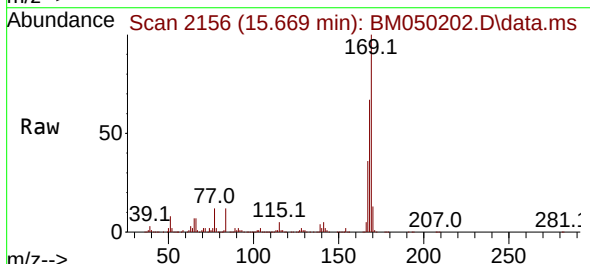
Manual Integrations
APPROVED

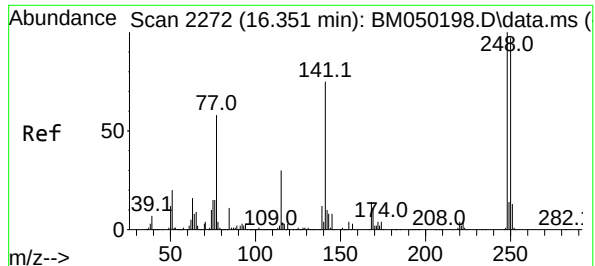
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#66
n-Nitrosodiphenylamine
Concen: 37.727 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

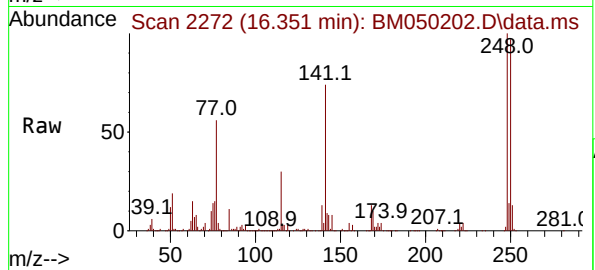
Tgt Ion:169 Resp: 1747981
Ion Ratio Lower Upper
169 100
168 66.9 53.1 79.7
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.453 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

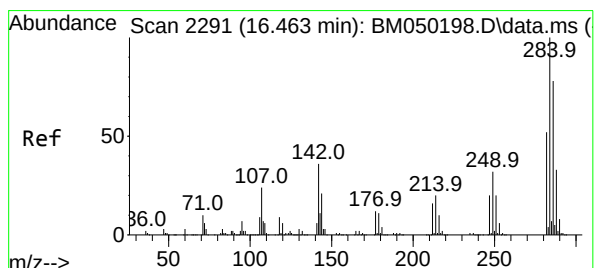
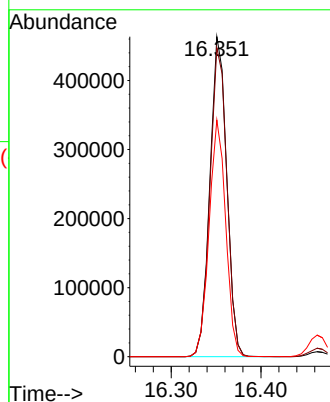
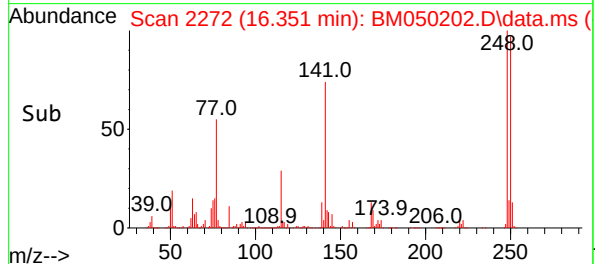
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:248 Resp: 604660
Ion Ratio Lower Upper
248 100
250 96.6 78.0 117.0
141 73.9 60.1 90.1

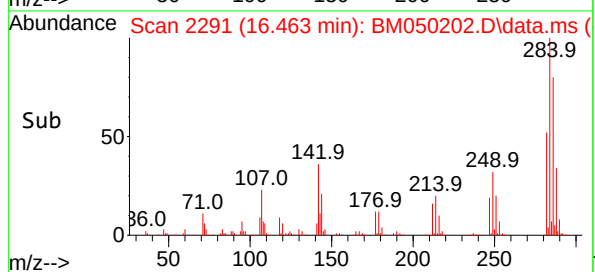
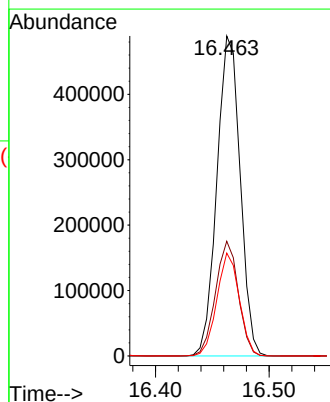
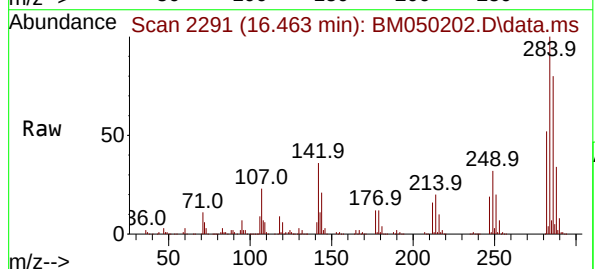
Manual Integrations
APPROVED

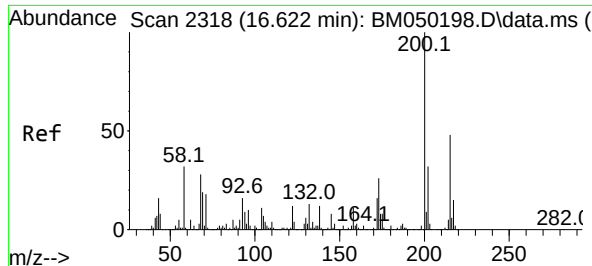
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#68
Hexachlorobenzene
Concen: 37.911 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

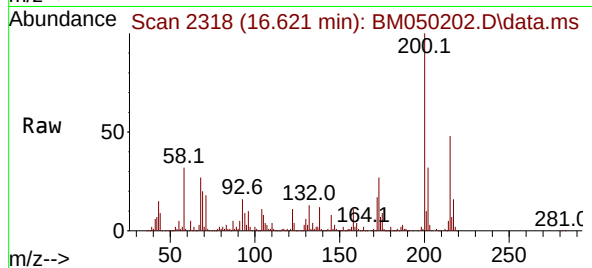
Tgt Ion:284 Resp: 696502
Ion Ratio Lower Upper
284 100
142 35.8 28.8 43.2
249 32.1 25.8 38.6





#69
Atrazine
Concen: 39.186 ng
RT: 16.621 min Scan# 2318
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

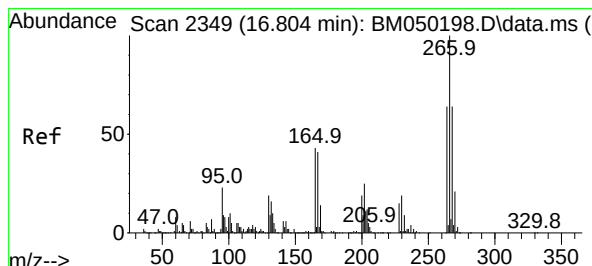
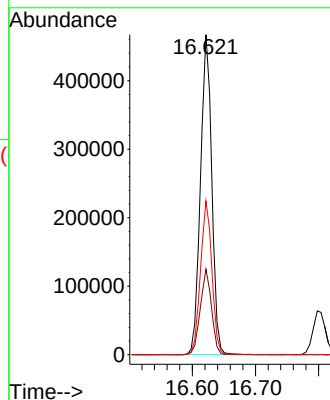
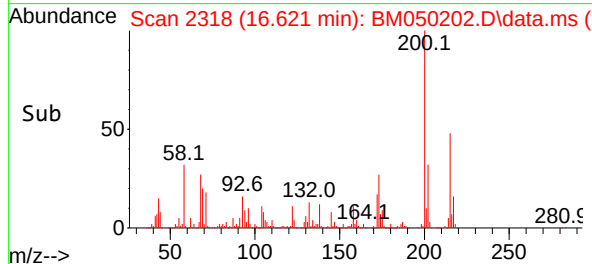
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:200 Resp: 57849
Ion Ratio Lower Upper
200 100
173 26.7 6.0 46.0
215 48.0 28.1 68.1

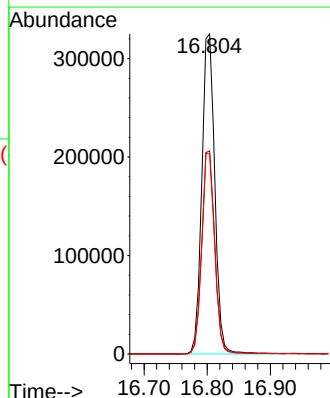
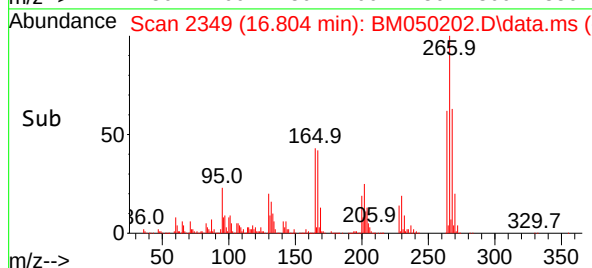
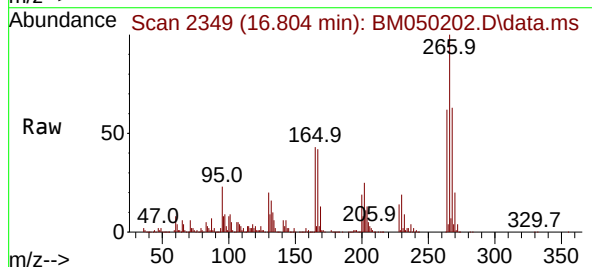
Manual Integrations
APPROVED

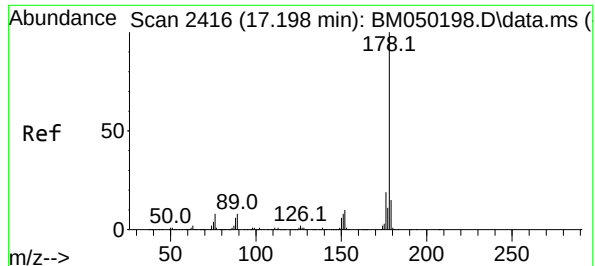
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#70
Pentachlorophenol
Concen: 38.925 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

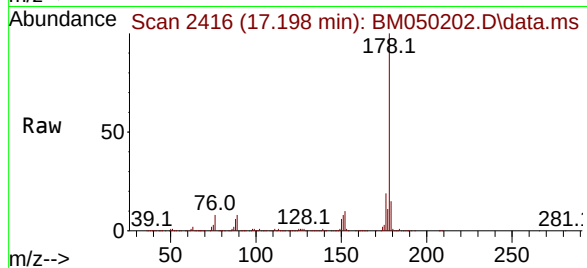
Tgt Ion:266 Resp: 464946
Ion Ratio Lower Upper
266 100
268 63.5 51.0 76.6
264 62.5 50.8 76.2





#71
Phenanthrene
Concen: 36.170 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

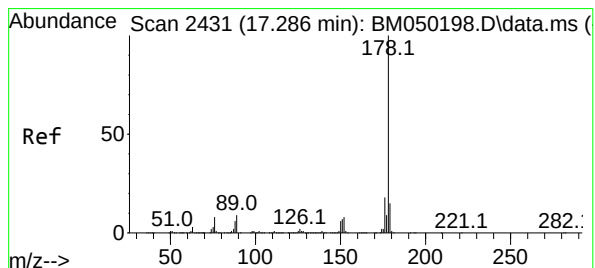
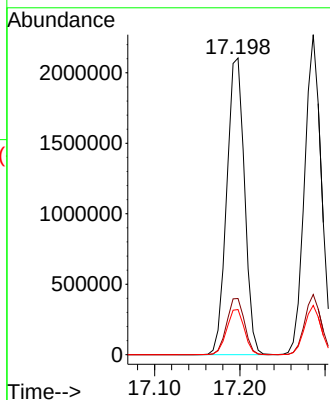
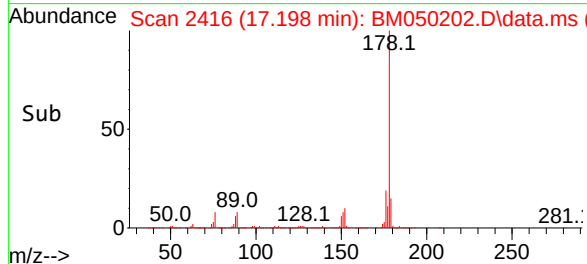
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:178 Resp: 304686
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.2 12.3 18.5

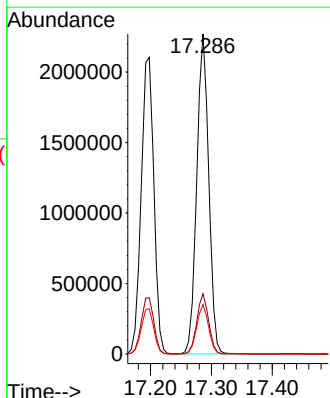
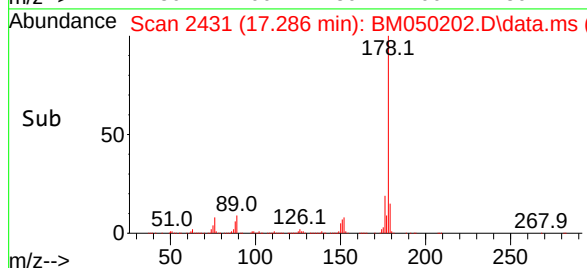
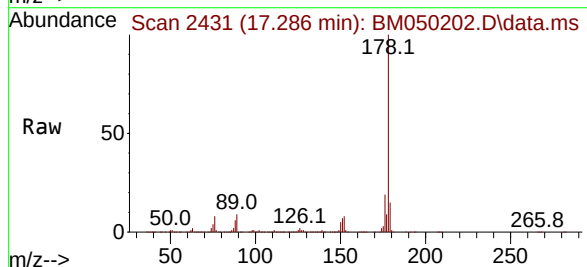
Manual Integrations
APPROVED

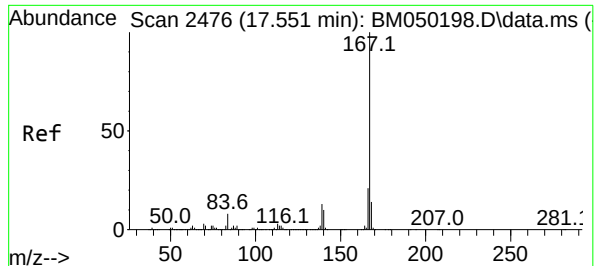
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#72
Anthracene
Concen: 36.806 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

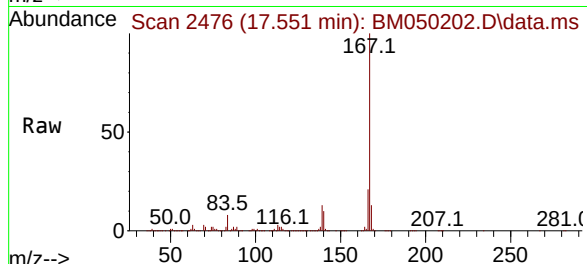
Tgt Ion:178 Resp: 3101683
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.4 12.3 18.5





#73
Carbazole
Concen: 36.195 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

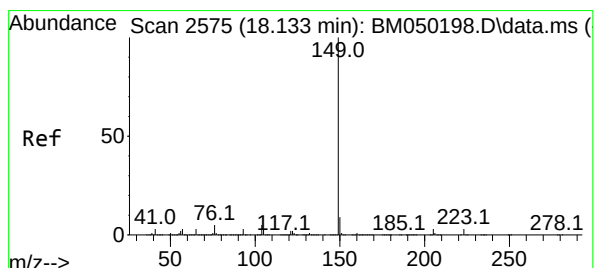
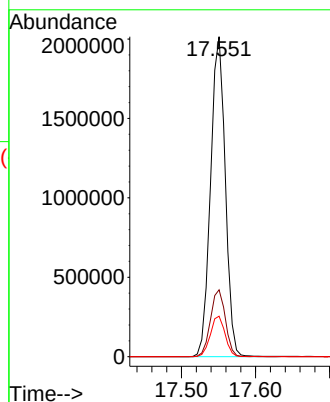
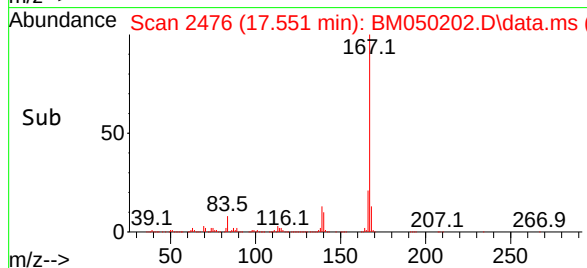
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:167 Resp: 2778780
Ion Ratio Lower Upper
167 100
166 20.9 17.0 25.6
139 12.6 10.2 15.4

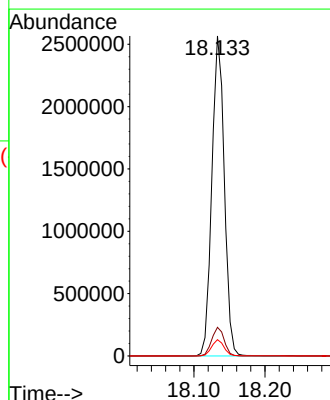
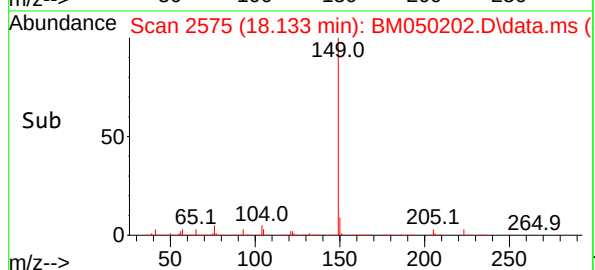
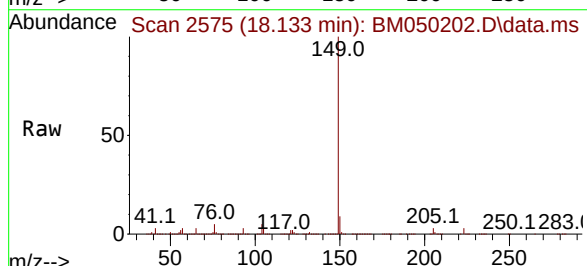
Manual Integrations
APPROVED

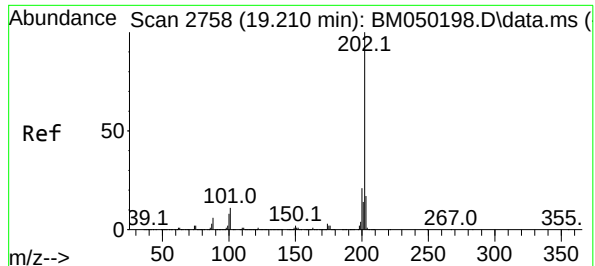
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#74
Di-n-butylphthalate
Concen: 37.377 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

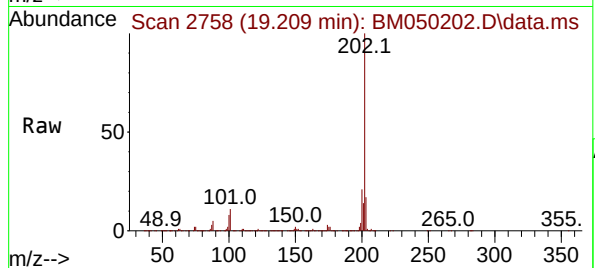
Tgt Ion:149 Resp: 3122305
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 35.092 ng
RT: 19.209 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

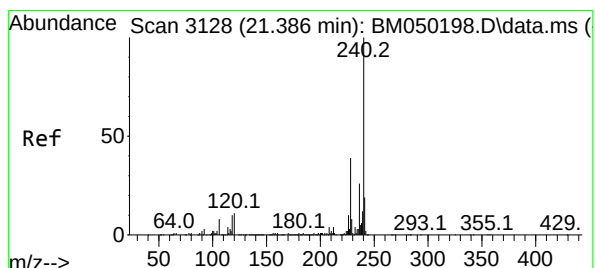
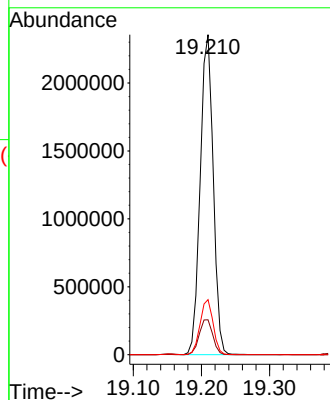
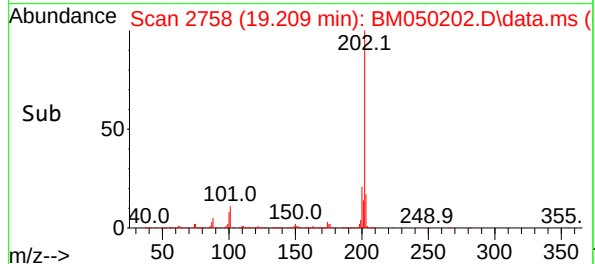
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:202 Resp: 311738
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.1
203 17.2 0.0 37.0

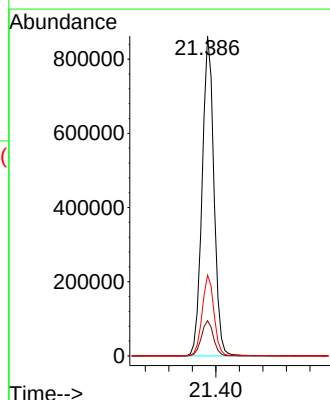
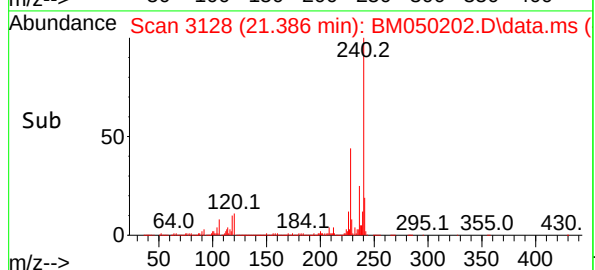
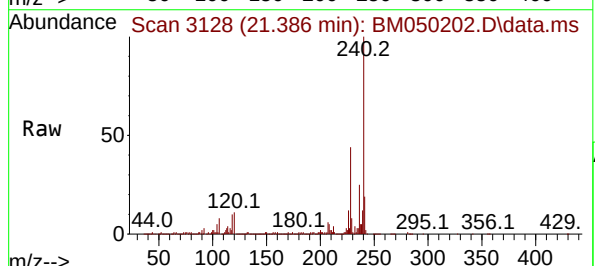
Manual Integrations
APPROVED

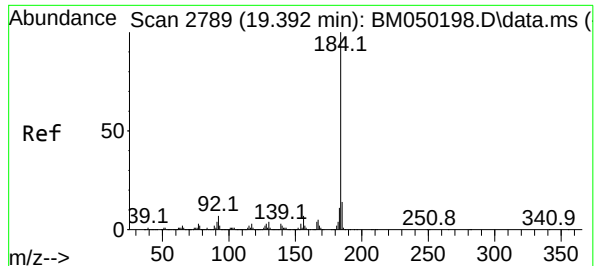
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

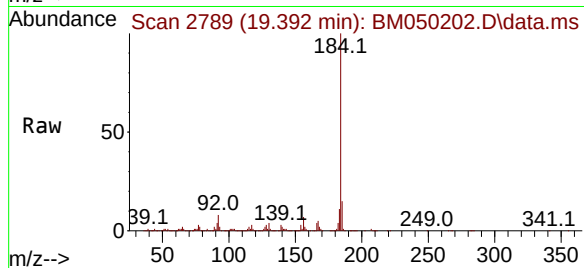
Tgt Ion:240 Resp: 1199833
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.2 20.7 31.1





#77
Benzidine
Concen: 48.798 ng
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

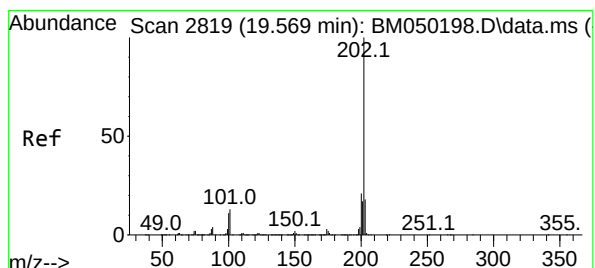
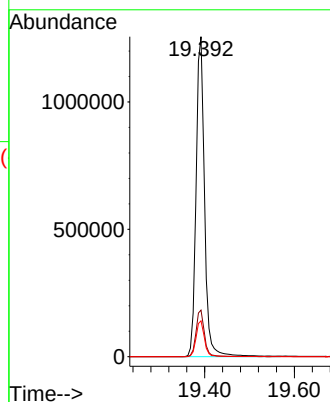
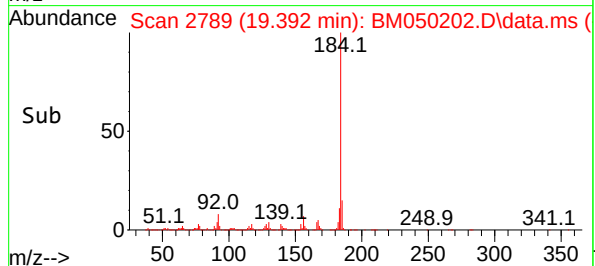
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:184 Resp: 1646454
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.2 9.0 13.4

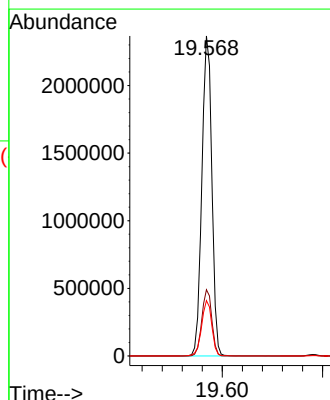
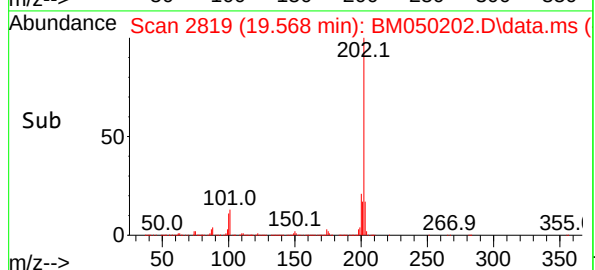
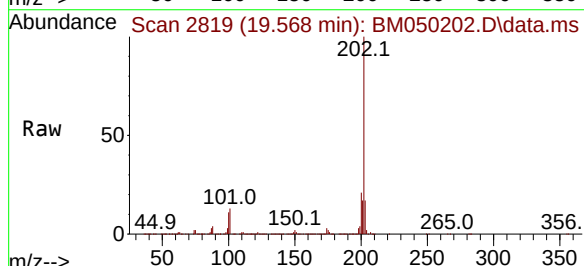
Manual Integrations
APPROVED

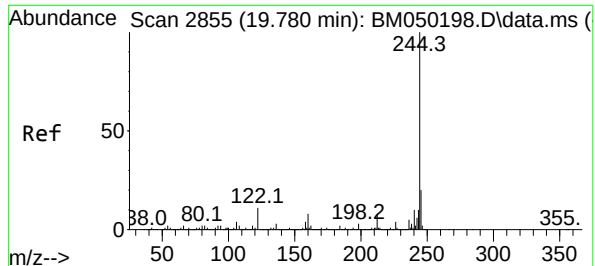
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#78
Pyrene
Concen: 40.348 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

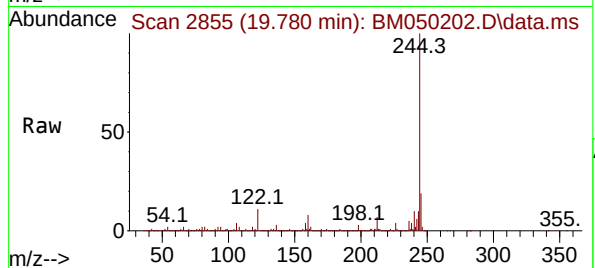
Tgt Ion:202 Resp: 3262895
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.3 14.1 21.1





#79
Terphenyl-d14
Concen: 68.934 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

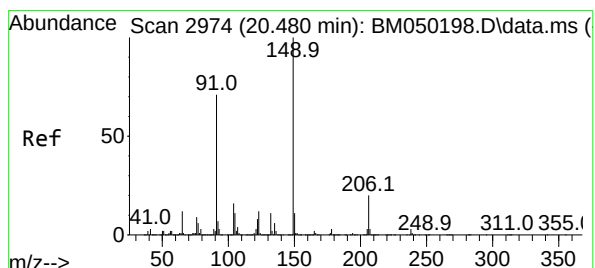
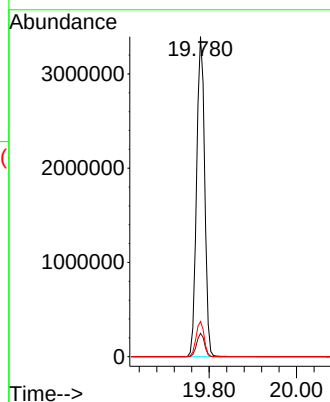
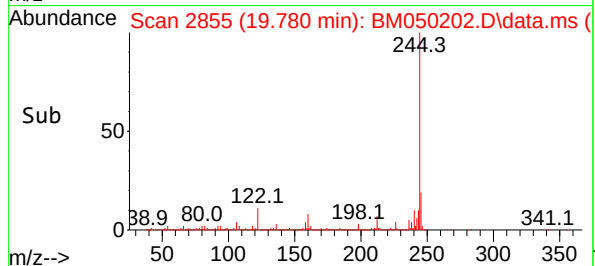
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:244 Resp: 4364574
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.0 8.6 12.8

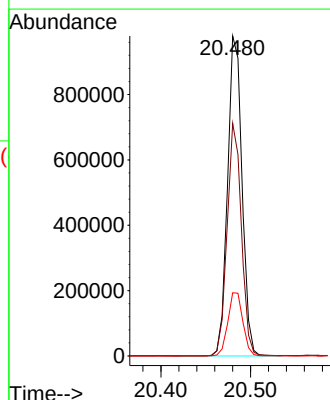
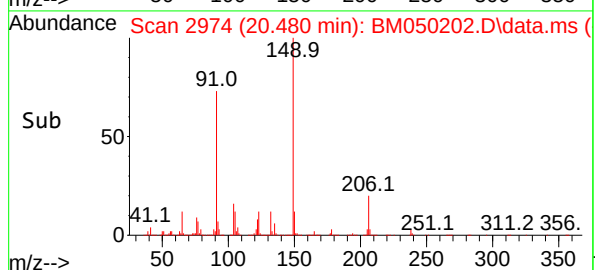
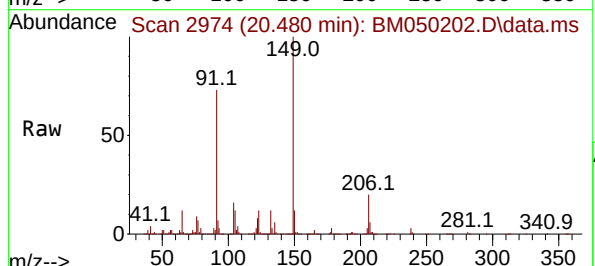
Manual Integrations
APPROVED

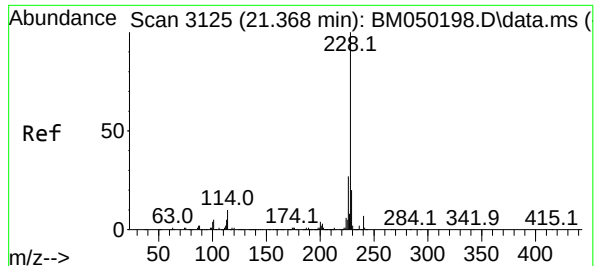
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#80
Butylbenzylphthalate
Concen: 40.599 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

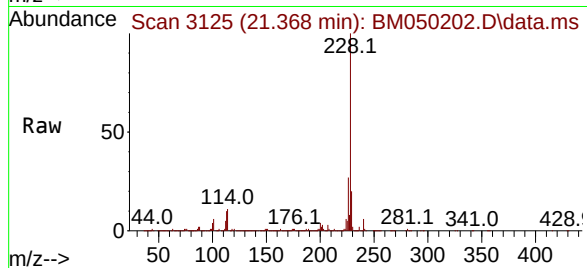
Tgt Ion:149 Resp: 1095153
Ion Ratio Lower Upper
149 100
91 72.7 56.9 85.3
206 19.8 16.1 24.1





#81
Benzo(a)anthracene
Concen: 37.193 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

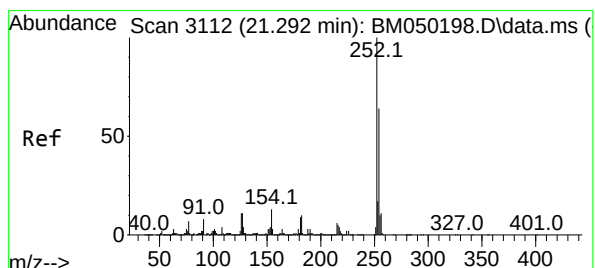
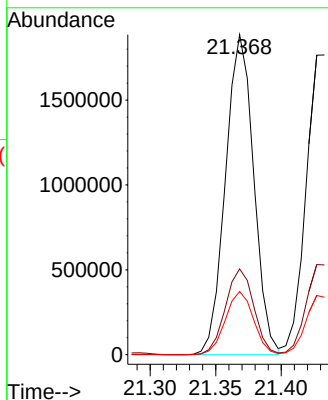
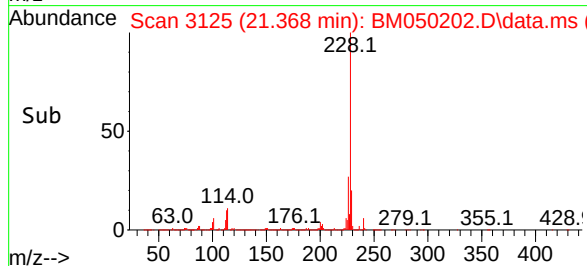
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:228 Resp: 282462
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.8 15.7 23.5

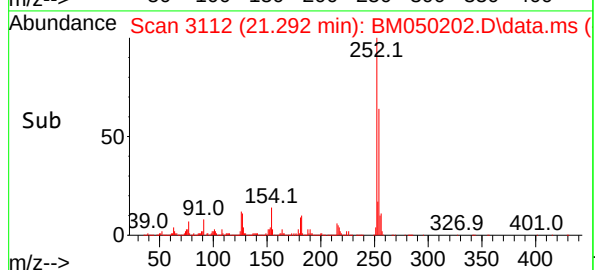
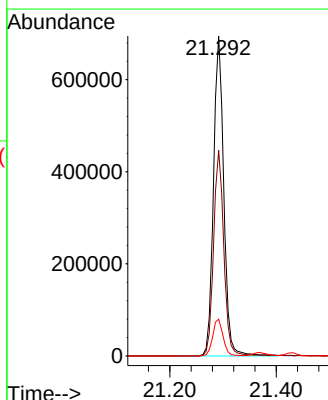
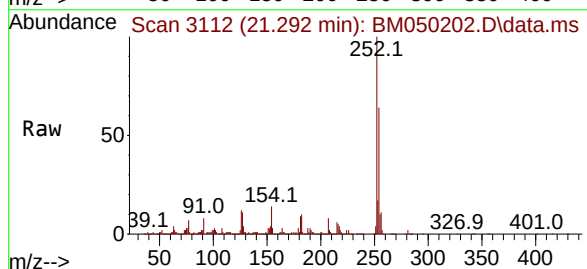
Manual Integrations
APPROVED

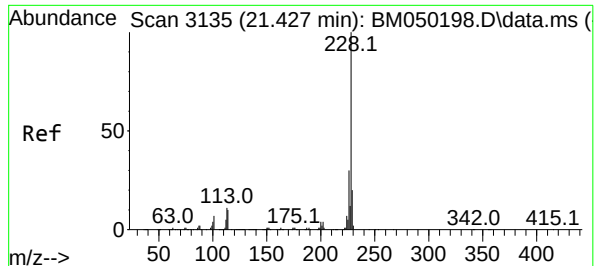
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.289 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

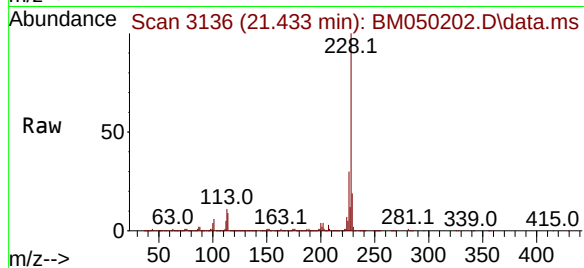
Tgt Ion:252 Resp: 933068
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.0
126 11.5 8.6 12.8





#83
Chrysene
Concen: 36.579 ng
RT: 21.433 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

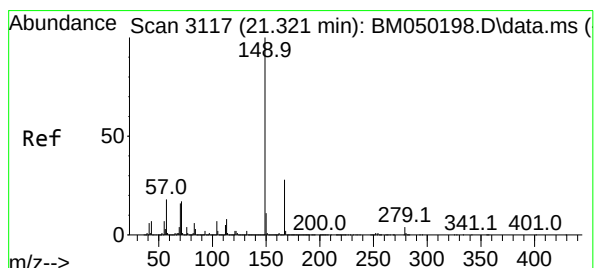
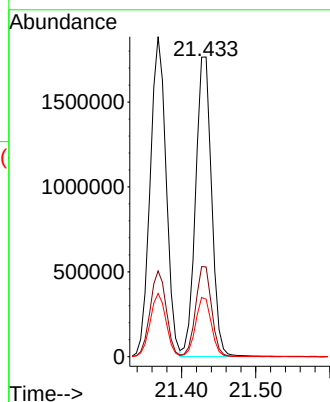
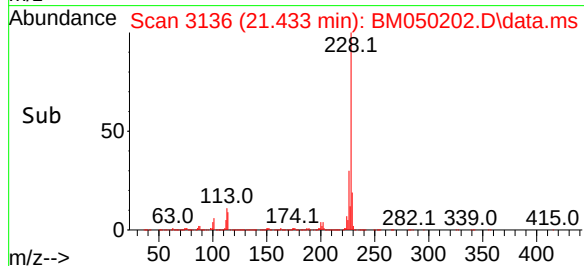
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:228 Resp: 2642484
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.2 15.8 23.8

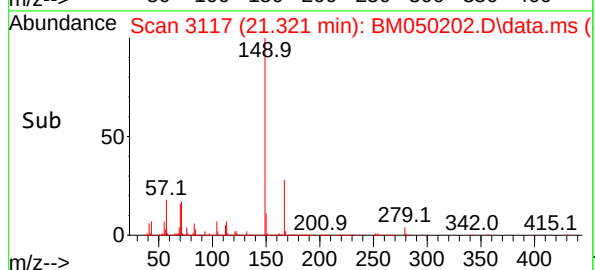
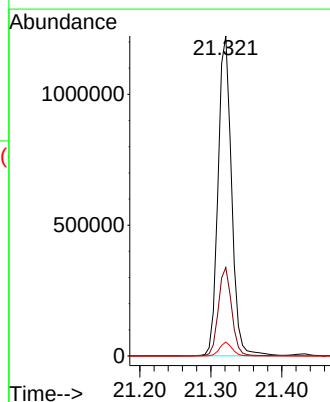
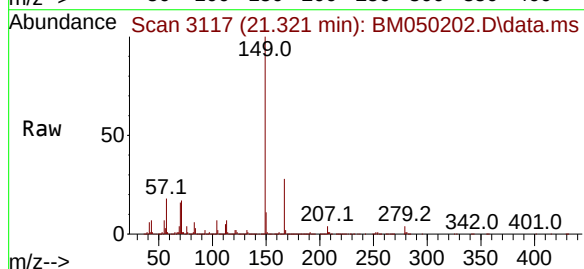
Manual Integrations
APPROVED

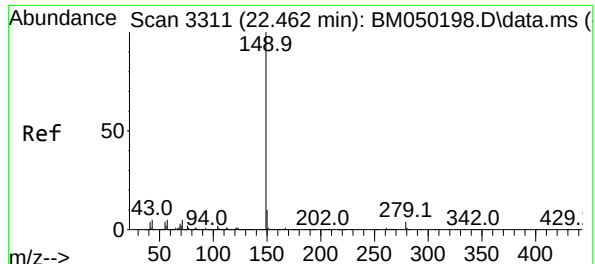
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.675 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

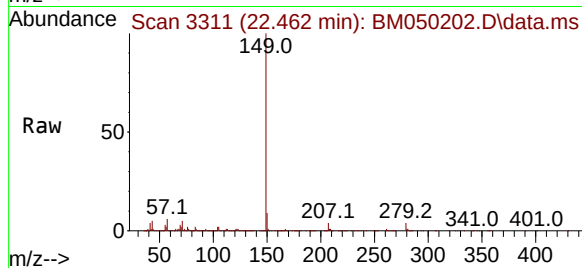
Tgt Ion:149 Resp: 1606973
Ion Ratio Lower Upper
149 100
167 27.6 22.3 33.5
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 38.642 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

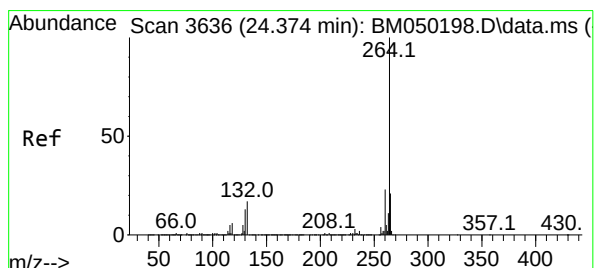
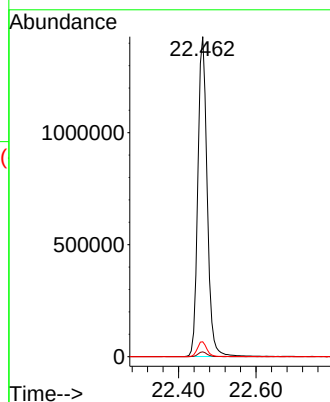
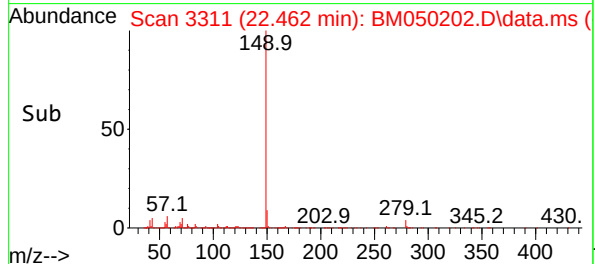
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:149 Resp: 238251
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.8 3.8 5.8

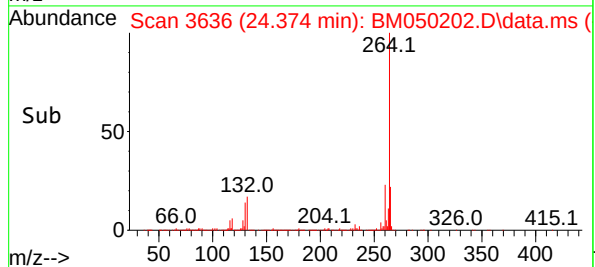
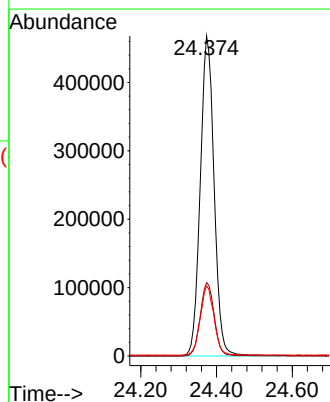
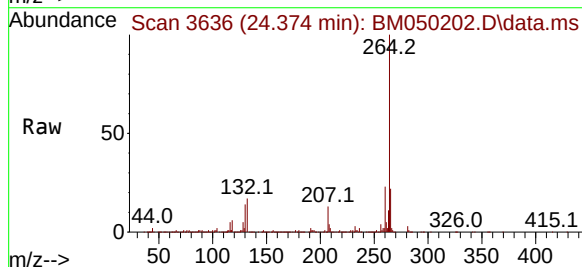
Manual Integrations
APPROVED

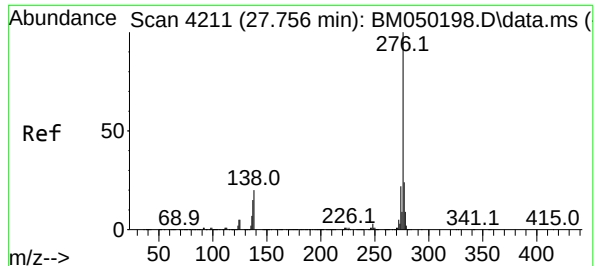
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

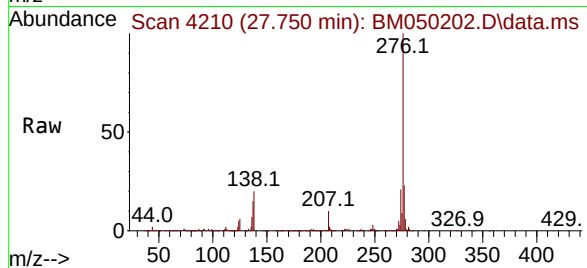
Tgt Ion:264 Resp: 1188981
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.8 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.807 ng
RT: 27.750 min Scan# 4211
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

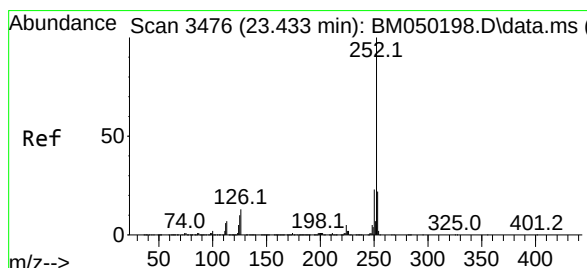
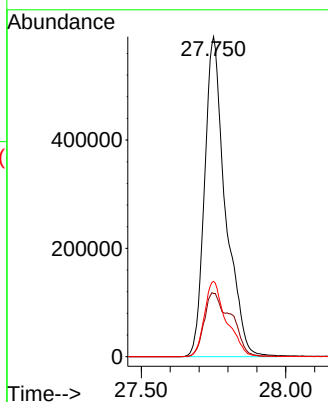
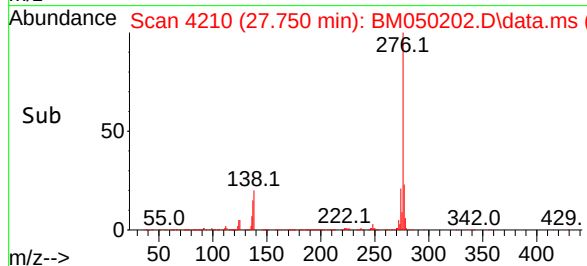
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



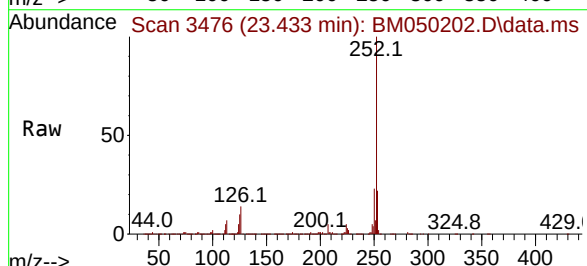
Tgt Ion:276 Resp: 297090
Ion Ratio Lower Upper
276 100
138 25.7 20.6 30.8
277 24.9 19.8 29.6

Manual Integrations
APPROVED

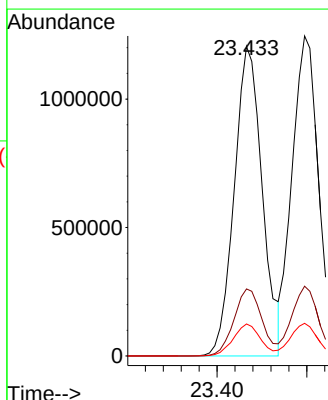
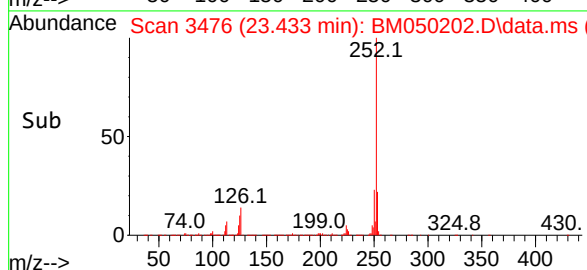
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

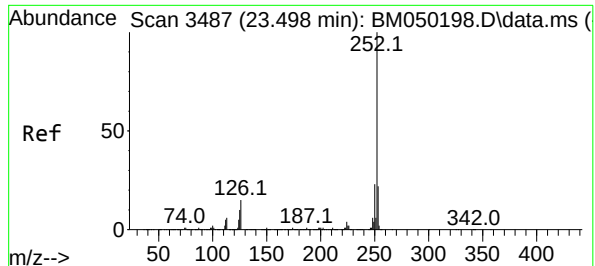


#88
Benzo(b)fluoranthene
Concen: 37.732 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36



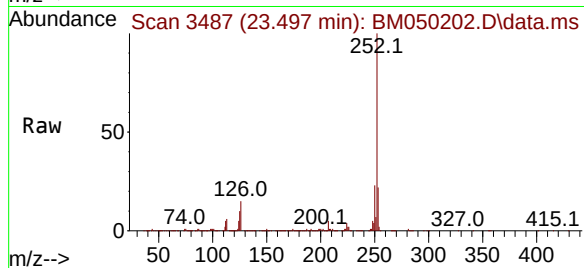
Tgt Ion:252 Resp: 2608359
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.3 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 36.362 ng
RT: 23.497 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

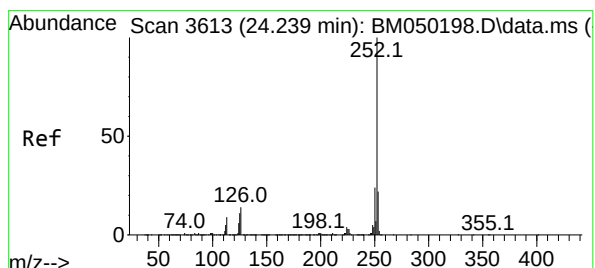
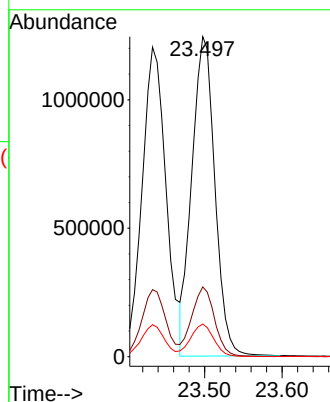
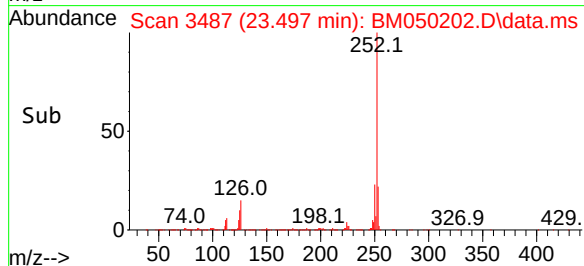
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:252 Resp: 2566064
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.2 8.2 12.4

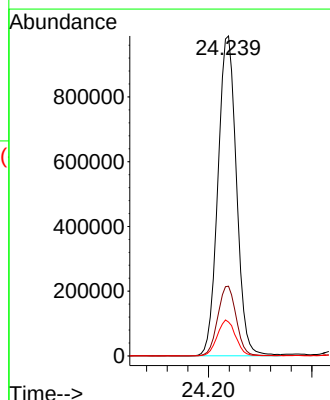
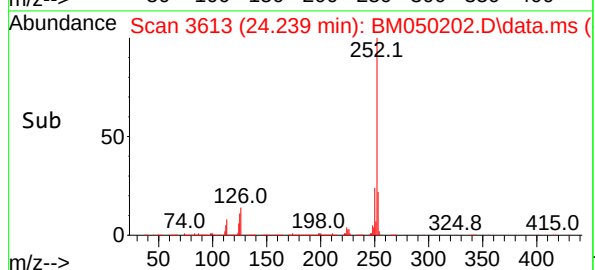
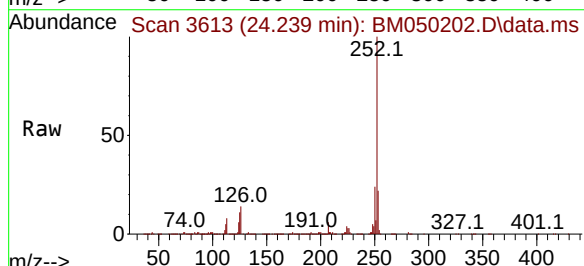
Manual Integrations
APPROVED

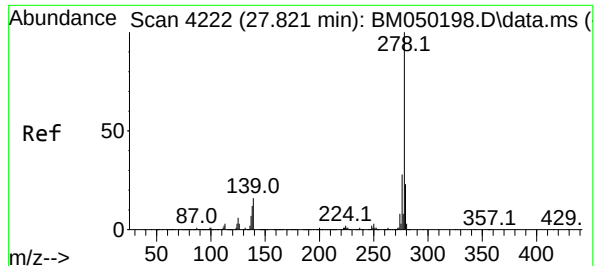
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#90
Benzo(a)pyrene
Concen: 37.840 ng
RT: 24.239 min Scan# 3613
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

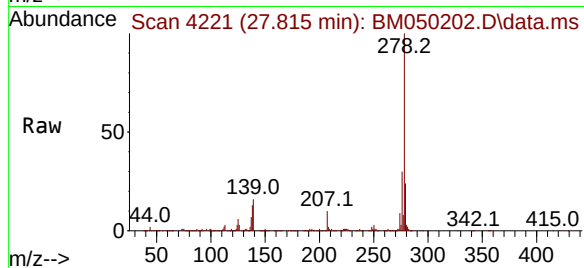
Tgt Ion:252 Resp: 2459411
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.6 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 38.821 ng
RT: 27.815 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

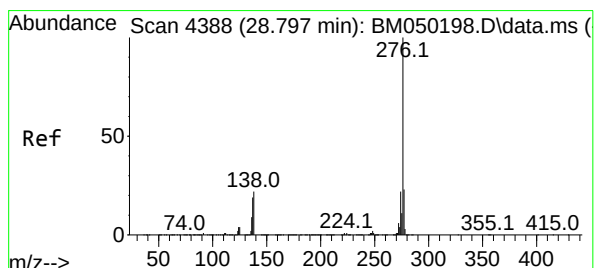
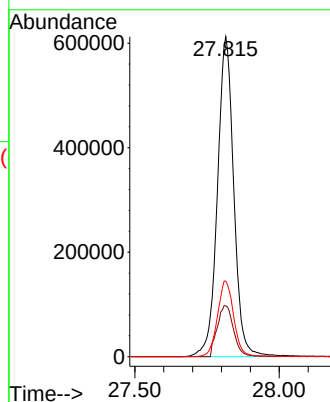
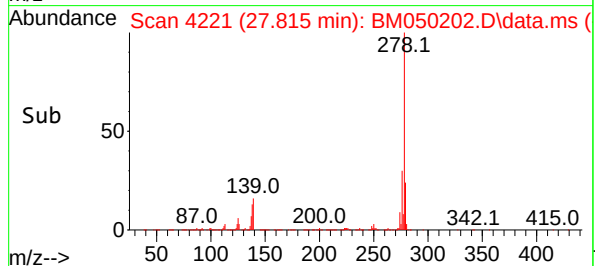
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



Tgt Ion:278 Resp: 241239
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 23.6 18.6 28.0

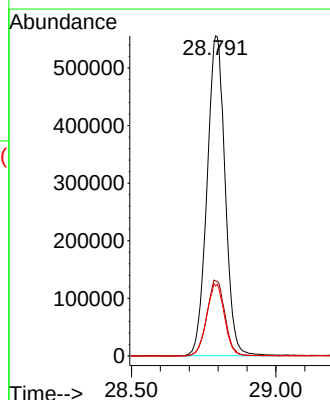
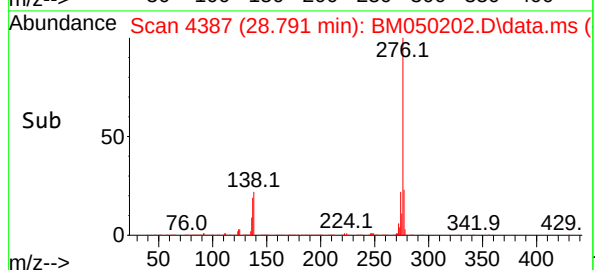
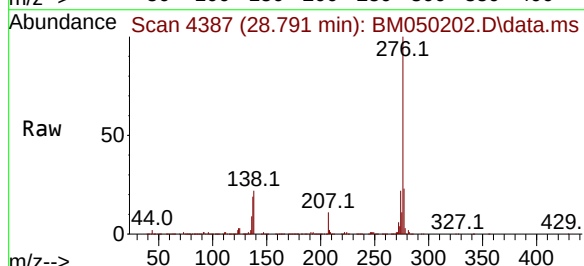
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#92
Benzo(g,h,i)perylene
Concen: 38.771 ng
RT: 28.791 min Scan# 4387
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

Tgt Ion:276 Resp: 2411378
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 21.9 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050202.D
 Acq On : 05 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060525

Quant Time: Jun 05 15:10:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 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	103	0.00
2	1,4-Dioxane	0.526	0.448	14.8	96	0.00
3	Pyridine	1.361	1.266	7.0	100	0.00
4	n-Nitrosodimethylamine	0.281	0.269	4.3	102	0.00
5 S	2-Fluorophenol	1.199	1.069	10.8	96	0.00
6	Aniline	2.086	1.992	4.5	100	0.00
7 S	Phenol-d6	1.578	1.433	9.2	95	0.00
8	2-Chlorophenol	1.319	1.273	3.5	102	0.00
9	Benzaldehyde	1.003	1.038	-3.5	122	0.00
10 C	Phenol	1.670	1.599	4.3	100	0.00
11	bis(2-Chloroethyl)ether	1.343	1.284	4.4	101	0.00
12	1,3-Dichlorobenzene	1.474	1.395	5.4	102	0.00
13 C	1,4-Dichlorobenzene	1.534	1.434	6.5	102	0.00
14	1,2-Dichlorobenzene	1.462	1.382	5.5	102	0.00
15	Benzyl Alcohol	1.126	1.101	2.2	100	0.00
16	2,2'-oxybis(1-Chloropropane	0.933	0.873	6.4	99	0.00
17	2-Methylphenol	1.102	1.076	2.4	100	0.00
18	Hexachloroethane	0.556	0.528	5.0	102	0.00
19 P	n-Nitroso-di-n-propylamine	0.966	0.961	0.5	99	0.00
20	3+4-Methylphenols	1.474	1.451	1.6	99	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22	Acetophenone	0.500	0.470	6.0	101	0.00
23 S	Nitrobenzene-d5	0.385	0.317	17.7	86	0.00
24	Nitrobenzene	0.350	0.333	4.9	100	0.00
25	Isophorone	0.664	0.639	3.8	99	0.00
26 C	2-Nitrophenol	0.151	0.154	-2.0	102	0.00
27	2,4-Dimethylphenol	0.310	0.294	5.2	99	0.00
28	bis(2-Chloroethoxy)methane	0.434	0.413	4.8	99	0.00
29 C	2,4-Dichlorophenol	0.287	0.280	2.4	100	0.00
30	1,2,4-Trichlorobenzene	0.319	0.300	6.0	100	0.00
31	Naphthalene	1.034	0.947	8.4	99	0.00
32	Benzoic acid	0.195	0.193	1.0	97	-0.04
33	4-Chloroaniline	0.441	0.419	5.0	99	0.00
34 C	Hexachlorobutadiene	0.190	0.178	6.3	100	0.00
35	Caprolactam	0.091	0.088	3.3	93	-0.02
36 C	4-Chloro-3-methylphenol	0.306	0.295	3.6	96	0.00
37	2-Methylnaphthalene	0.624	0.592	5.1	98	0.00
38	1-Methylnaphthalene	0.662	0.624	5.7	98	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.546	5.5	102	0.00
41 P	Hexachlorocyclopentadiene	0.351	0.345	1.7	102	0.00
42 S	2,4,6-Tribromophenol	0.227	0.203	10.6	89	0.00
43 C	2,4,6-Trichlorophenol	0.380	0.363	4.5	98	0.00
44	2,4,5-Trichlorophenol	0.417	0.399	4.3	97	0.00
45 S	2-Fluorobiphenyl	1.477	1.164	21.2	85	0.00
46	1,1'-Biphenyl	1.498	1.376	8.1	99	0.00
47	2-Chloronaphthalene	1.164	1.056	9.3	98	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050202.D
 Acq On : 05 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060525

Quant Time: Jun 05 15:10:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 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	0.256	0.258	-0.8	97	0.00
49	Acenaphthylene	1.883	1.736	7.8	96	0.00
50	Dimethylphthalate	1.353	1.264	6.6	95	0.00
51	2,6-Dinitrotoluene	0.273	0.271	0.7	94	0.00
52 C	Acenaphthene	1.178	1.073	8.9	95	0.00
53	3-Nitroaniline	0.304	0.299	1.6	93	0.00
54 P	2,4-Dinitrophenol	0.146	0.139	4.8	92	0.00
55	Dibenzofuran	1.723	1.568	9.0	95	0.00
56 P	4-Nitrophenol	0.259	0.250	3.5	92	0.00
57	2,4-Dinitrotoluene	0.360	0.359	0.3	91	0.00
58	Fluorene	1.320	1.192	9.7	95	0.00
59	2,3,4,6-Tetrachlorophenol	0.361	0.338	6.4	93	0.00
60	Diethylphthalate	1.342	1.232	8.2	92	0.00
61	4-Chlorophenyl-phenylether	0.638	0.576	9.7	95	0.00
62	4-Nitroaniline	0.285	0.273	4.2	89	-0.01
63	Azobenzene	1.341	1.212	9.6	93	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	0.109	0.106	2.8	88	0.00
66 c	n-Nitrosodiphenylamine	0.628	0.593	5.6	93	0.00
67	4-Bromophenyl-phenylether	0.213	0.205	3.8	93	0.00
68	Hexachlorobenzene	0.249	0.236	5.2	92	0.00
69	Atrazine	0.200	0.196	2.0	88	0.00
70 C	Pentachlorophenol	0.162	0.158	2.5	89	0.00
71	Phenanthrene	1.143	1.033	9.6	89	0.00
72	Anthracene	1.143	1.052	8.0	90	0.00
73	Carbazole	1.041	0.942	9.5	87	0.00
74	Di-n-butylphthalate	1.133	1.059	6.5	85	0.00
75 C	Fluoranthene	1.205	1.057	12.3	83	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	81	0.00
77	Benzidine	0.562	0.686	-22.1	90	0.00
78	Pyrene	1.348	1.360	-0.9	83	0.00
79 S	Terphenyl-d14	1.055	0.909	13.8	73	0.00
80	Butylbenzylphthalate	0.450	0.456	-1.3	75	0.00
81	Benzo(a)anthracene	1.266	1.177	7.0	78	0.00
82	3,3'-Dichlorobenzidine	0.386	0.389	-0.8	76	0.00
83	Chrysene	1.204	1.101	8.6	77	0.00
84	Bis(2-ethylhexyl)phthalate	0.693	0.670	3.3	73	0.00
85 c	Di-n-octyl phthalate	1.028	0.993	3.4	72	0.00
86 I	Perylene-d12	1.000	1.000	0.0	84	0.00
87	Indeno(1,2,3-cd)pyrene	1.288	1.249	3.0	88	-0.01
88	Benzo(b)fluoranthene	1.163	1.097	5.7	79	0.00
89	Benzo(k)fluoranthene	1.187	1.079	9.1	78	0.00
90 C	Benzo(a)pyrene	1.093	1.034	5.4	81	0.00
91	Dibenzo(a,h)anthracene	1.045	1.014	3.0	88	0.00
92	Benzo(g,h,i)perylene	1.046	1.014	3.1	90	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 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_M\Data\BM060525\
 Data File : BM050202.D
 Acq On : 05 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
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Quant Time: Jun 05 15:10:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 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	103	0.00
2	1,4-Dioxane	40.000	34.075	14.8	96	0.00
3	Pyridine	40.000	37.216	7.0	100	0.00
4	n-Nitrosodimethylamine	40.000	38.276	4.3	102	0.00
5 S	2-Fluorophenol	80.000	71.321	10.8	96	0.00
6	Aniline	40.000	38.184	4.5	100	0.00
7 S	Phenol-d6	80.000	72.656	9.2	95	0.00
8	2-Chlorophenol	40.000	38.620	3.5	102	0.00
9	Benzaldehyde	40.000	41.383	-3.5	122	0.00
10 C	Phenol	40.000	38.313	4.2	100	0.00
11	bis(2-Chloroethyl)ether	40.000	38.237	4.4	101	0.00
12	1,3-Dichlorobenzene	40.000	37.856	5.4	102	0.00
13 C	1,4-Dichlorobenzene	40.000	37.381	6.5	102	0.00
14	1,2-Dichlorobenzene	40.000	37.789	5.5	102	0.00
15	Benzyl Alcohol	40.000	39.129	2.2	100	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.404	6.5	99	0.00
17	2-Methylphenol	40.000	39.079	2.3	100	0.00
18	Hexachloroethane	40.000	38.024	4.9	102	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.802	0.5	99	0.00
20	3+4-Methylphenols	40.000	39.372	1.6	99	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22	Acetophenone	40.000	37.622	5.9	101	0.00
23 S	Nitrobenzene-d5	80.000	65.977	17.5	86	0.00
24	Nitrobenzene	40.000	38.131	4.7	100	0.00
25	Isophorone	40.000	38.498	3.8	99	0.00
26 C	2-Nitrophenol	40.000	40.867	-2.2	102	0.00
27	2,4-Dimethylphenol	40.000	37.886	5.3	99	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.061	4.8	99	0.00
29 C	2,4-Dichlorophenol	40.000	38.988	2.5	100	0.00
30	1,2,4-Trichlorobenzene	40.000	37.573	6.1	100	0.00
31	Naphthalene	40.000	36.633	8.4	99	0.00
32	Benzoic acid	40.000	39.598	1.0	97	-0.04
33	4-Chloroaniline	40.000	38.018	5.0	99	0.00
34 C	Hexachlorobutadiene	40.000	37.511	6.2	100	0.00
35	Caprolactam	40.000	38.807	3.0	93	-0.02
36 C	4-Chloro-3-methylphenol	40.000	38.568	3.6	96	0.00
37	2-Methylnaphthalene	40.000	37.986	5.0	98	0.00
38	1-Methylnaphthalene	40.000	37.722	5.7	98	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.845	5.4	102	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.386	1.5	102	0.00
42 S	2,4,6-Tribromophenol	80.000	71.554	10.6	89	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.255	4.4	98	0.00
44	2,4,5-Trichlorophenol	40.000	38.297	4.3	97	0.00
45 S	2-Fluorobiphenyl	80.000	63.026	21.2	85	0.00
46	1,1'-Biphenyl	40.000	36.765	8.1	99	0.00
47	2-Chloronaphthalene	40.000	36.269	9.3	98	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050202.D
 Acq On : 05 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060525

Quant Time: Jun 05 15:10:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 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	40.253	-0.6	97	0.00
49	Acenaphthylene	40.000	36.877	7.8	96	0.00
50	Dimethylphthalate	40.000	37.379	6.6	95	0.00
51	2,6-Dinitrotoluene	40.000	39.718	0.7	94	0.00
52 C	Acenaphthene	40.000	36.444	8.9	95	0.00
53	3-Nitroaniline	40.000	39.347	1.6	93	0.00
54 P	2,4-Dinitrophenol	40.000	34.596	13.5	92	0.00
55	Dibenzofuran	40.000	36.397	9.0	95	0.00
56 P	4-Nitrophenol	40.000	38.588	3.5	92	0.00
57	2,4-Dinitrotoluene	40.000	39.946	0.1	91	0.00
58	Fluorene	40.000	36.130	9.7	95	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.508	6.2	93	0.00
60	Diethylphthalate	40.000	36.717	8.2	92	0.00
61	4-Chlorophenyl-phenylether	40.000	36.132	9.7	95	0.00
62	4-Nitroaniline	40.000	38.283	4.3	89	-0.01
63	Azobenzene	40.000	36.142	9.6	93	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.808	3.0	88	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.727	5.7	93	0.00
67	4-Bromophenyl-phenylether	40.000	38.453	3.9	93	0.00
68	Hexachlorobenzene	40.000	37.911	5.2	92	0.00
69	Atrazine	40.000	39.186	2.0	88	0.00
70 C	Pentachlorophenol	40.000	38.925	2.7	89	0.00
71	Phenanthrene	40.000	36.170	9.6	89	0.00
72	Anthracene	40.000	36.806	8.0	90	0.00
73	Carbazole	40.000	36.195	9.5	87	0.00
74	Di-n-butylphthalate	40.000	37.377	6.6	85	0.00
75 C	Fluoranthene	40.000	35.092	12.3	83	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	81	0.00
77	Benzydine	40.000	48.798	-22.0	90	0.00
78	Pyrene	40.000	40.348	-0.9	83	0.00
79 S	Terphenyl-d14	80.000	68.934	13.8	73	0.00
80	Butylbenzylphthalate	40.000	40.599	-1.5	75	0.00
81	Benzo(a)anthracene	40.000	37.193	7.0	78	0.00
82	3,3'-Dichlorobenzidine	40.000	40.289	-0.7	76	0.00
83	Chrysene	40.000	36.579	8.6	77	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.675	3.3	73	0.00
85 c	Di-n-octyl phthalate	40.000	38.642	3.4	72	0.00
86 I	Perylene-d12	20.000	20.000	0.0	84	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.807	3.0	88	-0.01
88	Benzo(b)fluoranthene	40.000	37.732	5.7	79	0.00
89	Benzo(k)fluoranthene	40.000	36.362	9.1	78	0.00
90 C	Benzo(a)pyrene	40.000	37.840	5.4	81	0.00
91	Dibenzo(a,h)anthracene	40.000	38.821	2.9	88	0.00
92	Benzo(g,h,i)perylene	40.000	38.771	3.1	90	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 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: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_M Calibration Date/Time: 06/09/2025 10:47

Lab File ID: BM050236.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.199	1.191		-0.7	
Phenol-d6	1.578	1.515		-4.0	
Nitrobenzene-d5	0.385	0.385		0.0	
Naphthalene	1.034	0.973		-5.9	
2-Methylnaphthalene	0.624	0.587		-5.9	
2-Fluorobiphenyl	1.477	1.424		-3.6	
2,4,6-Tribromophenol	0.227	0.228		0.4	
Terphenyl-d14	1.055	0.983		-6.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050236.D
 Acq On : 09 Jun 2025 10:47
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Jun 09 12:09:26 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	371799	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1449703	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	826607	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1554642	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1640724	20.000	ng	0.00
86) Perylene-d12	24.344	264	1782072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1771146	79.466	ng	0.00
7) Phenol-d6	6.934	99	2253747	76.814	ng	0.00
23) Nitrobenzene-d5	8.916	82	2232566	80.093	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	753572	80.150	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4707717	77.105	ng	0.00
79) Terphenyl-d14	19.768	244	6451300	74.512	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	382124	39.113	ng	96
3) Pyridine	3.669	79	998115	39.450	ng	98
4) n-Nitrosodimethylamine	3.581	42	204262	39.043	ng	97
6) Aniline	7.092	93	1467918	37.845	ng	99
8) 2-Chlorophenol	7.334	128	943212	38.473	ng	100
9) Benzaldehyde	6.910	77	618685	33.166	ng	99
10) Phenol	6.957	94	1185471	38.187	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	957982	38.365	ng	99
12) 1,3-Dichlorobenzene	7.657	146	1051386	38.361	ng	98
13) 1,4-Dichlorobenzene	7.804	146	1074188	37.669	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1025873	37.737	ng	98
15) Benzyl Alcohol	8.004	79	791666	37.831	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	695784	40.112	ng	96
17) 2-Methylphenol	8.204	107	769192	37.552	ng	99
18) Hexachloroethane	8.851	117	403690	39.091	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	681963	37.982	ng	99
20) 3+4-Methylphenols	8.534	107	1025040	37.404	ng	99
22) Acetophenone	8.586	105	1378997	38.075	ng	# 99
24) Nitrobenzene	8.963	77	1009936	39.838	ng	100
25) Isophorone	9.486	82	1838114	38.206	ng	99
26) 2-Nitrophenol	9.669	139	444930	40.658	ng	99
27) 2,4-Dimethylphenol	9.733	122	873965	38.869	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1222055	38.882	ng	99
29) 2,4-Dichlorophenol	10.198	162	808976	38.880	ng	97
30) 1,2,4-Trichlorobenzene	10.422	180	891895	38.520	ng	99
31) Naphthalene	10.604	128	2821729	37.647	ng	99
32) Benzoic acid	9.845	122	537731	38.054	ng	99
33) 4-Chloroaniline	10.710	127	1214638	38.011	ng	100
34) Hexachlorobutadiene	10.904	225	522170	37.914	ng	99
35) Caprolactam	11.480	113	249961	37.893	ng	94
36) 4-Chloro-3-methylphenol	11.833	107	838825	37.781	ng	99
37) 2-Methylnaphthalene	12.222	142	1701475	37.629	ng	99
38) 1-Methylnaphthalene	12.439	142	1805855	37.628	ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	939136	39.345	ng	100
41) Hexachlorocyclopentadiene	12.574	237	590782	40.755	ng	98
43) 2,4,6-Trichlorophenol	12.827	196	615720	39.226	ng	99

06/10/2025

Supervised By :Jagrut
 padhyay

06/10/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050236.D
 Acq On : 09 Jun 2025 10:47
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Jun 09 12:09:26 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	672862	39.043	ng	99
46) 1,1'-Biphenyl	13.233	154	2356010	38.064	ng	99
47) 2-Chloronaphthalene	13.274	162	1833042	38.093	ng	99
48) 2-Nitroaniline	13.469	65	456554	43.114	ng	95
49) Acenaphthylene	14.121	152	2994584	38.476	ng	100
50) Dimethylphthalate	13.863	163	2162802	38.688	ng	100
51) 2,6-Dinitrotoluene	13.969	165	460508	40.847	ng	97
52) Acenaphthene	14.463	154	1872700	38.468	ng	98
53) 3-Nitroaniline	14.292	138	522835	41.611	ng	99
54) 2,4-Dinitrophenol	14.492	184	241742	36.269	ng	98
55) Dibenzofuran	14.798	168	2720257	38.195	ng	100
56) 4-Nitrophenol	14.598	139	451544	42.223	ng	97
57) 2,4-Dinitrotoluene	14.751	165	620911	41.751	ng	96
58) Fluorene	15.445	166	2110437	38.689	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.021	232	591170m	39.647	ng	
60) Diethylphthalate	15.227	149	2183090	39.358	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1011298	38.359	ng	98
62) 4-Nitroaniline	15.457	138	502473	42.668	ng	97
63) Azobenzene	15.733	77	2144240	38.676	ng	97
65) 4,6-Dinitro-2-methylph...	15.515	198	338246	39.835	ng	100
66) n-Nitrosodiphenylamine	15.657	169	1861847	38.115	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	635485	38.332	ng	100
68) Hexachlorobenzene	16.445	284	743008	38.360	ng	98
69) Atrazine	16.610	200	636763	40.912	ng	100
70) Pentachlorophenol	16.786	266	515371	40.925	ng	99
71) Phenanthrene	17.180	178	3359918	37.832	ng	99
72) Anthracene	17.268	178	3426684	38.569	ng	100
73) Carbazole	17.533	167	3214532	39.714	ng	100
74) Di-n-butylphthalate	18.115	149	3755827	42.646	ng	99
75) Fluoranthene	19.192	202	3781566	40.376	ng	99
77) Benzidine	19.374	184	1979124	42.895	ng	99
78) Pyrene	19.556	202	4034377	36.482	ng	99
80) Butylbenzylphthalate	20.468	149	1591767	43.152	ng	99
81) Benzo(a)anthracene	21.350	228	3983809	38.361	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	1400436	44.220	ng	98
83) Chrysene	21.415	228	3791451	38.381	ng	100
84) Bis(2-ethylhexyl)phtha...	21.303	149	2523710	44.417	ng	99
85) Di-n-octyl phthalate	22.439	149	3953455	46.890	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	4776476	41.627	ng	99
88) Benzo(b)fluoranthene	23.409	252	4049928	39.088	ng	100
89) Benzo(k)fluoranthene	23.474	252	3999669	37.814	ng	100
90) Benzo(a)pyrene	24.209	252	3843258	39.452	ng	100
91) Dibenzo(a,h)anthracene	27.768	278	3874478	41.599	ng	98
92) Benzo(g,h,i)perylene	28.750	276	3887938	41.707	ng	100

06/10/2025

Supervised By :Jagrut
 Upadhyay

06/10/2025

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050236.D
 Acq On : 09 Jun 2025 10:47
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

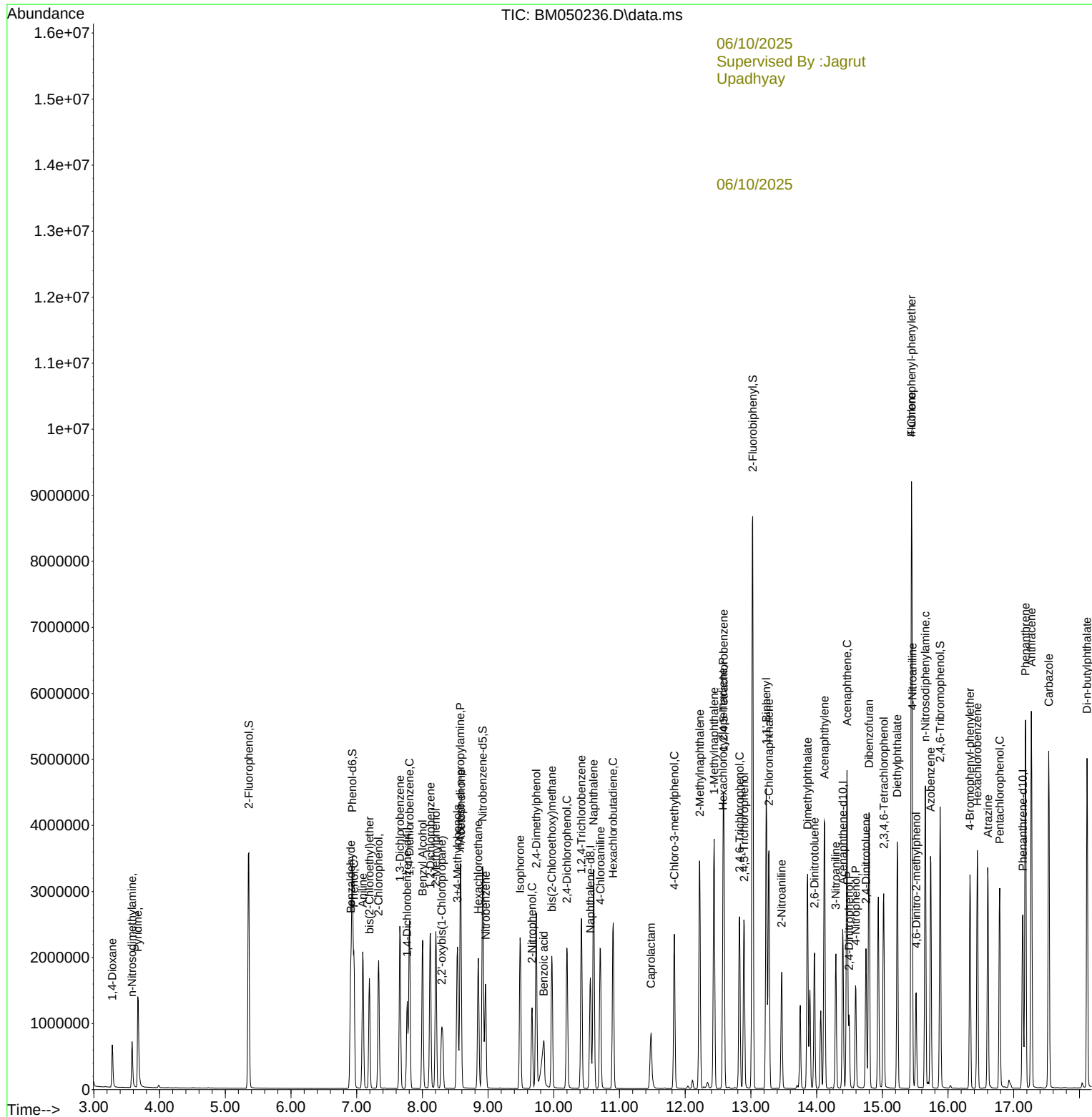
ClientSampleId :

SSTDCCC040

Manual Integrations**APPROVED**

Reviewed By :Rahul
 Chavli

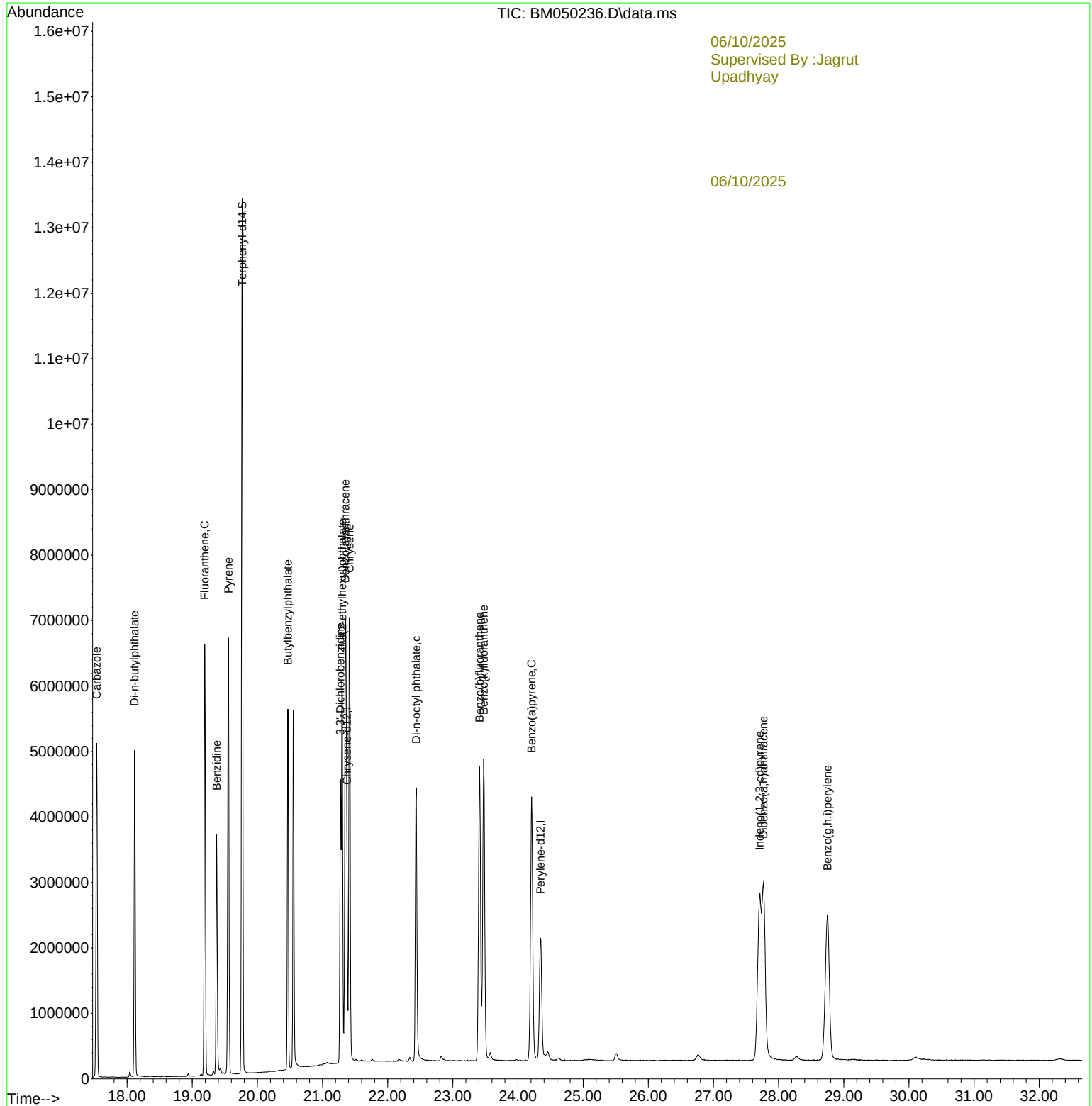
Quant Time: Jun 09 12:09:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

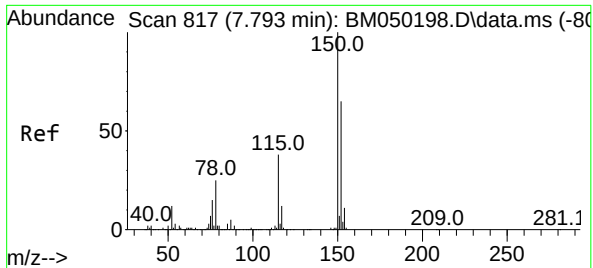


Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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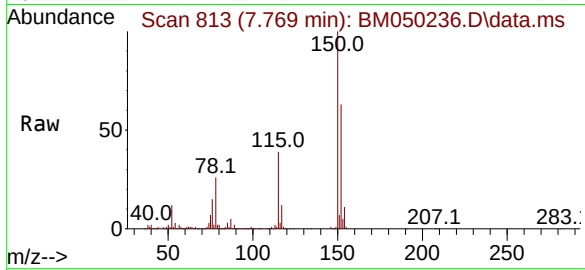
Reviewed By :Rahul Chavli





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

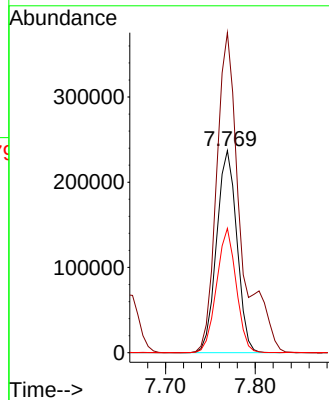
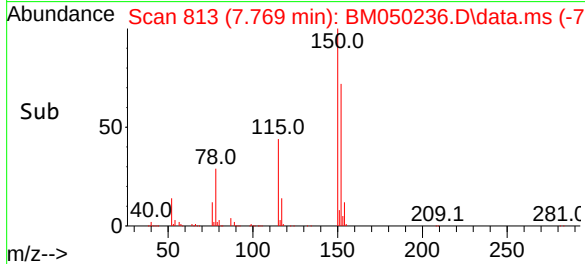
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 371799
Ion Ratio Lower Upper
152 100
150 158.3 122.2 183.4
115 61.5 46.3 69.5

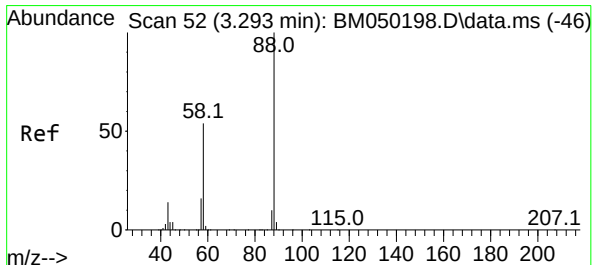
Manual Integrations
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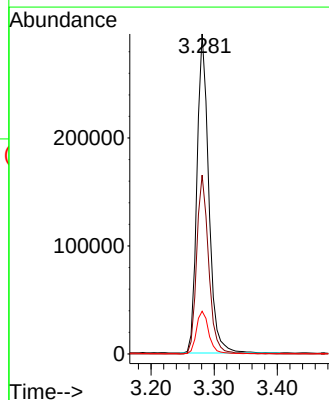
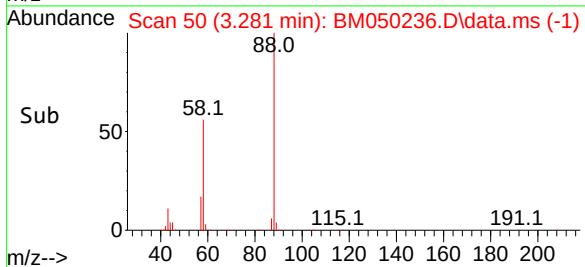
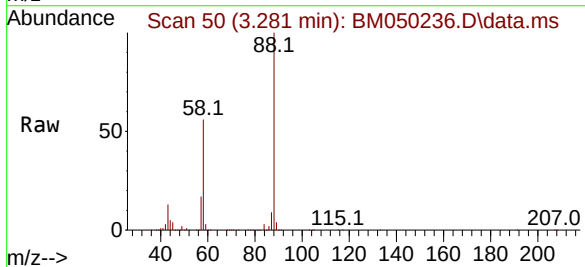
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Upadhyay

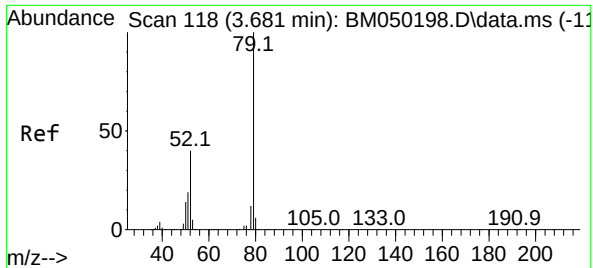
06/10/2025



#2
1,4-Dioxane
Concen: 39.113 ng
RT: 3.281 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

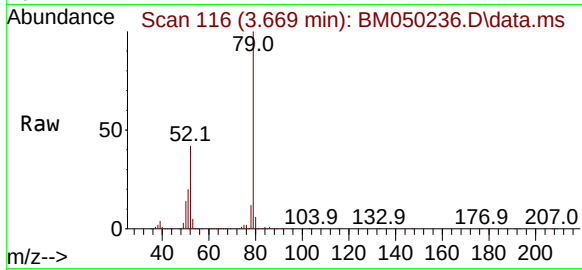
Tgt Ion: 88 Resp: 382124
Ion Ratio Lower Upper
88 100
58 56.9 42.9 64.3
43 14.3 11.0 16.6





#3
Pyridine
Concen: 39.450 ng
RT: 3.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

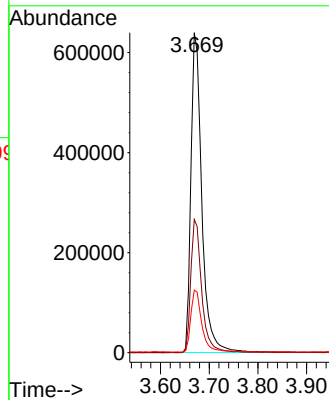
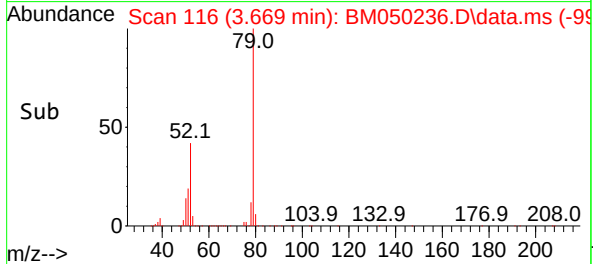
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 998111
Ion Ratio Lower Upper
79 100
52 41.6 32.1 48.1
51 19.5 15.4 23.0

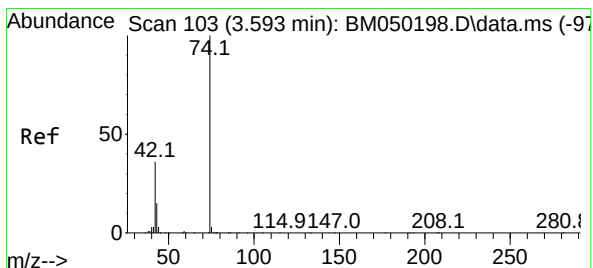
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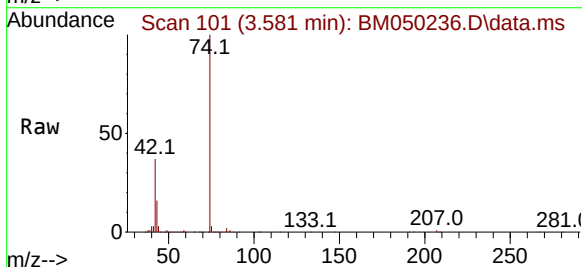


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Supervised By :Jagrut
Upadhyay

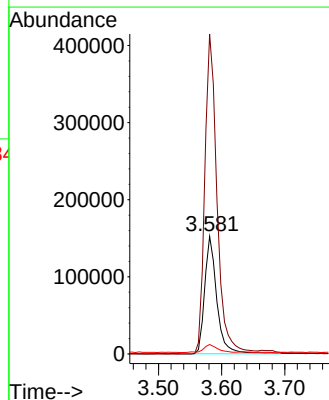
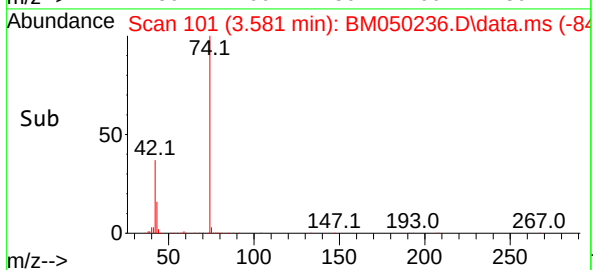
06/10/2025

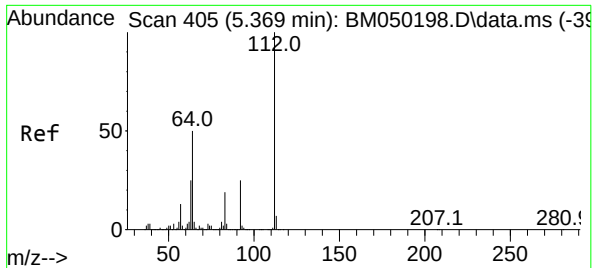


#4
n-Nitrosodimethylamine
Concen: 39.043 ng
RT: 3.581 min Scan# 101
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



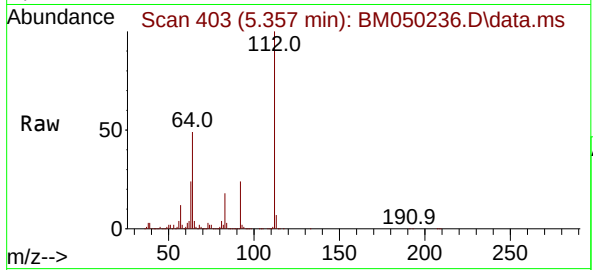
Tgt Ion: 42 Resp: 204262
Ion Ratio Lower Upper
42 100
74 272.0 222.0 333.0
44 8.1 7.0 10.6





#5
2-Fluorophenol
Concen: 79.466 ng
RT: 5.357 min Scan# 405
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

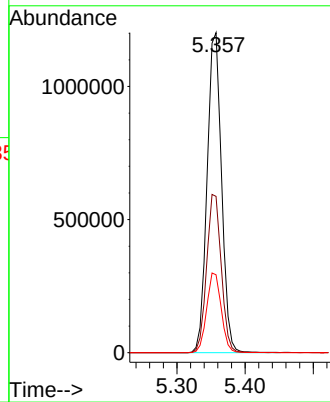
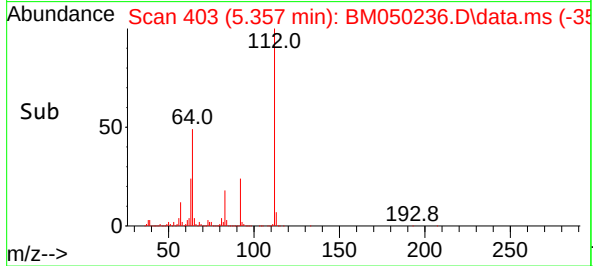
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 1771140
Ion Ratio Lower Upper
112 100
64 48.8 39.8 59.6
63 24.3 19.8 29.8

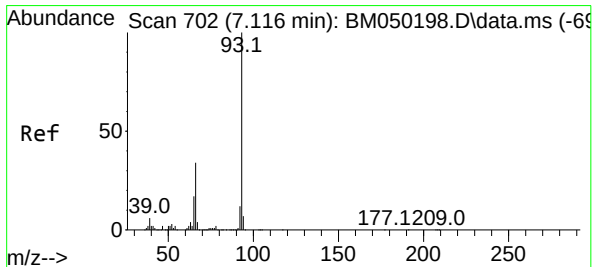
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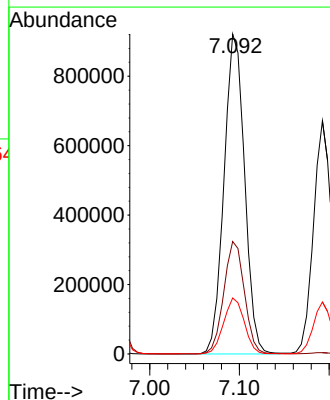
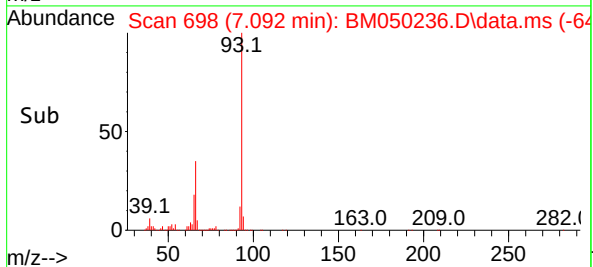
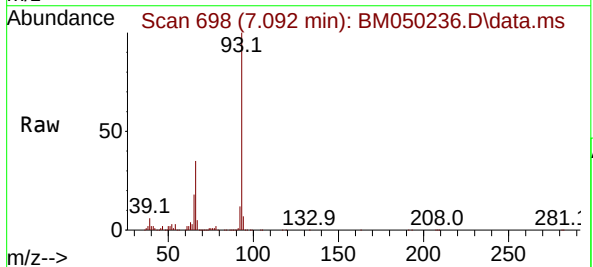
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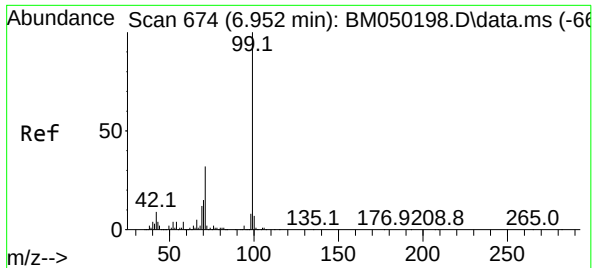
06/10/2025



#6
Aniline
Concen: 37.845 ng
RT: 7.092 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

Tgt Ion: 93 Resp: 1467918
Ion Ratio Lower Upper
93 100
66 35.1 27.4 41.2
65 17.5 13.6 20.4





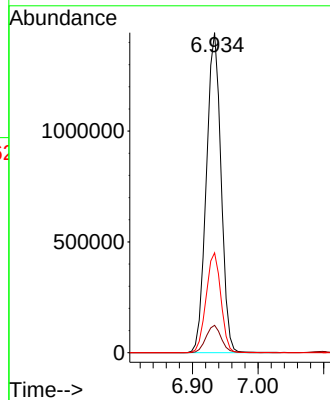
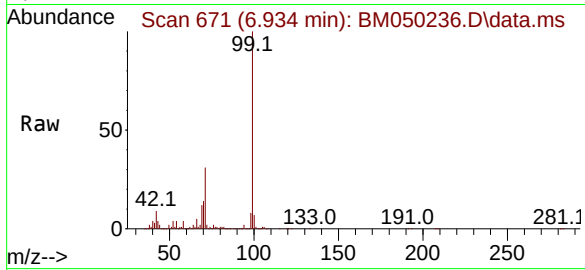
#7
Phenol-d6
Concen: 76.814 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 225374
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 31.2 25.3 37.9

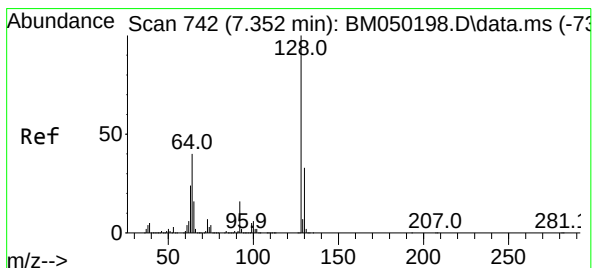
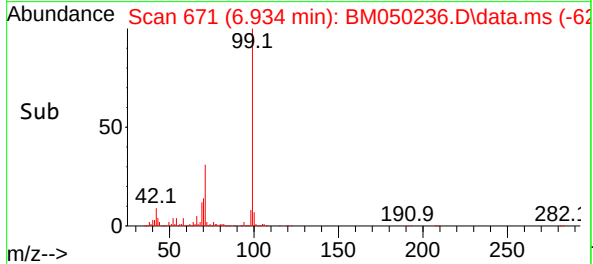
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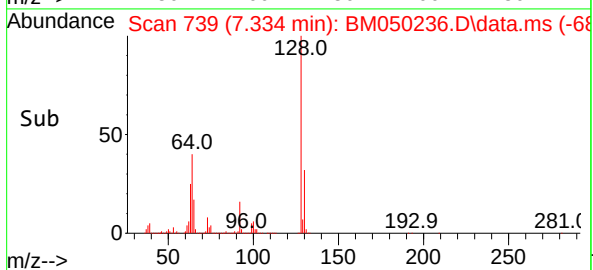
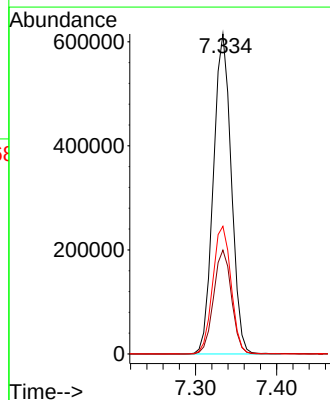
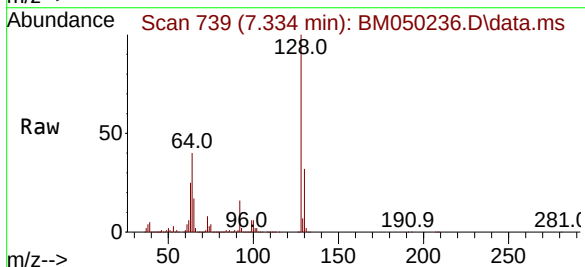
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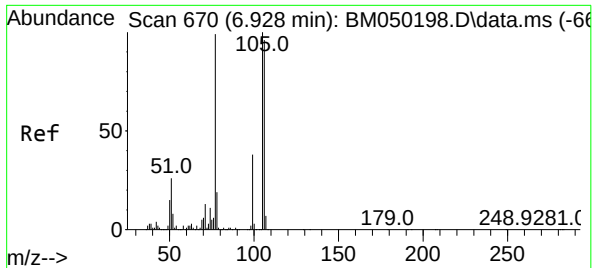
06/10/2025



#8
2-Chlorophenol
Concen: 38.473 ng
RT: 7.334 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

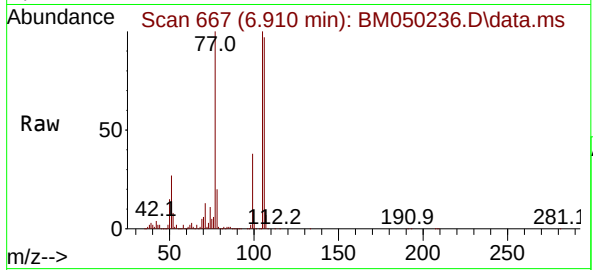
Tgt Ion:128 Resp: 943212
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 39.9 19.8 59.8





#9
Benzaldehyde
Concen: 33.166 ng
RT: 6.910 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

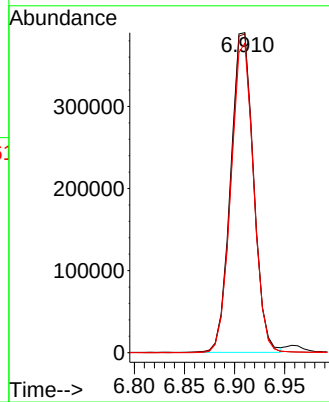
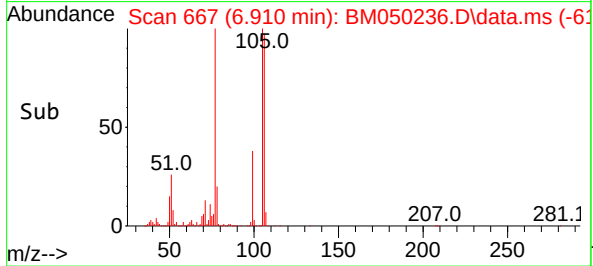
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 61868
Ion Ratio Lower Upper
77 100
105 99.6 80.9 120.9
106 96.7 77.1 117.1

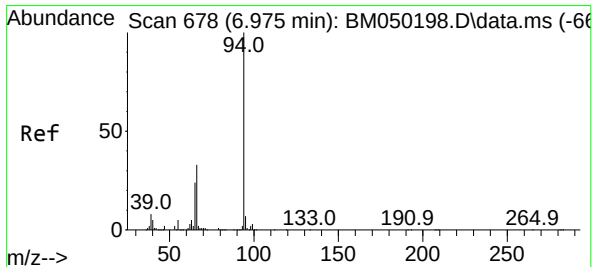
Manual Integrations
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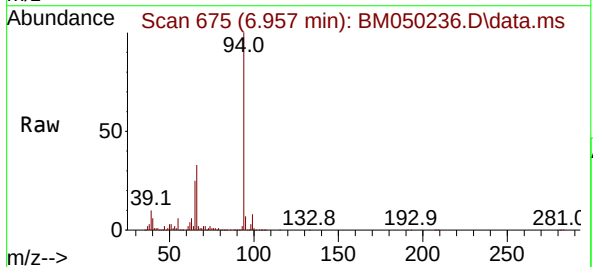


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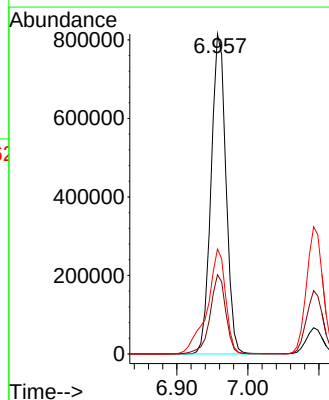
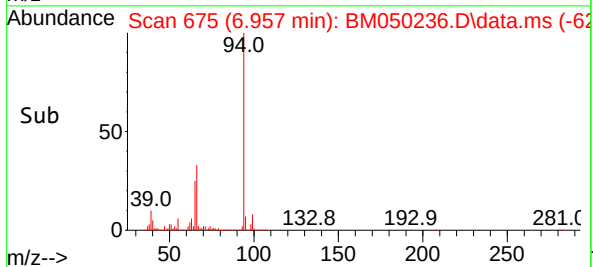
06/10/2025

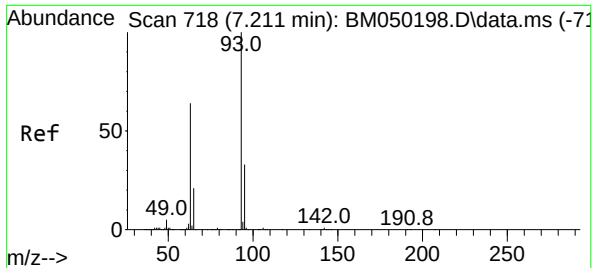


#10
Phenol
Concen: 38.187 ng
RT: 6.957 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



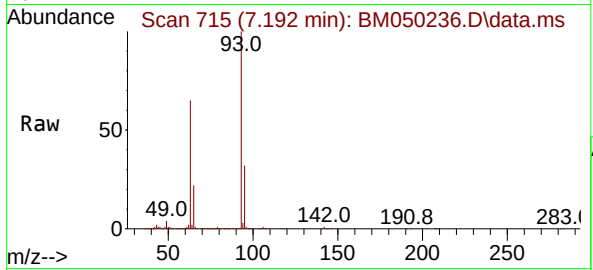
Tgt Ion: 94 Resp: 1185471
Ion Ratio Lower Upper
94 100
65 24.8 4.3 44.3
66 32.8 12.9 52.9





#11
bis(2-Chloroethyl)ether
Concen: 38.365 ng
RT: 7.192 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

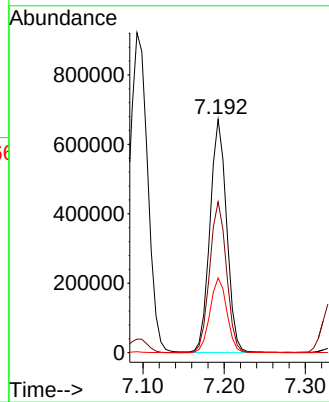
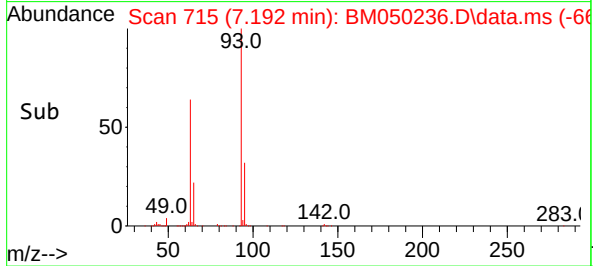
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 95798
Ion Ratio Lower Upper
93 100
63 64.7 43.9 83.9
95 32.0 12.7 52.7

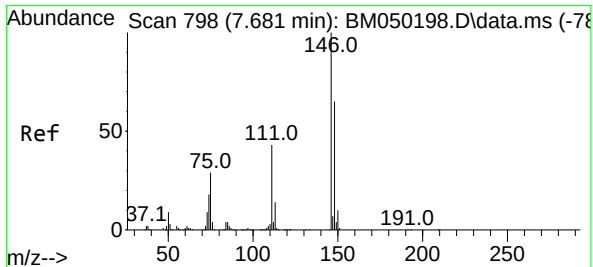
Manual Integrations
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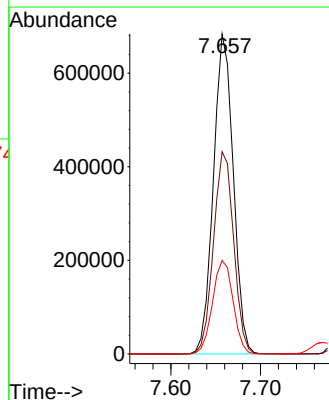
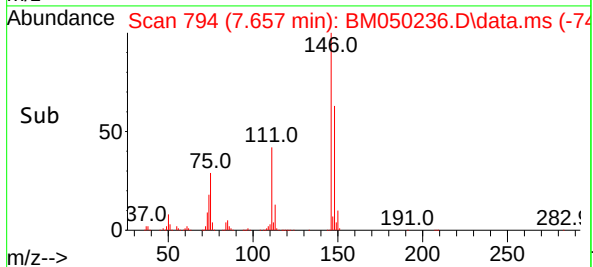
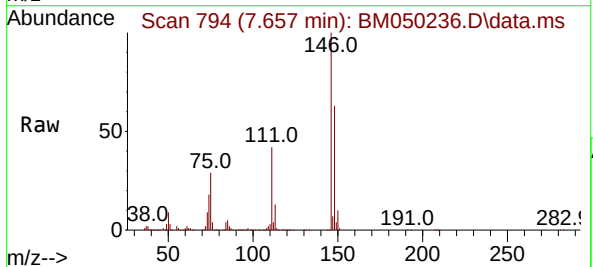
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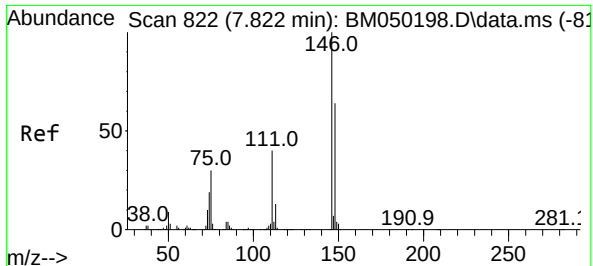
06/10/2025



#12
1,3-Dichlorobenzene
Concen: 38.361 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

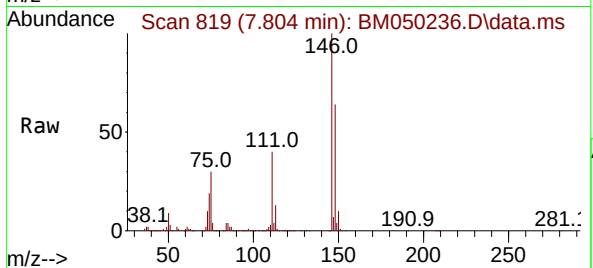
Tgt Ion:146 Resp: 1051386
Ion Ratio Lower Upper
146 100
148 63.2 51.9 77.9
75 29.2 23.4 35.0





#13
1,4-Dichlorobenzene
Concen: 37.669 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

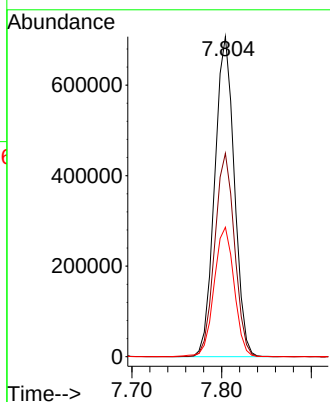
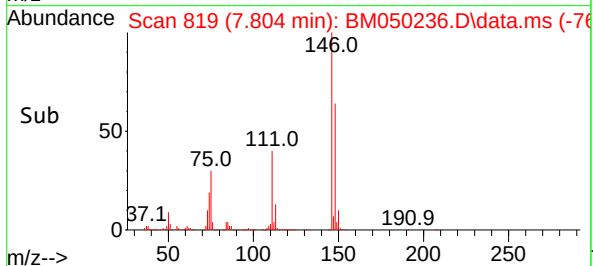
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:146 Resp: 1074188
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 40.5 32.3 48.5

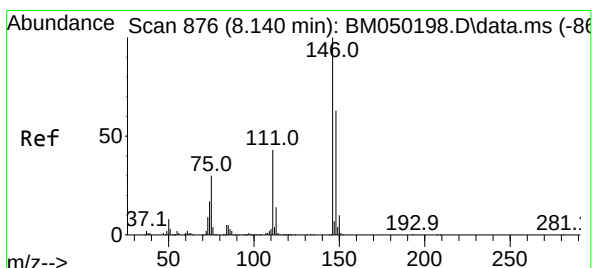
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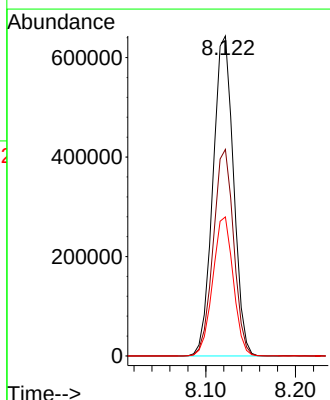
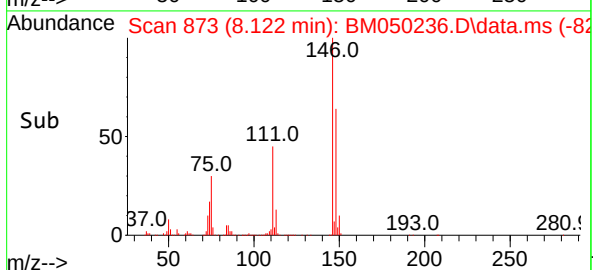
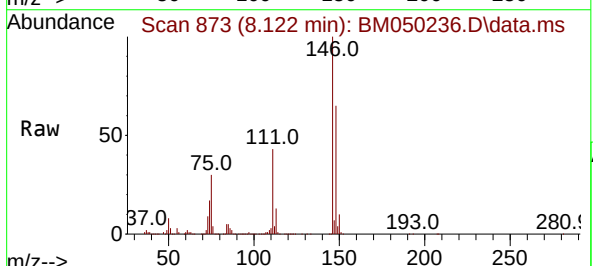
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Supervised By :Jagrut
Upadhyay

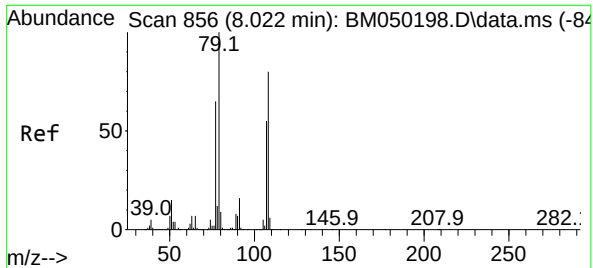
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#14
1,2-Dichlorobenzene
Concen: 37.737 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

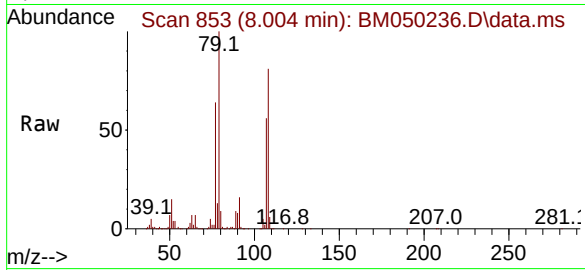
Tgt Ion:146 Resp: 1025873
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
111 43.4 34.3 51.5





#15
Benzyl Alcohol
Concen: 37.831 ng
RT: 8.004 min Scan# 853
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

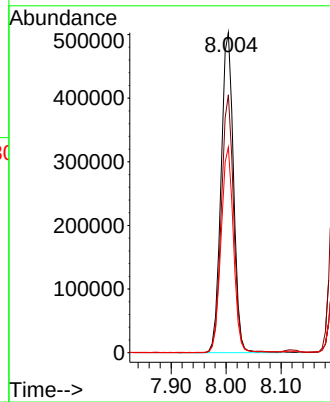
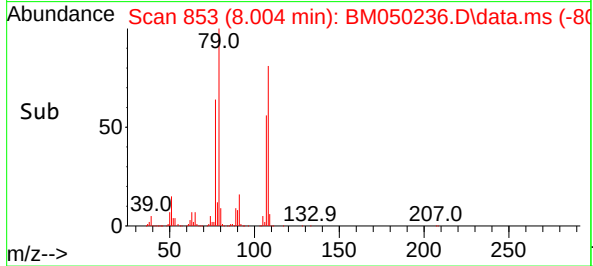
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 791660
Ion Ratio Lower Upper
79 100
108 80.6 64.0 96.0
77 64.2 52.2 78.2

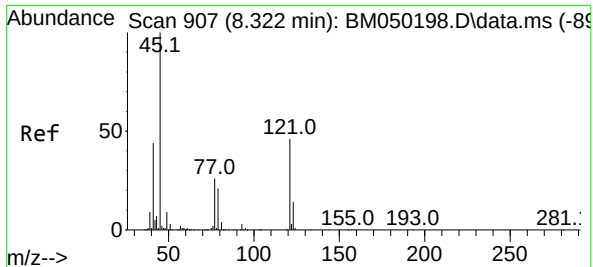
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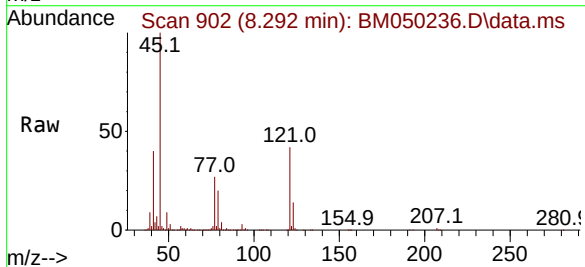


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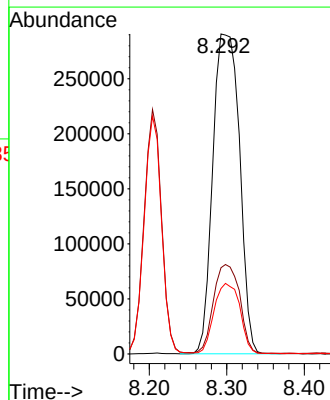
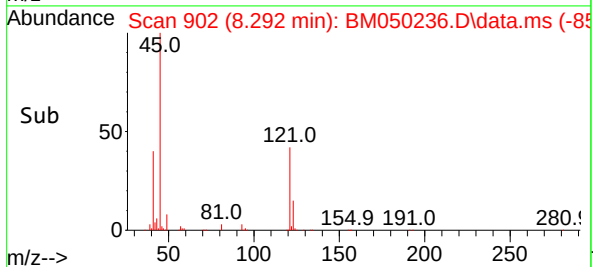
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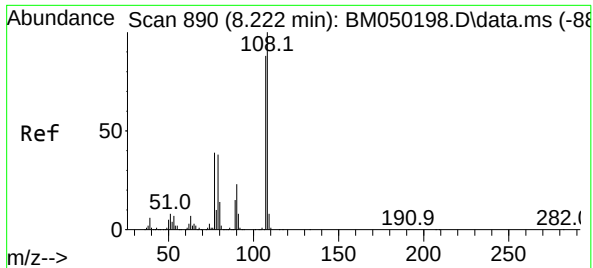


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.112 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



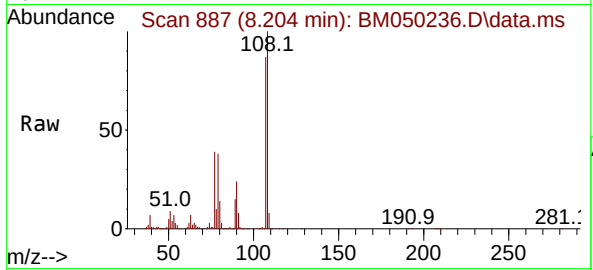
Tgt Ion: 45 Resp: 695784
Ion Ratio Lower Upper
45 100
77 27.0 8.7 48.7
79 20.5 2.7 42.7





#17
2-Methylphenol
Concen: 37.552 ng
RT: 8.204 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

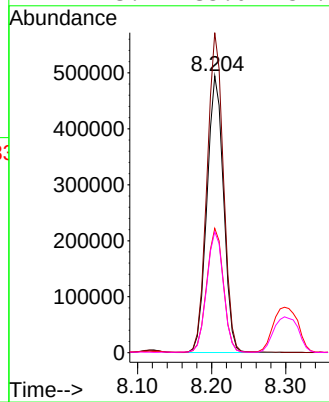
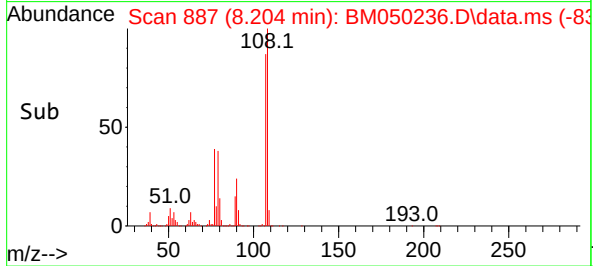
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 769192
Ion Ratio Lower Upper
107 100
108 115.6 90.8 136.2
77 44.9 35.7 53.5
79 43.7 35.0 52.4

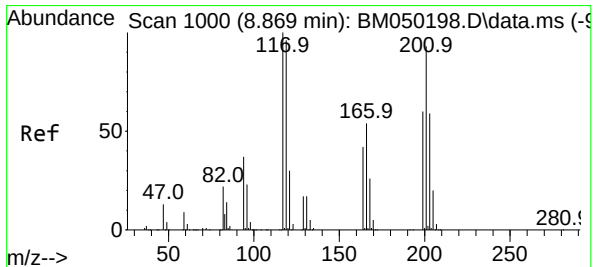
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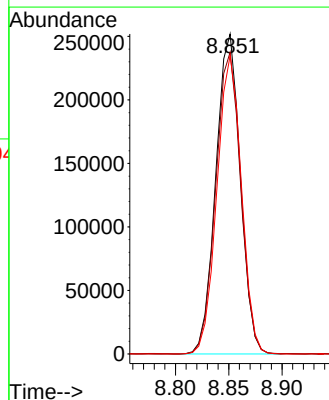
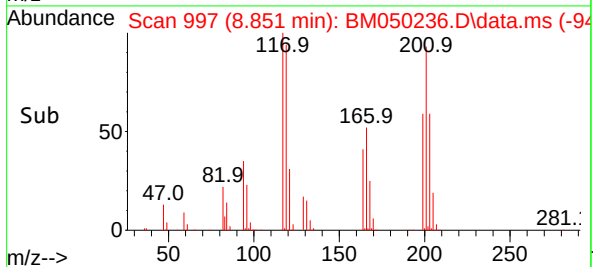
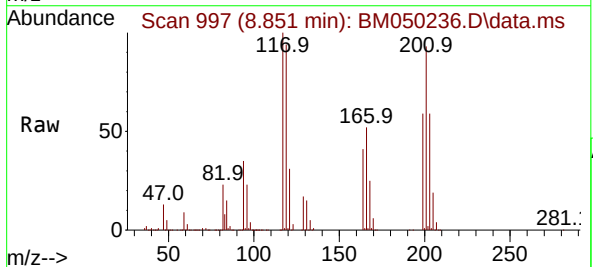
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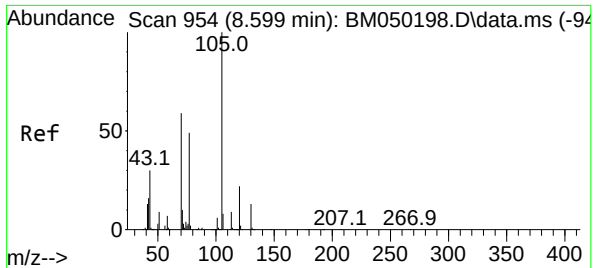
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#18
Hexachloroethane
Concen: 39.091 ng
RT: 8.851 min Scan# 997
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

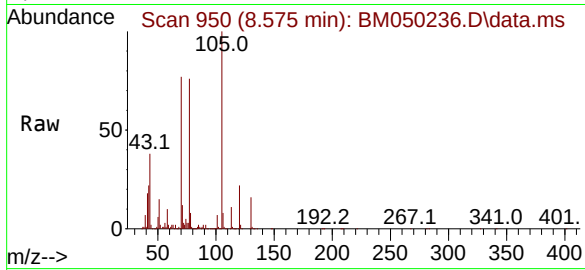
Tgt Ion:117 Resp: 403690
Ion Ratio Lower Upper
117 100
119 94.3 77.0 115.6
201 93.2 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.982 ng
RT: 8.575 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

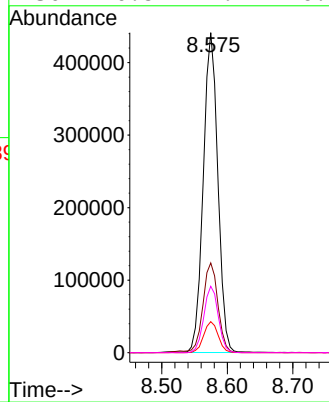
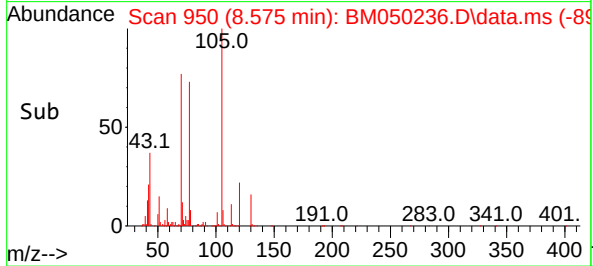
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 68196
Ion Ratio Lower Upper
70 100
42 28.0 22.6 33.8
101 9.7 8.3 12.5
130 20.8 17.4 26.2

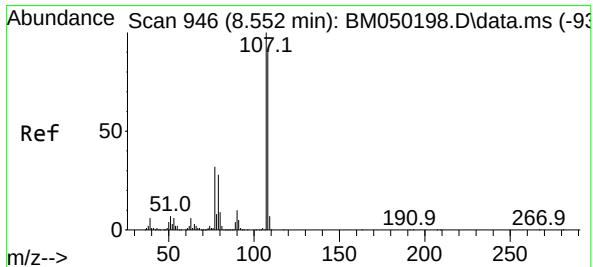
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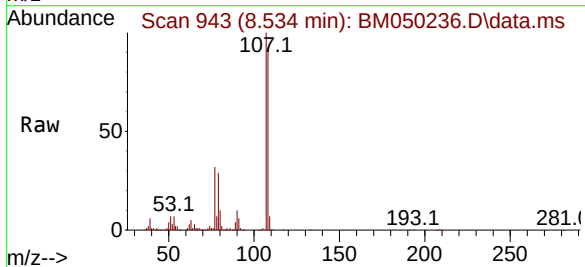


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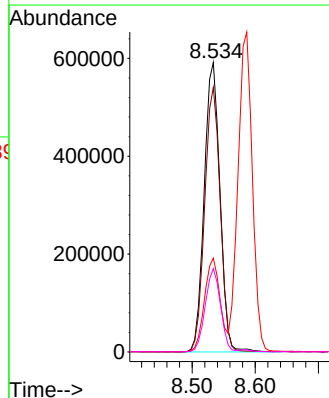
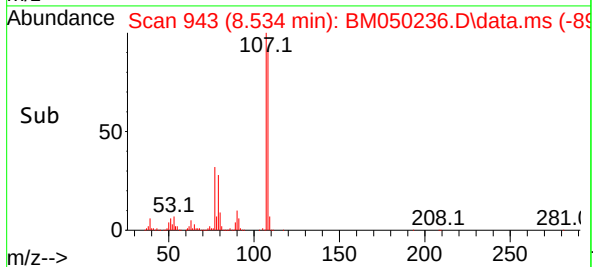
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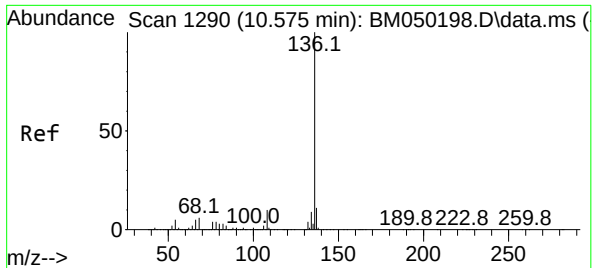


#20
3+4-Methylphenols
Concen: 37.404 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



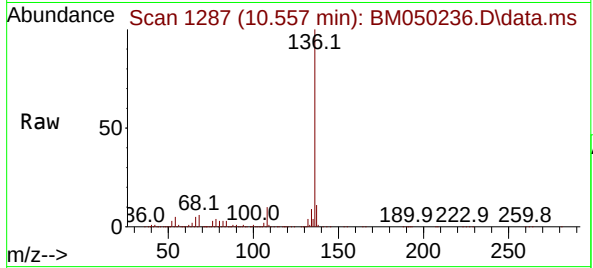
Tgt Ion:107 Resp: 1025040
Ion Ratio Lower Upper
107 100
108 91.4 70.4 110.4
77 32.5 12.2 52.2
79 28.8 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

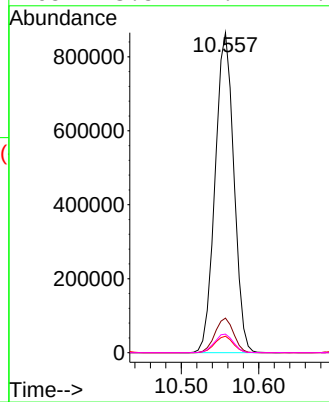
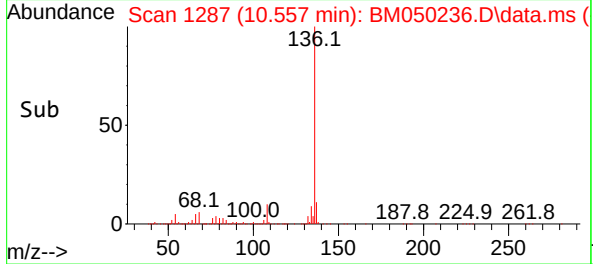
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 1449700
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 3.8 5.8
68 5.8 4.9 7.3

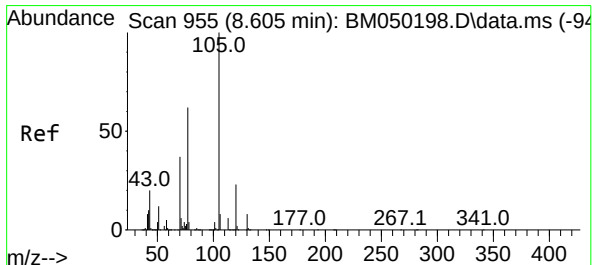
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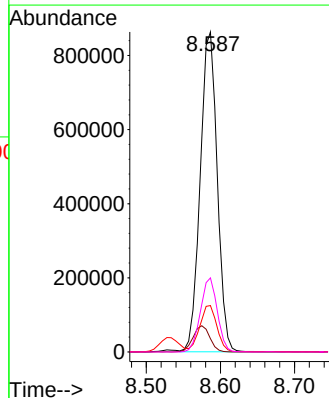
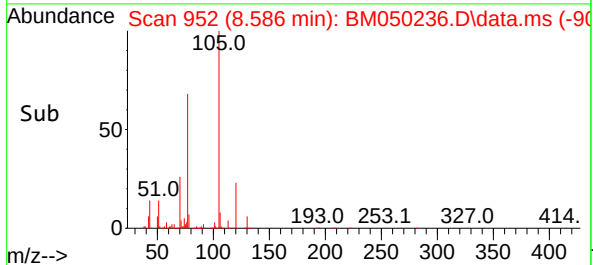
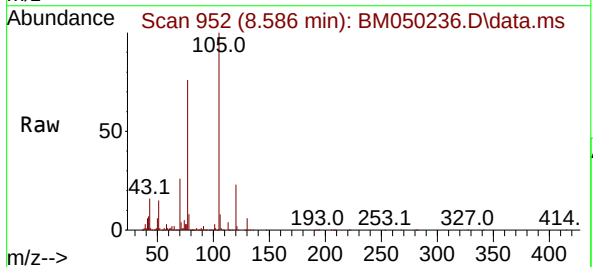
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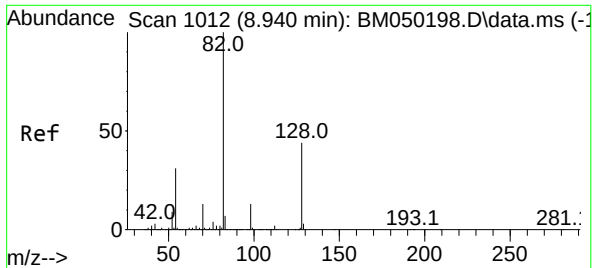
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#22
Acetophenone
Concen: 38.075 ng
RT: 8.586 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

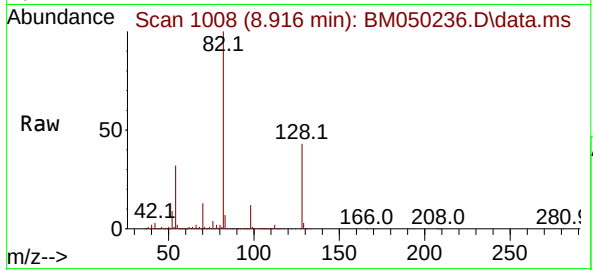
Tgt Ion:105 Resp: 1378997
Ion Ratio Lower Upper
105 100
71 4.1 5.0 7.4#
51 14.5 11.4 17.2
120 23.1 18.2 27.4





#23
Nitrobenzene-d5
Concen: 80.093 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

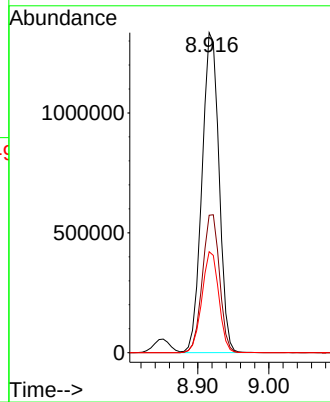
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 223256
Ion Ratio Lower Upper
82 100
128 43.0 35.2 52.8
54 31.6 24.5 36.7

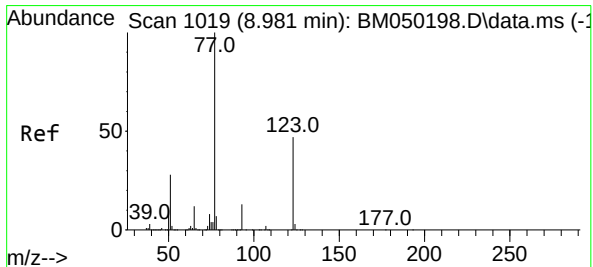
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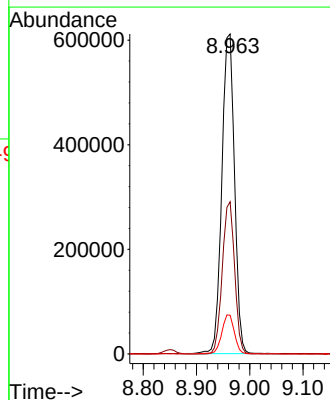
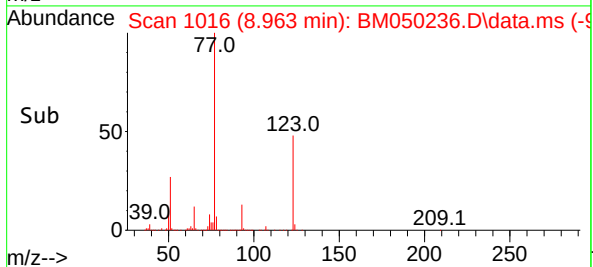
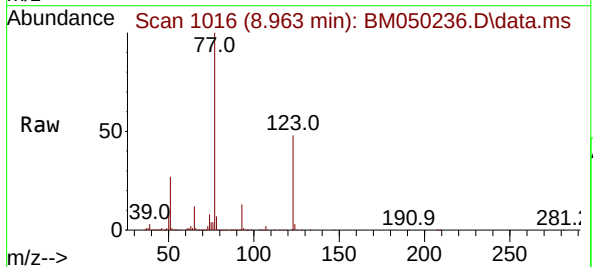
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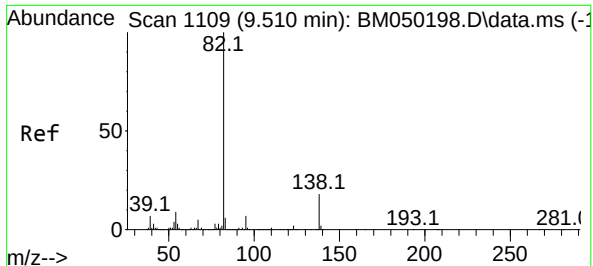
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#24
Nitrobenzene
Concen: 39.838 ng
RT: 8.963 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

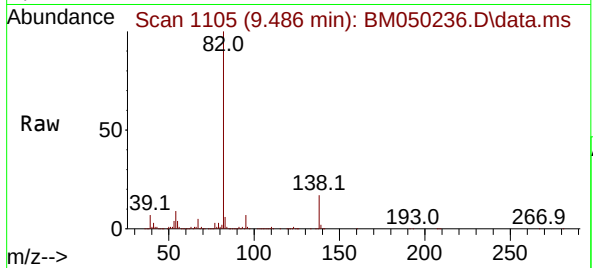
Tgt Ion: 77 Resp: 1009936
Ion Ratio Lower Upper
77 100
123 47.5 38.2 57.2
65 12.1 9.5 14.3





#25
Isophorone
Concen: 38.206 ng
RT: 9.486 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

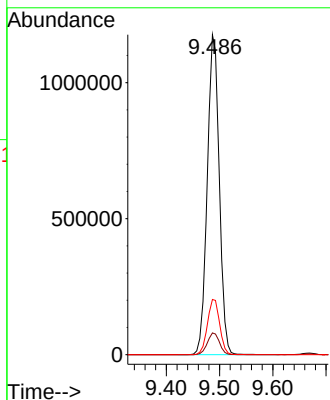
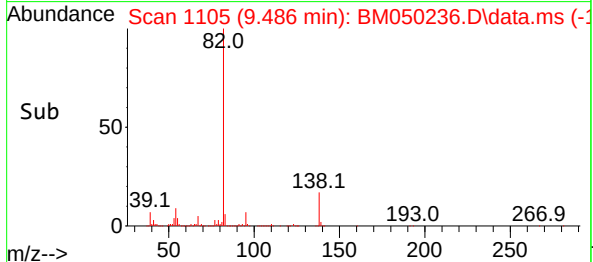
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 1838114
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.3 14.2 21.2

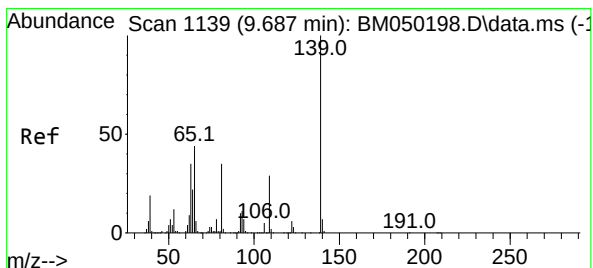
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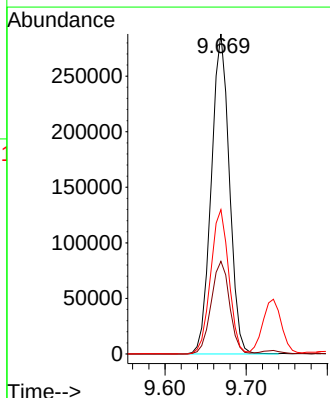
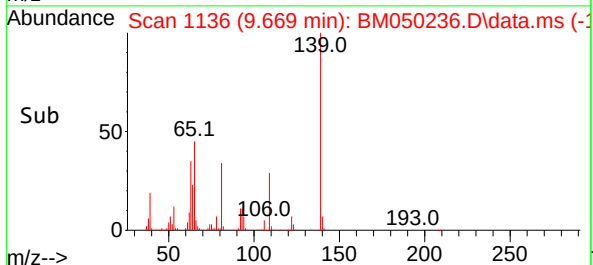
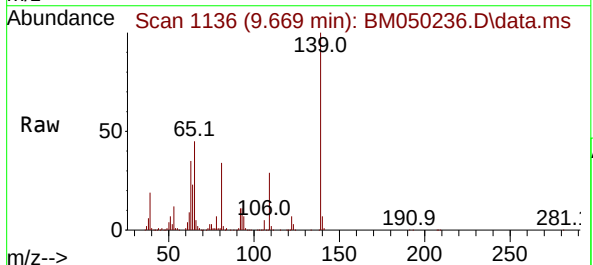
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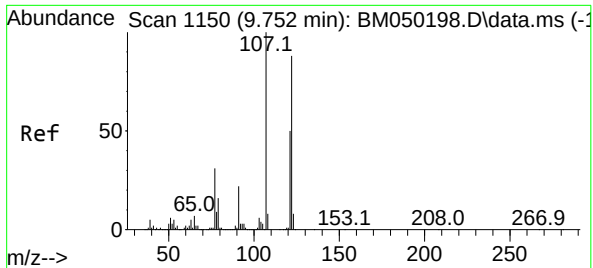
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#26
2-Nitrophenol
Concen: 40.658 ng
RT: 9.669 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

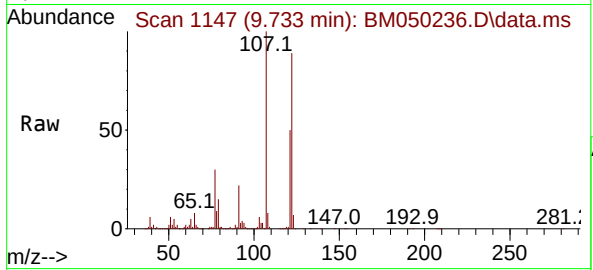
Tgt Ion:139 Resp: 444930
Ion Ratio Lower Upper
139 100
109 28.9 23.3 34.9
65 45.1 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 38.869 ng
RT: 9.733 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

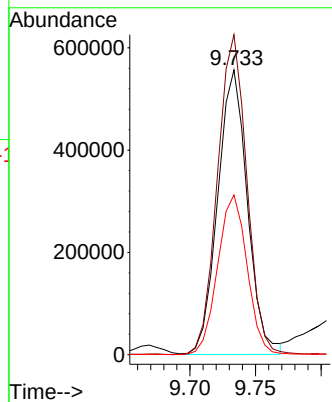
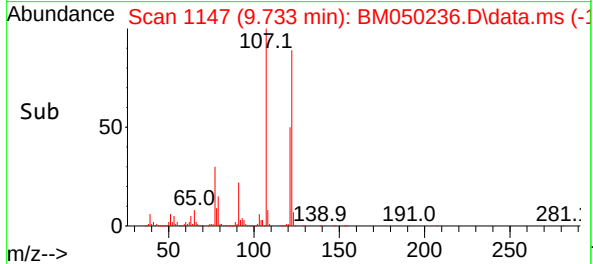
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:122 Resp: 87396
Ion Ratio Lower Upper
122 100
107 112.4 91.0 136.6
121 56.1 45.8 68.6

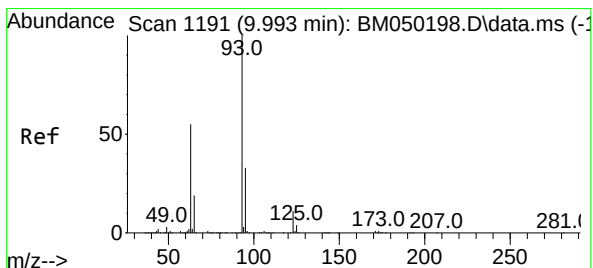
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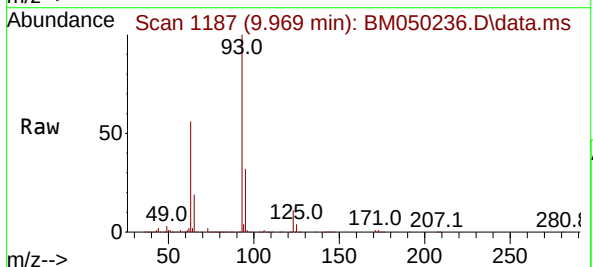


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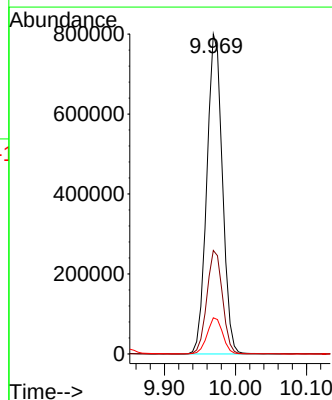
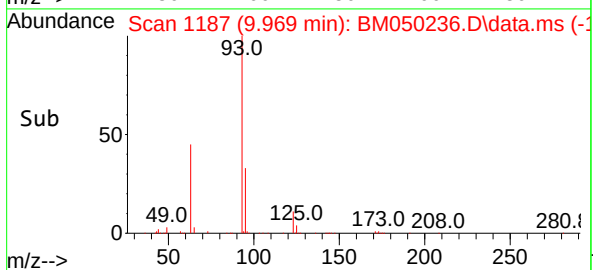
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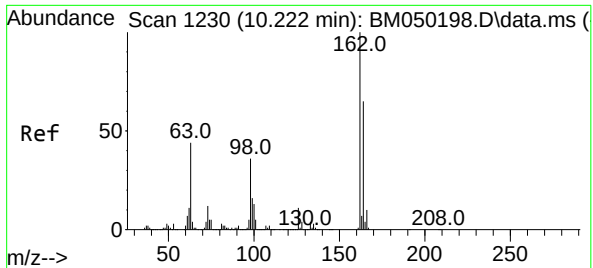


#28
bis(2-Chloroethoxy)methane
Concen: 38.882 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



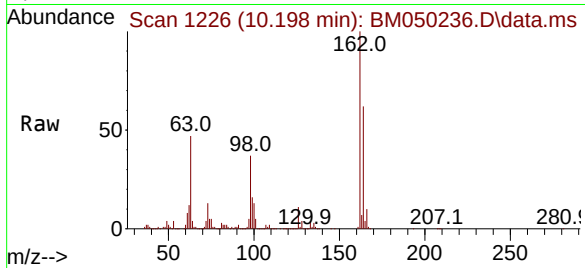
Tgt Ion: 93 Resp: 1222055
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.4
123 11.3 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 38.880 ng
RT: 10.198 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

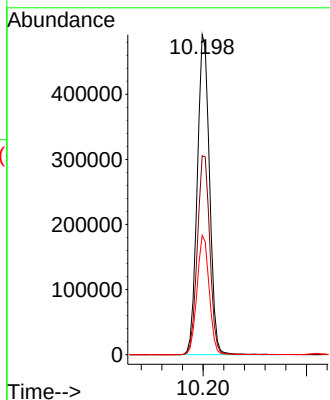
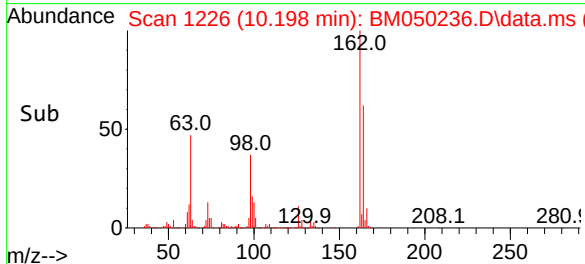
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 808970
Ion Ratio Lower Upper
162 100
164 62.2 45.0 85.0
98 37.3 16.3 56.3

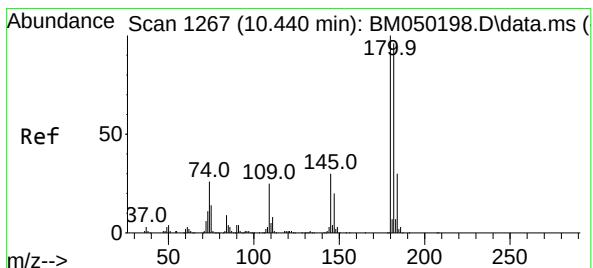
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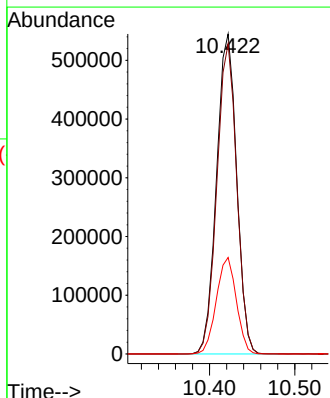
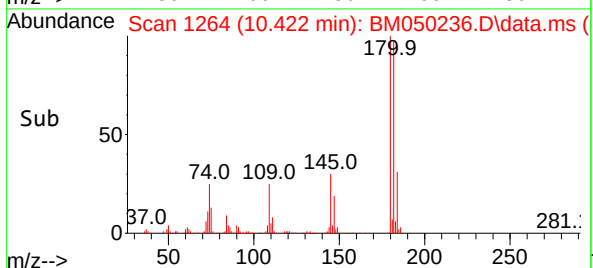
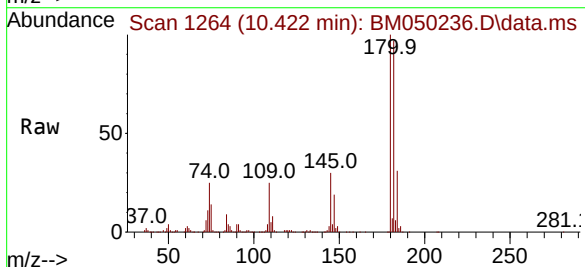
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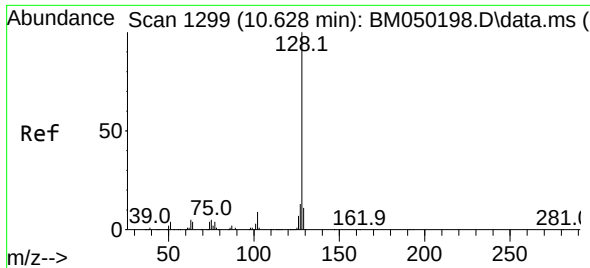
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#30
1,2,4-Trichlorobenzene
Concen: 38.520 ng
RT: 10.422 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

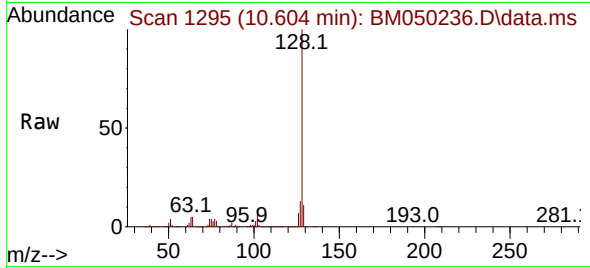
Tgt Ion:180 Resp: 891895
Ion Ratio Lower Upper
180 100
182 97.0 76.6 114.8
145 30.2 24.2 36.4





#31
Naphthalene
Concen: 37.647 ng
RT: 10.604 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

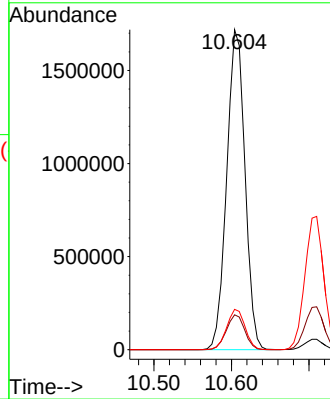
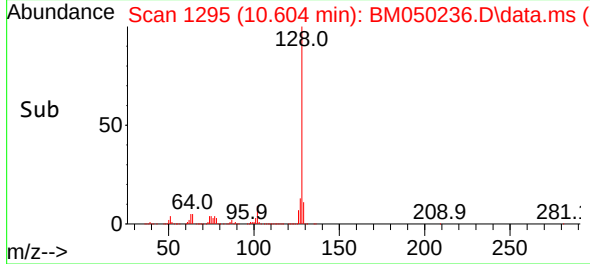
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 2821729
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.6 10.2 15.4

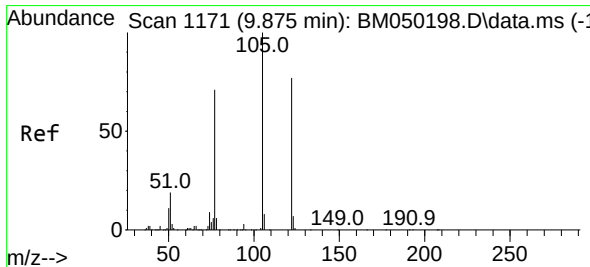
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Reviewed By :Rahul
Chavli



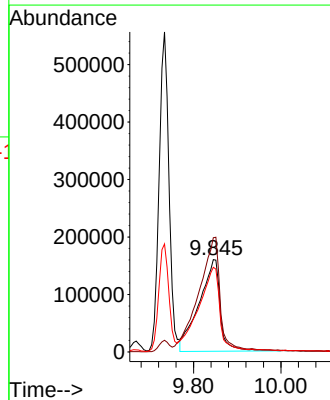
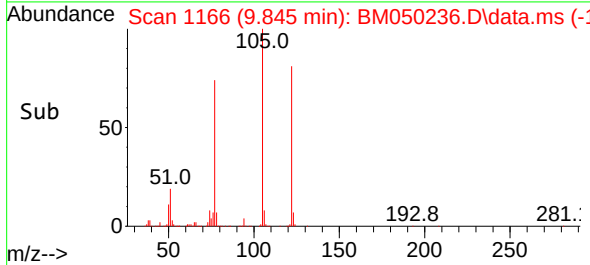
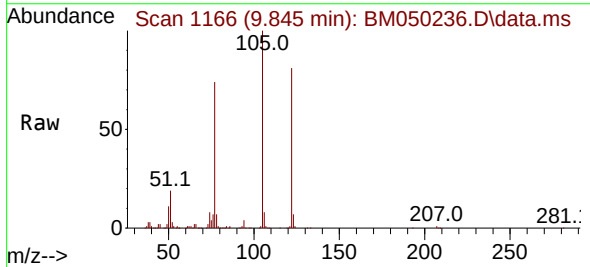
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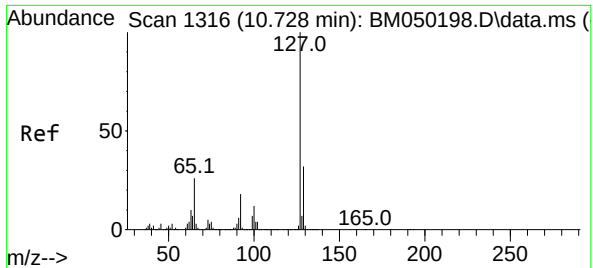
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#32
Benzoic acid
Concen: 38.054 ng
RT: 9.845 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

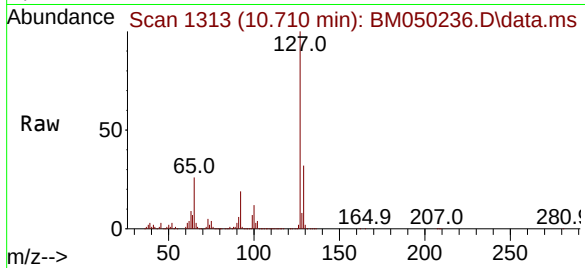
Tgt Ion:122 Resp: 537731
Ion Ratio Lower Upper
122 100
105 123.8 103.4 143.4
77 91.7 70.3 110.3





#33
4-Chloroaniline
Concen: 38.011 ng
RT: 10.710 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

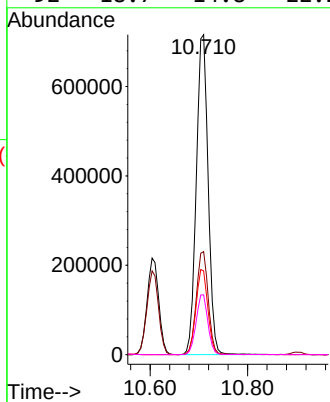
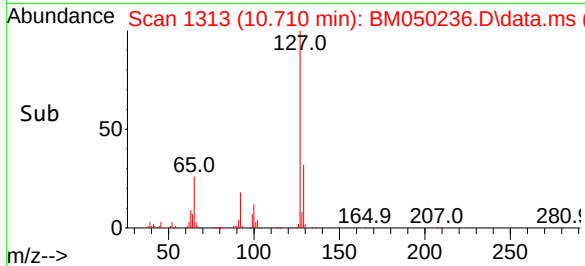
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 1214638
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.0
65 26.2 21.0 31.4
92 18.7 14.8 22.2

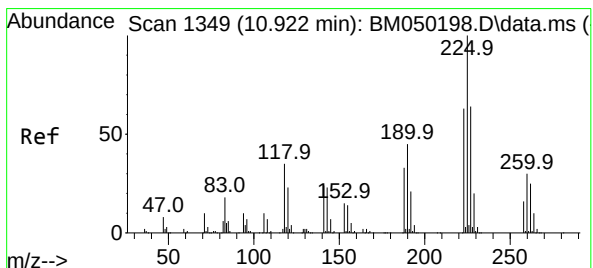
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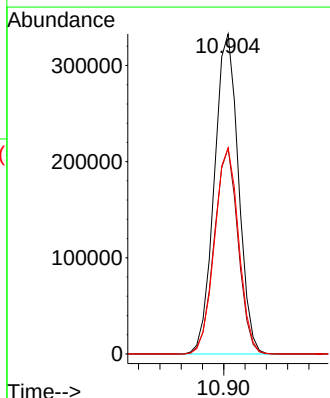
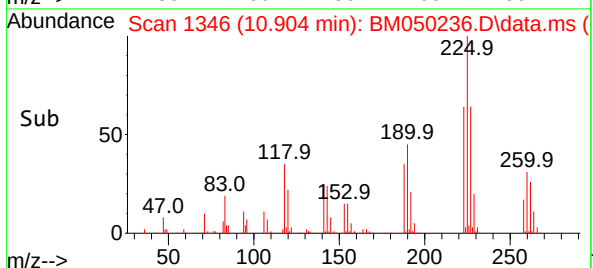
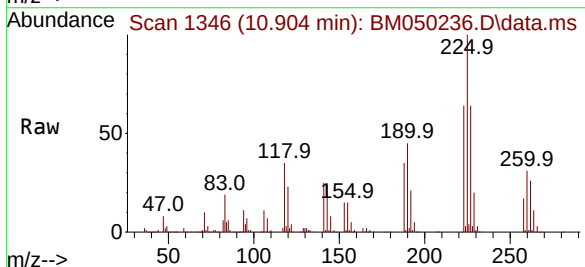
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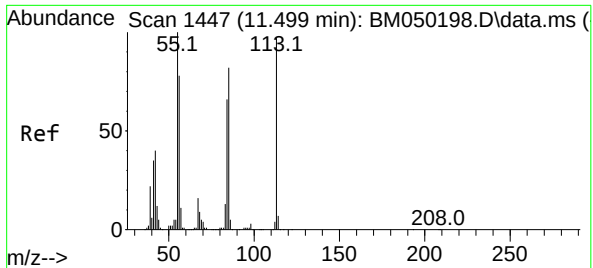
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#34
Hexachlorobutadiene
Concen: 37.914 ng
RT: 10.904 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

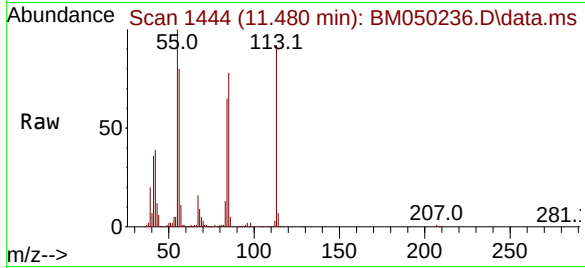
Tgt Ion:225 Resp: 522170
Ion Ratio Lower Upper
225 100
223 64.3 50.2 75.2
227 64.3 51.0 76.4





#35
Caprolactam
Concen: 37.893 ng
RT: 11.480 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

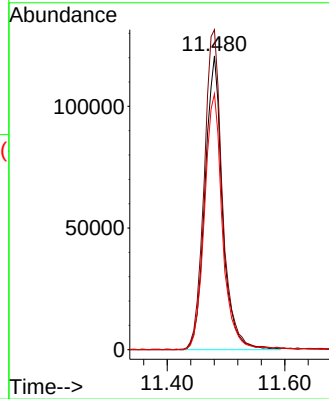
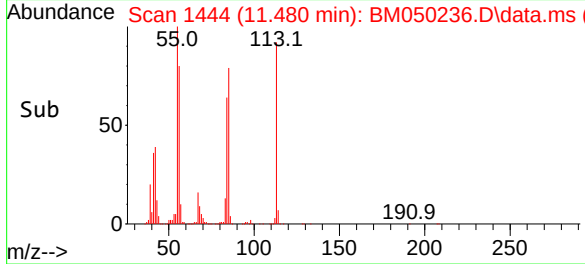
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 24996
Ion Ratio Lower Upper
113 100
55 109.0 83.5 123.5
56 87.1 60.6 100.6

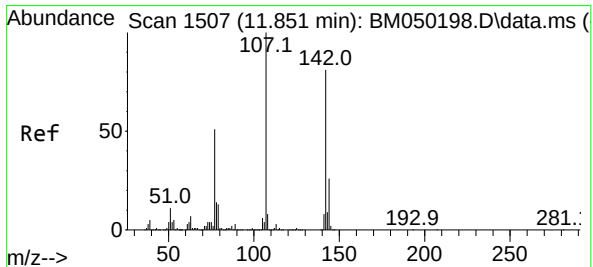
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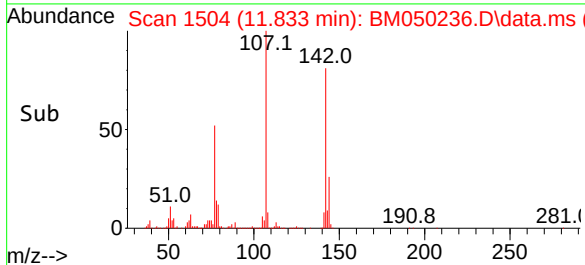
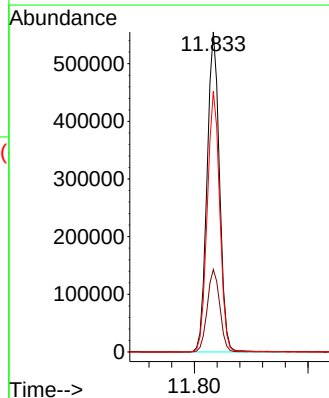
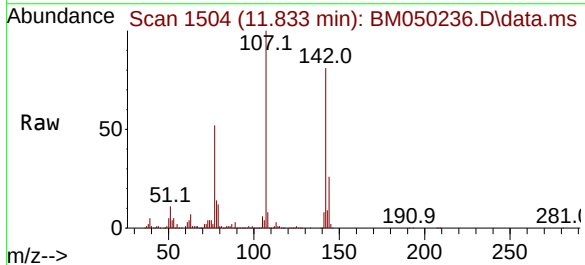
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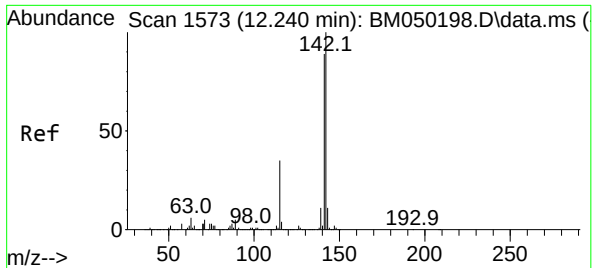
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#36
4-Chloro-3-methylphenol
Concen: 37.781 ng
RT: 11.833 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

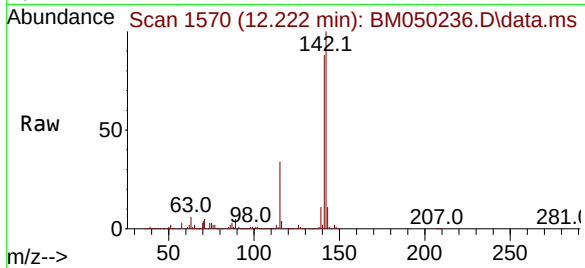
Tgt Ion:107 Resp: 838825
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 81.4 64.8 97.2





#37
2-Methylnaphthalene
Concen: 37.629 ng
RT: 12.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

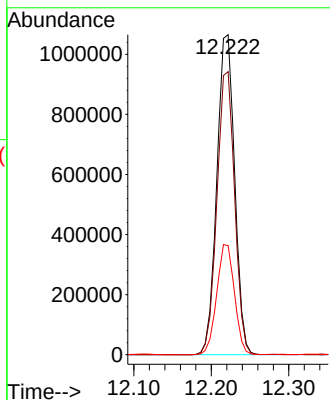
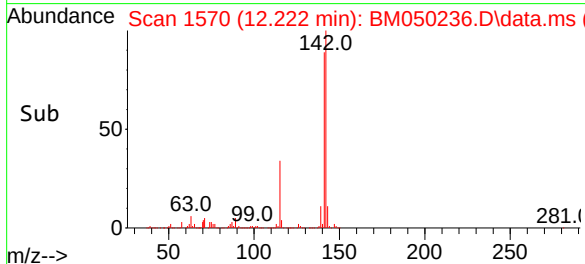
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 1701475
Ion Ratio Lower Upper
142 100
141 88.4 71.5 107.3
115 34.1 27.8 41.8

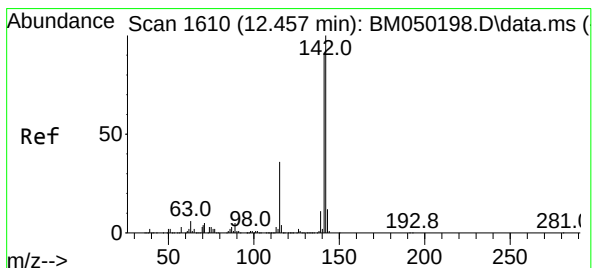
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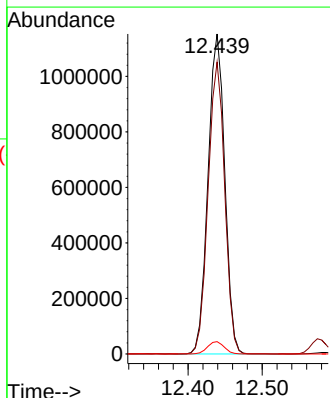
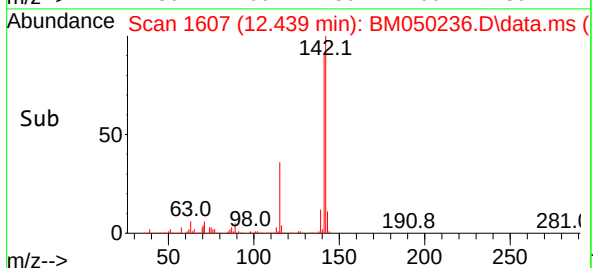
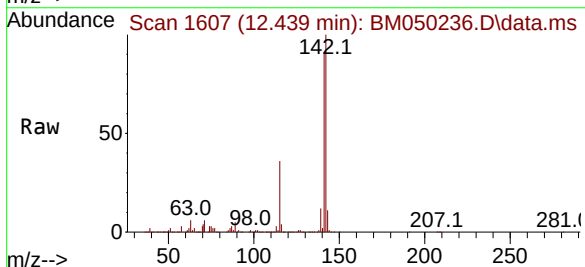
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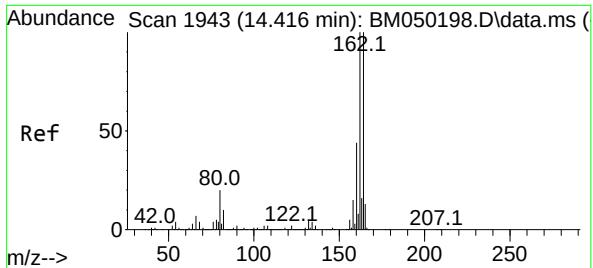
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#38
1-Methylnaphthalene
Concen: 37.628 ng
RT: 12.439 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

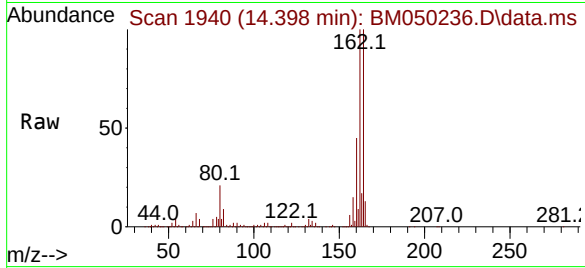
Tgt Ion:142 Resp: 1805855
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

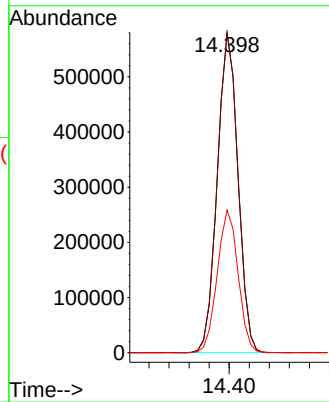
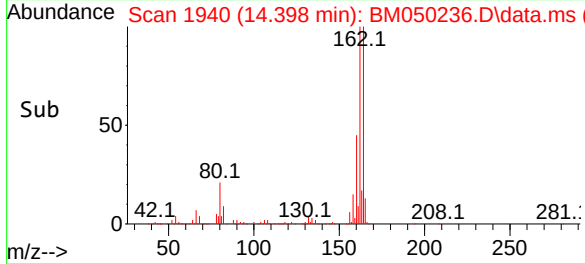
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:164 Resp: 826607
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.4
160 44.7 35.7 53.5

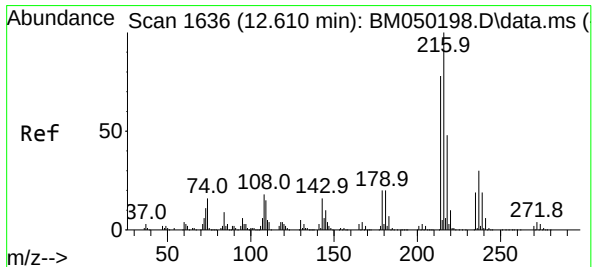
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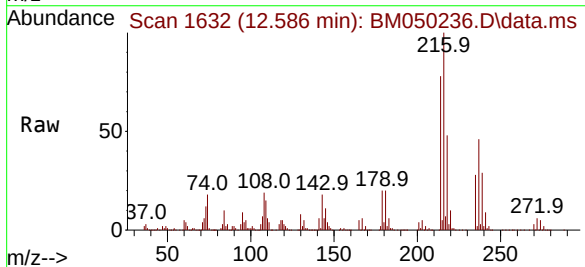


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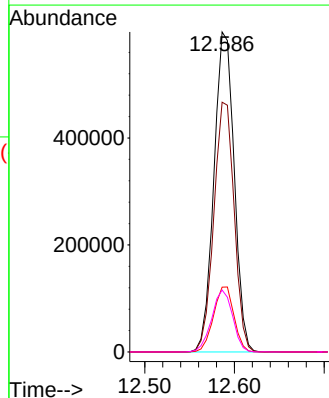
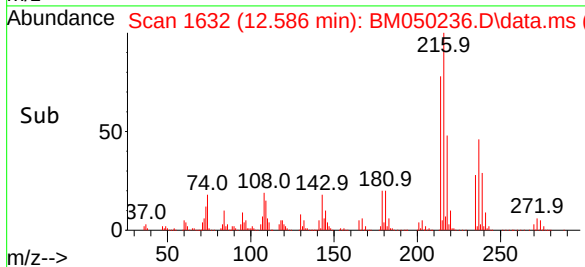
06/10/2025

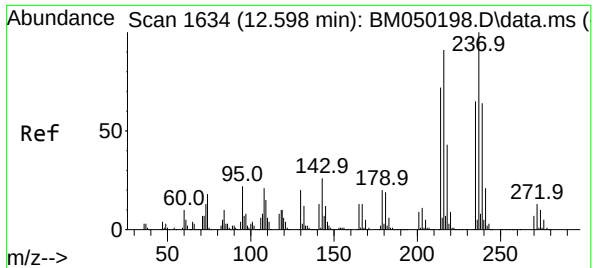


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.345 ng
RT: 12.586 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



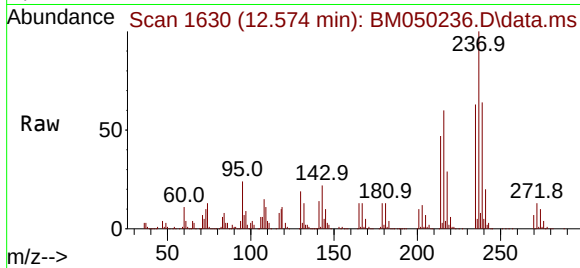
Tgt Ion:216 Resp: 939136
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 20.5 16.6 25.0
108 19.9 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 40.755 ng
RT: 12.574 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

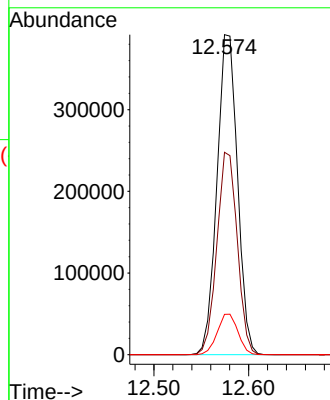
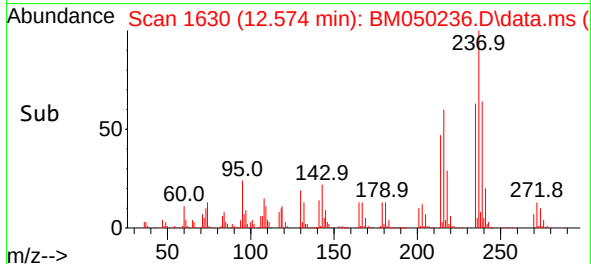
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:237 Resp: 590782
Ion Ratio Lower Upper
237 100
235 63.2 44.6 84.6
272 12.6 0.0 33.1

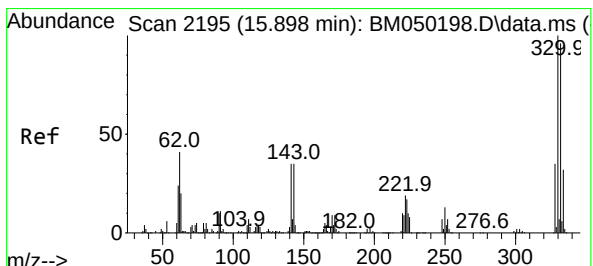
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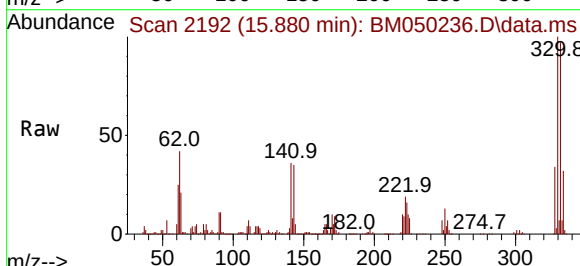


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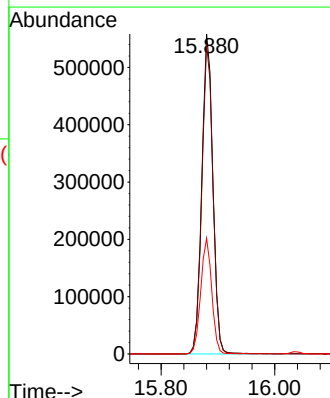
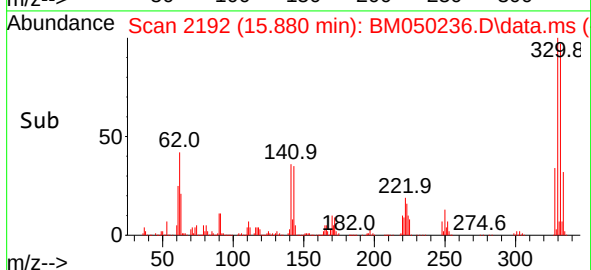
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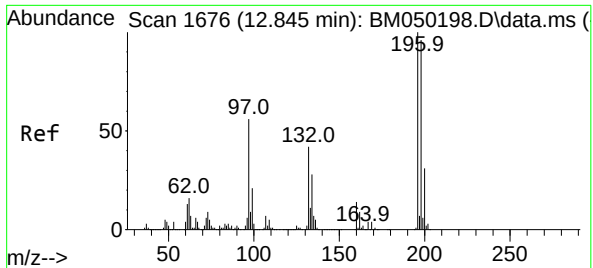


#42
2,4,6-Tribromophenol
Concen: 80.150 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



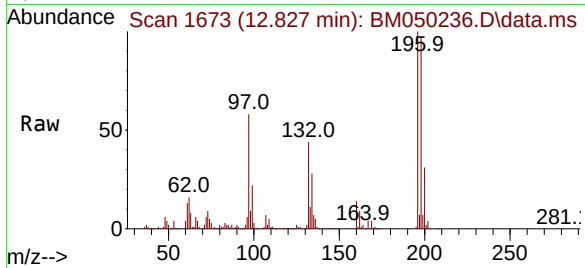
Tgt Ion:330 Resp: 753572
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 36.2 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 39.226 ng
RT: 12.827 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

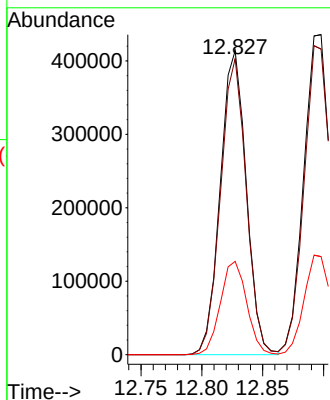
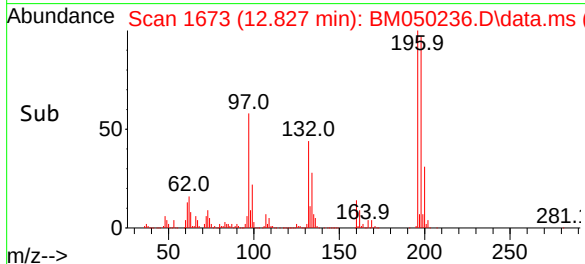
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 615720
Ion Ratio Lower Upper
196 100
198 97.3 76.6 115.0
200 30.7 24.5 36.7

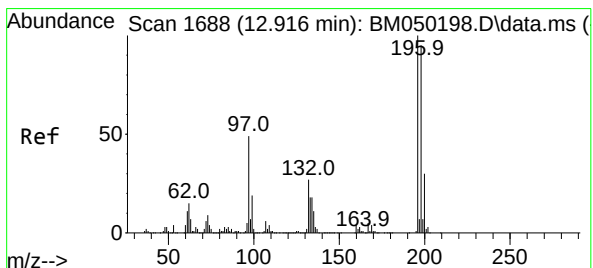
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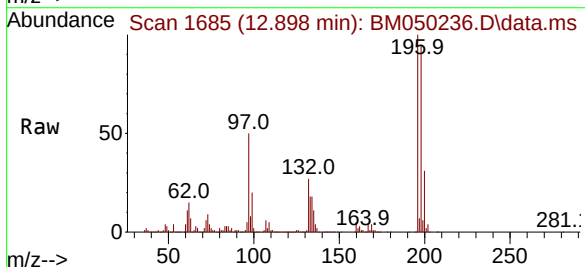


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Upadhyay

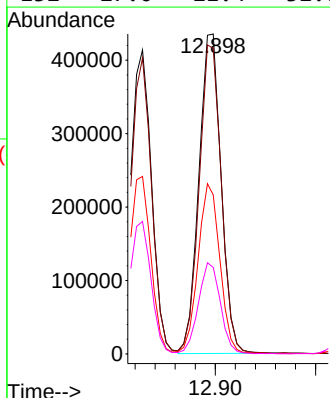
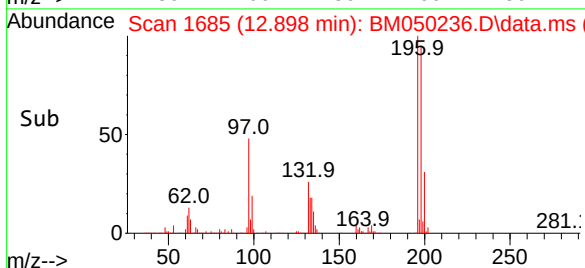
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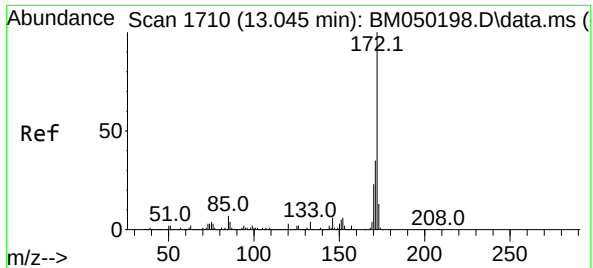


#44
2,4,5-Trichlorophenol
Concen: 39.043 ng
RT: 12.898 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



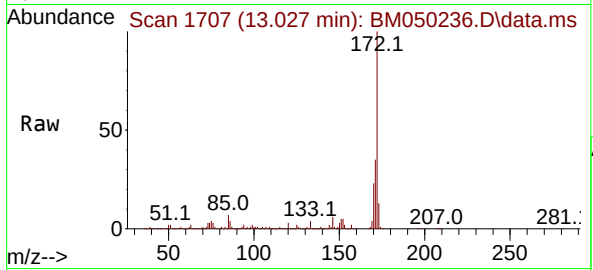
Tgt Ion:196 Resp: 672862
Ion Ratio Lower Upper
196 100
198 95.5 76.1 114.1
97 49.7 39.3 58.9
132 27.0 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 77.105 ng
RT: 13.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

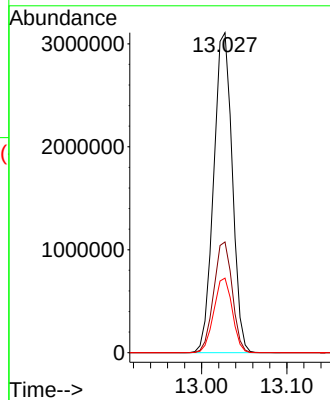
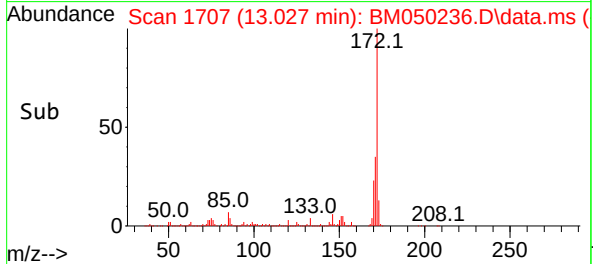
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:172 Resp: 470771
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.3 18.6 27.8

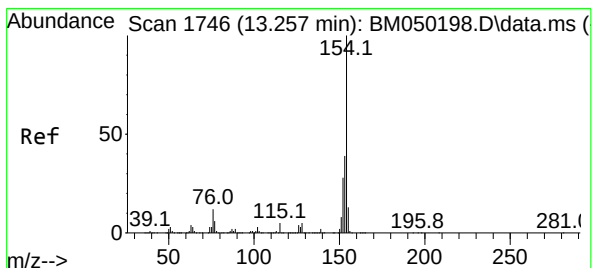
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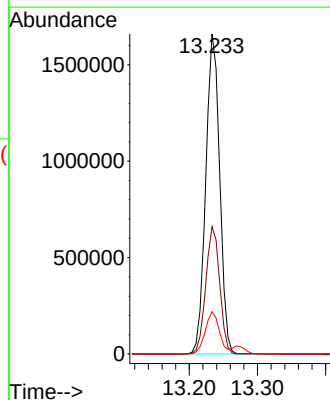
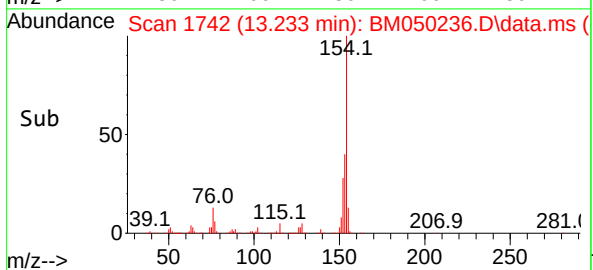
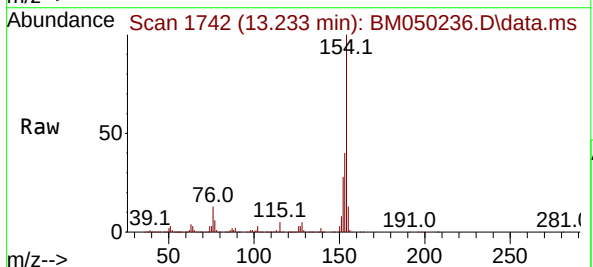
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Supervised By :Jagrut
Upadhyay

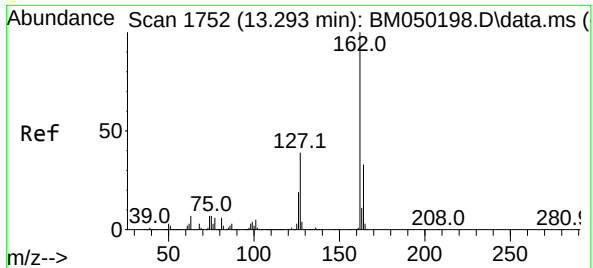
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#46
1,1'-Biphenyl
Concen: 38.064 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

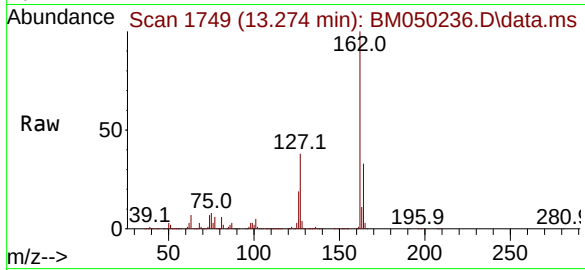
Tgt Ion:154 Resp: 2356010
Ion Ratio Lower Upper
154 100
153 39.8 19.2 59.2
76 13.2 0.0 32.0





#47
2-Chloronaphthalene
Concen: 38.093 ng
RT: 13.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

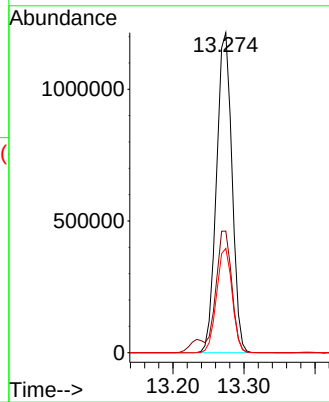
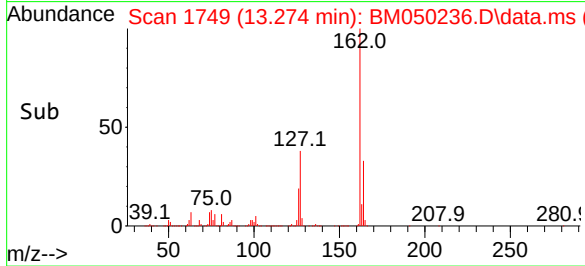
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 183304
Ion Ratio Lower Upper
162 100
127 38.0 31.1 46.7
164 32.6 26.5 39.7

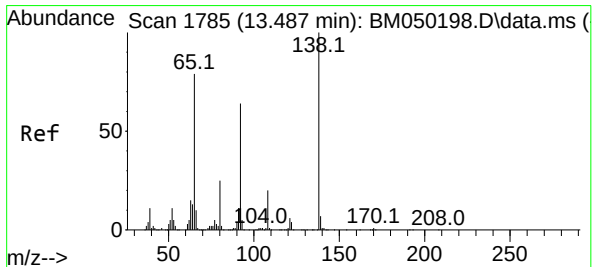
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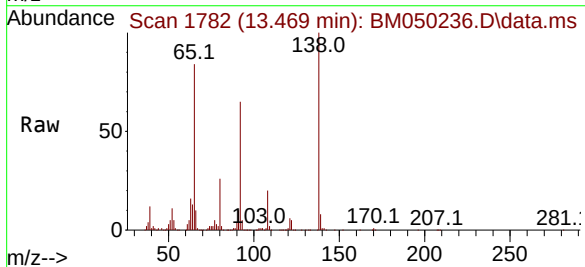


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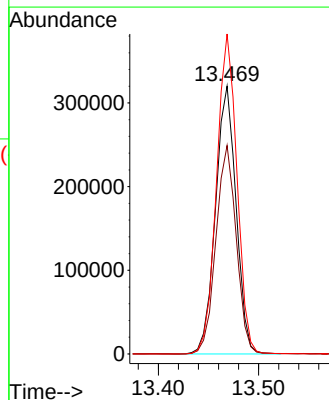
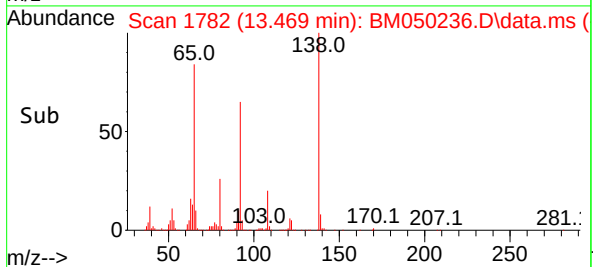
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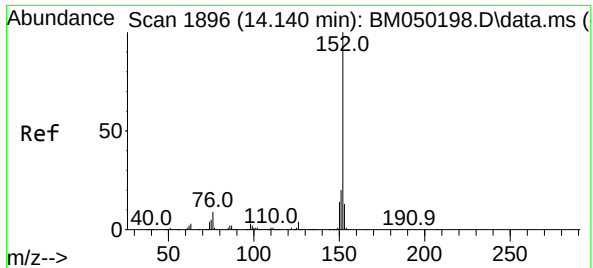


#48
2-Nitroaniline
Concen: 43.114 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



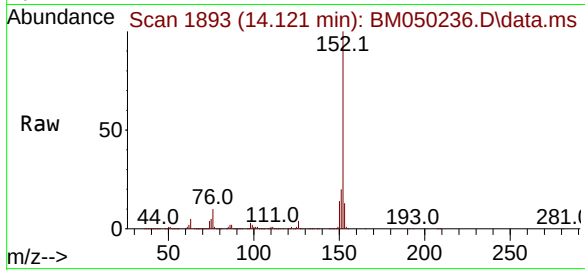
Tgt Ion: 65 Resp: 456554
Ion Ratio Lower Upper
65 100
92 77.9 64.2 96.4
138 119.5 101.0 151.4





#49
Acenaphthylene
Concen: 38.476 ng
RT: 14.121 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

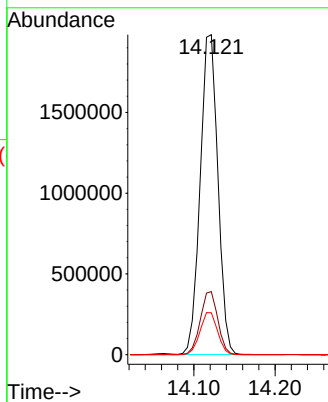
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 2994584
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.1 10.4 15.6

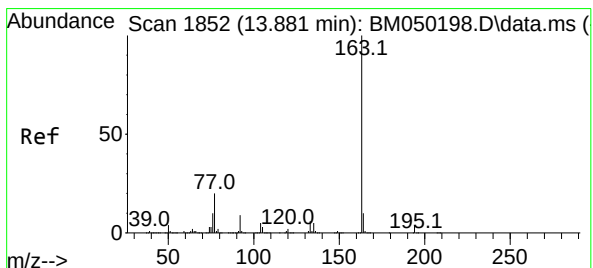
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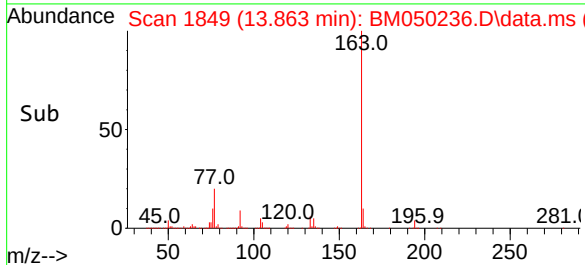
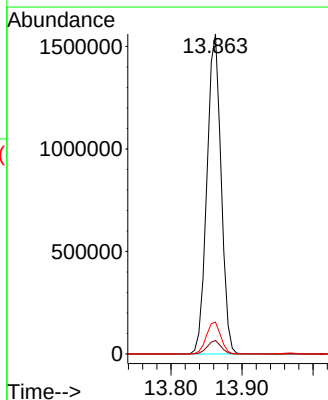
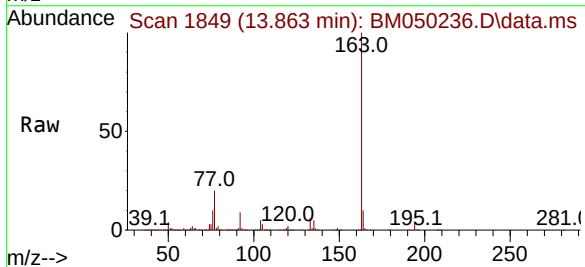
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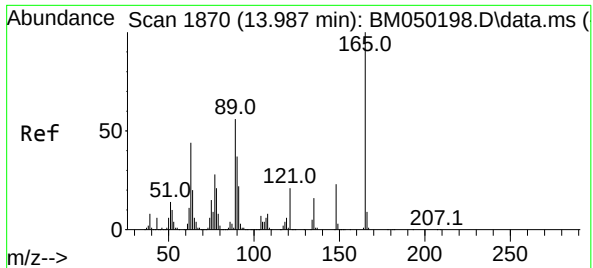
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#50
Dimethylphthalate
Concen: 38.688 ng
RT: 13.863 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

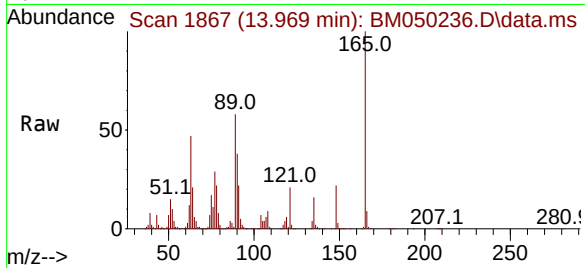
Tgt Ion:163 Resp: 2162802
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 40.847 ng
RT: 13.969 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

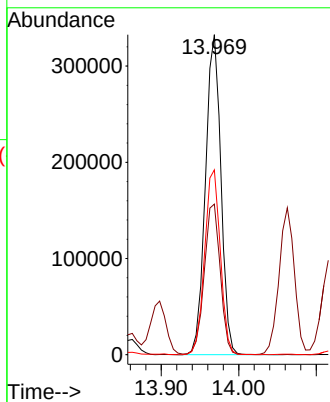
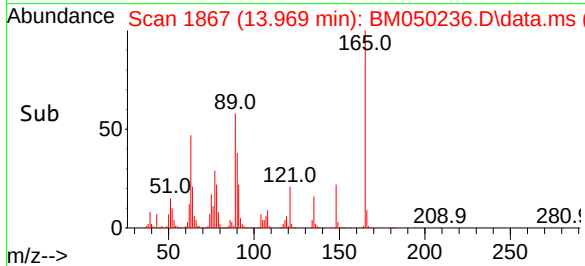
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 460508
Ion Ratio Lower Upper
165 100
63 47.1 35.8 53.6
89 57.7 44.8 67.2

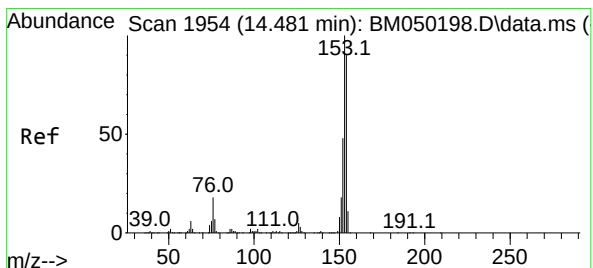
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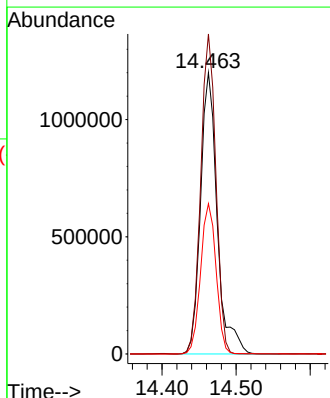
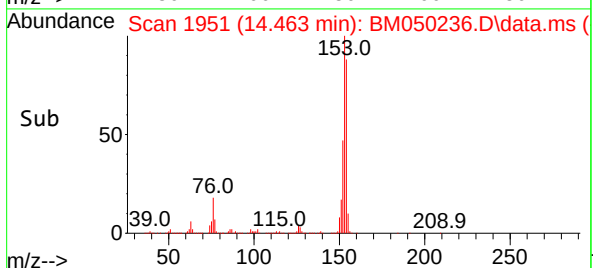
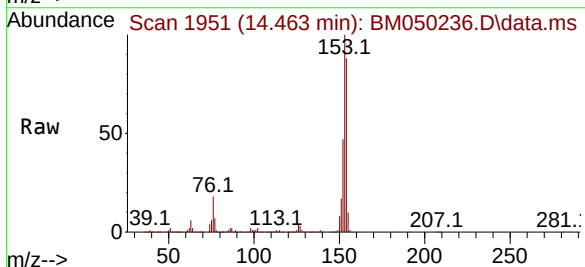
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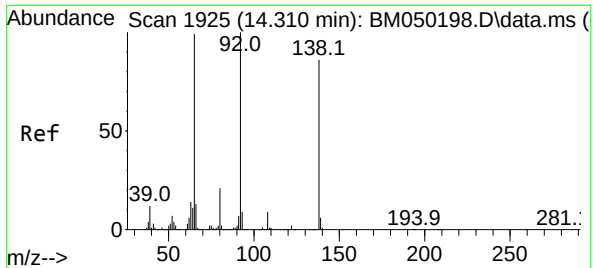
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#52
Acenaphthene
Concen: 38.468 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

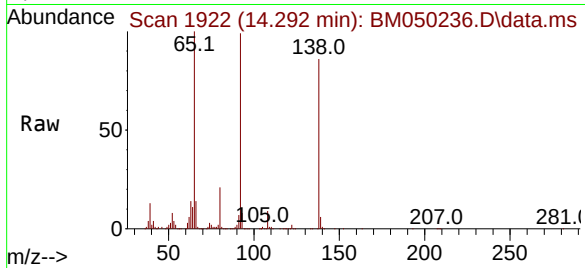
Tgt Ion:154 Resp: 1872700
Ion Ratio Lower Upper
154 100
153 113.7 88.7 133.1
152 53.4 42.6 63.8





#53
3-Nitroaniline
Concen: 41.611 ng
RT: 14.292 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

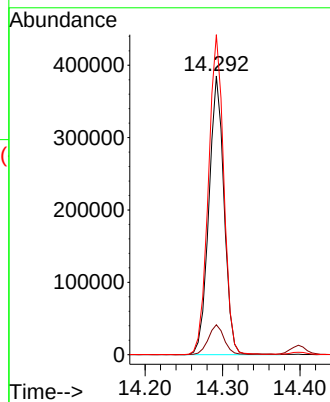
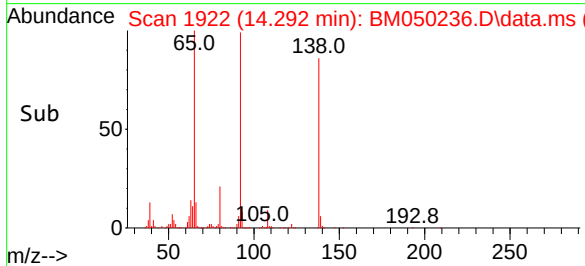
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 522835
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 114.8 92.9 139.3

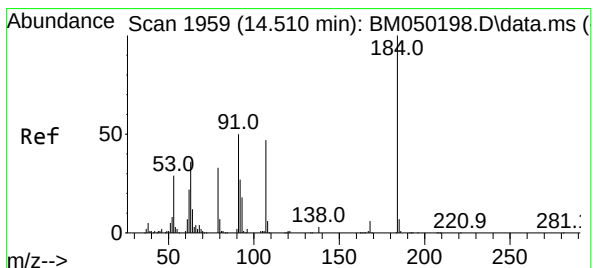
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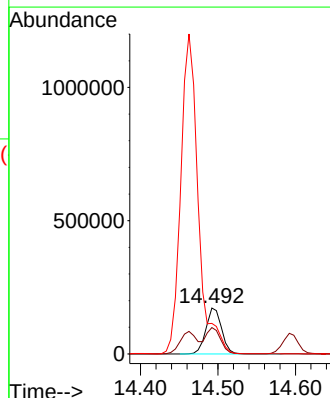
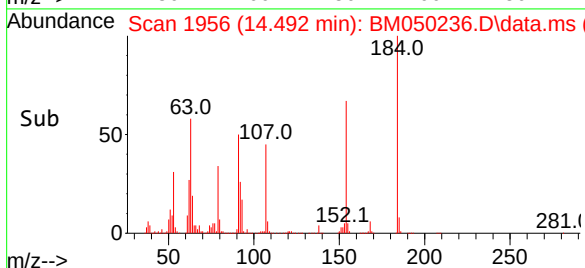
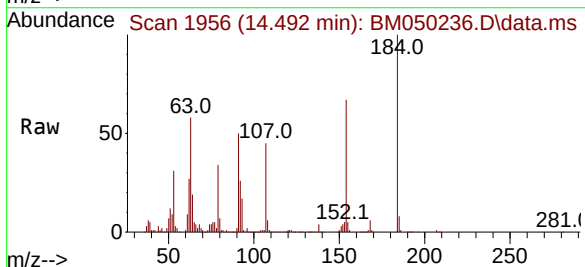
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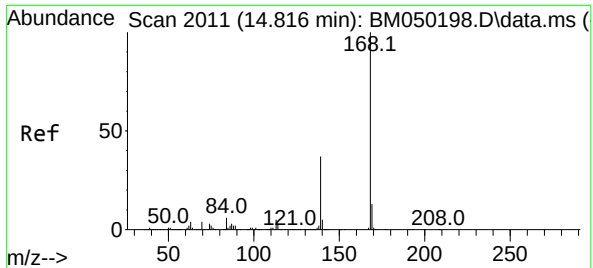
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#54
2,4-Dinitrophenol
Concen: 36.269 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

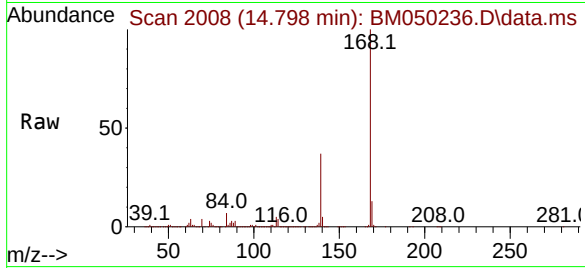
Tgt Ion:184 Resp: 241742
Ion Ratio Lower Upper
184 100
63 57.7 45.3 67.9
154 66.5 54.3 81.5





#55
Dibenzenofuran
Concen: 38.195 ng
RT: 14.798 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

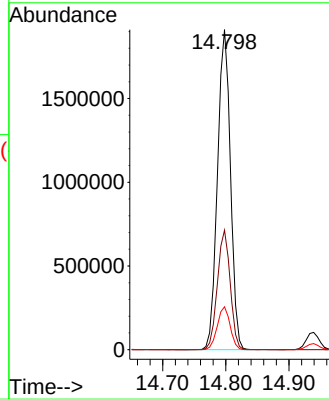
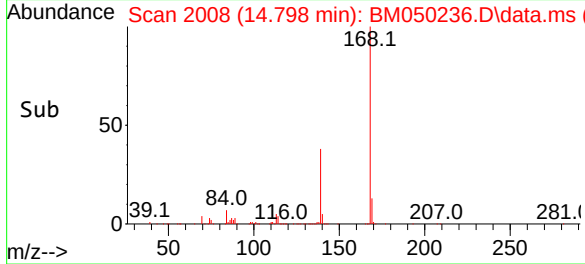
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 272025
Ion Ratio Lower Upper
168 100
139 37.3 29.9 44.9
169 13.4 10.6 16.0

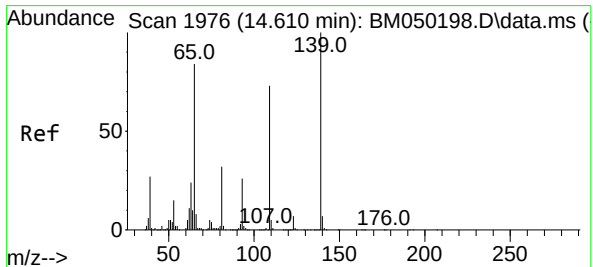
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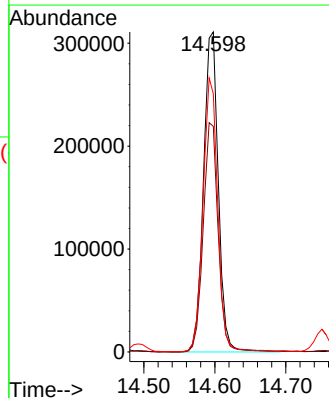
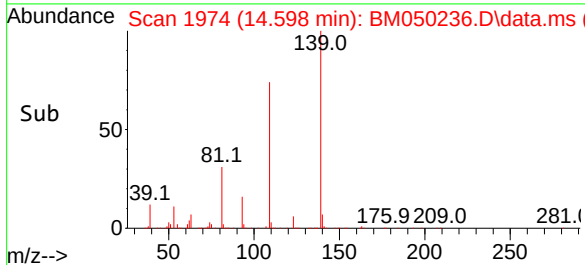
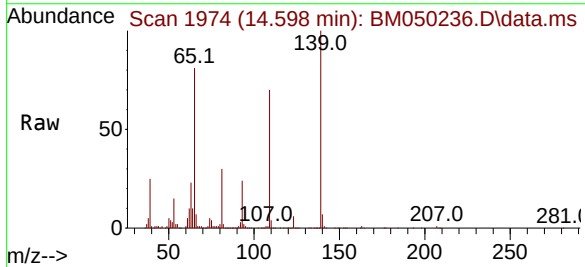
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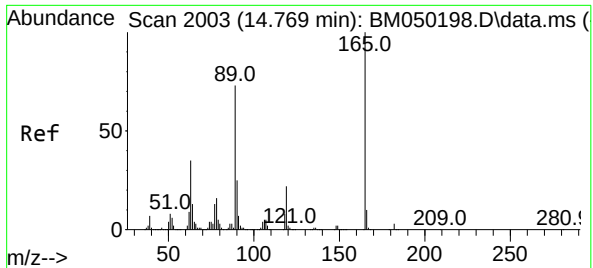
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#56
4-Nitrophenol
Concen: 42.223 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

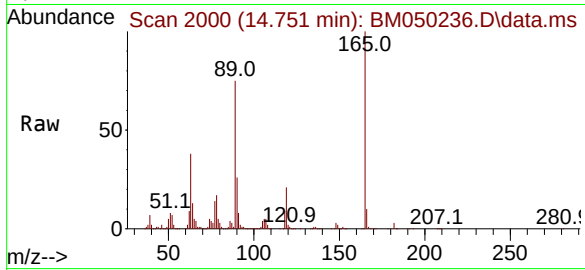
Tgt Ion:139 Resp: 451544
Ion Ratio Lower Upper
139 100
109 70.5 52.6 92.6
65 80.7 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 41.751 ng
RT: 14.751 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

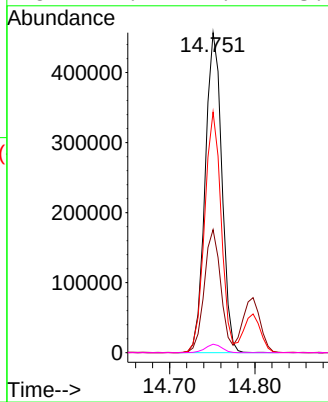
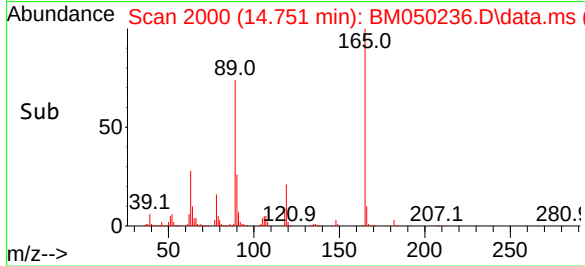
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 62091
Ion Ratio Lower Upper
165 100
63 38.4 28.4 42.6
89 75.2 58.0 87.0
182 2.7 2.2 3.2

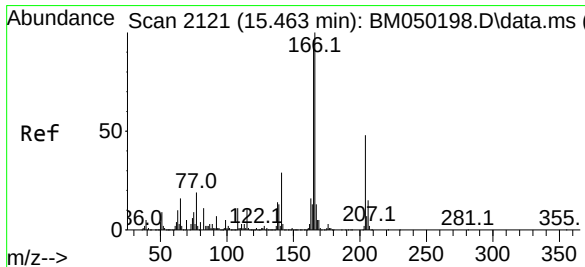
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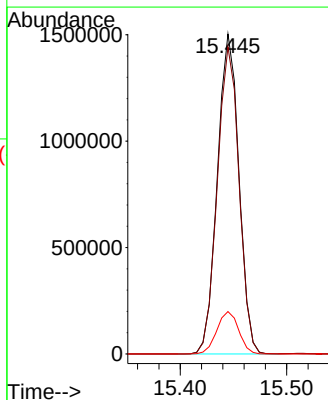
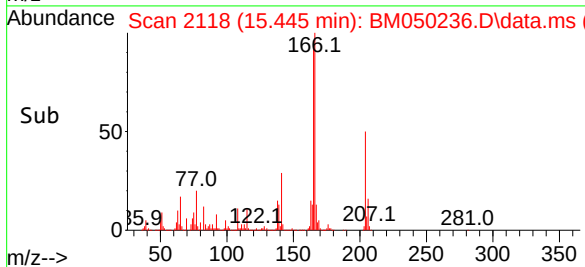
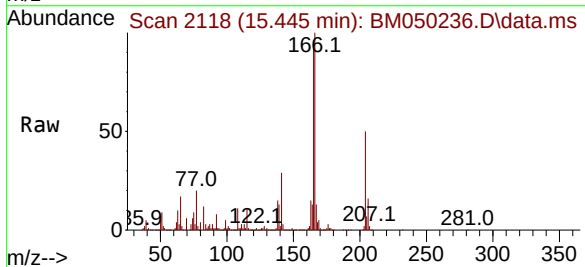
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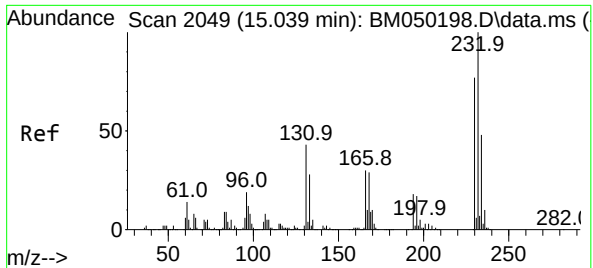
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#58
Fluorene
Concen: 38.689 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

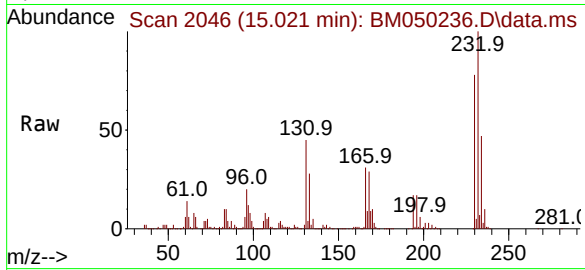
Tgt Ion:166 Resp: 2110437
Ion Ratio Lower Upper
166 100
165 95.9 77.0 115.4
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.647 ng m
RT: 15.021 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

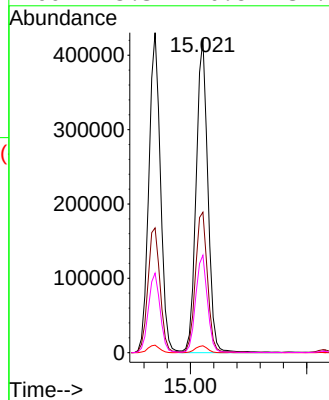
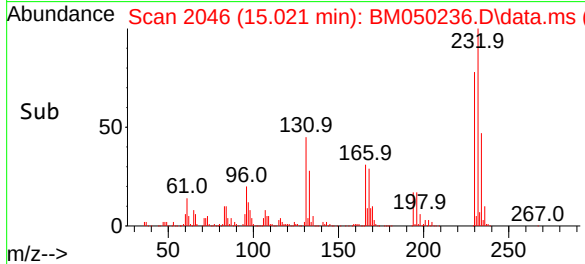
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 591170
Ion Ratio Lower Upper
232 100
131 41.1 32.9 49.3
130 2.4 1.8 2.8
166 25.3 20.8 31.2

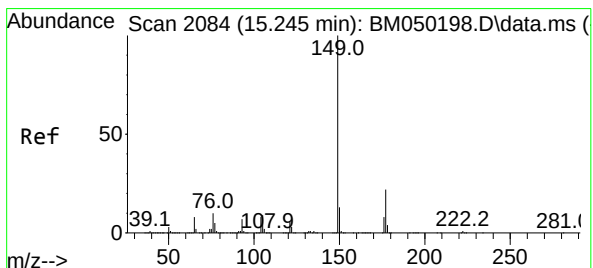
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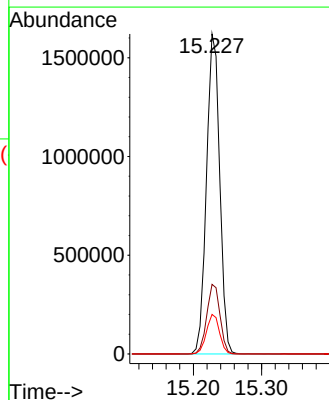
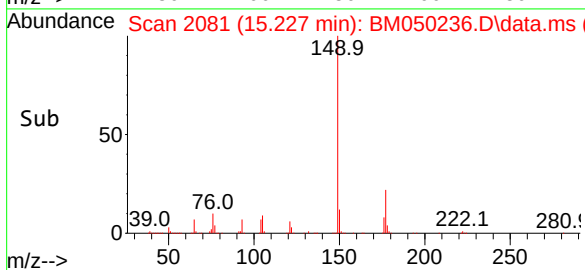
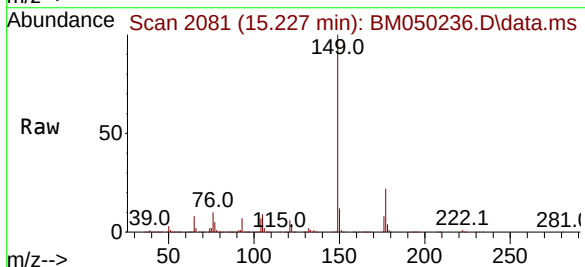
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Supervised By :Jagrut
Upadhyay

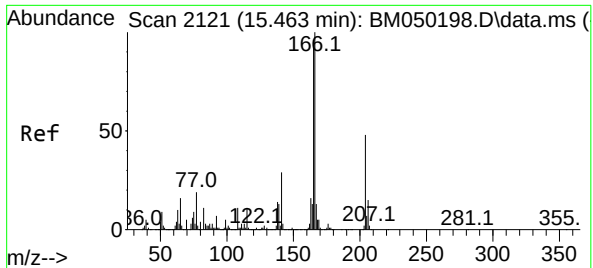
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#60
Diethylphthalate
Concen: 39.358 ng
RT: 15.227 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

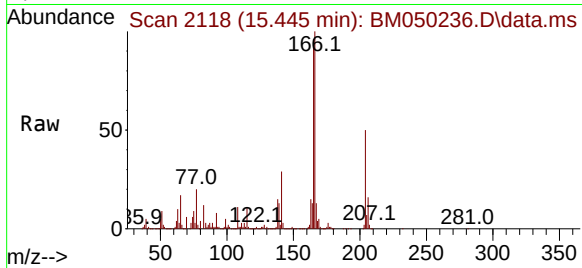
Tgt Ion:149 Resp: 2183090
Ion Ratio Lower Upper
149 100
177 21.7 17.2 25.8
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.359 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

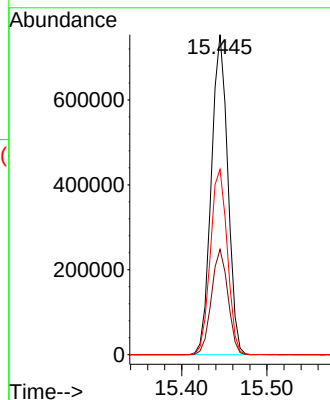
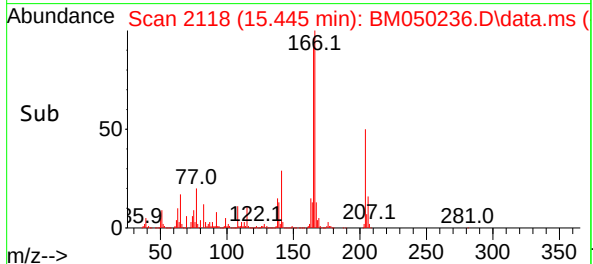
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 1011298
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 57.9 47.9 71.9

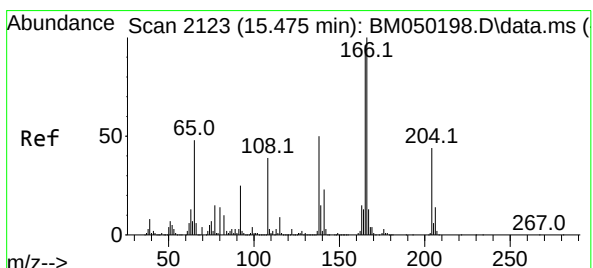
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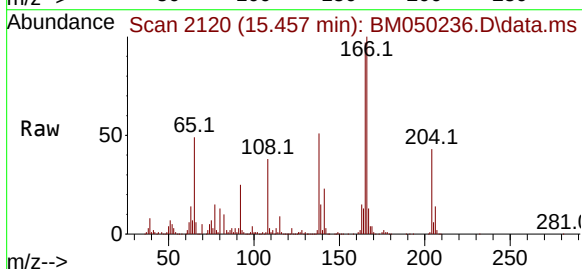


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Upadhyay

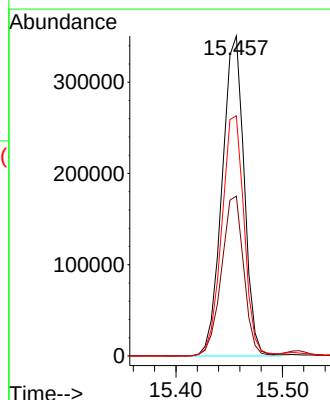
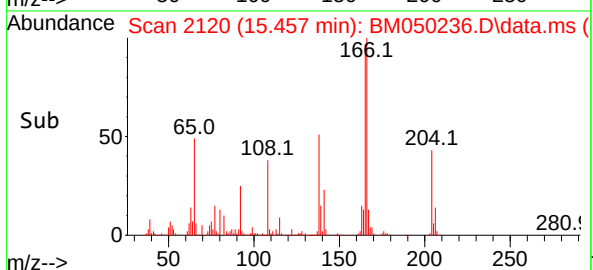
06/10/2025

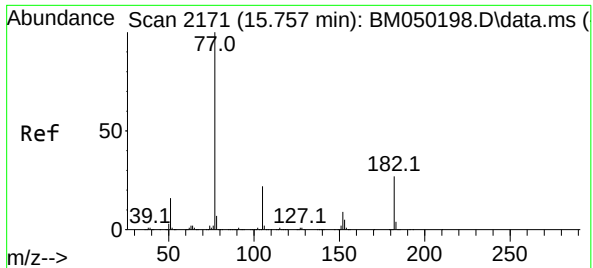


#62
4-Nitroaniline
Concen: 42.668 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



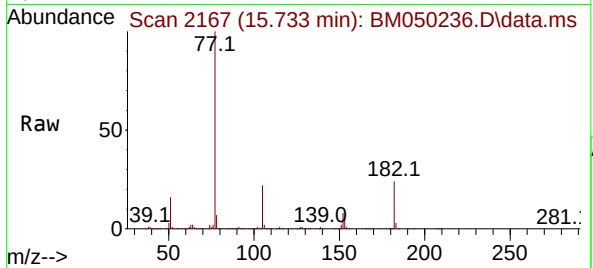
Tgt Ion:138 Resp: 502473
Ion Ratio Lower Upper
138 100
92 49.9 28.8 68.8
108 75.0 58.1 98.1





#63
Azobenzene
Concen: 38.676 ng
RT: 15.733 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

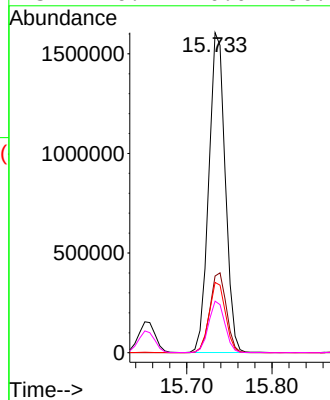
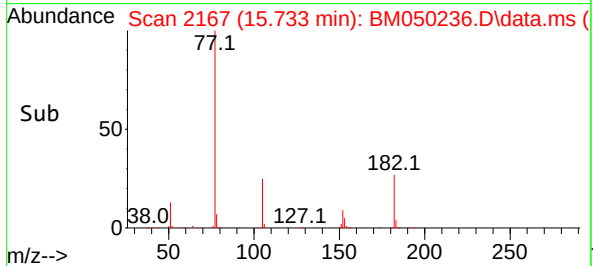
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 2144240
Ion Ratio Lower Upper
77 100
182 24.0 6.8 46.8
105 22.0 1.7 41.7
51 16.1 0.0 36.2

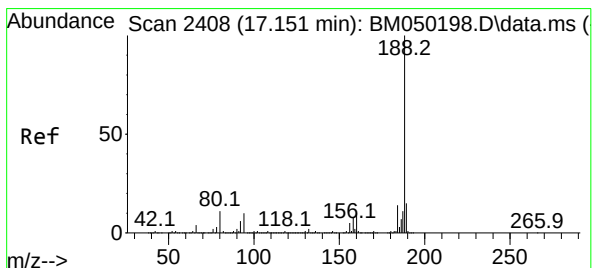
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Reviewed By :Rahul
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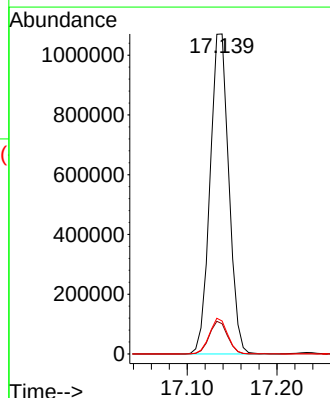
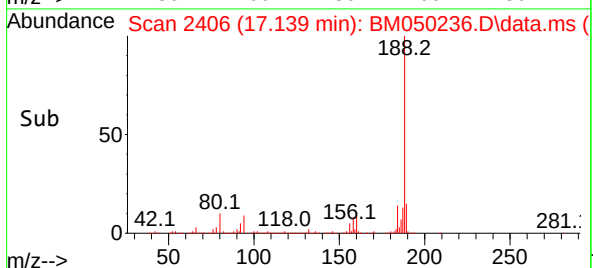
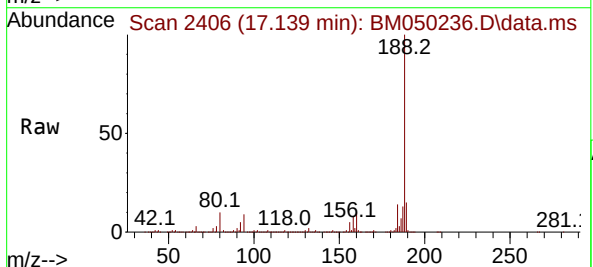
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Supervised By :Jagrut
Upadhyay

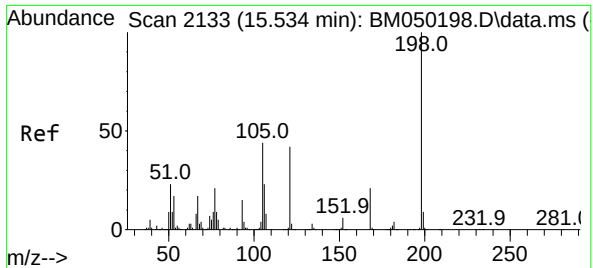
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

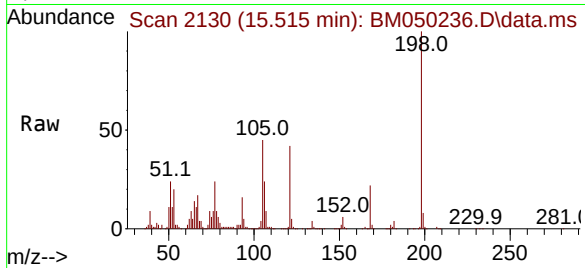
Tgt Ion:188 Resp: 1554642
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 10.3 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 39.835 ng
RT: 15.515 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

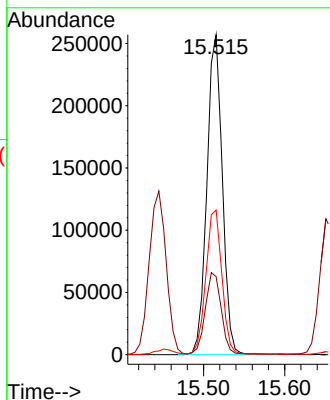
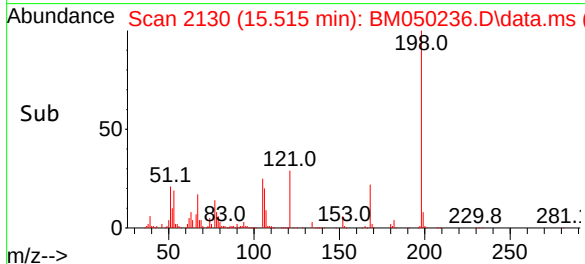
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 338240
Ion Ratio Lower Upper
198 100
51 24.4 4.5 44.5
105 45.2 24.9 64.9

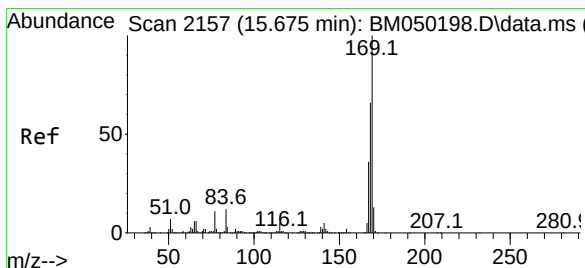
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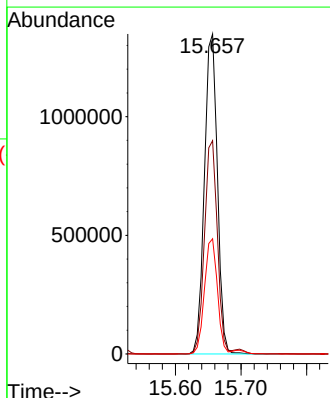
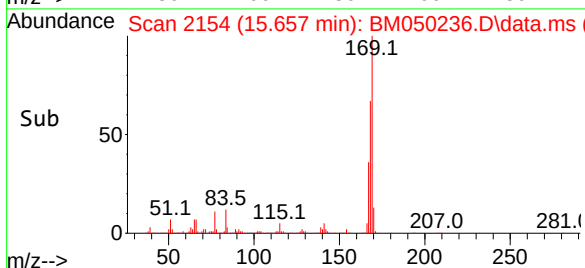
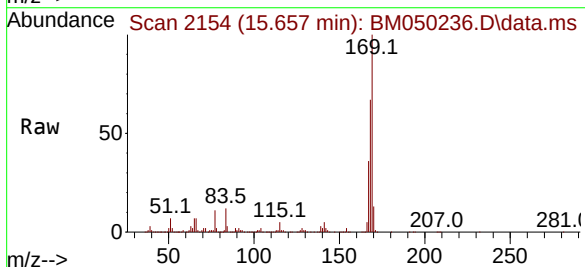
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Upadhyay

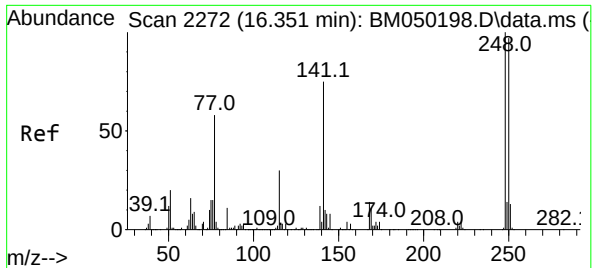
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#66
n-Nitrosodiphenylamine
Concen: 38.115 ng
RT: 15.657 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

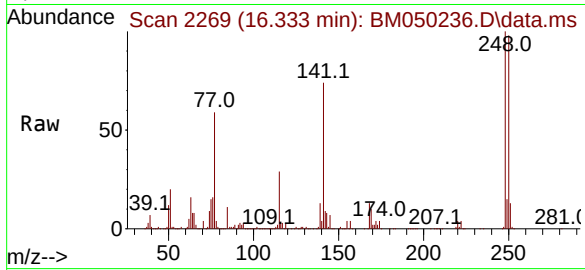
Tgt Ion:169 Resp: 1861847
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.332 ng
RT: 16.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

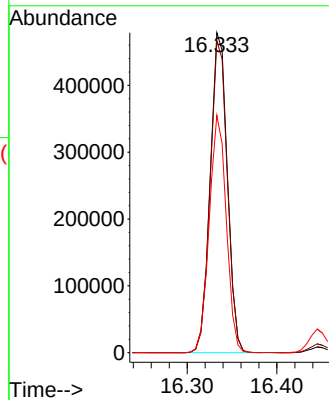
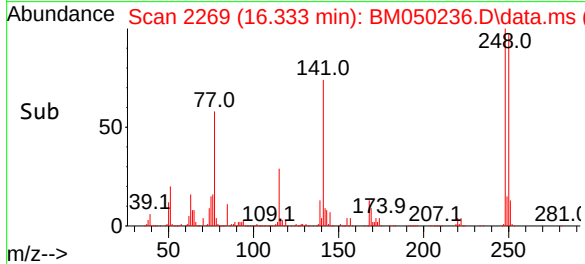
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 63548
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 74.1 60.1 90.1

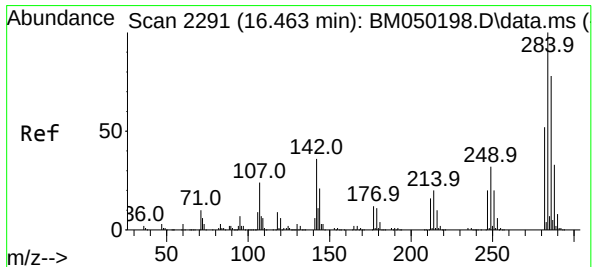
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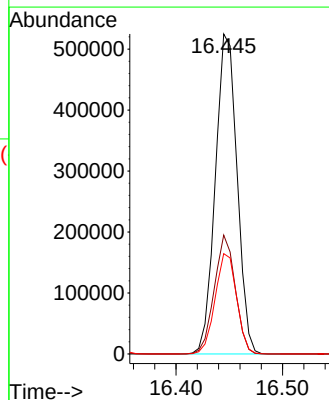
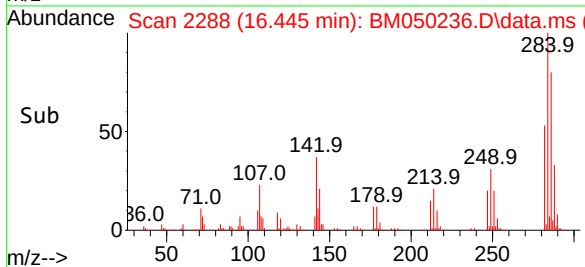
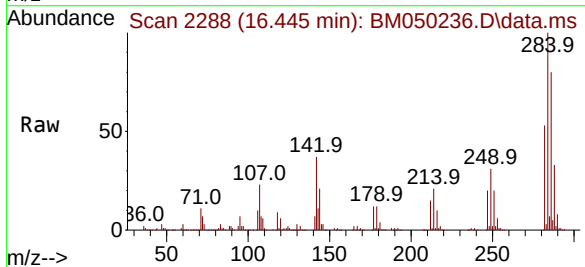
06/10/2025
Supervised By :Jagrut
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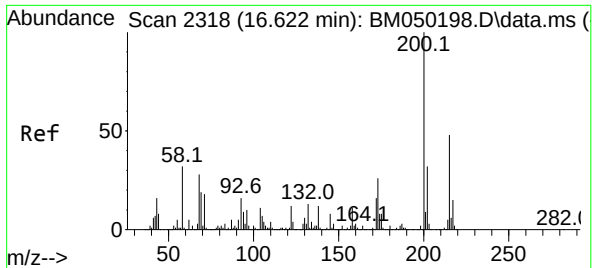
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#68
Hexachlorobenzene
Concen: 38.360 ng
RT: 16.445 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

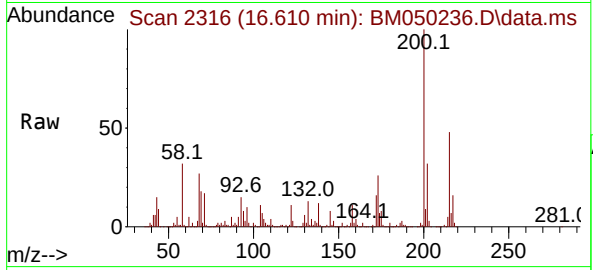
Tgt Ion:284 Resp: 743008
Ion Ratio Lower Upper
284 100
142 37.2 28.8 43.2
249 31.3 25.8 38.6





#69
Atrazine
Concen: 40.912 ng
RT: 16.610 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

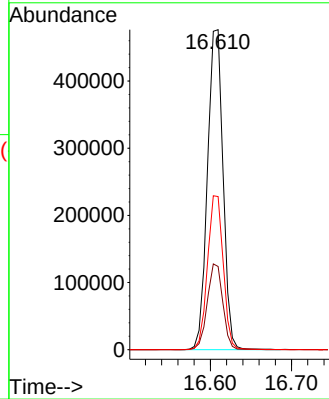
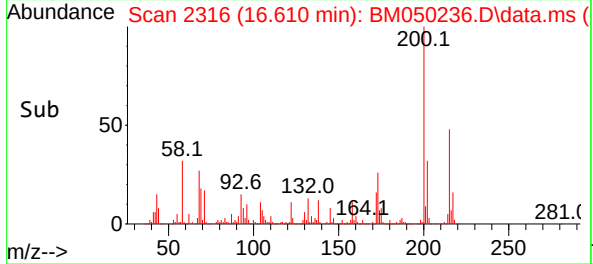
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 63676
Ion Ratio Lower Upper
200 100
173 26.0 6.0 46.0
215 47.9 28.1 68.1

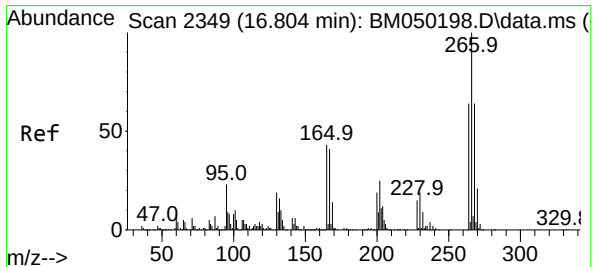
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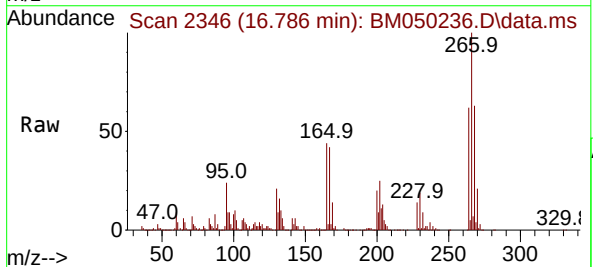


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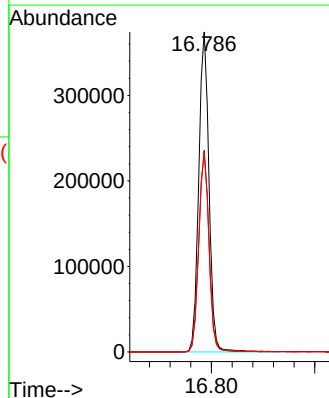
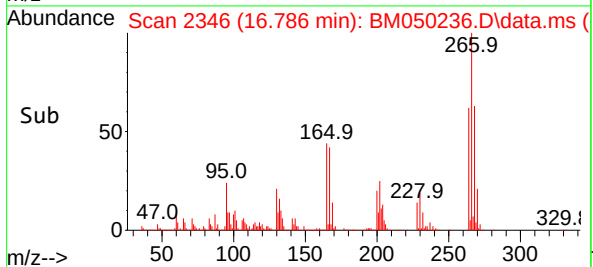
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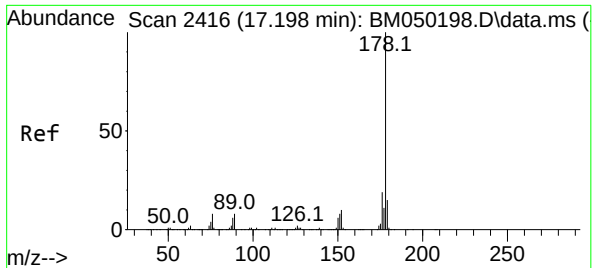


#70
Pentachlorophenol
Concen: 40.925 ng
RT: 16.786 min Scan# 2346
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



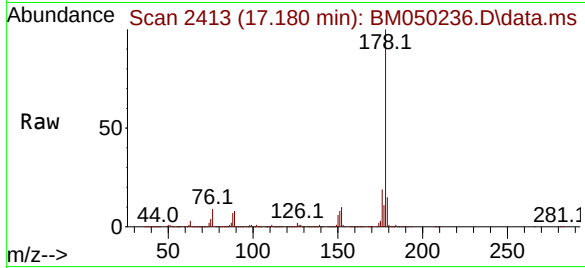
Tgt Ion:266 Resp: 515371
Ion Ratio Lower Upper
266 100
268 63.0 51.0 76.6
264 62.3 50.8 76.2





#71
Phenanthrene
Concen: 37.832 ng
RT: 17.180 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

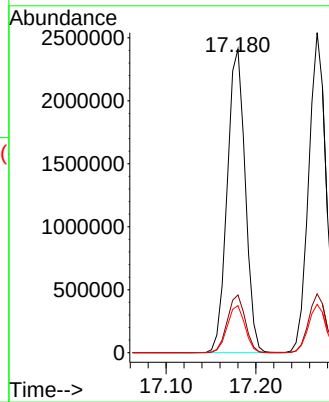
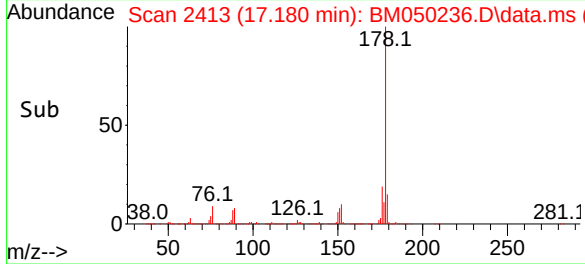
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 3359918
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.5 12.3 18.5

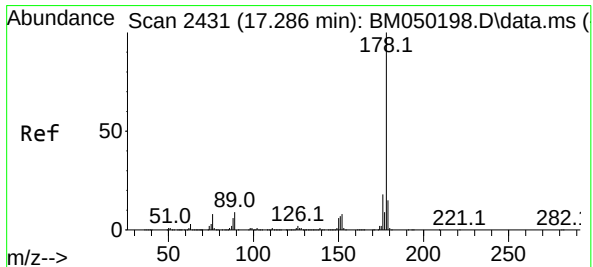
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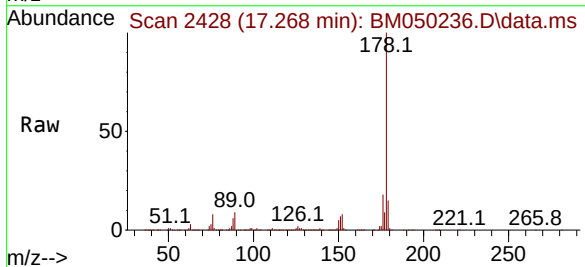


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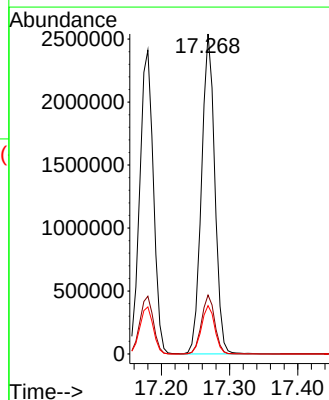
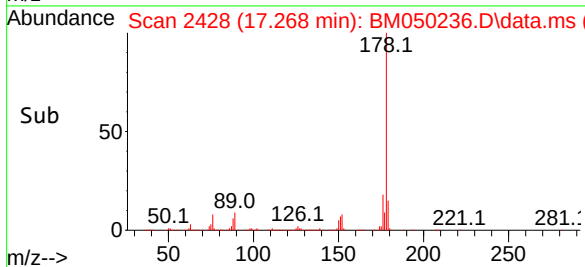
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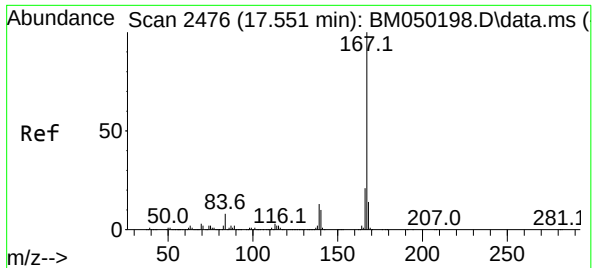


#72
Anthracene
Concen: 38.569 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



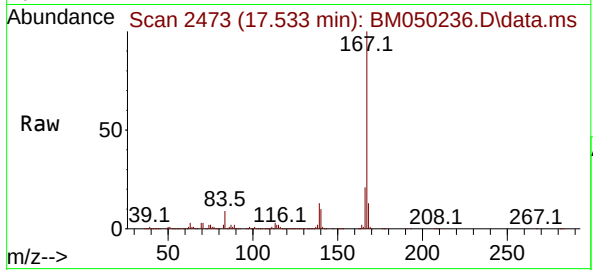
Tgt Ion:178 Resp: 3426684
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.1 12.3 18.5





#73
Carbazole
Concen: 39.714 ng
RT: 17.533 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

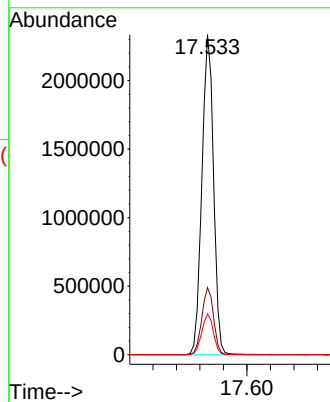
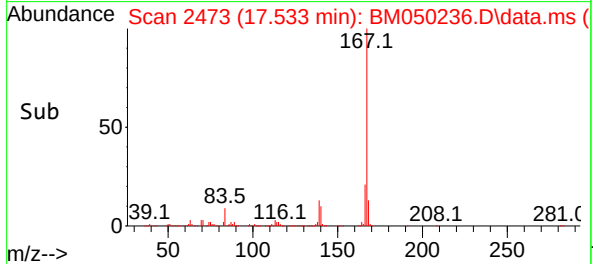
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:167 Resp: 3214532
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.8 10.2 15.4

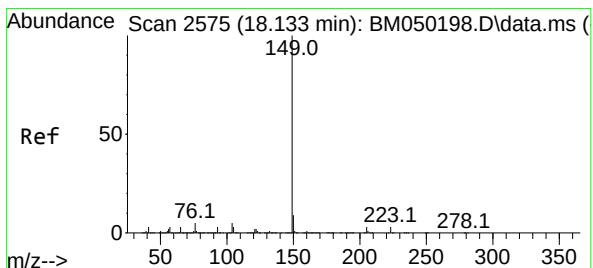
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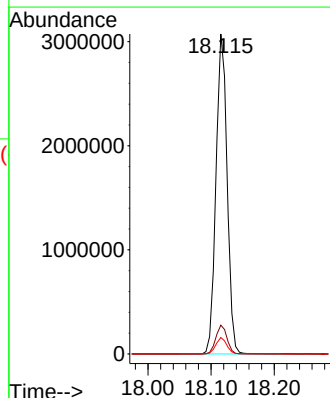
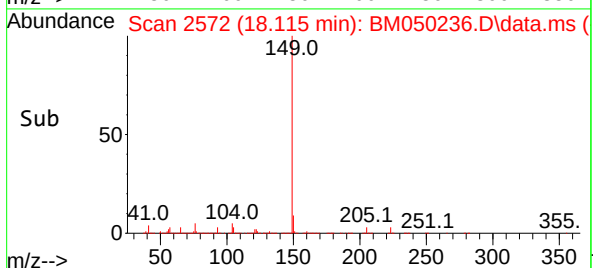
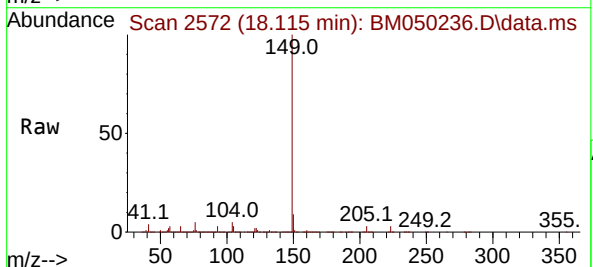
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Supervised By :Jagrut
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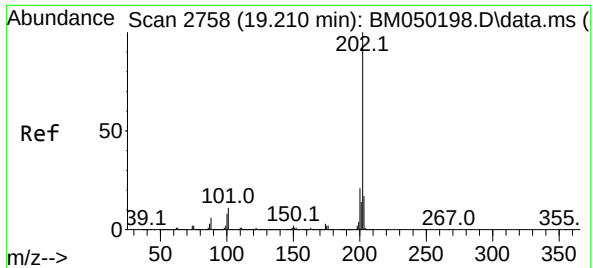
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#74
Di-n-butylphthalate
Concen: 42.646 ng
RT: 18.115 min Scan# 2572
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

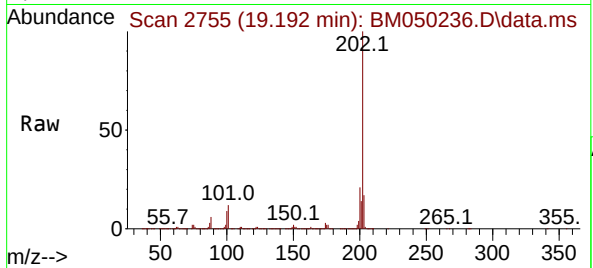
Tgt Ion:149 Resp: 3755827
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 40.376 ng
RT: 19.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

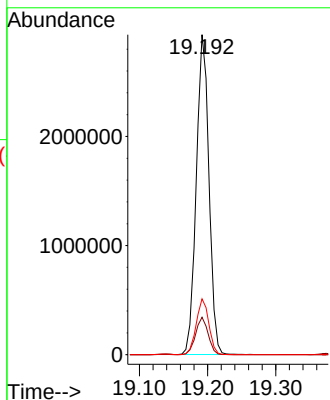
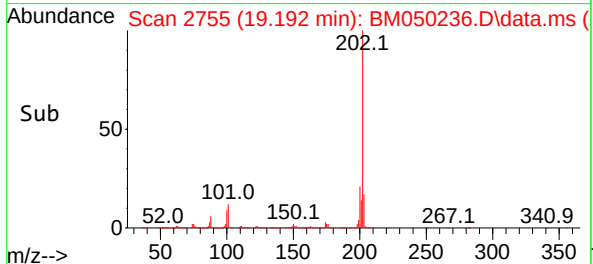
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 378156
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.1
203 17.4 0.0 37.0

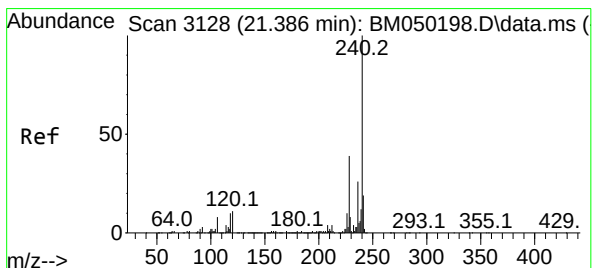
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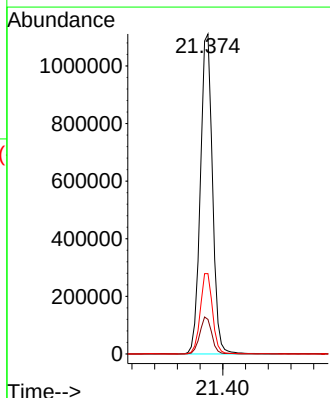
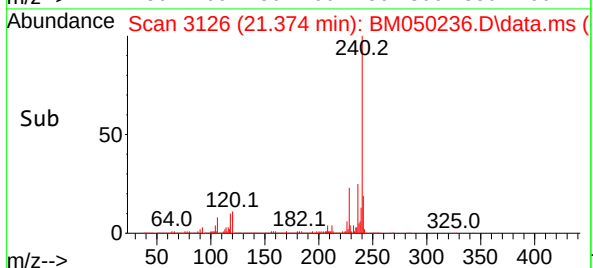
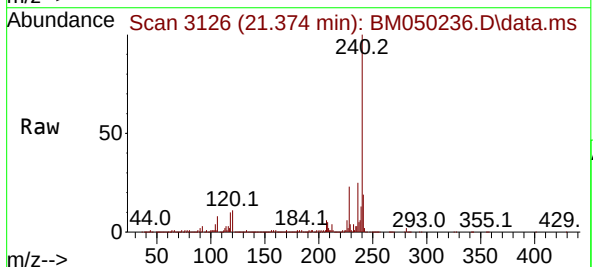
06/10/2025
Supervised By :Jagrut
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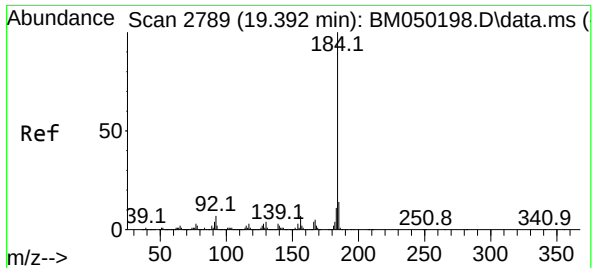
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

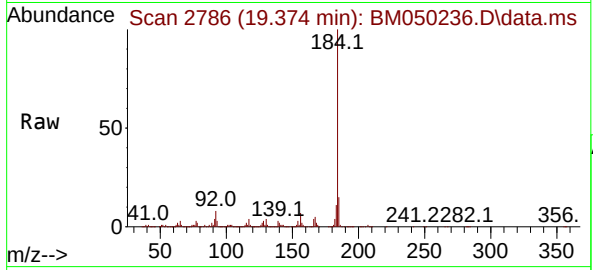
Tgt Ion:240 Resp: 1640724
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.1 20.7 31.1





#77
Benzidine
Concen: 42.895 ng
RT: 19.374 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

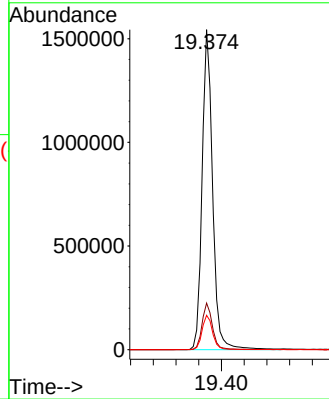
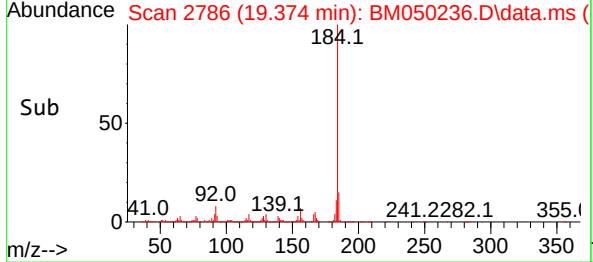
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1979124
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 10.7 9.0 13.4

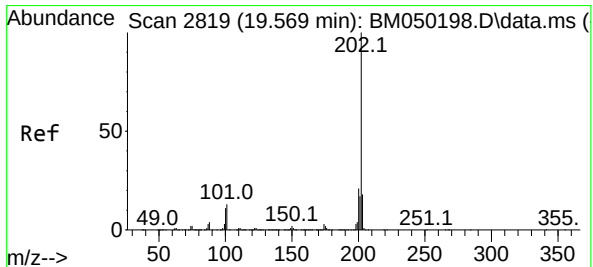
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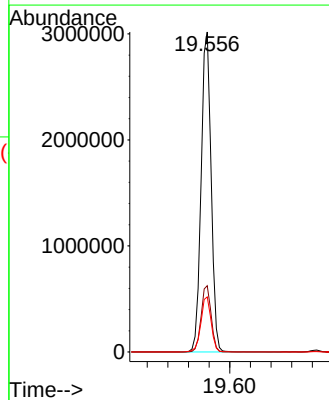
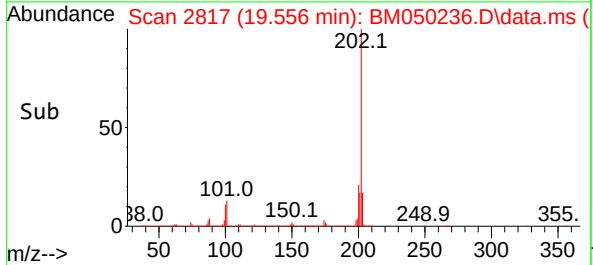
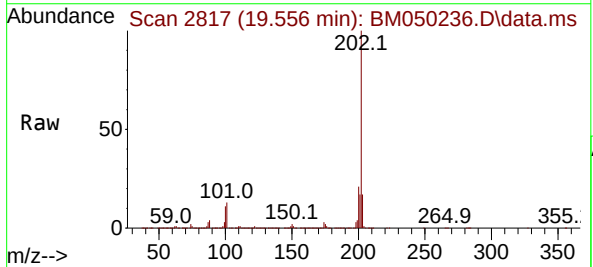
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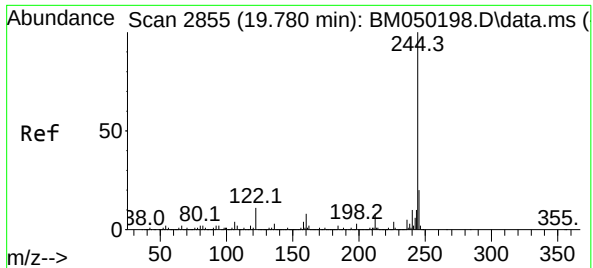
06/10/2025



#78
Pyrene
Concen: 36.482 ng
RT: 19.556 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

Tgt Ion:202 Resp: 4034377
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.2 14.1 21.1





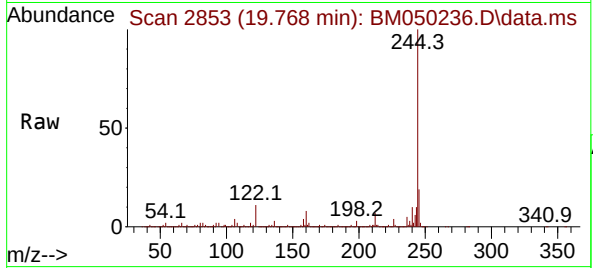
#79
Terphenyl-d14
Concen: 74.512 ng
RT: 19.768 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

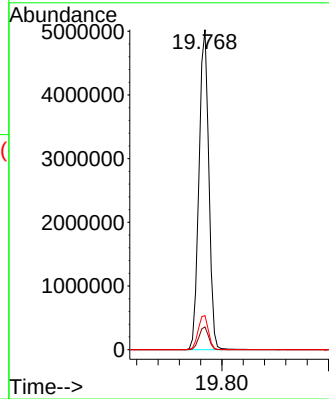
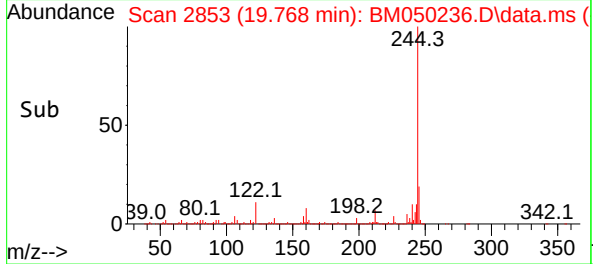
SSTDCCC040



Tgt Ion:244 Resp: 6451300
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.7 8.6 12.8

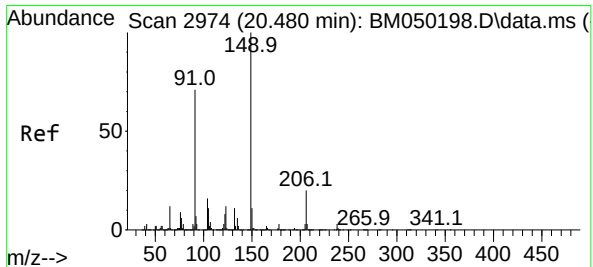
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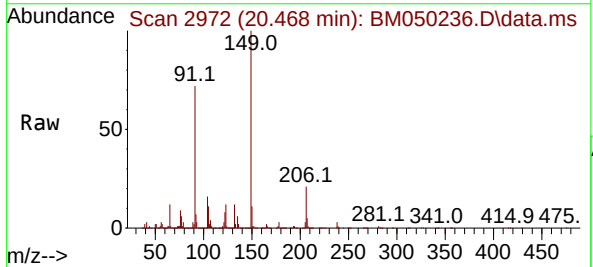


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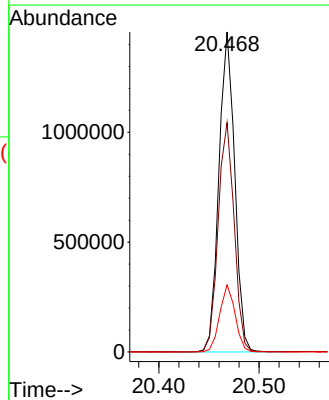
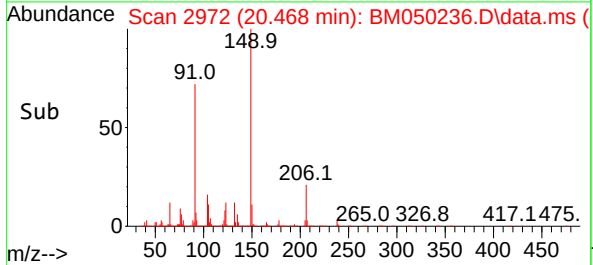
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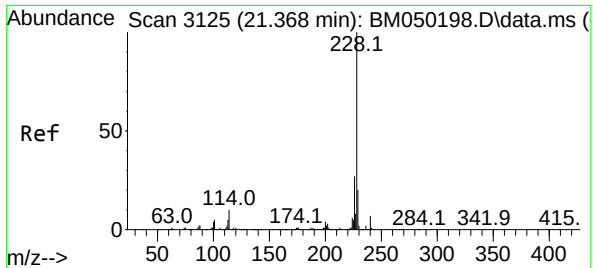


#80
Butylbenzylphthalate
Concen: 43.152 ng
RT: 20.468 min Scan# 2972
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47



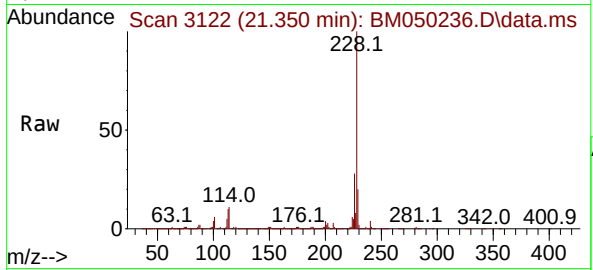
Tgt Ion:149 Resp: 1591767
Ion Ratio Lower Upper
149 100
91 71.7 56.9 85.3
206 20.9 16.1 24.1





#81
Benzo(a)anthracene
Concen: 38.361 ng
RT: 21.350 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

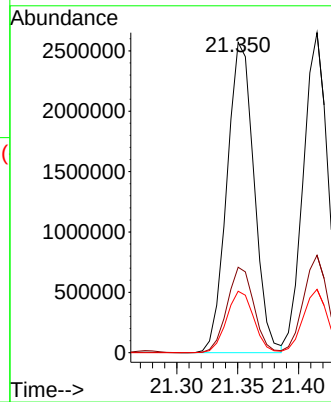
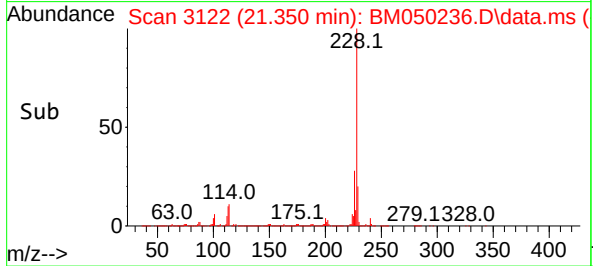
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 3983809
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.8 15.7 23.5

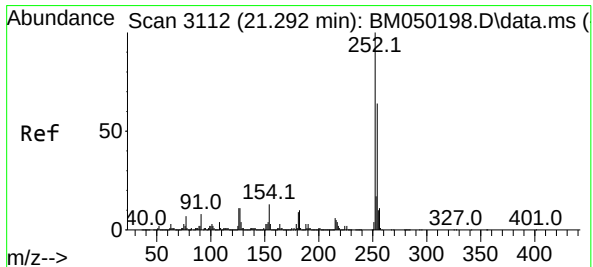
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



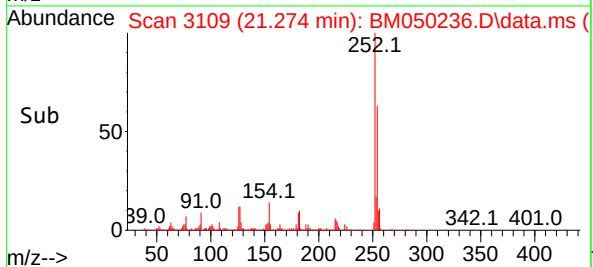
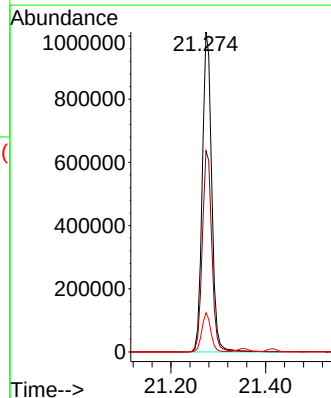
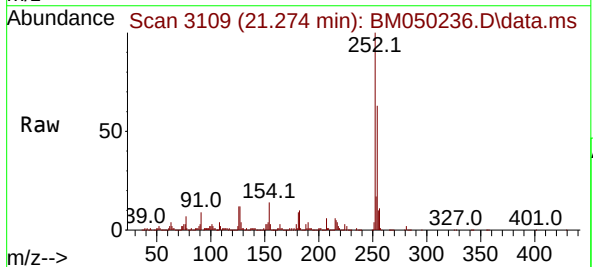
06/10/2025
Supervised By :Jagrut
Upadhyay

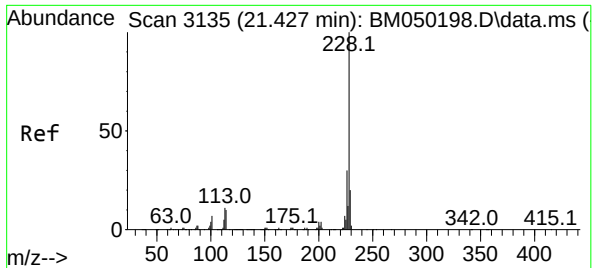
06/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 44.220 ng
RT: 21.274 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

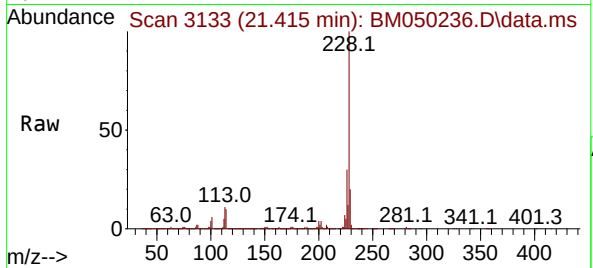
Tgt Ion:252 Resp: 1400436
Ion Ratio Lower Upper
252 100
254 62.8 51.4 77.0
126 12.2 8.6 12.8





#83
Chrysene
Concen: 38.381 ng
RT: 21.415 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

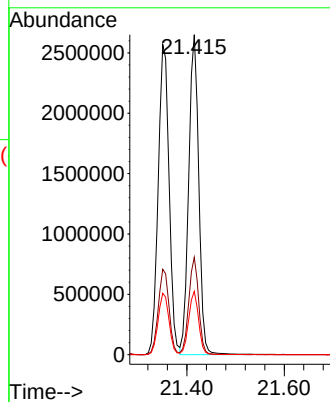
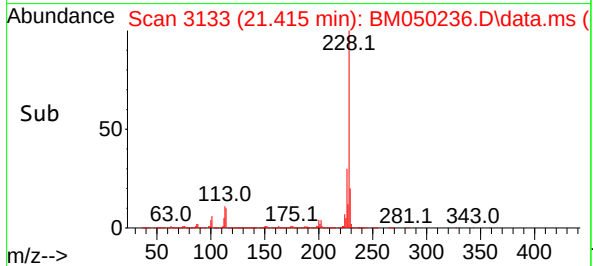
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 379145
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.8 15.8 23.8

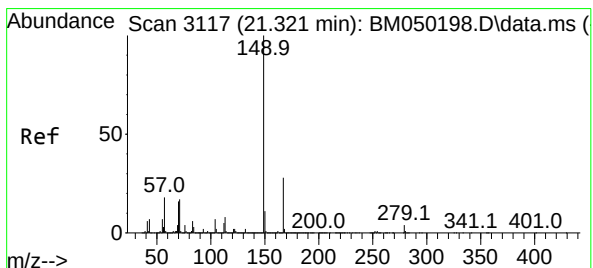
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



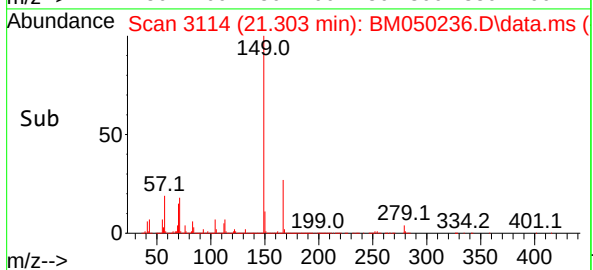
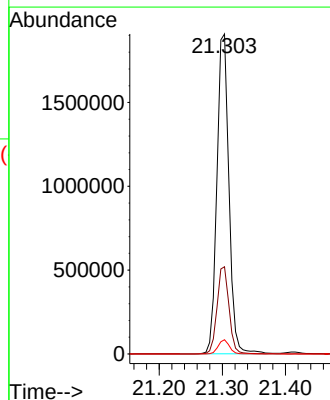
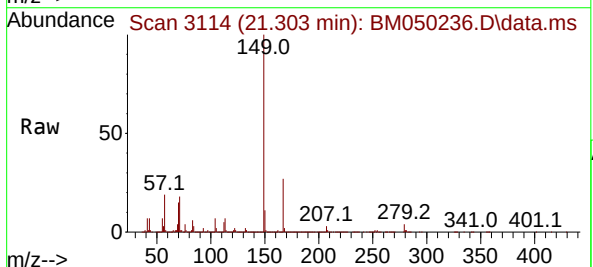
06/10/2025
Supervised By :Jagrut
Upadhyay

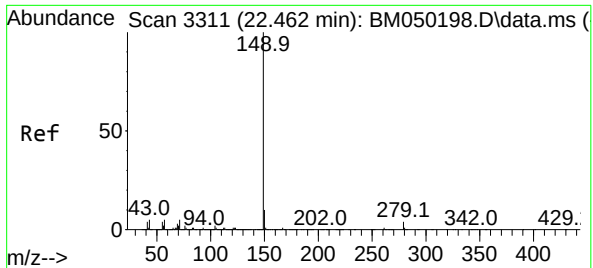
06/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.417 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

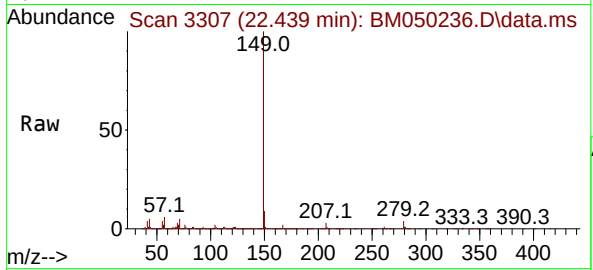
Tgt Ion:149 Resp: 2523710
Ion Ratio Lower Upper
149 100
167 27.3 22.3 33.5
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 46.890 ng
RT: 22.439 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

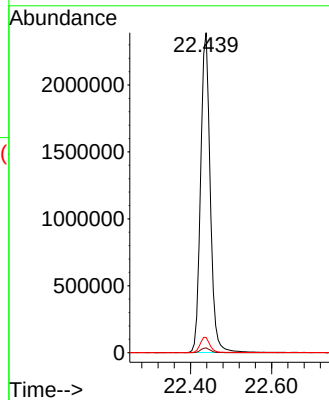
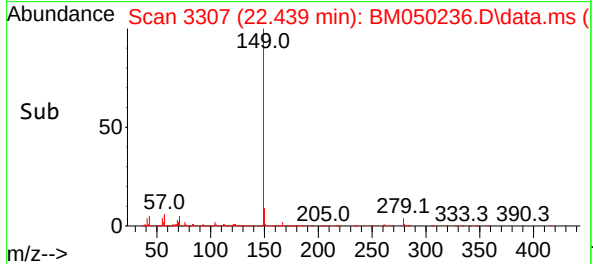
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 395345
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.0 3.8 5.8

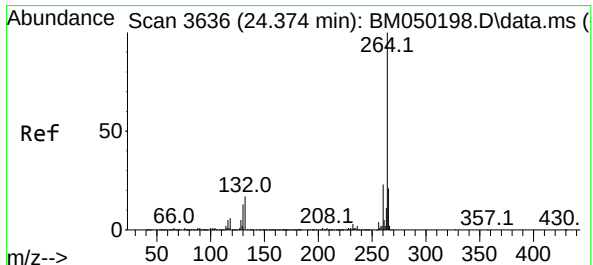
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



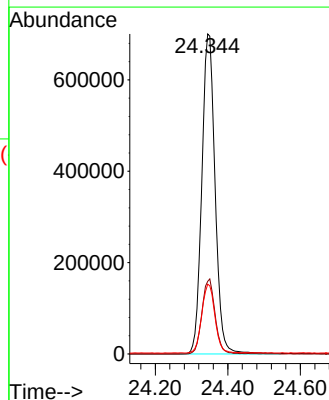
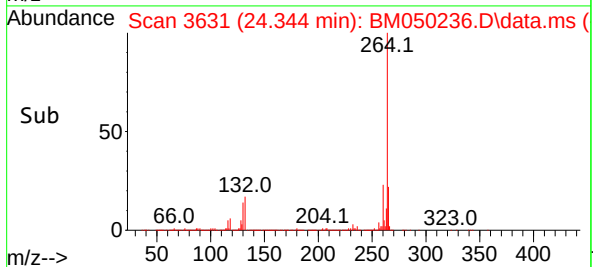
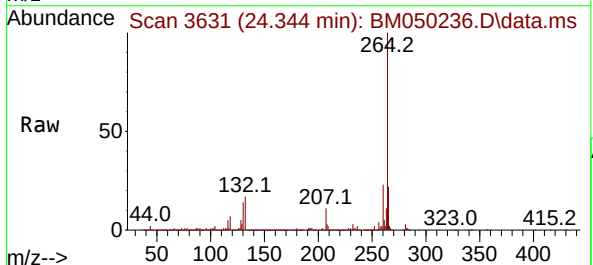
06/10/2025
Supervised By :Jagrut
Upadhyay

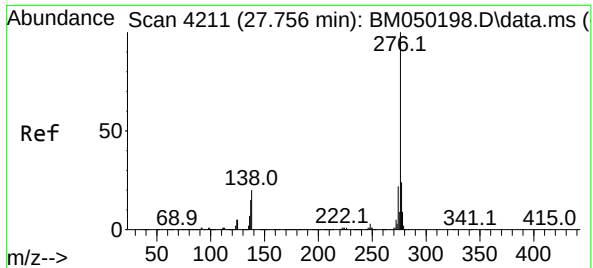
06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

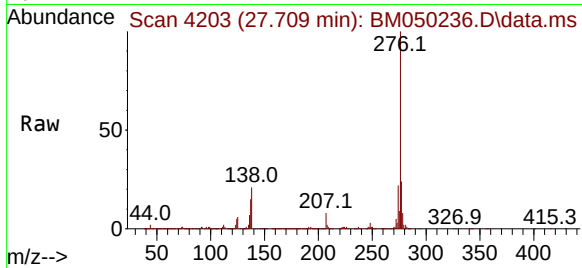
Tgt Ion:264 Resp: 1782072
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.8 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.627 ng
RT: 27.709 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

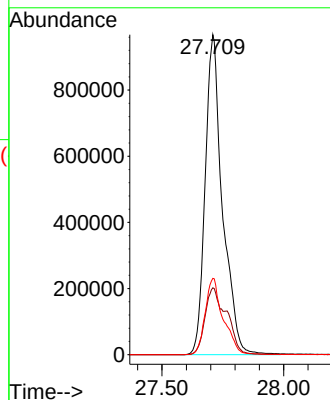
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 4776470
Ion Ratio Lower Upper
276 100
138 26.2 20.6 30.8
277 24.9 19.8 29.6

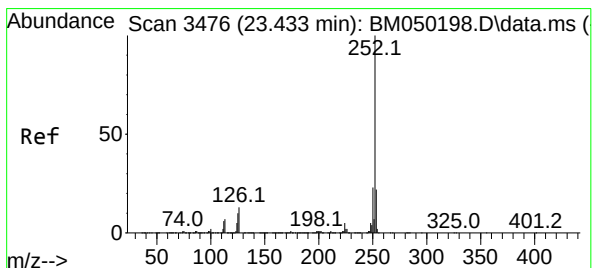
Manual Integrations
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Chavli



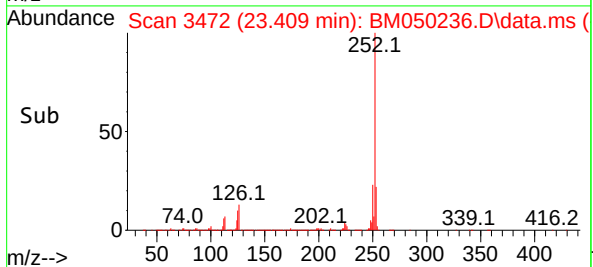
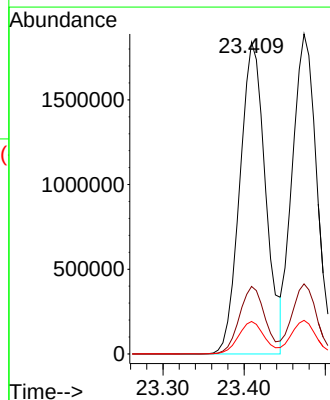
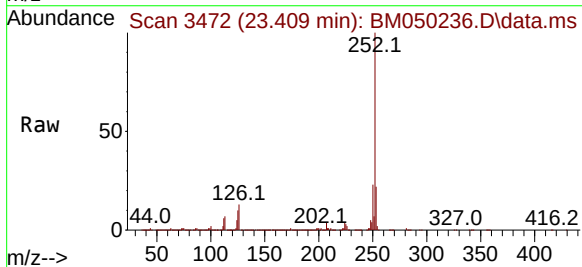
06/10/2025
Supervised By :Jagrut
Upadhyay

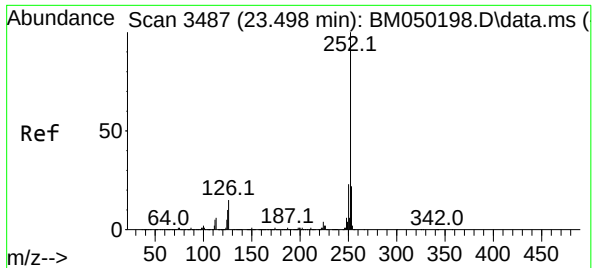
06/10/2025



#88
Benzo(b)fluoranthene
Concen: 39.088 ng
RT: 23.409 min Scan# 3472
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

Tgt Ion:252 Resp: 4049928
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 37.814 ng

RT: 23.474 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM050236.D

Acq: 09 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 3999669

Ion Ratio Lower Upper

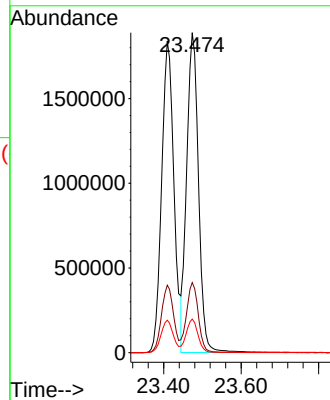
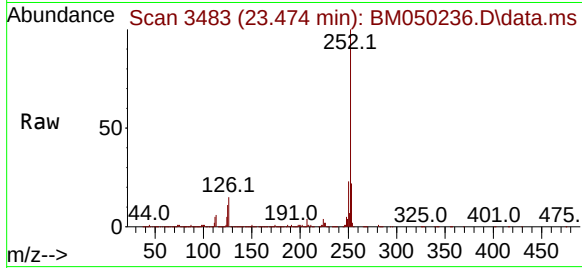
252 100

253 21.9 17.4 26.2

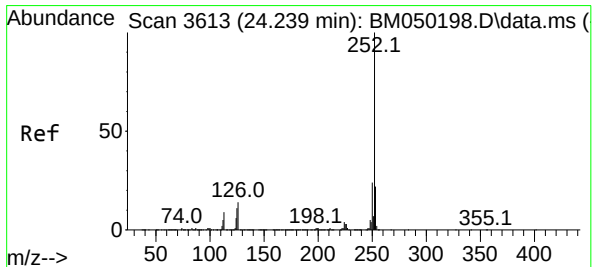
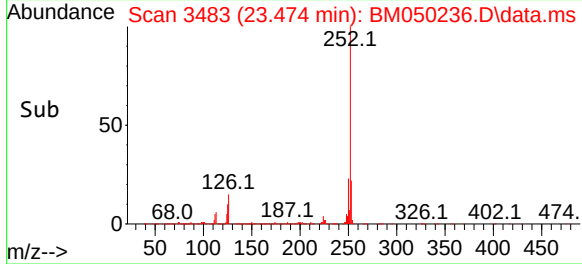
125 10.5 8.2 12.4

Manual Integrations

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Chavli06/10/2025
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Upadhyay

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#90

Benzo(a)pyrene

Concen: 39.452 ng

RT: 24.209 min Scan# 3608

Delta R.T. 0.000 min

Lab File: BM050236.D

Acq: 09 Jun 2025 10:47

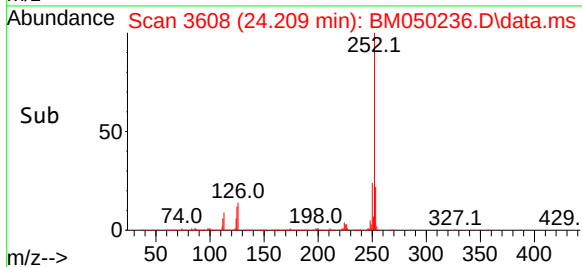
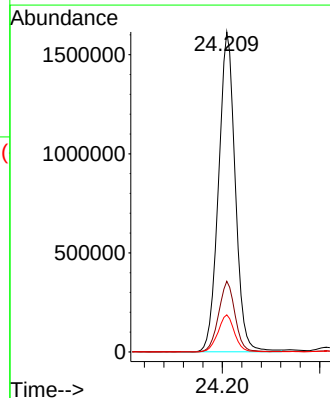
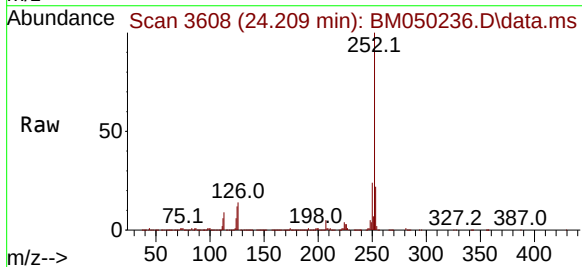
Tgt Ion:252 Resp: 3843258

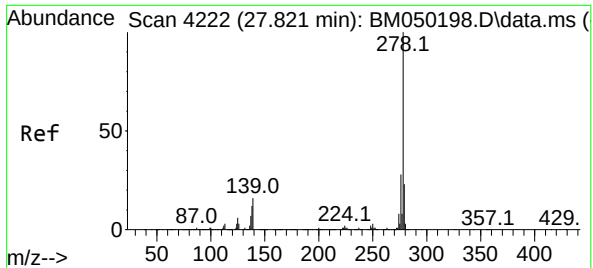
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

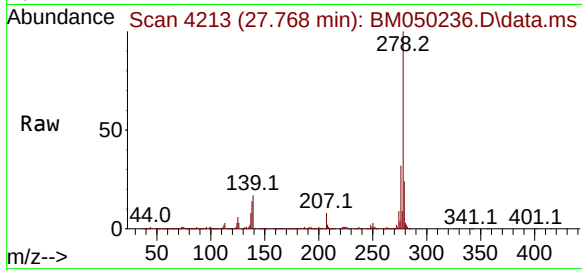
125 11.6 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 41.599 ng
RT: 27.768 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

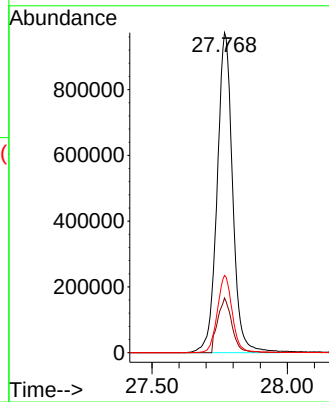
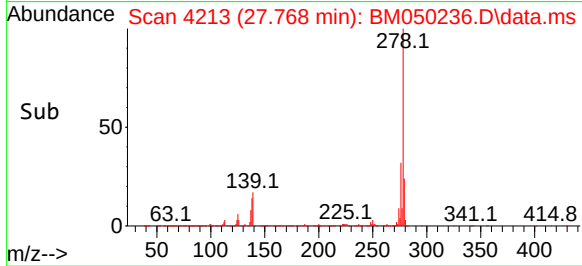
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 3874478
Ion Ratio Lower Upper
278 100
139 17.1 12.8 19.2
279 24.1 18.6 28.0

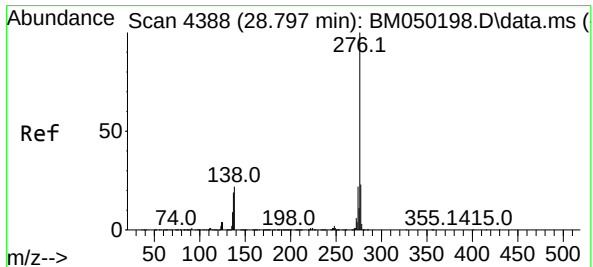
Manual Integrations
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Reviewed By :Rahul
Chavli



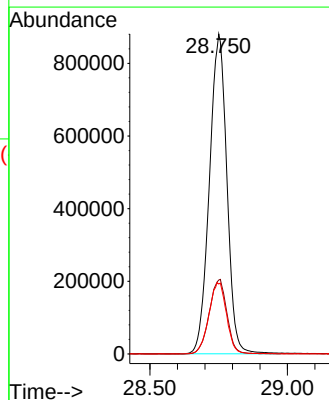
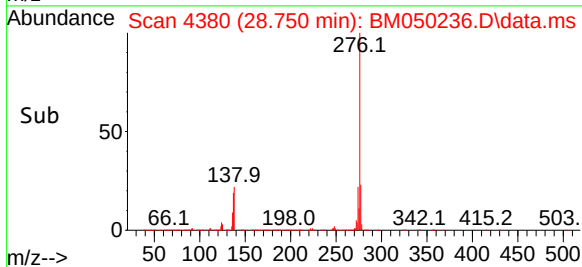
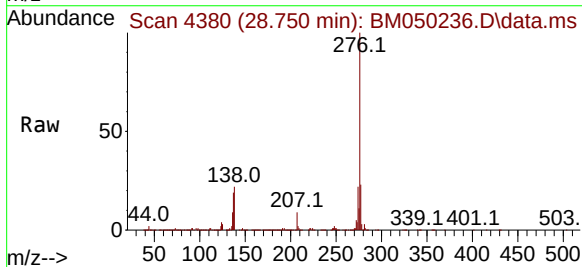
06/10/2025
Supervised By :Jagrut
Upadhyay

06/10/2025



#92
Benzo(g,h,i)perylene
Concen: 41.707 ng
RT: 28.750 min Scan# 4380
Delta R.T. 0.000 min
Lab File: BM050236.D
Acq: 09 Jun 2025 10:47

Tgt Ion:276 Resp: 3887938
Ion Ratio Lower Upper
276 100
277 23.1 18.6 27.8
138 21.8 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050236.D
 Acq On : 09 Jun 2025 10:47
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 09 12:09:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 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	120	0.00
2	1,4-Dioxane	0.526	0.514	2.3	129	0.00
3	Pyridine	1.361	1.342	1.4	123	0.00
4	n-Nitrosodimethylamine	0.281	0.275	2.1	122	0.00
5 S	2-Fluorophenol	1.199	1.191	0.7	125	0.00
6	Aniline	2.086	1.974	5.4	115	0.00
7 S	Phenol-d6	1.578	1.515	4.0	117	0.00
8	2-Chlorophenol	1.319	1.268	3.9	118	0.00
9	Benzaldehyde	1.003	0.832	17.0	114	0.00
10 C	Phenol	1.670	1.594	4.6	117	0.00
11	bis(2-Chloroethyl)ether	1.343	1.288	4.1	118	0.00
12	1,3-Dichlorobenzene	1.474	1.414	4.1	121	0.00
13 C	1,4-Dichlorobenzene	1.534	1.445	5.8	120	0.00
14	1,2-Dichlorobenzene	1.462	1.380	5.6	118	0.00
15	Benzyl Alcohol	1.126	1.065	5.4	112	0.00
16	2,2'-oxybis(1-Chloropropane	0.933	0.936	-0.3	124	0.00
17	2-Methylphenol	1.102	1.034	6.2	112	0.00
18	Hexachloroethane	0.556	0.543	2.3	123	0.00
19 P	n-Nitroso-di-n-propylamine	0.966	0.917	5.1	110	0.00
20	3+4-Methylphenols	1.474	1.378	6.5	110	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	110	0.00
22	Acetophenone	0.500	0.476	4.8	110	0.00
23 S	Nitrobenzene-d5	0.385	0.385	0.0	112	0.00
24	Nitrobenzene	0.350	0.348	0.6	113	0.00
25	Isophorone	0.664	0.634	4.5	106	0.00
26 C	2-Nitrophenol	0.151	0.153	-1.3	109	0.00
27	2,4-Dimethylphenol	0.310	0.301	2.9	109	0.00
28	bis(2-Chloroethoxy)methane	0.434	0.421	3.0	109	0.00
29 C	2,4-Dichlorophenol	0.287	0.279	2.8	107	0.00
30	1,2,4-Trichlorobenzene	0.319	0.308	3.4	111	0.00
31	Naphthalene	1.034	0.973	5.9	110	0.00
32	Benzoic acid	0.195	0.185	5.1	100	0.00
33	4-Chloroaniline	0.441	0.419	5.0	107	0.00
34 C	Hexachlorobutadiene	0.190	0.180	5.3	109	0.00
35	Caprolactam	0.091	0.086	5.5	97	0.00
36 C	4-Chloro-3-methylphenol	0.306	0.289	5.6	102	0.00
37	2-Methylnaphthalene	0.624	0.587	5.9	105	0.00
38	1-Methylnaphthalene	0.662	0.623	5.9	106	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.568	1.7	106	0.00
41 P	Hexachlorocyclopentadiene	0.351	0.357	-1.7	106	0.00
42 S	2,4,6-Tribromophenol	0.227	0.228	-0.4	100	0.00
43 C	2,4,6-Trichlorophenol	0.380	0.372	2.1	100	0.00
44	2,4,5-Trichlorophenol	0.417	0.407	2.4	99	0.00
45 S	2-Fluorobiphenyl	1.477	1.424	3.6	104	0.00
46	1,1'-Biphenyl	1.498	1.425	4.9	102	0.00
47	2-Chloronaphthalene	1.164	1.109	4.7	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050236.D
 Acq On : 09 Jun 2025 10:47
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 09 12:09:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 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	0.256	0.276	-7.8	104	0.00
49	Acenaphthylene	1.883	1.811	3.8	100	0.00
50	Dimethylphthalate	1.353	1.308	3.3	98	0.00
51	2,6-Dinitrotoluene	0.273	0.279	-2.2	97	0.00
52 C	Acenaphthene	1.178	1.133	3.8	101	0.00
53	3-Nitroaniline	0.304	0.316	-3.9	99	0.00
54 P	2,4-Dinitrophenol	0.146	0.146	0.0	97	0.00
55	Dibenzofuran	1.723	1.645	4.5	100	0.00
56 P	4-Nitrophenol	0.259	0.273	-5.4	101	0.00
57	2,4-Dinitrotoluene	0.360	0.376	-4.4	96	0.00
58	Fluorene	1.320	1.277	3.3	102	0.00
59	2,3,4,6-Tetrachlorophenol	0.361	0.358	0.8	99	0.00
60	Diethylphthalate	1.342	1.321	1.6	99	0.00
61	4-Chlorophenyl-phenylether	0.638	0.612	4.1	101	0.00
62	4-Nitroaniline	0.285	0.304	-6.7	100	0.00
63	Azobenzene	1.341	1.297	3.3	100	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	0.109	0.109	0.0	96	0.00
66 c	n-Nitrosodiphenylamine	0.628	0.599	4.6	99	0.00
67	4-Bromophenyl-phenylether	0.213	0.204	4.2	98	0.00
68	Hexachlorobenzene	0.249	0.239	4.0	98	0.00
69	Atrazine	0.200	0.205	-2.5	97	0.00
70 C	Pentachlorophenol	0.162	0.166	-2.5	99	0.00
71	Phenanthrene	1.143	1.081	5.4	99	0.00
72	Anthracene	1.143	1.102	3.6	99	0.00
73	Carbazole	1.041	1.034	0.7	100	0.00
74	Di-n-butylphthalate	1.133	1.208	-6.6	102	0.00
75 C	Fluoranthene	1.205	1.216	-0.9	101	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	111	0.00
77	Benzydine	0.562	0.603	-7.3	108	0.00
78	Pyrene	1.348	1.229	8.8	103	0.00
79 S	Terphenyl-d14	1.055	0.983	6.8	108	0.00
80	Butylbenzylphthalate	0.450	0.485	-7.8	109	0.00
81	Benzo(a)anthracene	1.266	1.214	4.1	110	0.00
82	3,3'-Dichlorobenzidine	0.386	0.427	-10.6	114	0.00
83	Chrysene	1.204	1.155	4.1	111	0.00
84	Bis(2-ethylhexyl)phthalate	0.693	0.769	-11.0	115	0.00
85 c	Di-n-octyl phthalate	1.028	1.205	-17.2	119	0.00
86 I	Perylene-d12	1.000	1.000	0.0	126	0.00
87	Indeno(1,2,3-cd)pyrene	1.288	1.340	-4.0	142	0.00
88	Benzo(b)fluoranthene	1.163	1.136	2.3	123	0.00
89	Benzo(k)fluoranthene	1.187	1.122	5.5	121	0.00
90 C	Benzo(a)pyrene	1.093	1.078	1.4	126	0.00
91	Dibenzo(a,h)anthracene	1.045	1.087	-4.0	141	0.00
92	Benzo(g,h,i)perylene	1.046	1.091	-4.3	145	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050236.D
Acq On : 09 Jun 2025 10:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 12:09:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 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_M\Data\BM060925\
 Data File : BM050236.D
 Acq On : 09 Jun 2025 10:47
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 09 12:09:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 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	120	0.00
2	1,4-Dioxane	40.000	39.113	2.2	129	0.00
3	Pyridine	40.000	39.450	1.4	123	0.00
4	n-Nitrosodimethylamine	40.000	39.043	2.4	122	0.00
5 S	2-Fluorophenol	80.000	79.466	0.7	125	0.00
6	Aniline	40.000	37.845	5.4	115	0.00
7 S	Phenol-d6	80.000	76.814	4.0	117	0.00
8	2-Chlorophenol	40.000	38.473	3.8	118	0.00
9	Benzaldehyde	40.000	33.166	17.1	114	0.00
10 C	Phenol	40.000	38.187	4.5	117	0.00
11	bis(2-Chloroethyl)ether	40.000	38.365	4.1	118	0.00
12	1,3-Dichlorobenzene	40.000	38.361	4.1	121	0.00
13 C	1,4-Dichlorobenzene	40.000	37.669	5.8	120	0.00
14	1,2-Dichlorobenzene	40.000	37.737	5.7	118	0.00
15	Benzyl Alcohol	40.000	37.831	5.4	112	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.112	-0.3	124	0.00
17	2-Methylphenol	40.000	37.552	6.1	112	0.00
18	Hexachloroethane	40.000	39.091	2.3	123	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.982	5.0	110	0.00
20	3+4-Methylphenols	40.000	37.404	6.5	110	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	110	0.00
22	Acetophenone	40.000	38.075	4.8	110	0.00
23 S	Nitrobenzene-d5	80.000	80.093	-0.1	112	0.00
24	Nitrobenzene	40.000	39.838	0.4	113	0.00
25	Isophorone	40.000	38.206	4.5	106	0.00
26 C	2-Nitrophenol	40.000	40.658	-1.6	109	0.00
27	2,4-Dimethylphenol	40.000	38.869	2.8	109	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.882	2.8	109	0.00
29 C	2,4-Dichlorophenol	40.000	38.880	2.8	107	0.00
30	1,2,4-Trichlorobenzene	40.000	38.520	3.7	111	0.00
31	Naphthalene	40.000	37.647	5.9	110	0.00
32	Benzoic acid	40.000	38.054	4.9	100	0.00
33	4-Chloroaniline	40.000	38.011	5.0	107	0.00
34 C	Hexachlorobutadiene	40.000	37.914	5.2	109	0.00
35	Caprolactam	40.000	37.893	5.3	97	0.00
36 C	4-Chloro-3-methylphenol	40.000	37.781	5.5	102	0.00
37	2-Methylnaphthalene	40.000	37.629	5.9	105	0.00
38	1-Methylnaphthalene	40.000	37.628	5.9	106	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.345	1.6	106	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.755	-1.9	106	0.00
42 S	2,4,6-Tribromophenol	80.000	80.150	-0.2	100	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.226	1.9	100	0.00
44	2,4,5-Trichlorophenol	40.000	39.043	2.4	99	0.00
45 S	2-Fluorobiphenyl	80.000	77.105	3.6	104	0.00
46	1,1'-Biphenyl	40.000	38.064	4.8	102	0.00
47	2-Chloronaphthalene	40.000	38.093	4.8	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050236.D
 Acq On : 09 Jun 2025 10:47
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 09 12:09:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 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	43.114	-7.8	104	0.00
49	Acenaphthylene	40.000	38.476	3.8	100	0.00
50	Dimethylphthalate	40.000	38.688	3.3	98	0.00
51	2,6-Dinitrotoluene	40.000	40.847	-2.1	97	0.00
52 C	Acenaphthene	40.000	38.468	3.8	101	0.00
53	3-Nitroaniline	40.000	41.611	-4.0	99	0.00
54 P	2,4-Dinitrophenol	40.000	36.269	9.3	97	0.00
55	Dibenzofuran	40.000	38.195	4.5	100	0.00
56 P	4-Nitrophenol	40.000	42.223	-5.6	101	0.00
57	2,4-Dinitrotoluene	40.000	41.751	-4.4	96	0.00
58	Fluorene	40.000	38.689	3.3	102	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.647	0.9	99	0.00
60	Diethylphthalate	40.000	39.358	1.6	99	0.00
61	4-Chlorophenyl-phenylether	40.000	38.359	4.1	101	0.00
62	4-Nitroaniline	40.000	42.668	-6.7	100	0.00
63	Azobenzene	40.000	38.676	3.3	100	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.835	0.4	96	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.115	4.7	99	0.00
67	4-Bromophenyl-phenylether	40.000	38.332	4.2	98	0.00
68	Hexachlorobenzene	40.000	38.360	4.1	98	0.00
69	Atrazine	40.000	40.912	-2.3	97	0.00
70 C	Pentachlorophenol	40.000	40.925	-2.3	99	0.00
71	Phenanthrene	40.000	37.832	5.4	99	0.00
72	Anthracene	40.000	38.569	3.6	99	0.00
73	Carbazole	40.000	39.714	0.7	100	0.00
74	Di-n-butylphthalate	40.000	42.646	-6.6	102	0.00
75 C	Fluoranthene	40.000	40.376	-0.9	101	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	111	0.00
77	Benzydine	40.000	42.895	-7.2	108	0.00
78	Pyrene	40.000	36.482	8.8	103	0.00
79 S	Terphenyl-d14	80.000	74.512	6.9	108	0.00
80	Butylbenzylphthalate	40.000	43.152	-7.9	109	0.00
81	Benzo(a)anthracene	40.000	38.361	4.1	110	0.00
82	3,3'-Dichlorobenzidine	40.000	44.220	-10.5	114	0.00
83	Chrysene	40.000	38.381	4.0	111	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	44.417	-11.0	115	0.00
85 c	Di-n-octyl phthalate	40.000	46.890	-17.2	119	0.00
86 I	Perylene-d12	20.000	20.000	0.0	126	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.627	-4.1	142	0.00
88	Benzo(b)fluoranthene	40.000	39.088	2.3	123	0.00
89	Benzo(k)fluoranthene	40.000	37.814	5.5	121	0.00
90 C	Benzo(a)pyrene	40.000	39.452	1.4	126	0.00
91	Dibenzo(a,h)anthracene	40.000	41.599	-4.0	141	0.00
92	Benzo(g,h,i)perylene	40.000	41.707	-4.3	145	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050236.D
Acq On : 09 Jun 2025 10:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 09 12:09:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 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



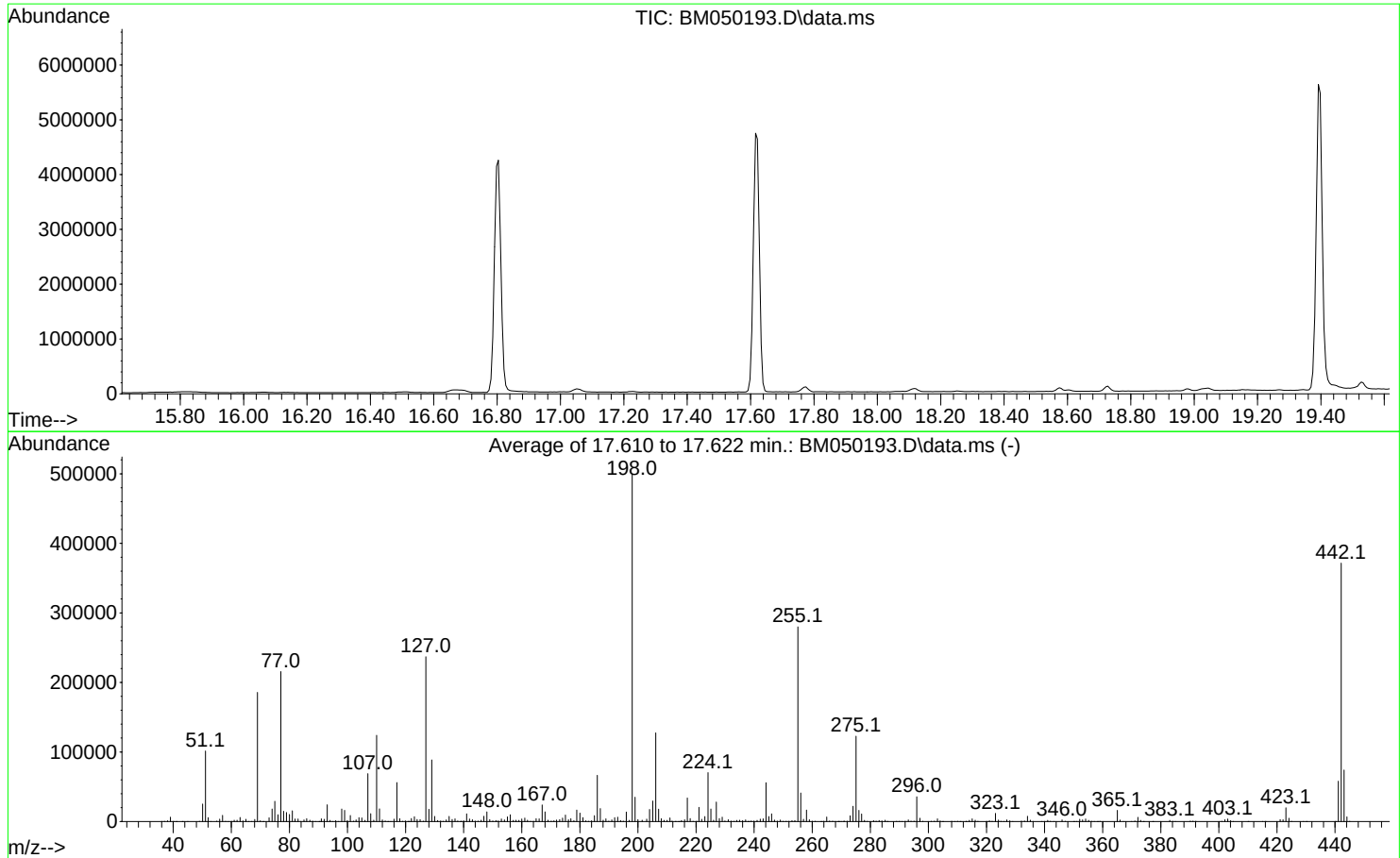
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050193.D
Acq On : 05 Jun 2025 08:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 05 16:20:25 2025



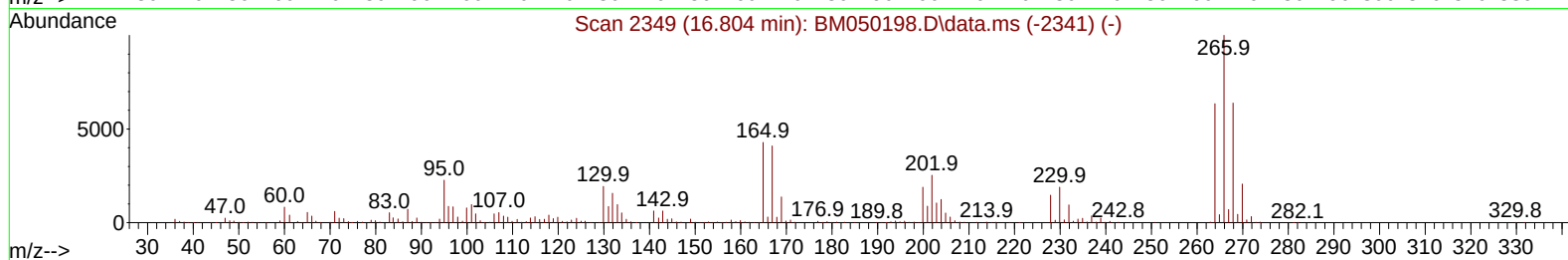
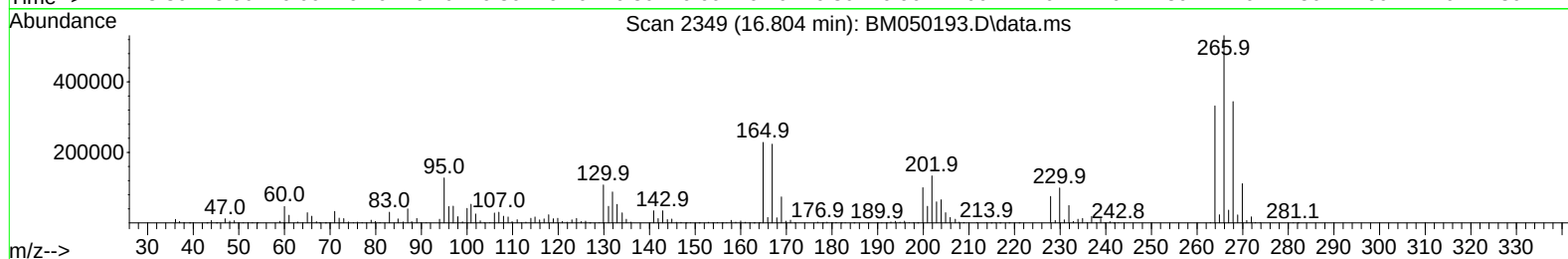
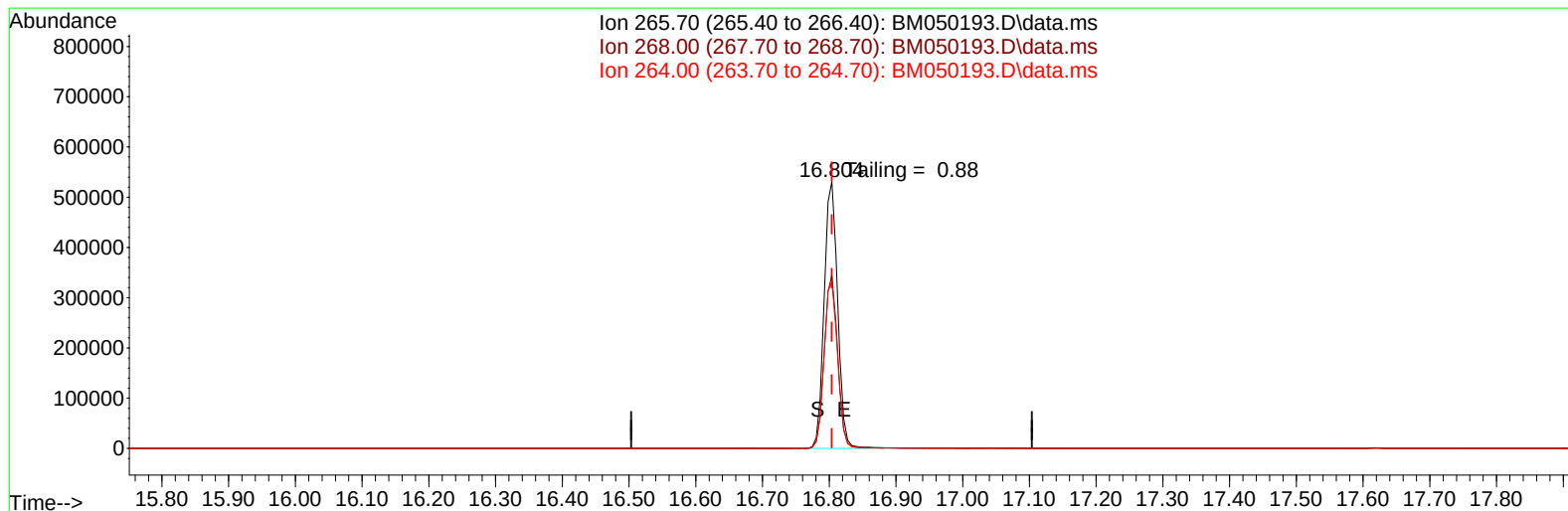
AutoFind: Scans 2486, 2487, 2488; Background Corrected with Scan 2479

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	20.3	101444	PASS
68	69	0.00	2	1.6	2964	PASS
69	198	0.00	100	37.2	185664	PASS
70	69	0.00	2	0.6	1032	PASS
127	198	10	80	47.5	237035	PASS
197	198	0.00	2	0.4	1811	PASS
198	198	100	100	100.0	499264	PASS
199	198	5	9	7.0	34904	PASS
275	198	10	60	24.6	122771	PASS
365	198	1	100	3.2	16128	PASS
441	198	0.01	100	11.6	57920	PASS
442	442	50	100	100.0	371584	PASS
443	442	15	24	19.9	74069	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050193.D
Acq On : 05 Jun 2025 08:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 05 16:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



TIC: BM050193.D\data.ms

(70) Pentachlorophenol (C)

16.804min (+ 0.000) 1708888.69 ng

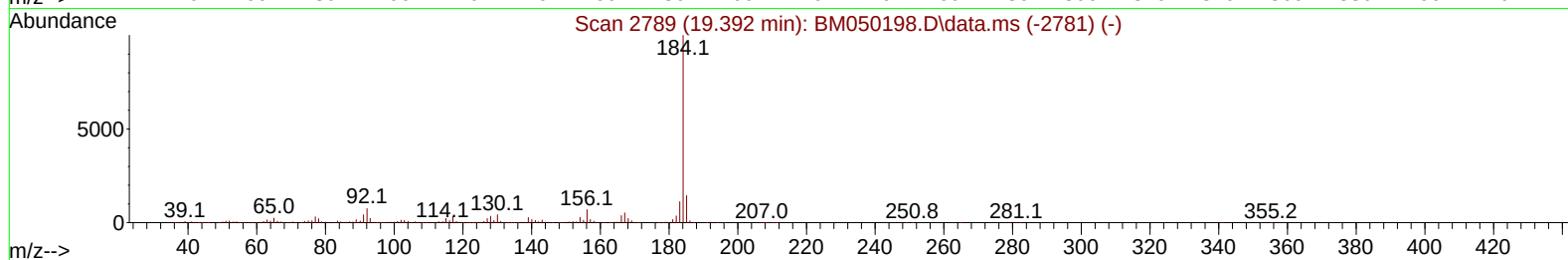
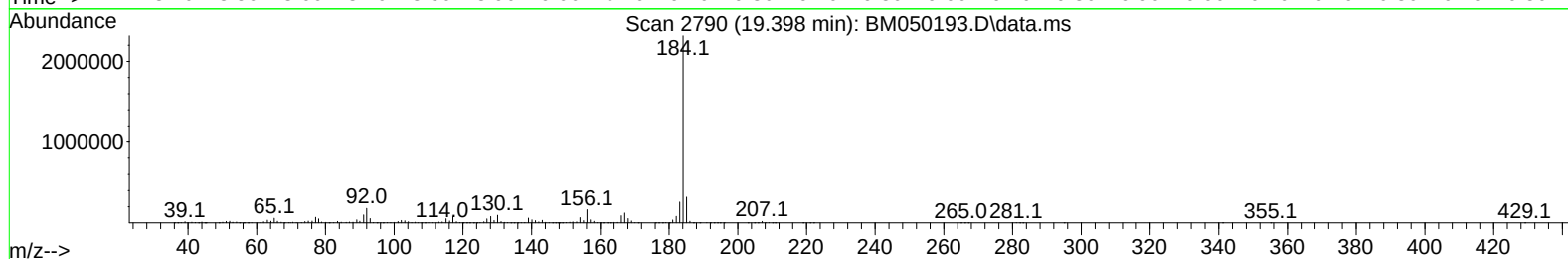
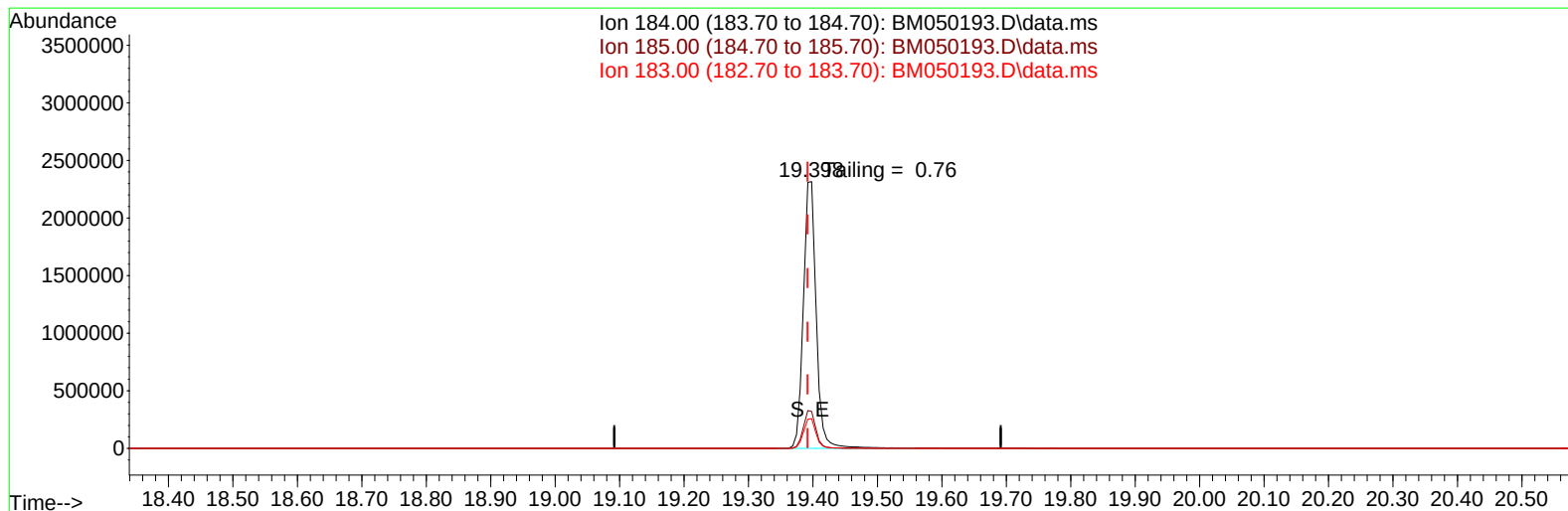
response 747502

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.80
264.00	63.50	62.45
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050193.D
Acq On : 05 Jun 2025 08:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 05 16:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



TIC: BM050193.D\data.ms

(77) Benzidine**19.398min (+ 0.006) 33233.28 ng****response 3215775**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.84
183.00	11.20	11.16
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/5/2025	BNA_M	<u>BM050193.D</u>
Compound Name	Response	Retention Time
DDT	1539212	20.645
DDD	20154	20.257
DDE	1832	19.692
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
21986	1561198	1.41

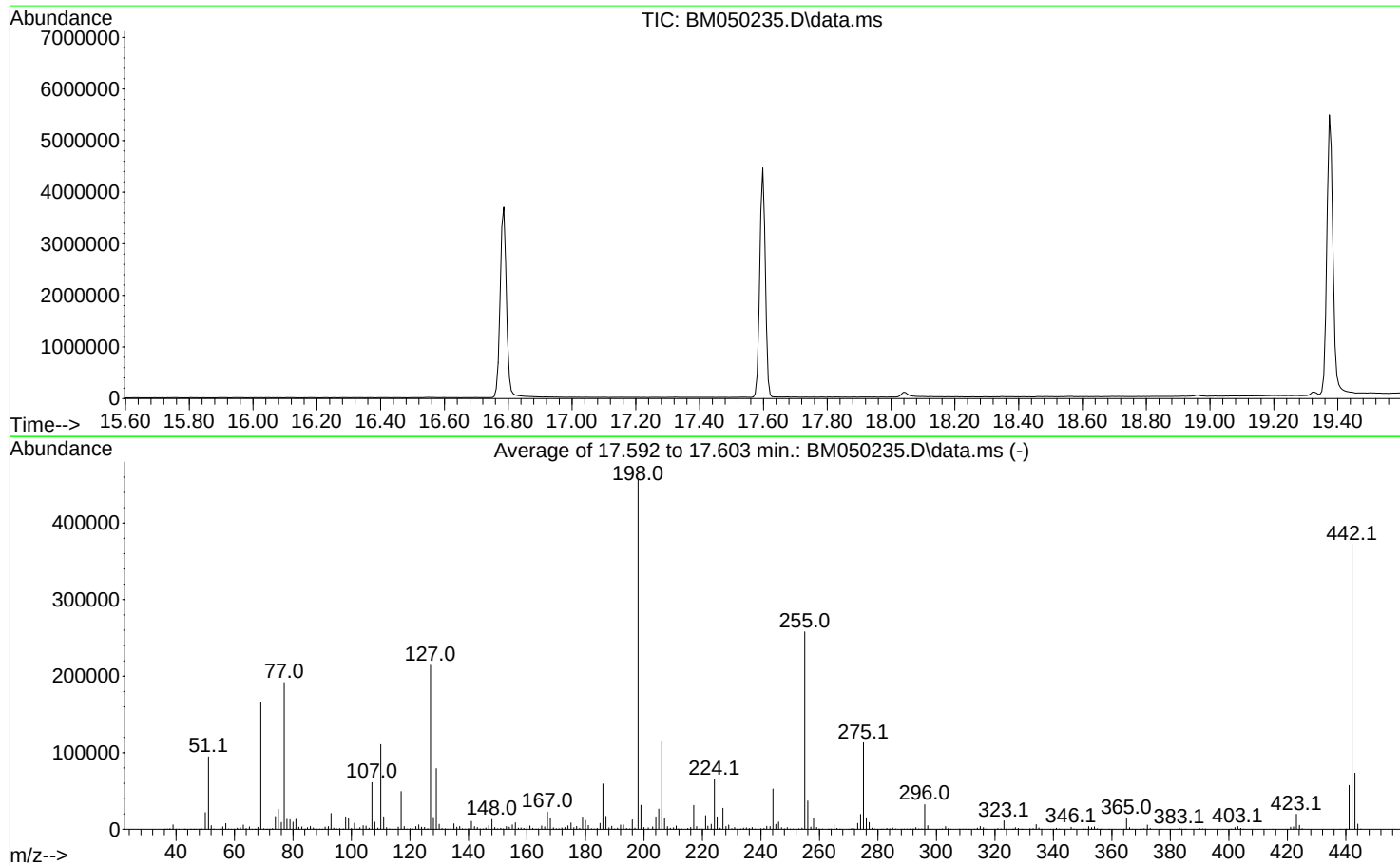
Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050235.D
Acq On : 09 Jun 2025 10:07
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Jun 09 11:54:38 2025



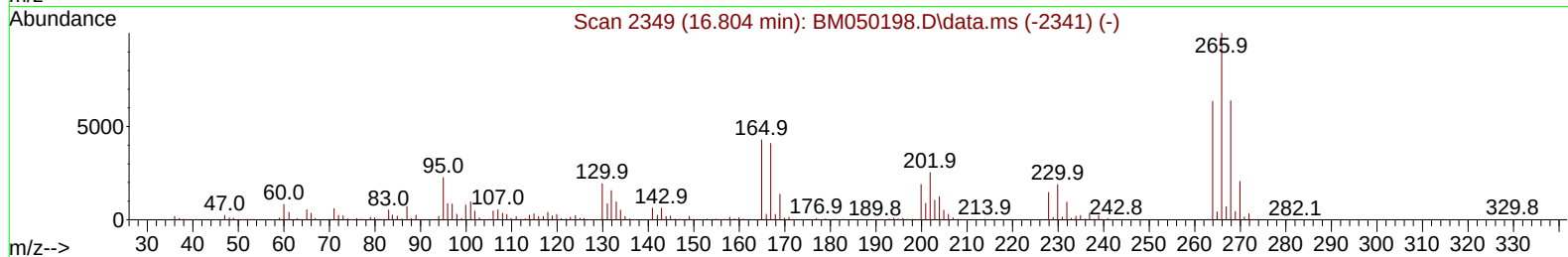
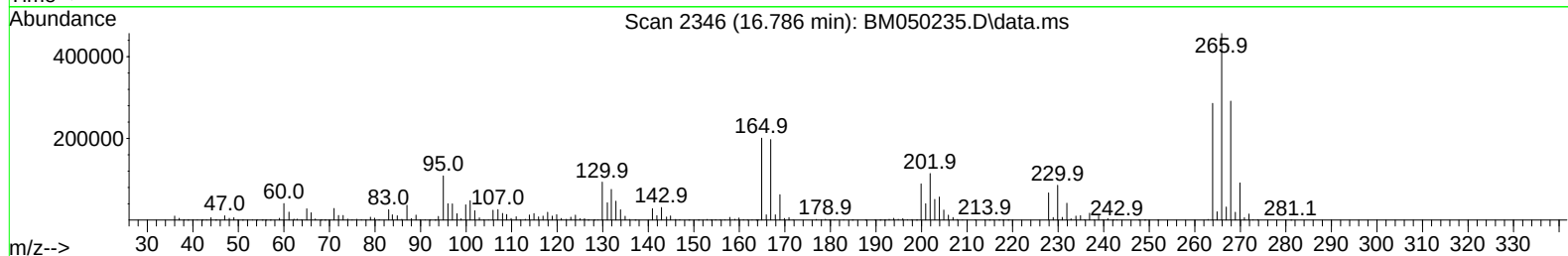
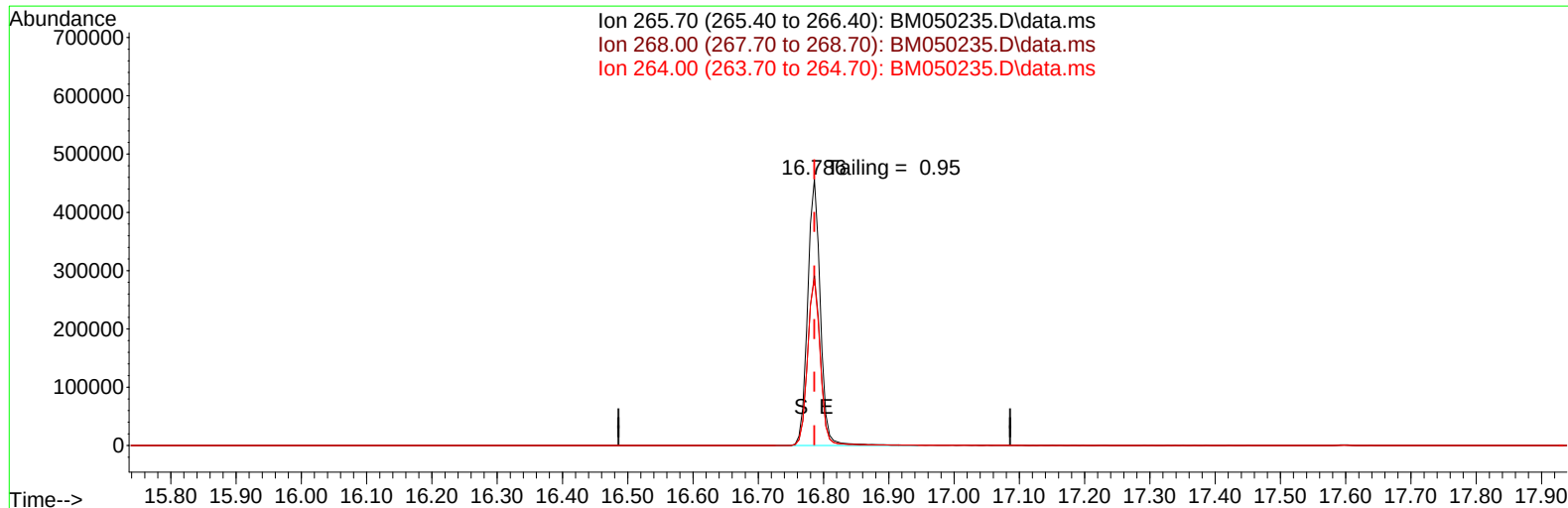
AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	20.7	94583	PASS
68	69	0.00	2	1.6	2624	PASS
69	198	0.00	100	36.3	165736	PASS
70	69	0.00	2	0.5	805	PASS
127	198	10	80	46.9	214315	PASS
197	198	0.00	2	0.4	1683	PASS
198	198	100	100	100.0	456747	PASS
199	198	5	9	6.9	31357	PASS
275	198	10	60	24.7	112981	PASS
365	198	1	100	3.2	14692	PASS
441	198	0.01	100	12.5	57299	PASS
442	442	50	100	100.0	372181	PASS
443	442	15	24	19.7	73325	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050235.D
Acq On : 09 Jun 2025 10:07
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 09 13:03:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



TIC: BM050235.D\data.ms

(70) Pentachlorophenol (C)

16.786min (-0.000) 0.00 ng

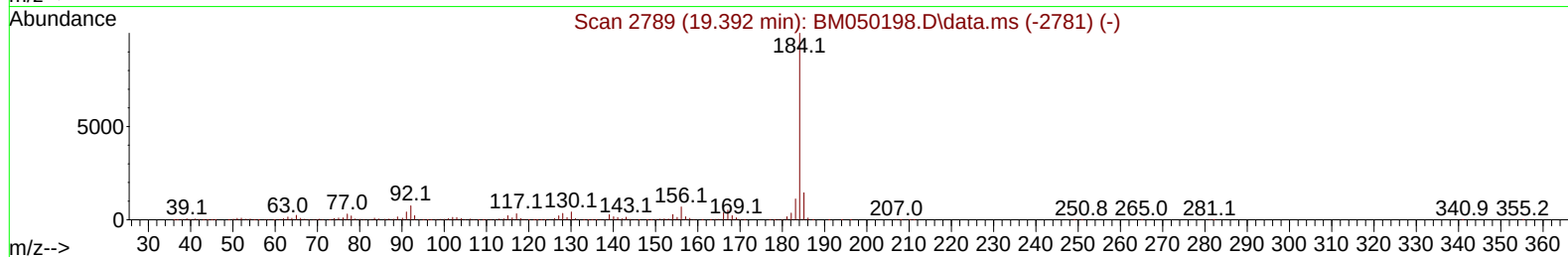
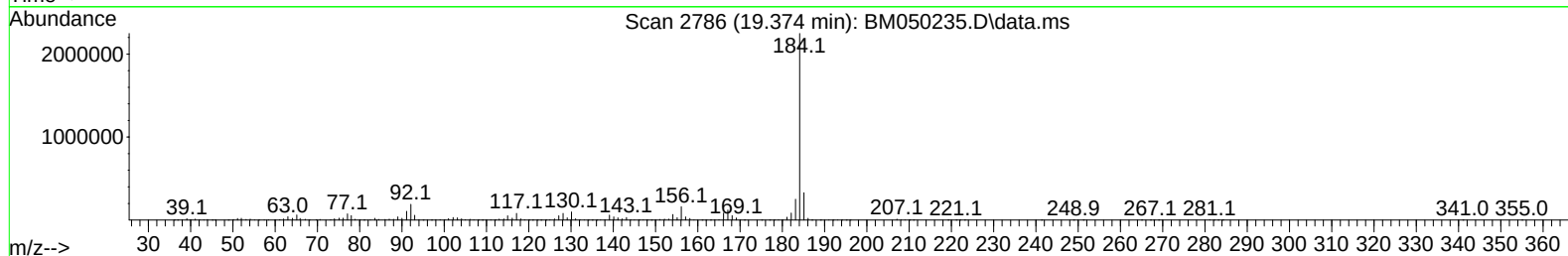
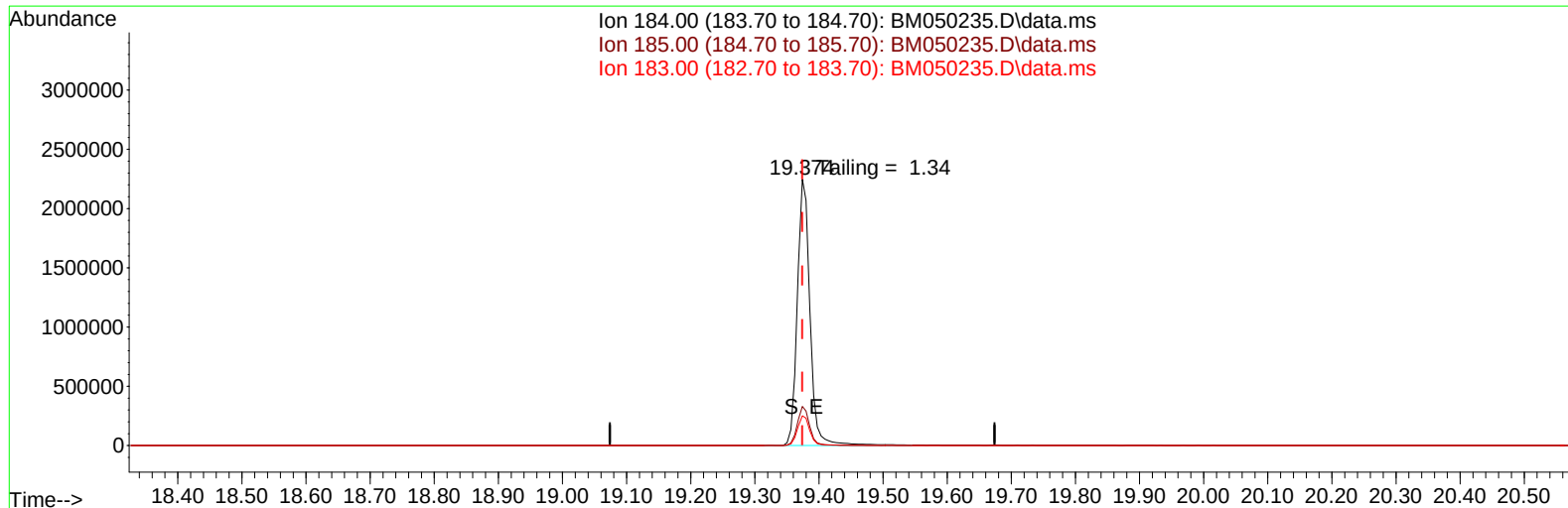
response 616214

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	63.75
264.00	63.50	62.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050235.D
Acq On : 09 Jun 2025 10:07
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 09 13:03:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



TIC: BM050235.D\data.ms

(77) Benzidine**19.374min (-0.000) 298883.97 ng****response 3092988**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.66
183.00	11.20	11.14
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/9/2025	BNA_M	<u>BM050235.D</u>
Compound Name	Response	Retention Time
DDT	15270008	20.621
DDD	18649	20.233
DDE	1319	19.674
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
19968	15289976	0.13

Instrument :
BNA_M
ClientSampleId :
DFTPP

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Seely	Date Received:	
Client Sample ID:	PB168340BL	SDG No.:	Q2125
Lab Sample ID:	PB168340BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
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
BM050237.D	1	06/06/25 09:15	06/09/25 11:26	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	88.6		30 (67) - 130 (132)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.3		30 (52) - 130 (132)	89%	SPK: 100
1718-51-0	Terphenyl-d14	86.4		30 (42) - 130 (152)	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	309000	7.769			
1146-65-2	Naphthalene-d8	1160000	10.557			
15067-26-2	Acenaphthene-d10	647000	14.398			
1517-22-2	Phenanthrene-d10	1270000	17.133			
1719-03-5	Chrysene-d12	1360000	21.368			
1520-96-3	Perylene-d12	1480000	24.344			

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_M\Data\BM060925\
Data File : BM050237.D
Acq On : 09 Jun 2025 11:26
Operator : RC/JU
Sample : PB168340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Quant Time: Jun 09 12:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	308898	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1157442	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	647360	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1268443	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1357312	20.000	ng	0.00
86) Perylene-d12	24.344	264	1477668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2728386	147.341	ng	0.00
7) Phenol-d6	6.934	99	3343794	137.173	ng	0.00
23) Nitrobenzene-d5	8.916	82	1971126	88.570	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1112019	151.023	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4271637	89.335	ng	0.00
79) Terphenyl-d14	19.768	244	6189153	86.410	ng	0.00

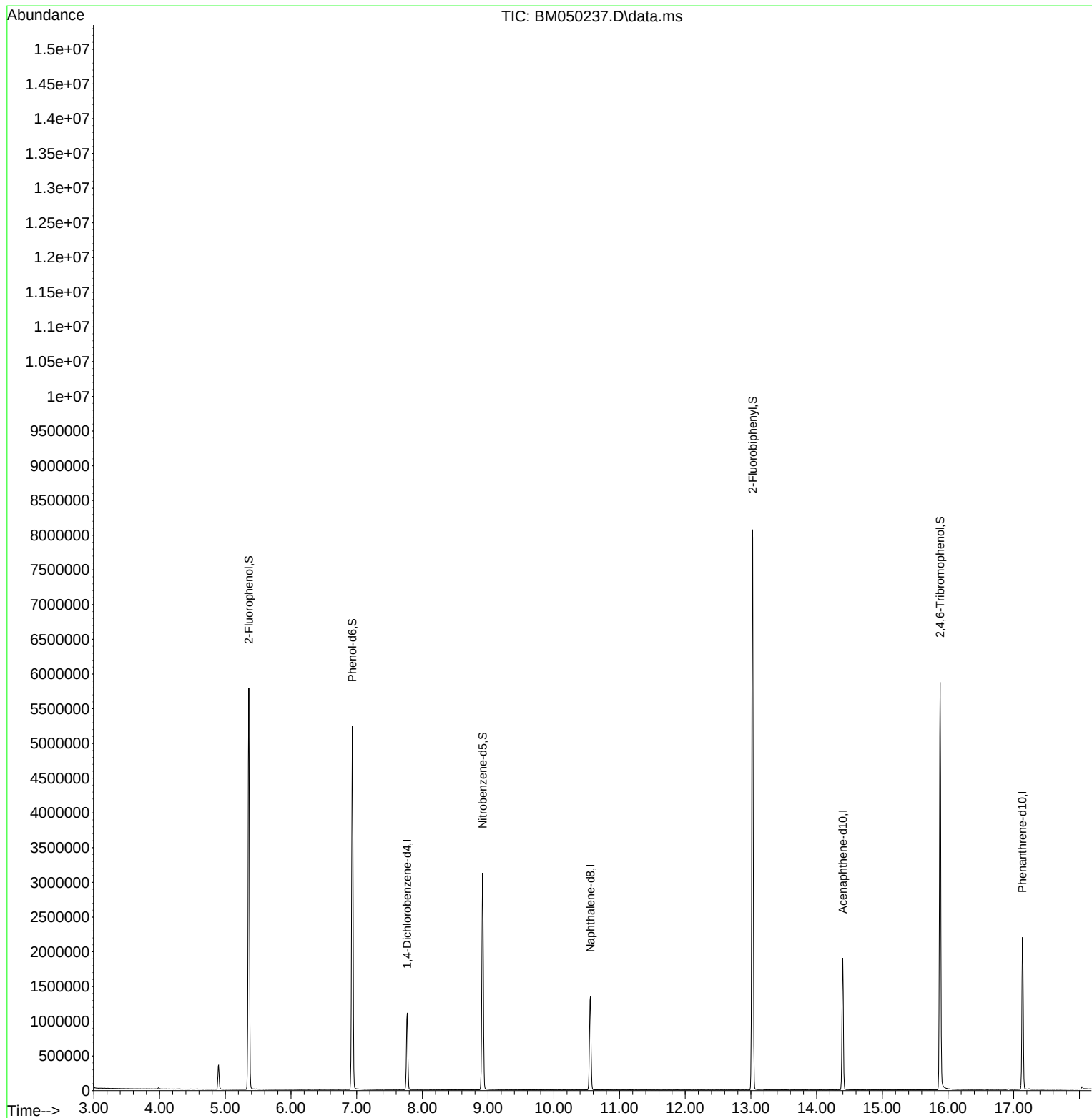
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050237.D
Acq On : 09 Jun 2025 11:26
Operator : RC/JU
Sample : PB168340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340BL

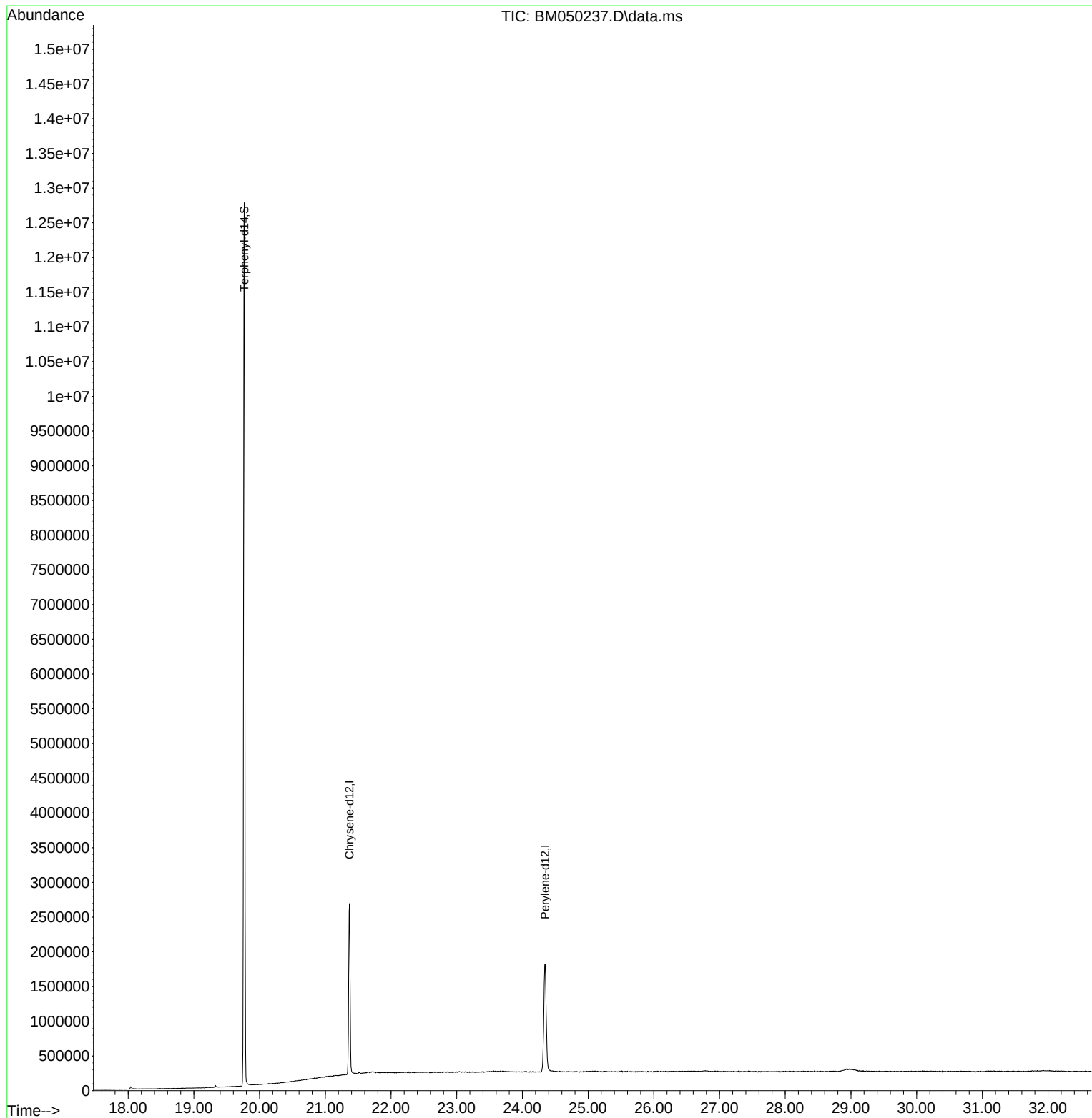
Quant Time: Jun 09 12:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

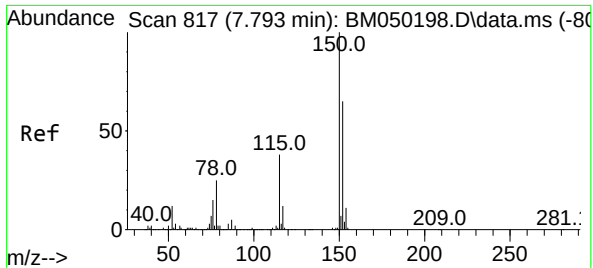


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050237.D
Acq On : 09 Jun 2025 11:26
Operator : RC/JU
Sample : PB168340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Quant Time: Jun 09 12:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

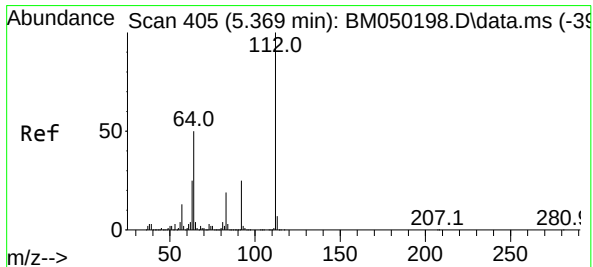
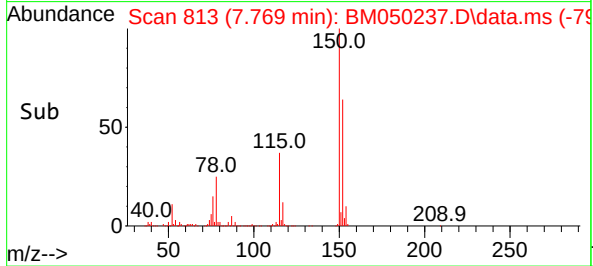
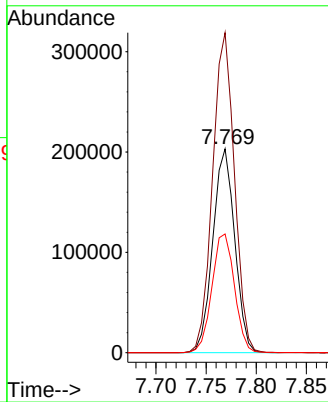
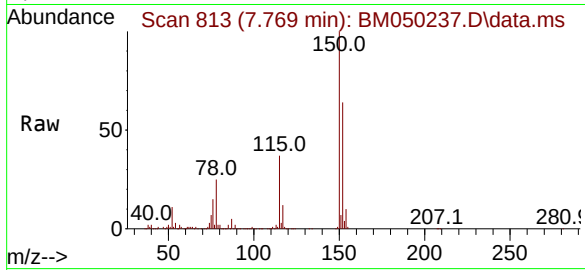




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

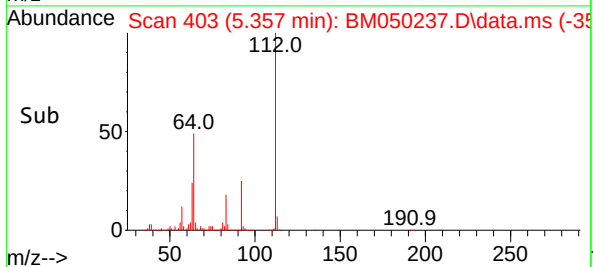
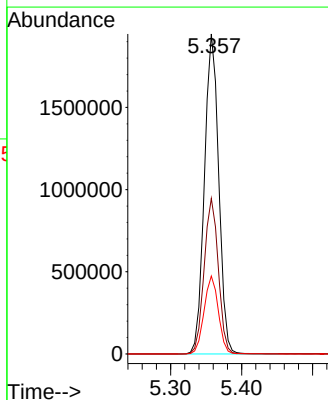
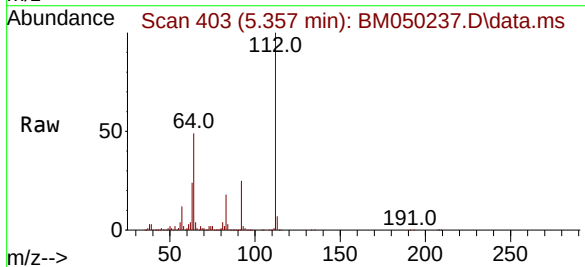
Instrument :
BNA_M
ClientSampleId :
PB168340BL

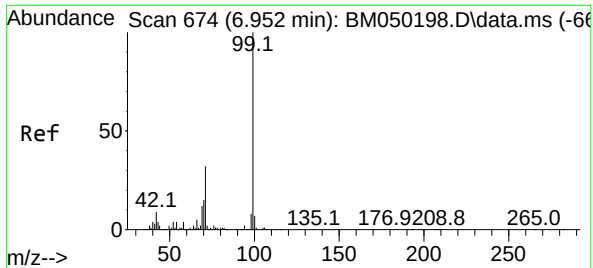
Tgt Ion:152 Resp: 308898
Ion Ratio Lower Upper
152 100
150 157.0 122.2 183.4
115 58.2 46.3 69.5



#5
2-Fluorophenol
Concen: 147.341 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:112 Resp: 2728386
Ion Ratio Lower Upper
112 100
64 48.6 39.8 59.6
63 24.4 19.8 29.8

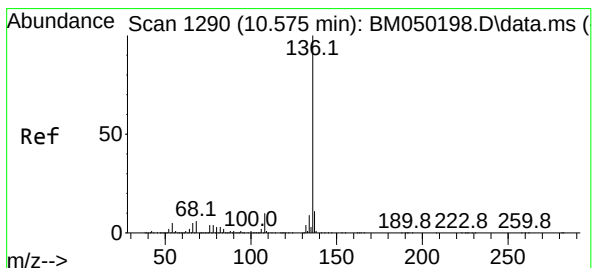
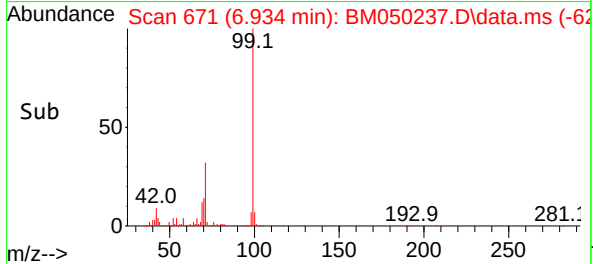
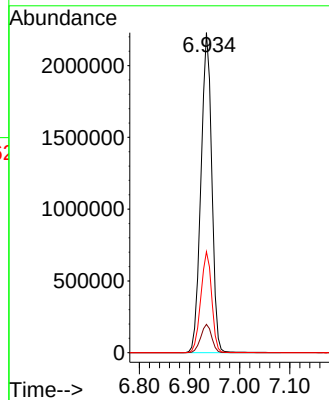
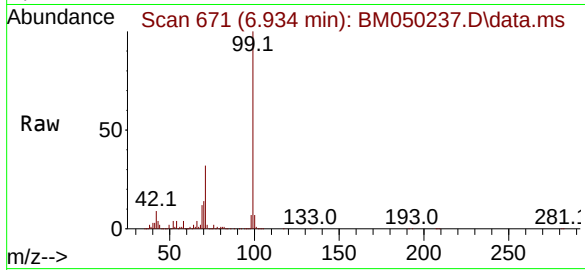




#7
Phenol-d6
Concen: 137.173 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

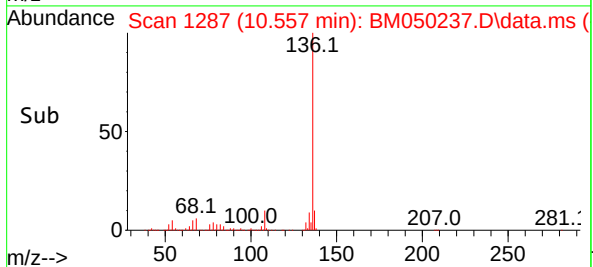
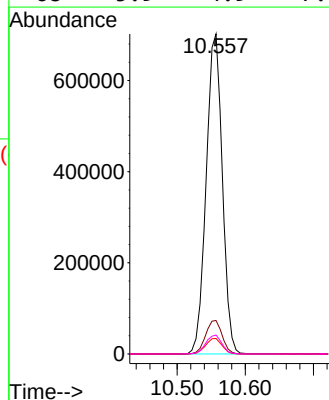
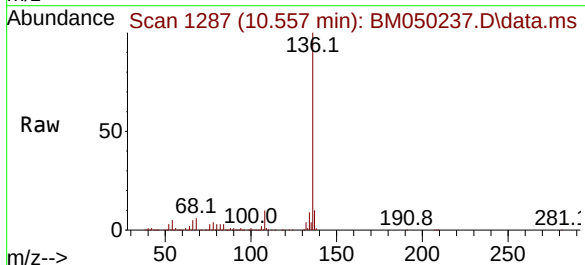
Instrument :
BNA_M
ClientSampleId :
PB168340BL

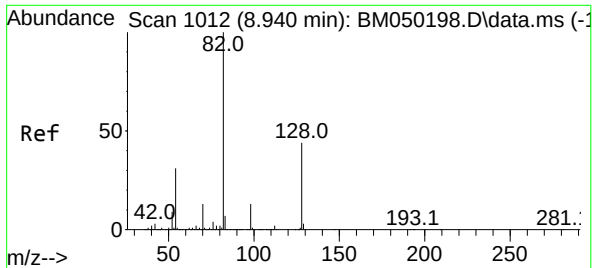
Tgt Ion: 99 Resp: 3343794
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 31.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion: 136 Resp: 1157442
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 4.9 3.8 5.8
68 5.9 4.9 7.3

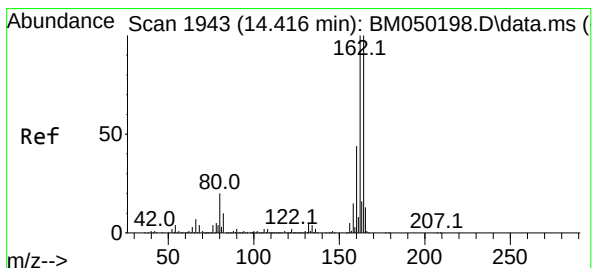
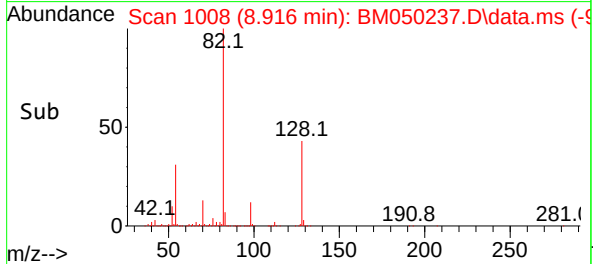
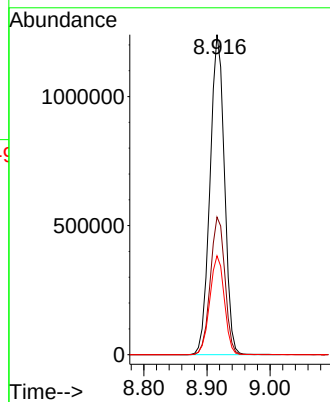
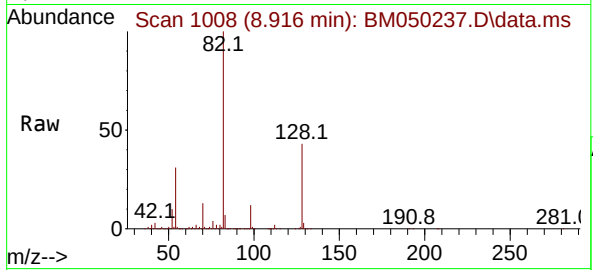




#23
Nitrobenzene-d5
Concen: 88.570 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

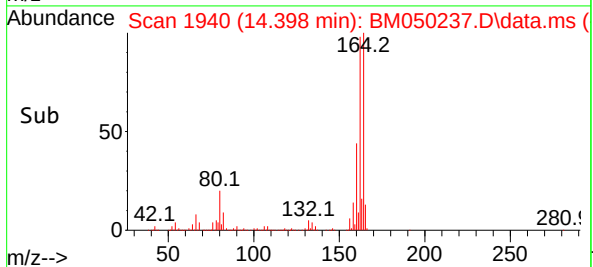
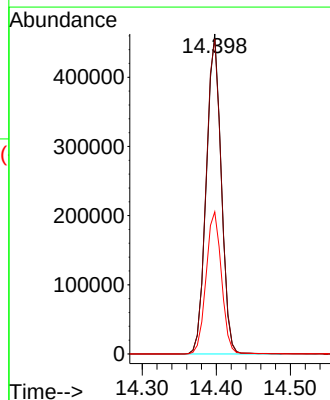
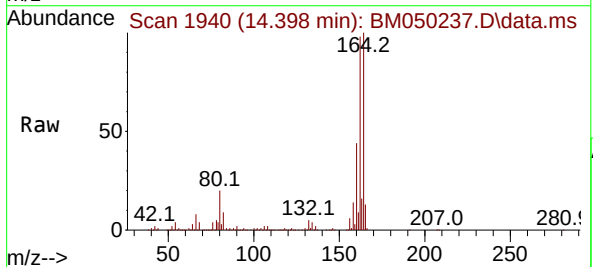
Instrument :
BNA_M
ClientSampleId :
PB168340BL

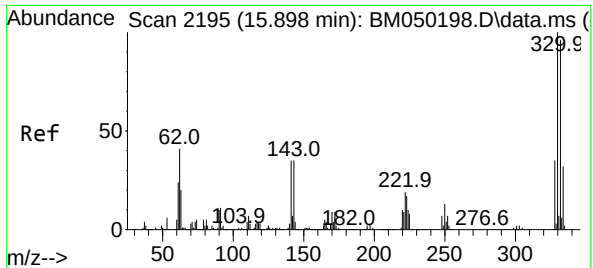
Tgt Ion: 82 Resp: 1971126
Ion Ratio Lower Upper
82 100
128 43.0 35.2 52.8
54 30.9 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

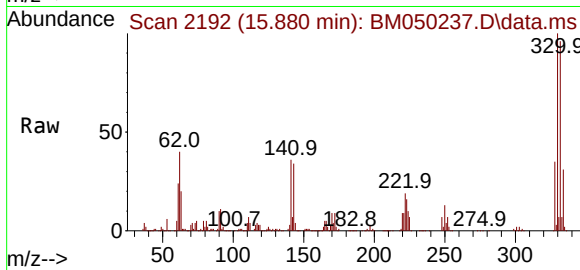
Tgt Ion:164 Resp: 647360
Ion Ratio Lower Upper
164 100
162 98.4 80.2 120.4
160 44.4 35.7 53.5



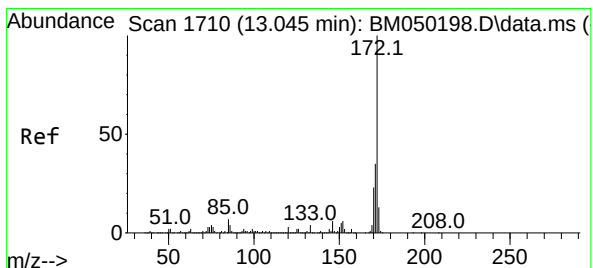
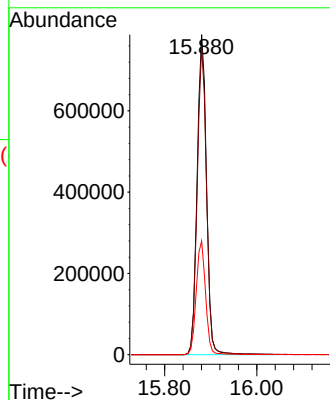
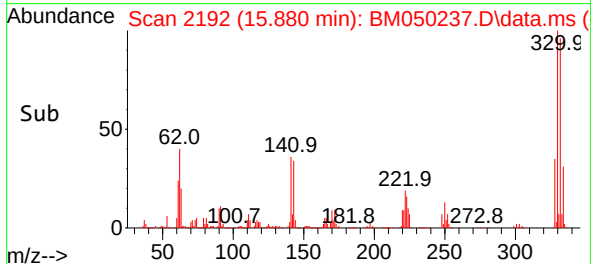


#42
2,4,6-Tribromophenol
Concen: 151.023 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

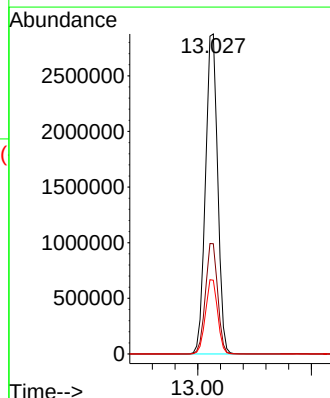
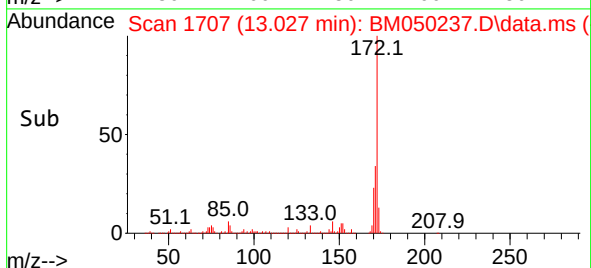
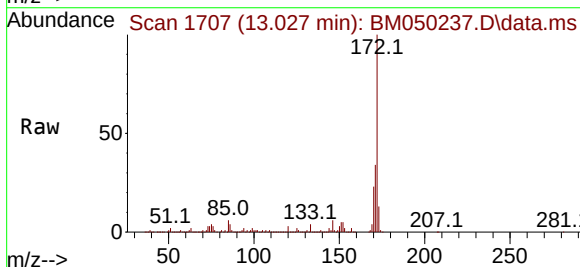


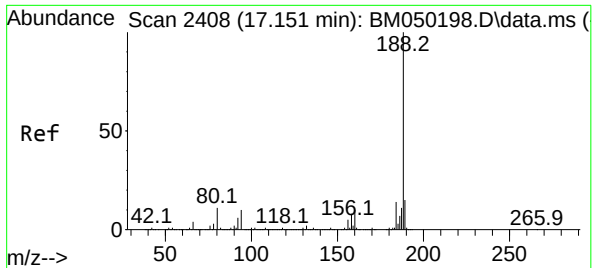
Tgt Ion:330 Resp: 1112019
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 35.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 89.335 ng
RT: 13.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:172 Resp: 4271637
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.0 18.6 27.8

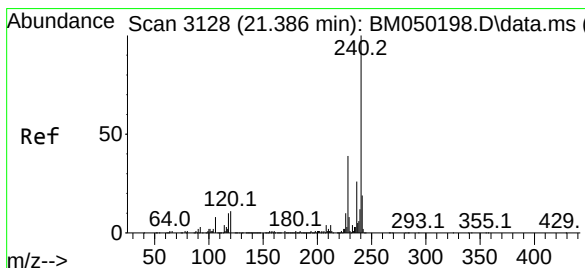
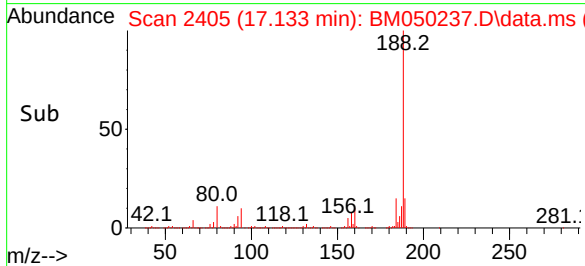
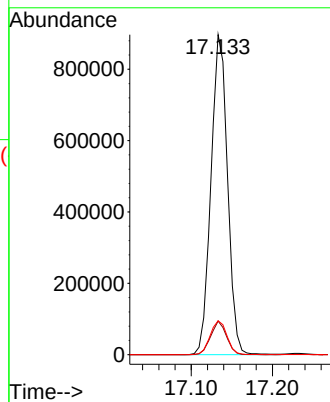
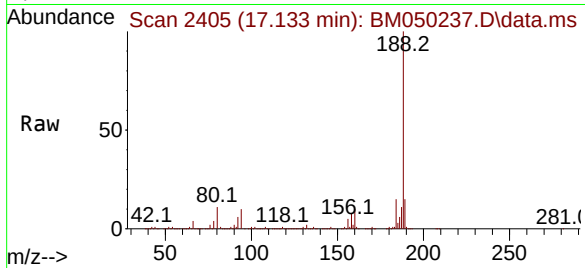




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

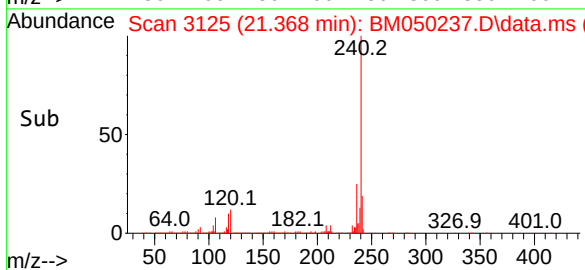
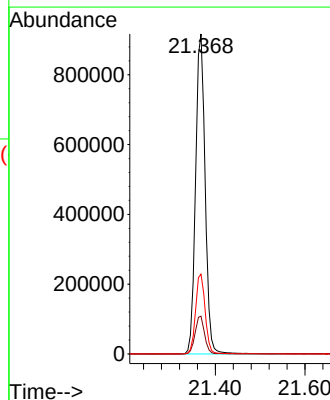
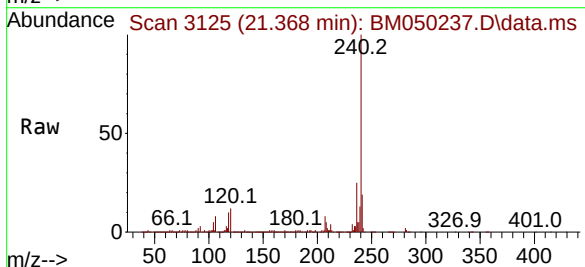
Instrument :
BNA_M
ClientSampleId :
PB168340BL

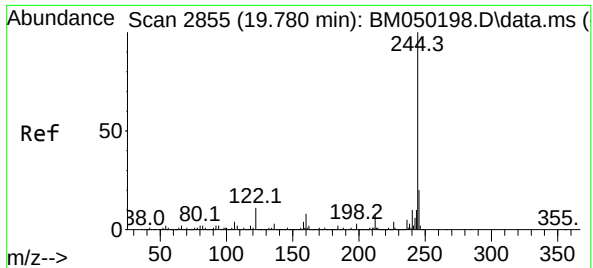
Tgt Ion:188 Resp: 1268443
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:240 Resp: 1357312
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.4
236 25.0 20.7 31.1

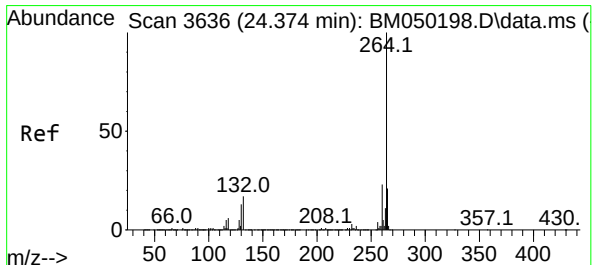
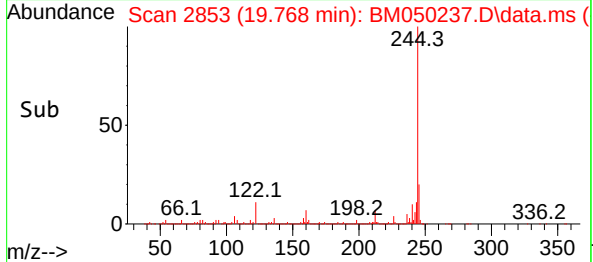
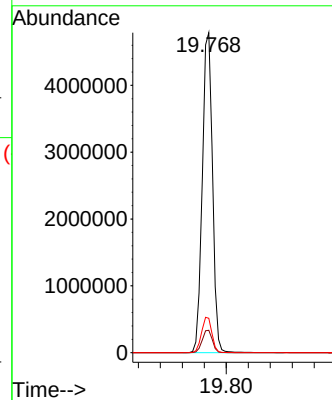
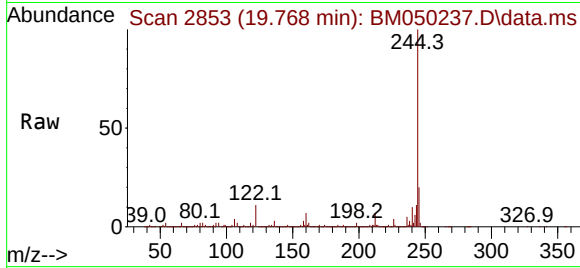




#79
Terphenyl-d14
Concen: 86.410 ng
RT: 19.768 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

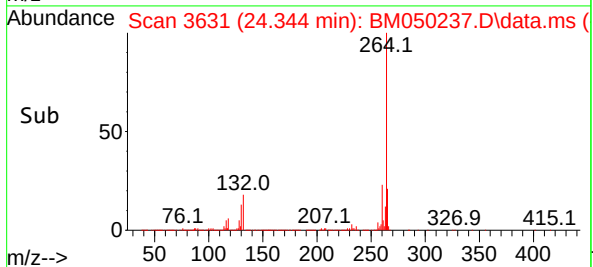
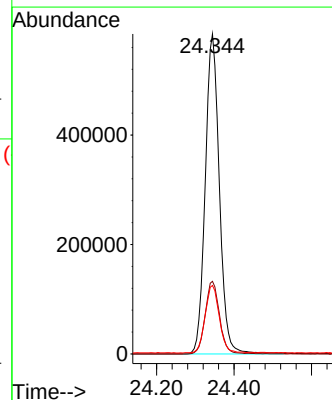
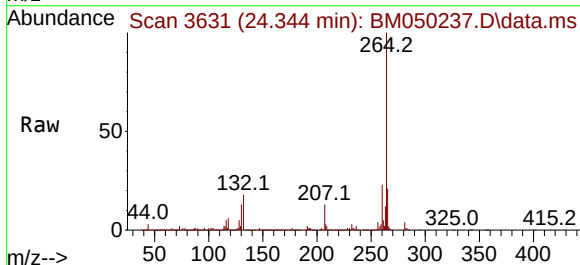
Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion:244 Resp: 6189153
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:264 Resp: 1477668
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.4 16.8 25.2



Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Seely	Date Received:	
Client Sample ID:	PB168340BS	SDG No.:	Q2125
Lab Sample ID:	PB168340BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
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
BM050238.D	1	06/06/25 09:15	06/09/25 12:05	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	45.8		0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	47.5		0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	83.8		30 (67) - 130 (132)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.9		30 (52) - 130 (132)	81%	SPK: 100
1718-51-0	Terphenyl-d14	82.7		30 (42) - 130 (152)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	321000	7.769			
1146-65-2	Naphthalene-d8	1260000	10.557			
15067-26-2	Acenaphthene-d10	744000	14.398			
1517-22-2	Phenanthrene-d10	1440000	17.139			
1719-03-5	Chrysene-d12	1510000	21.374			
1520-96-3	Perylene-d12	1650000	24.344			

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_M\Data\BM060925\
 Data File : BM050238.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB168340BS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 12:47:48 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	320774	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1257053	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	743659	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1440533	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1506864	20.000	ng	0.00
86) Perylene-d12	24.344	264	1650438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2638389	137.206	ng	0.00
7) Phenol-d6	6.934	99	3384383	133.698	ng	0.00
23) Nitrobenzene-d5	8.916	82	2026373	83.837	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1235095	146.017	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4443623	80.897	ng	0.00
79) Terphenyl-d14	19.768	244	6572801	82.659	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	293881	34.865	ng	96
3) Pyridine	3.669	79	858280	39.320	ng	99
4) n-Nitrosodimethylamine	3.581	42	202342	44.828	ng	98
6) Aniline	7.092	93	1011663	30.231	ng	98
8) 2-Chlorophenol	7.334	128	1019547	48.202	ng	99
9) Benzaldehyde	6.904	77	515804	32.049	ng	96
10) Phenol	6.963	94	1284171	47.946	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	982431	45.603	ng	97
12) 1,3-Dichlorobenzene	7.657	146	1055739	44.647	ng	98
13) 1,4-Dichlorobenzene	7.804	146	1085947	44.139	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1048729	44.715	ng	99
15) Benzyl Alcohol	8.004	79	843230	46.704	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	715230	47.792	ng	97
17) 2-Methylphenol	8.204	107	846340	47.891	ng	99
18) Hexachloroethane	8.851	117	403890	45.332	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	708387	45.730	ng	98
20) 3+4-Methylphenols	8.533	107	1131847	47.871	ng	98
22) Acetophenone	8.586	105	1454601	46.318	ng	# 99
24) Nitrobenzene	8.957	77	1057551	48.109	ng	97
25) Isophorone	9.486	82	1969912	47.220	ng	99
26) 2-Nitrophenol	9.669	139	472285	49.772	ng	99
27) 2,4-Dimethylphenol	9.733	122	963560	49.422	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1298501	47.646	ng	99
29) 2,4-Dichlorophenol	10.204	162	903658	50.086	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	926996	46.171	ng	99
31) Naphthalene	10.604	128	2974404	45.765	ng	99
32) Benzoic acid	9.863	122	640105	52.242	ng	99
33) 4-Chloroaniline	10.704	127	568403	20.514	ng	99
34) Hexachlorobutadiene	10.904	225	541097	45.310	ng	100
35) Caprolactam	11.480	113	292927m	51.211	ng	
36) 4-Chloro-3-methylphenol	11.833	107	971490	50.462	ng	100
37) 2-Methylnaphthalene	12.221	142	1860745	47.458	ng	99
38) 1-Methylnaphthalene	12.439	142	1952531	46.919	ng	99
40) 1,2,4,5-Tetrachloroben...	12.592	216	1005342	46.817	ng	99
41) Hexachlorocyclopentadiene	12.580	237	1304356	100.018	ng	98
43) 2,4,6-Trichlorophenol	12.827	196	711376	50.375	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050238.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB168340BS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 12:47:48 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	784491	50.597	ng	98
46) 1,1'-Biphenyl	13.233	154	2623701	47.117	ng	99
47) 2-Chloronaphthalene	13.274	162	2017409	46.601	ng	99
48) 2-Nitroaniline	13.468	65	527217	55.341	ng	98
49) Acenaphthylene	14.121	152	3401925	48.585	ng	100
50) Dimethylphthalate	13.863	163	2523932	50.184	ng	100
51) 2,6-Dinitrotoluene	13.968	165	543164	53.553	ng	97
52) Acenaphthene	14.462	154	2318364m	52.935	ng	
53) 3-Nitroaniline	14.292	138	316006	27.955	ng	99
54) 2,4-Dinitrophenol	14.498	184	635352	114.006	ng	96
55) Dibenzofuran	14.798	168	3097423	48.342	ng	99
56) 4-Nitrophenol	14.604	139	1121805	116.598	ng	100
57) 2,4-Dinitrotoluene	14.757	165	770010	57.552	ng	98
58) Fluorene	15.445	166	2402646	48.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	698096	52.041	ng	92
60) Diethylphthalate	15.233	149	2578921	51.680	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1160537	48.930	ng	99
62) 4-Nitroaniline	15.457	138	566413	53.462	ng	99
63) Azobenzene	15.739	77	2507403	50.272	ng	100
65) 4,6-Dinitro-2-methylph...	15.515	198	405706	51.564	ng	96
66) n-Nitrosodiphenylamine	15.656	169	2191325	48.414	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	746039	48.565	ng	98
68) Hexachlorobenzene	16.451	284	875561	48.784	ng	96
69) Atrazine	16.609	200	773565	53.638	ng	99
70) Pentachlorophenol	16.786	266	1257952	107.804	ng	100
71) Phenanthrene	17.180	178	3971003	48.255	ng	100
72) Anthracene	17.268	178	4042950	49.109	ng	100
73) Carbazole	17.533	167	3834360	51.125	ng	100
74) Di-n-butylphthalate	18.115	149	4430714	54.294	ng	100
75) Fluoranthene	19.192	202	4523643	52.126	ng	99
77) Benzidine	19.374	184	1694498	39.989	ng	100
78) Pyrene	19.556	202	4807428	47.334	ng	100
80) Butylbenzylphthalate	20.468	149	1912953	56.466	ng	99
81) Benzo(a)anthracene	21.356	228	4718074	49.467	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	927690	31.895	ng	100
83) Chrysene	21.415	228	4478849	49.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2985953	57.220	ng	99
85) Di-n-octyl phthalate	22.438	149	4874152	62.946	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	5729953	53.920	ng	100
88) Benzo(b)fluoranthene	23.415	252	4765849	49.666	ng	100
89) Benzo(k)fluoranthene	23.480	252	4799784	48.998	ng	100
90) Benzo(a)pyrene	24.209	252	4602184	51.011	ng	99
91) Dibenzo(a,h)anthracene	27.773	278	4653553	53.949	ng	99
92) Benzo(g,h,i)perylene	28.756	276	4644096	53.792	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050238.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB168340BS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

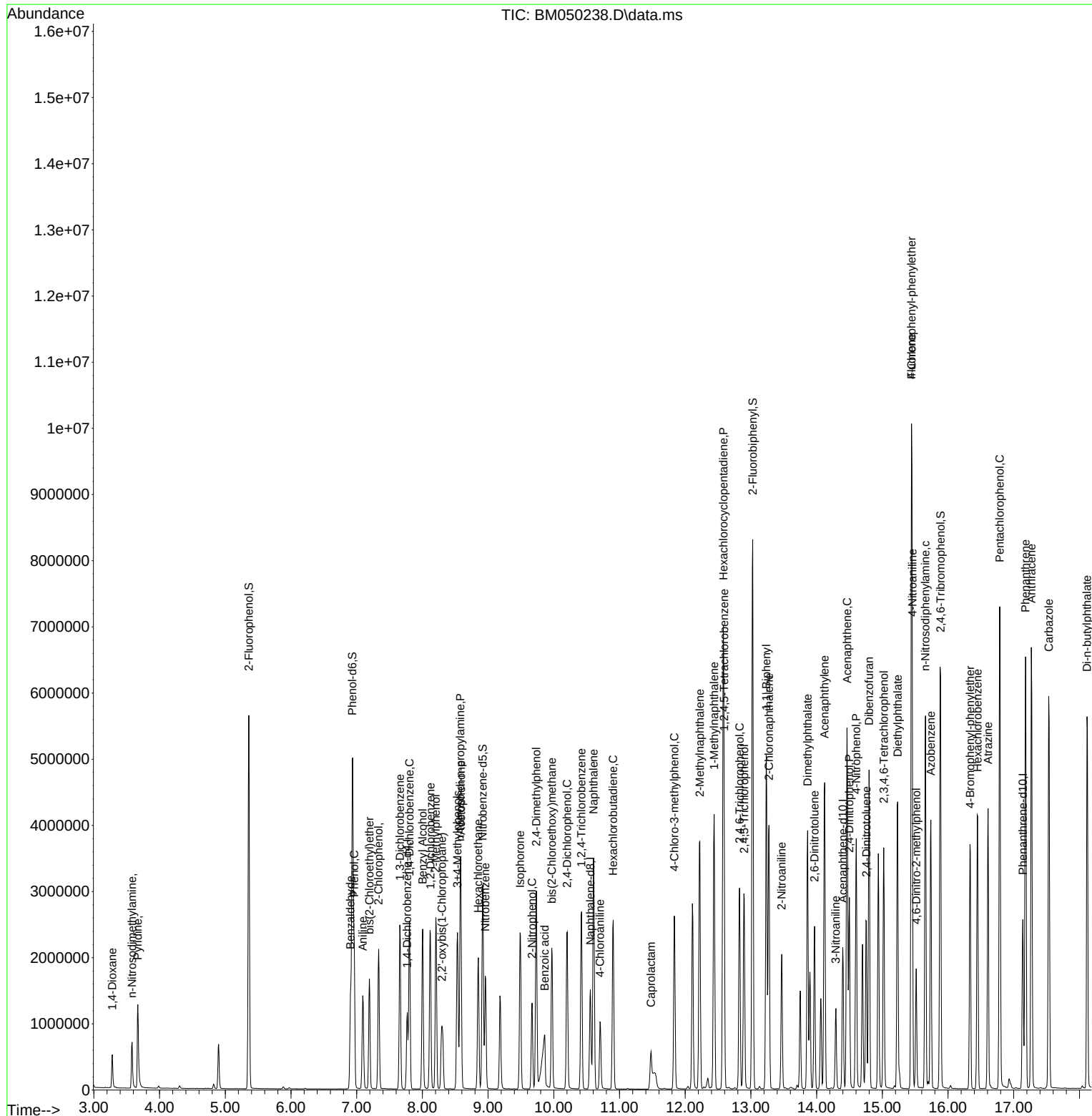
Quant Time: Jun 09 12:47:48 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

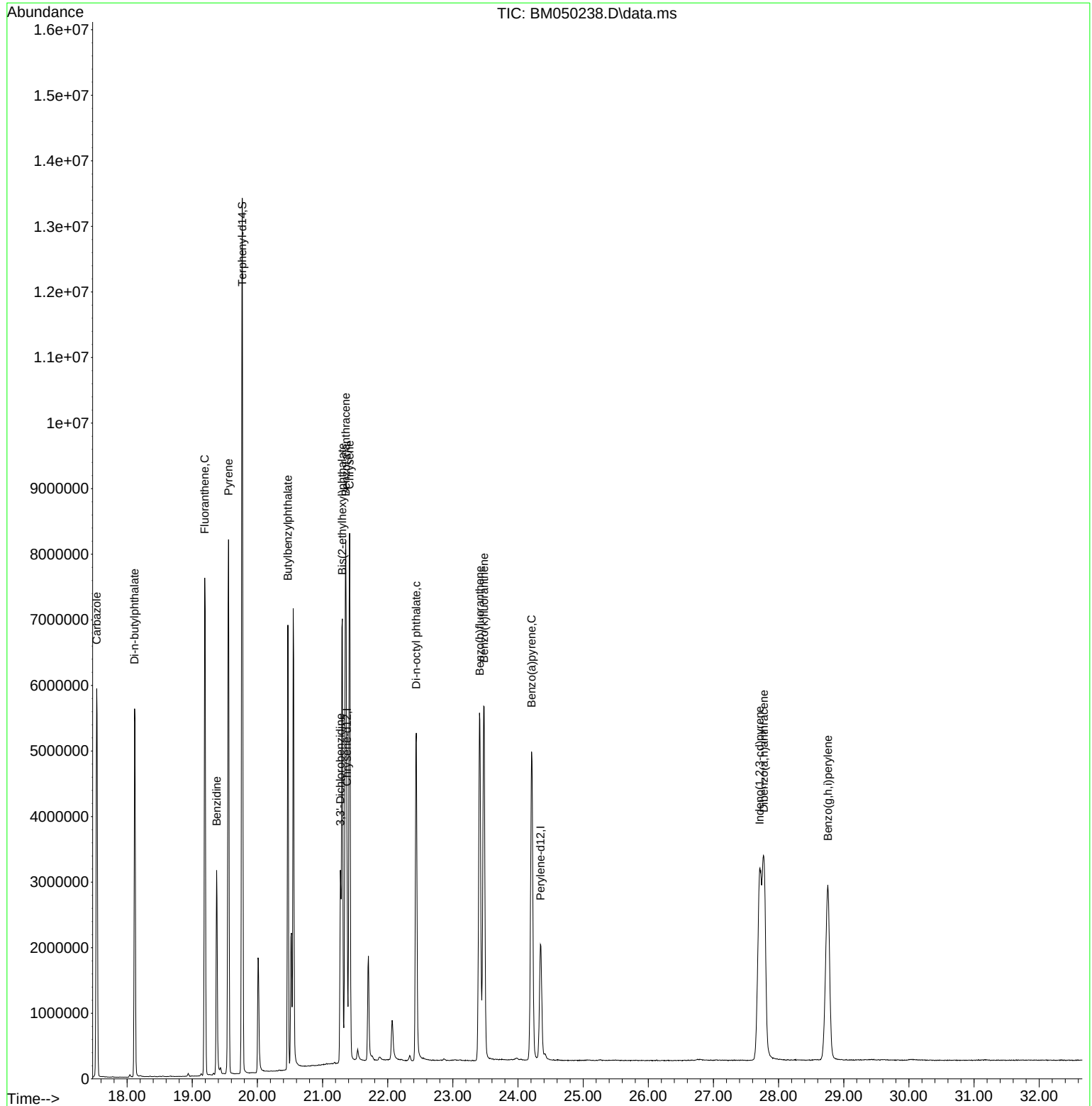
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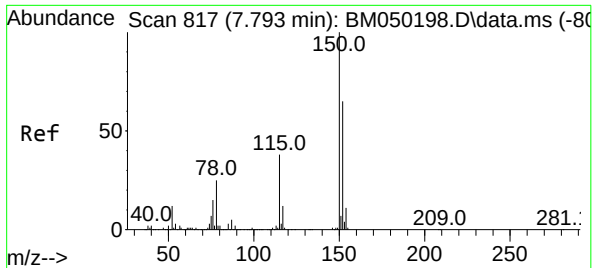


Instrument :
BNA_M
ClientSampleId :
PB168340BS

Manual Integrations

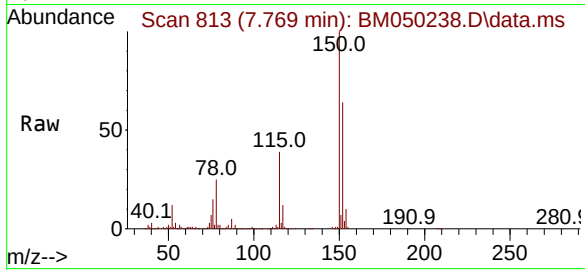
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

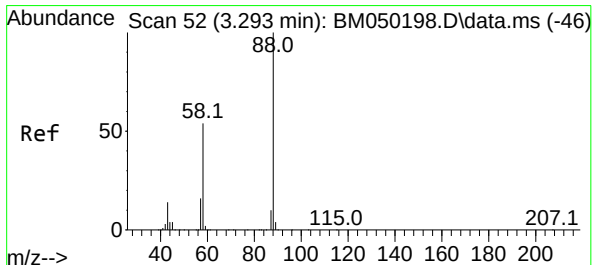
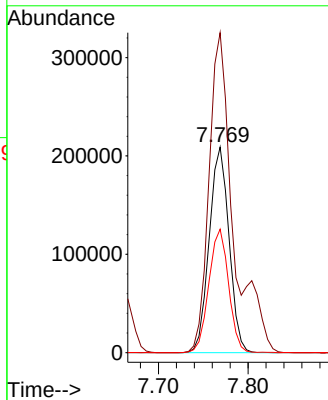
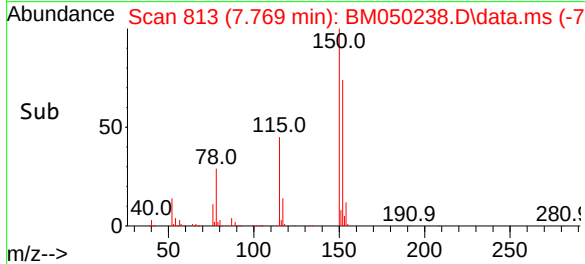
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:152 Resp: 320774
Ion Ratio Lower Upper
152 100
150 155.6 122.2 183.4
115 60.0 46.3 69.5

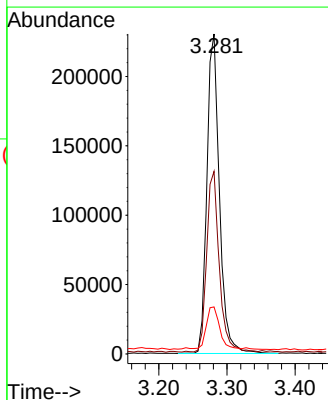
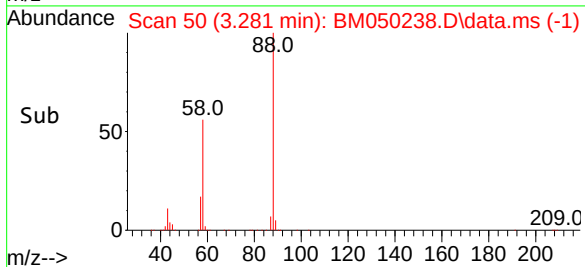
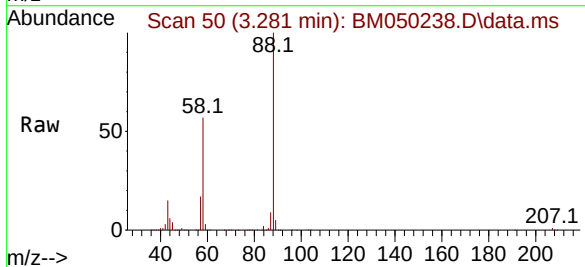
Manual Integrations
APPROVED

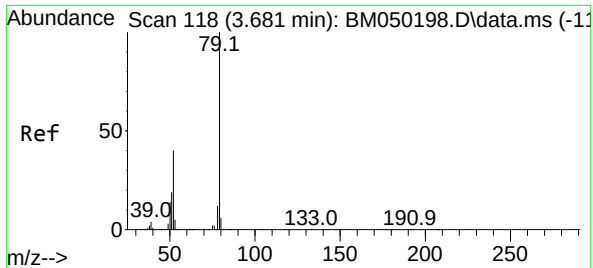
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 34.865 ng
RT: 3.281 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

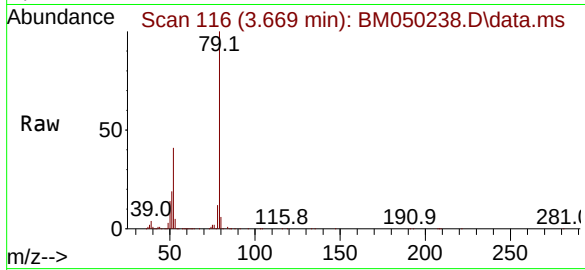
Tgt Ion: 88 Resp: 293881
Ion Ratio Lower Upper
88 100
58 56.7 42.9 64.3
43 13.5 11.0 16.6





#3
Pyridine
Concen: 39.320 ng
RT: 3.669 min Scan# 118
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

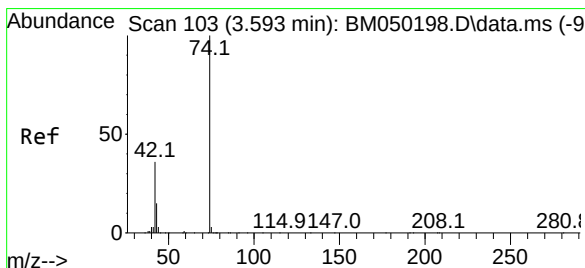
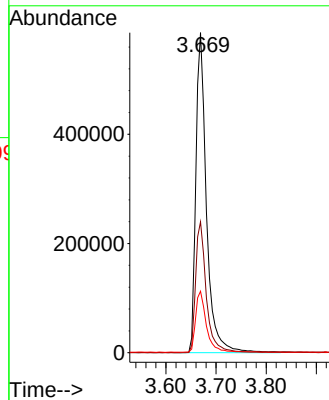
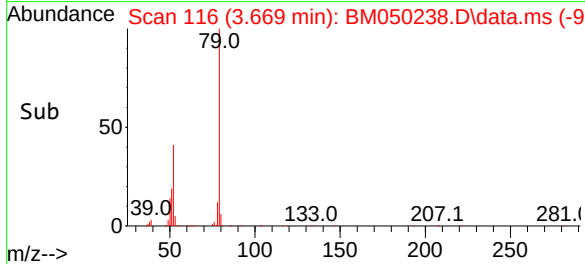
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion: 79 Resp: 858280
Ion Ratio Lower Upper
79 100
52 40.9 32.1 48.1
51 19.2 15.4 23.0

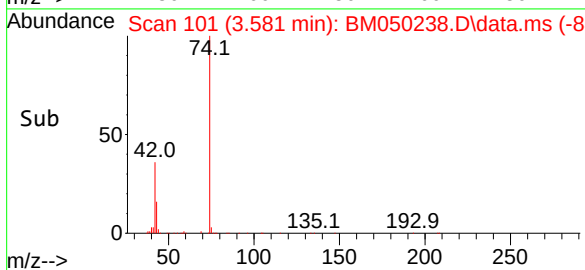
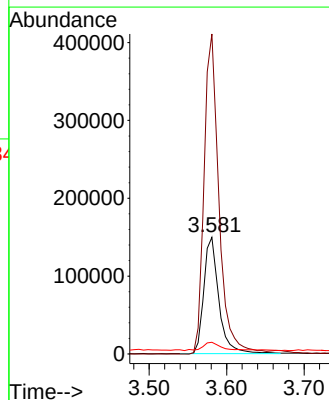
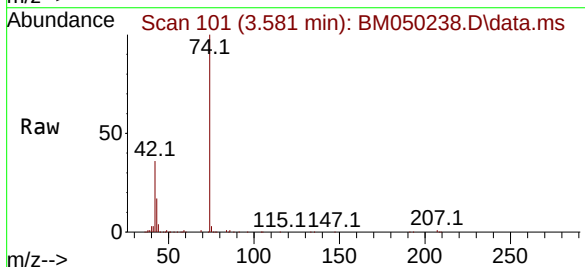
Manual Integrations
APPROVED

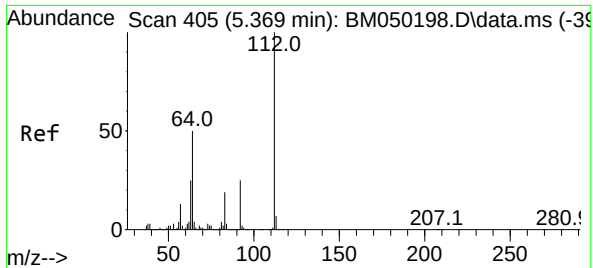
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#4
n-Nitrosodimethylamine
Concen: 44.828 ng
RT: 3.581 min Scan# 101
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

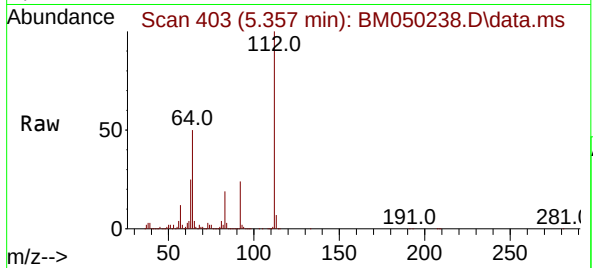
Tgt Ion: 42 Resp: 202342
Ion Ratio Lower Upper
42 100
74 274.3 222.0 333.0
44 10.0 7.0 10.6





#5
2-Fluorophenol
Concen: 137.206 ng
RT: 5.357 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

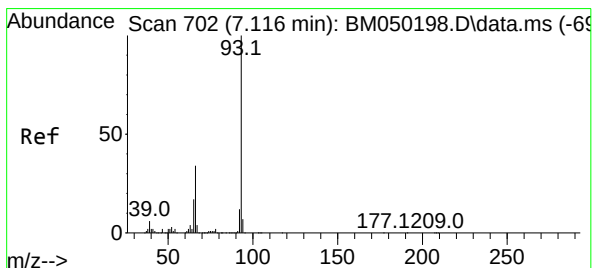
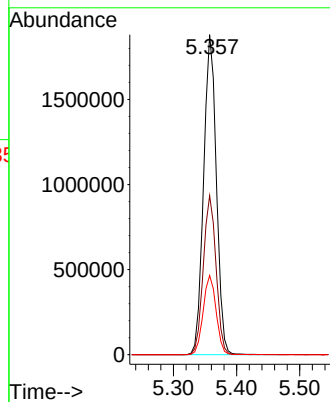
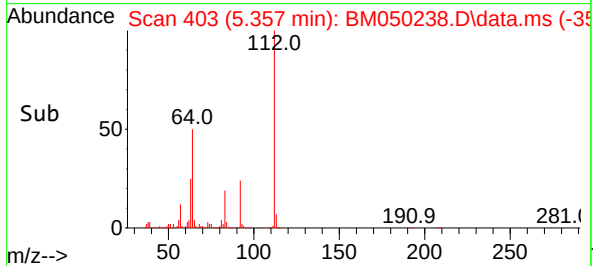
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:112 Resp: 2638389
Ion Ratio Lower Upper
112 100
64 49.7 39.8 59.6
63 24.7 19.8 29.8

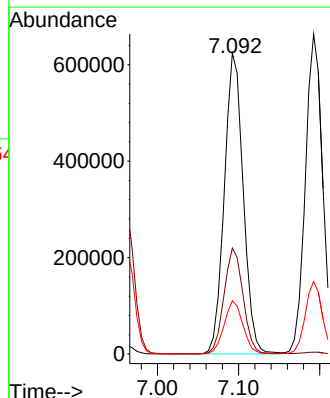
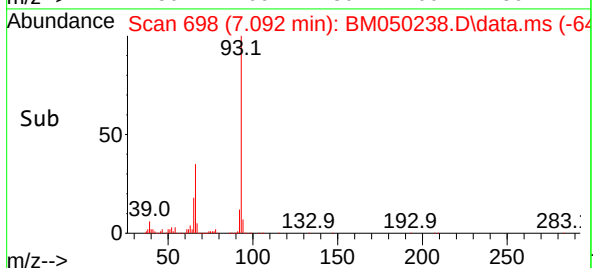
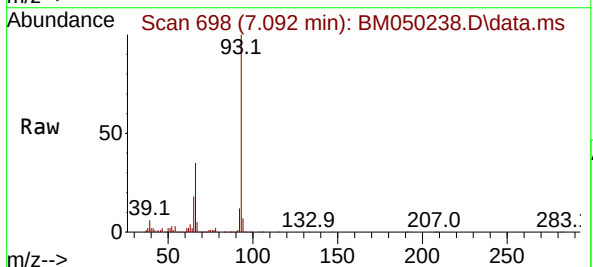
Manual Integrations
APPROVED

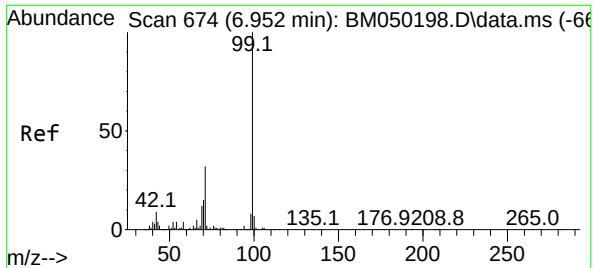
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 30.231 ng
RT: 7.092 min Scan# 698
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 93 Resp: 1011663
Ion Ratio Lower Upper
93 100
66 35.2 27.4 41.2
65 17.7 13.6 20.4





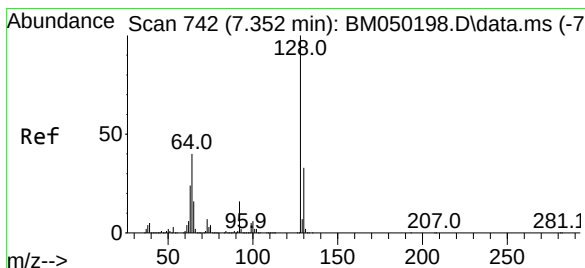
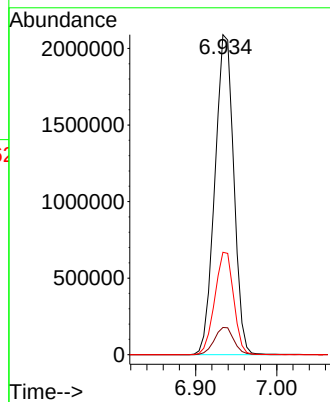
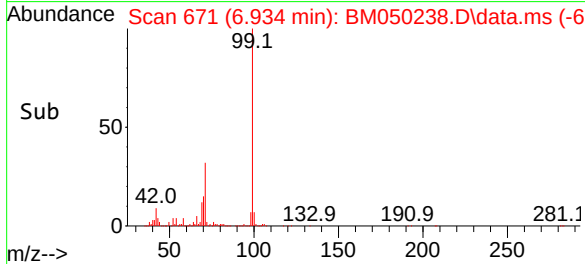
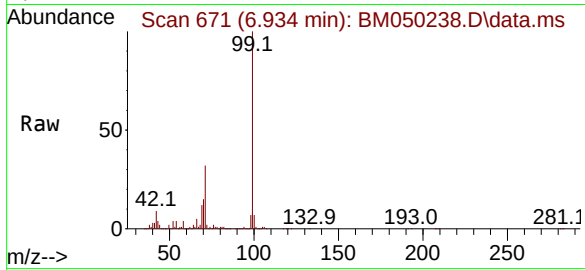
#7
Phenol-d6
Concen: 133.698 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Tgt Ion: 99 Resp: 338438
Ion Ratio Lower Upper
99 100
42 8.5 6.9 10.3
71 32.0 25.3 37.9

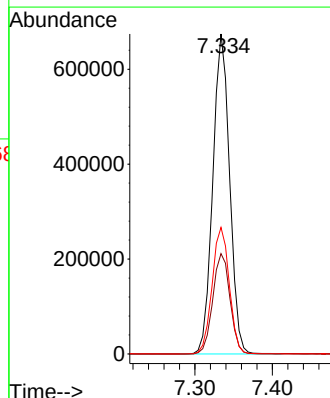
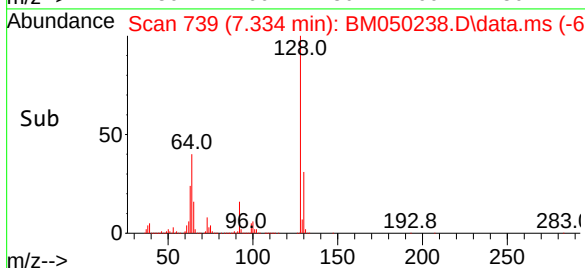
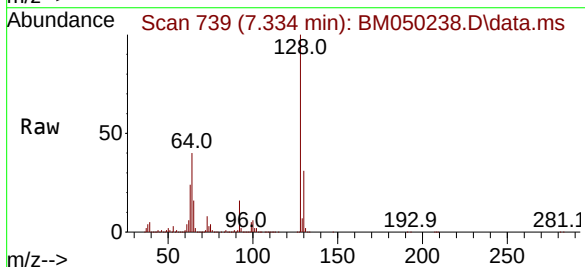
Manual Integrations
APPROVED

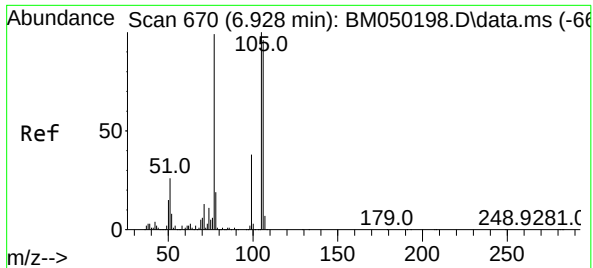
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#8
2-Chlorophenol
Concen: 48.202 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

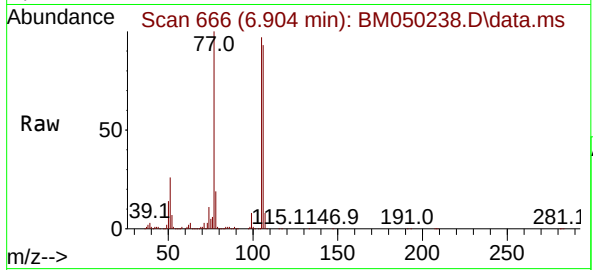
Tgt Ion:128 Resp: 1019547
Ion Ratio Lower Upper
128 100
130 31.4 12.6 52.6
64 39.6 19.8 59.8





#9
Benzaldehyde
Concen: 32.049 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

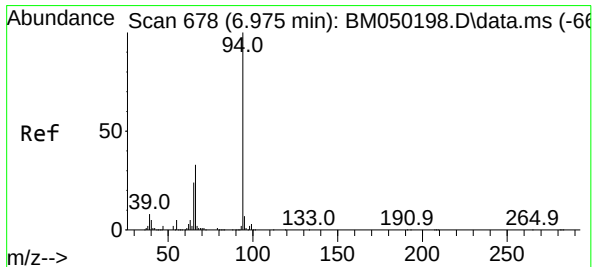
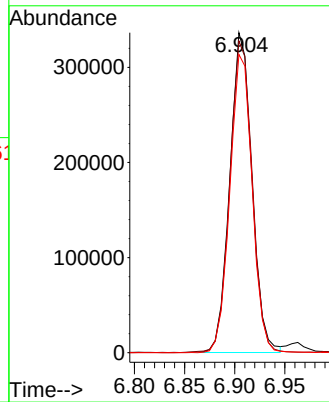
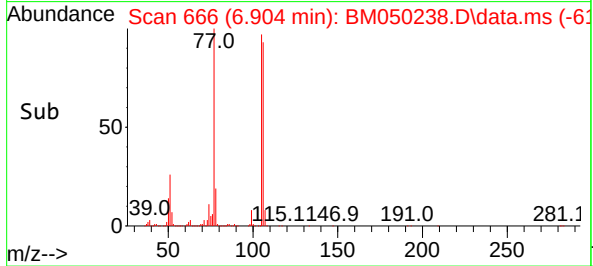
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion: 77 Resp: 515804
Ion Ratio Lower Upper
77 100
105 97.4 80.9 120.9
106 93.2 77.1 117.1

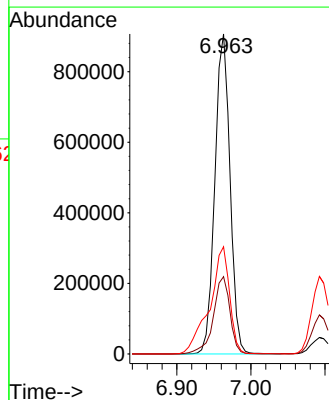
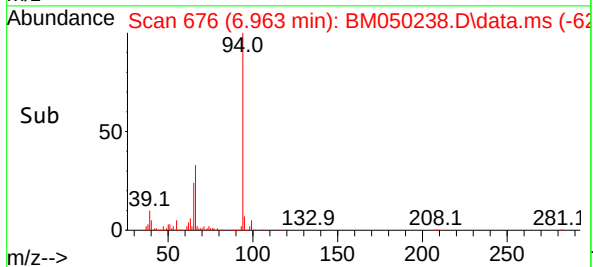
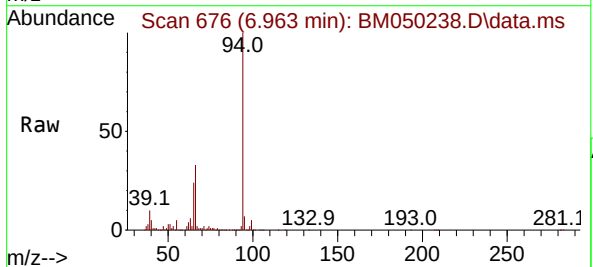
Manual Integrations
APPROVED

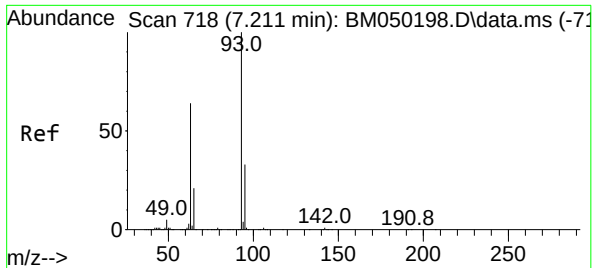
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 47.946 ng
RT: 6.963 min Scan# 676
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 94 Resp: 1284171
Ion Ratio Lower Upper
94 100
65 24.2 4.3 44.3
66 33.5 12.9 52.9





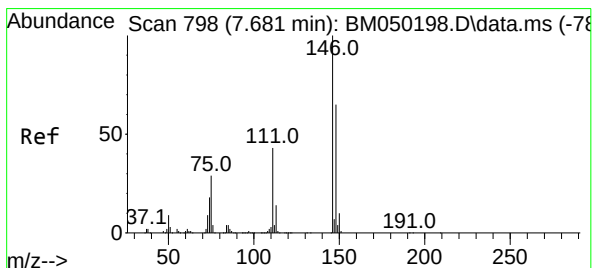
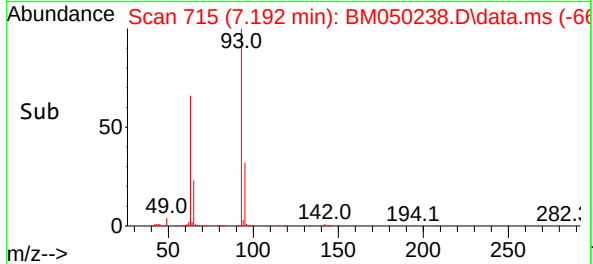
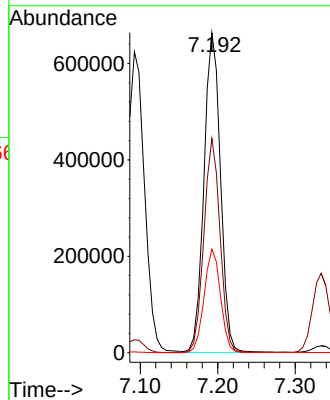
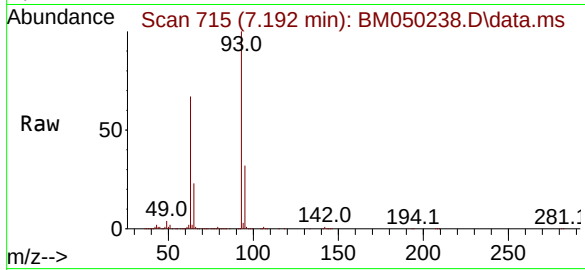
#11
bis(2-Chloroethyl)ether
Concen: 45.603 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Tgt Ion: 93 Resp: 98243
Ion Ratio Lower Upper
93 100
63 67.0 43.9 83.9
95 32.4 12.7 52.7

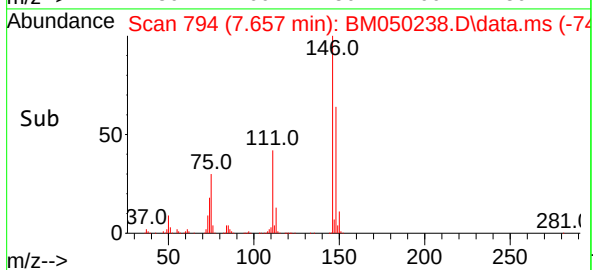
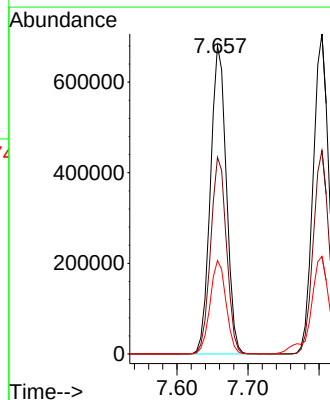
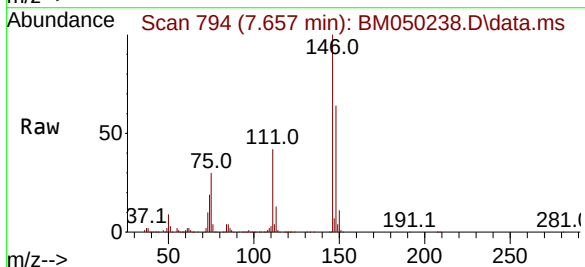
Manual Integrations
APPROVED

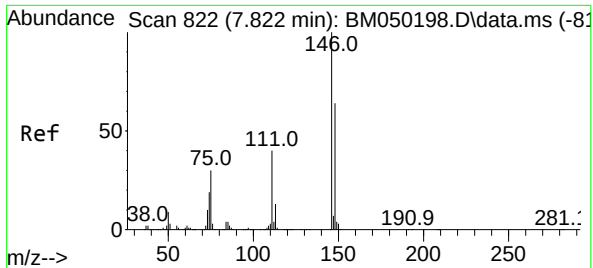
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#12
1,3-Dichlorobenzene
Concen: 44.647 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

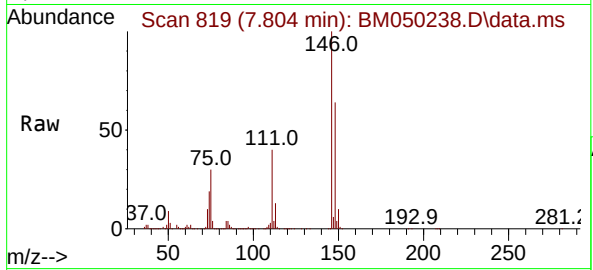
Tgt Ion:146 Resp: 1055739
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 30.3 23.4 35.0





#13
1,4-Dichlorobenzene
Concen: 44.139 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

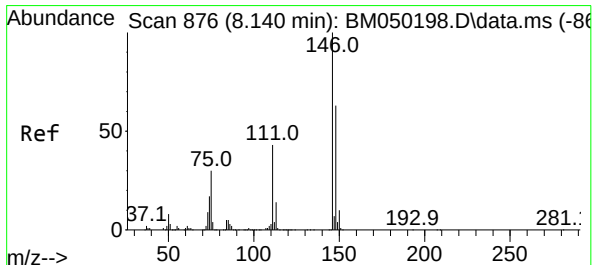
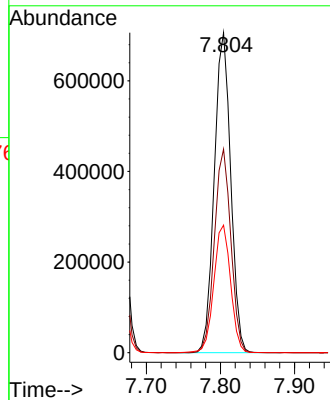
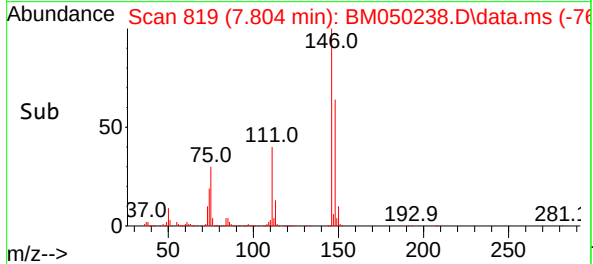
Instrument :
BNA_M
ClientSampleId :
PB168340BS



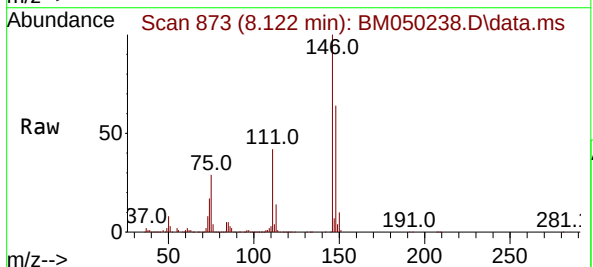
Tgt Ion:146 Resp: 108594
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 39.9 32.3 48.5

Manual Integrations
APPROVED

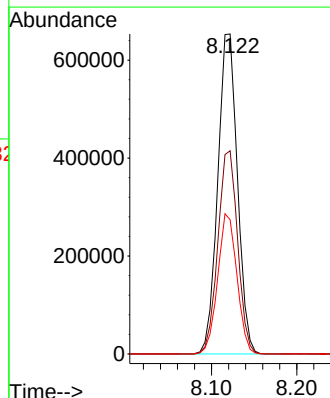
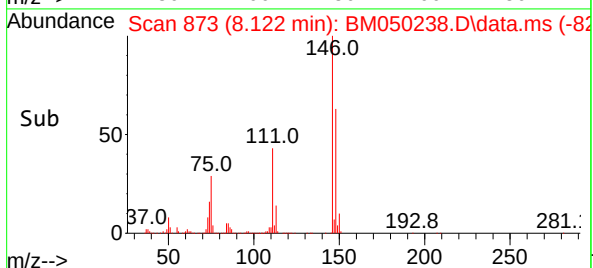
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

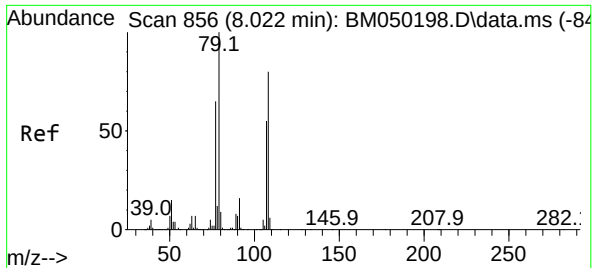


#14
1,2-Dichlorobenzene
Concen: 44.715 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



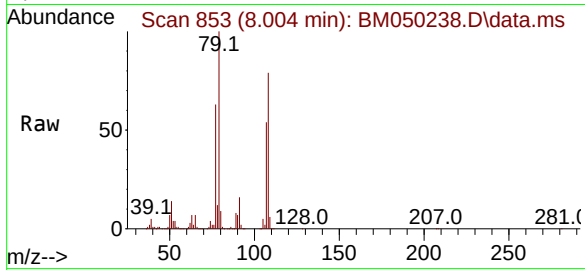
Tgt Ion:146 Resp: 1048729
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 41.9 34.3 51.5





#15
Benzyl Alcohol
Concen: 46.704 ng
RT: 8.004 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

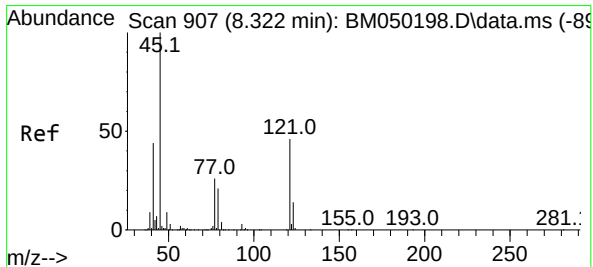
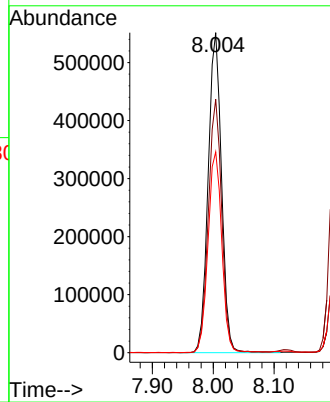
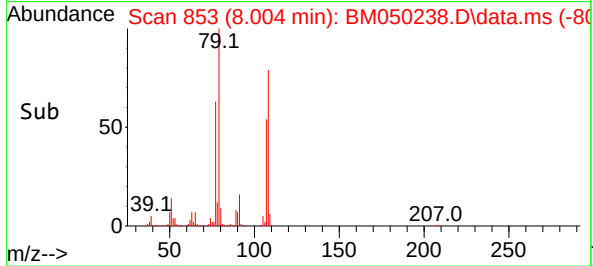
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion: 79 Resp: 843230
Ion Ratio Lower Upper
79 100
108 79.2 64.0 96.0
77 62.7 52.2 78.2

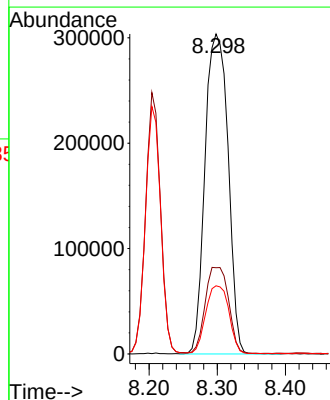
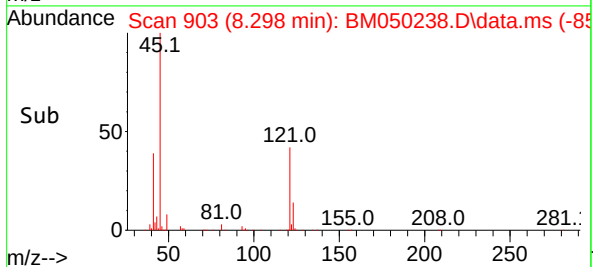
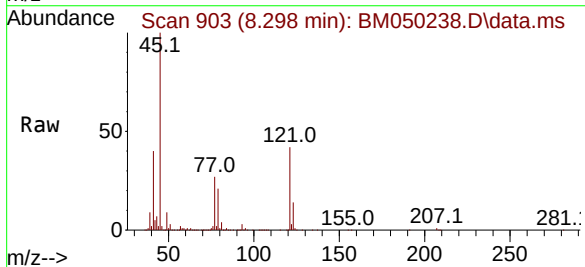
Manual Integrations
APPROVED

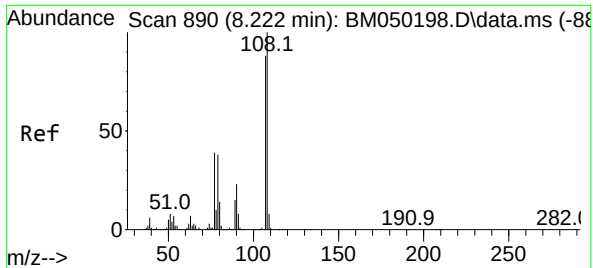
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.792 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

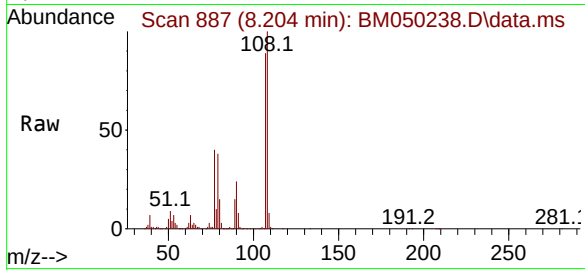
Tgt Ion: 45 Resp: 715230
Ion Ratio Lower Upper
45 100
77 27.0 8.7 48.7
79 21.3 2.7 42.7





#17
2-Methylphenol
Concen: 47.891 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

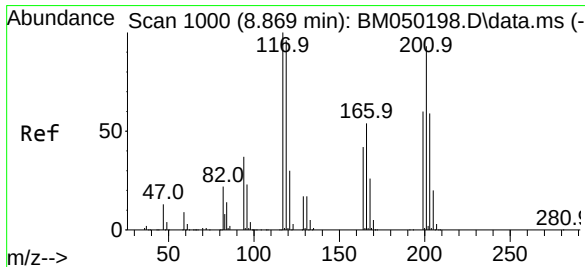
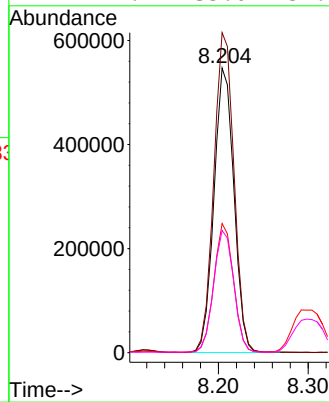
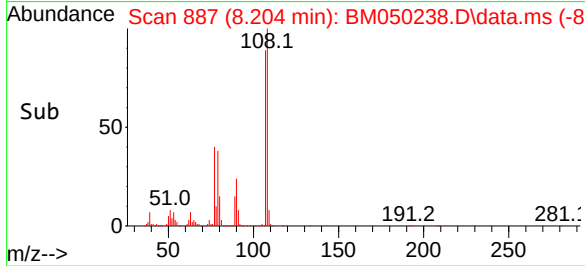
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:107 Resp: 846340
Ion Ratio Lower Upper
107 100
108 112.4 90.8 136.2
77 45.4 35.7 53.5
79 42.9 35.0 52.4

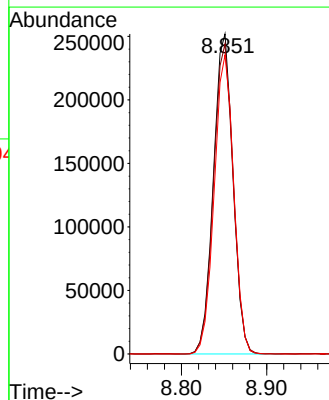
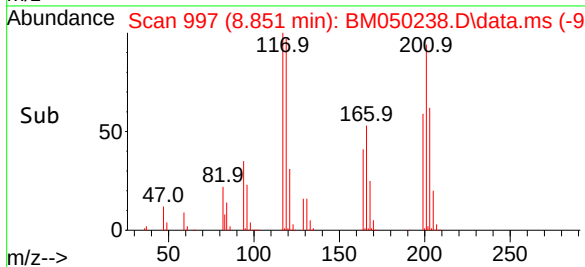
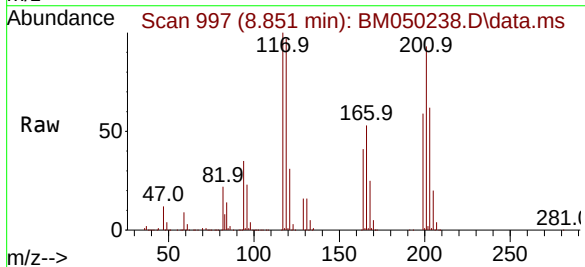
Manual Integrations
APPROVED

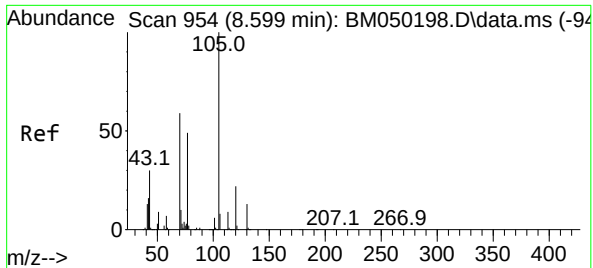
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#18
Hexachloroethane
Concen: 45.332 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

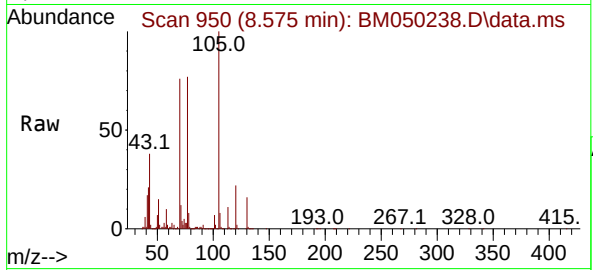
Tgt Ion:117 Resp: 403890
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6
201 93.5 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.730 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

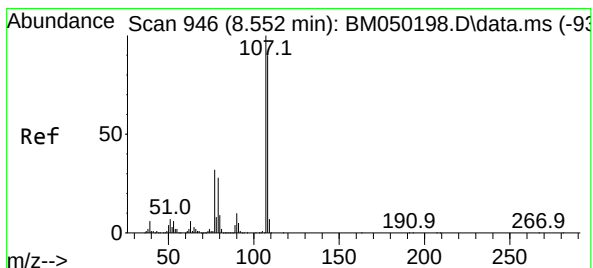
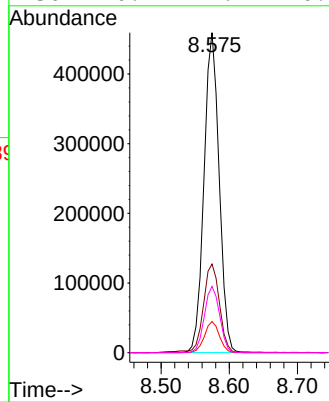
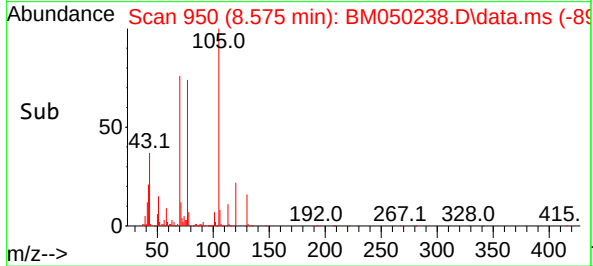
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion: 70 Resp: 70838
Ion Ratio Lower Upper
70 100
42 27.7 22.6 33.8
101 9.7 8.3 12.5
130 20.7 17.4 26.2

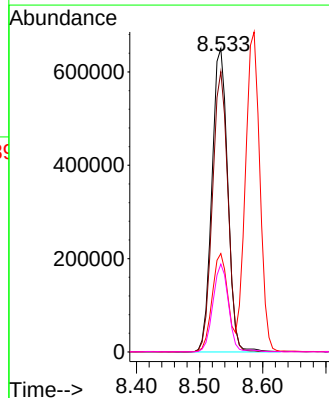
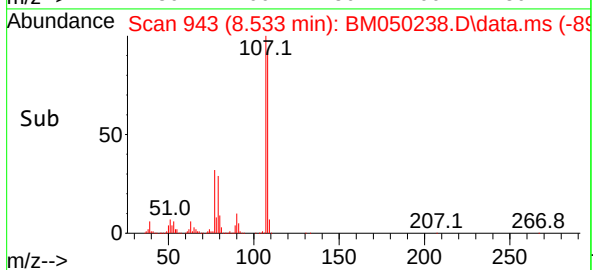
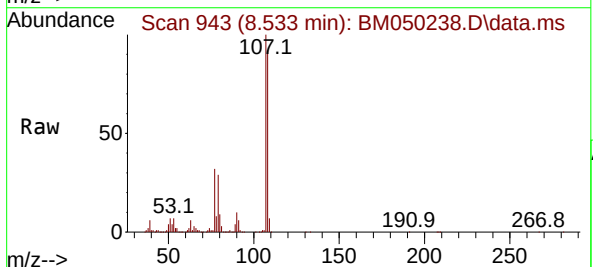
Manual Integrations
APPROVED

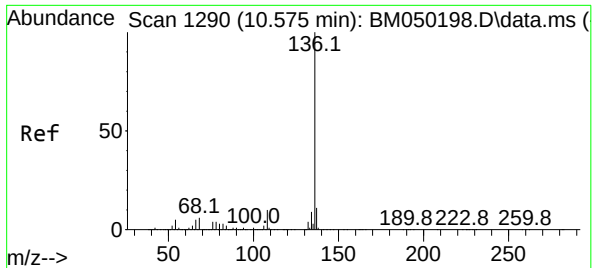
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#20
3+4-Methylphenols
Concen: 47.871 ng
RT: 8.533 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

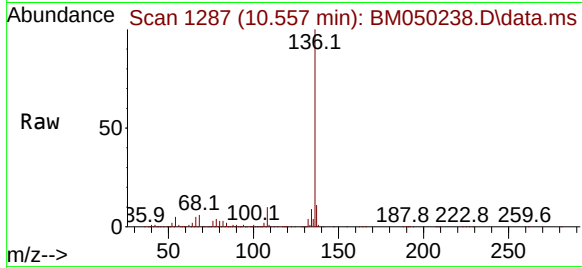
Tgt Ion:107 Resp: 1131847
Ion Ratio Lower Upper
107 100
108 92.4 70.4 110.4
77 32.4 12.2 52.2
79 28.9 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

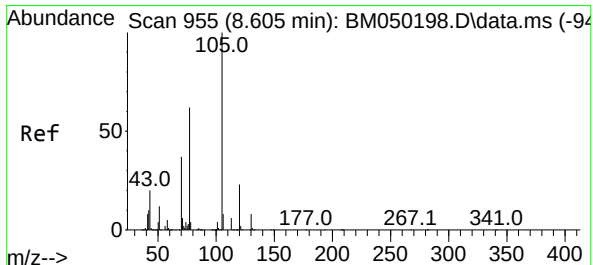
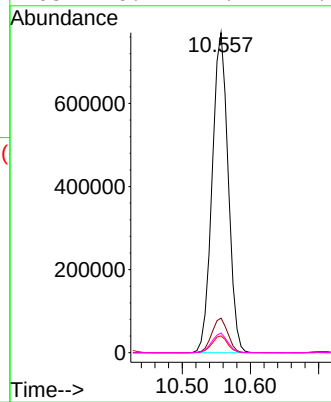
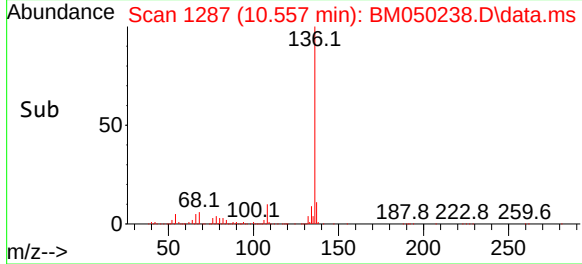
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:136 Resp: 125705
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.3 3.8 5.8
68 6.2 4.9 7.3

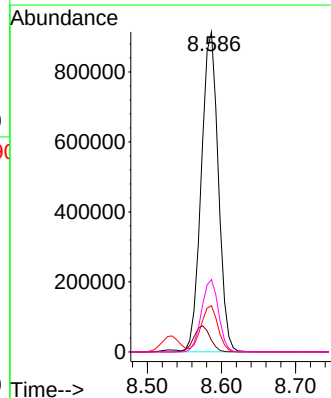
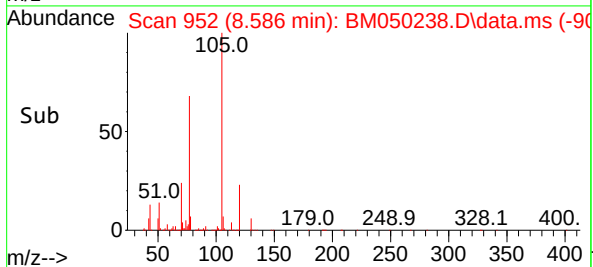
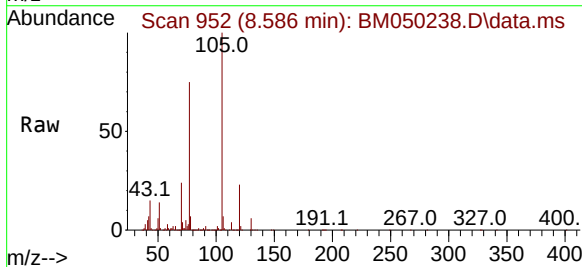
Manual Integrations
APPROVED

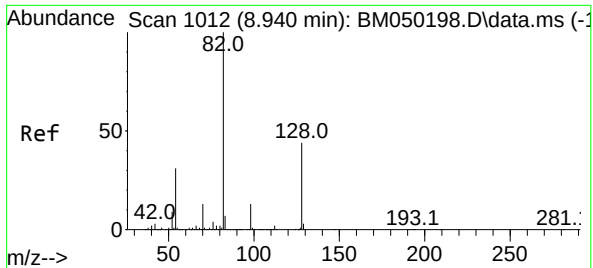
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#22
Acetophenone
Concen: 46.318 ng
RT: 8.586 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion:105 Resp: 1454601
Ion Ratio Lower Upper
105 100
71 3.7 5.0 7.4#
51 14.5 11.4 17.2
120 22.6 18.2 27.4





#23

Nitrobenzene-d5

Concen: 83.837 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS

Tgt Ion: 82 Resp: 202637

Ion Ratio Lower Upper

82 100

128 42.6 35.2 52.8

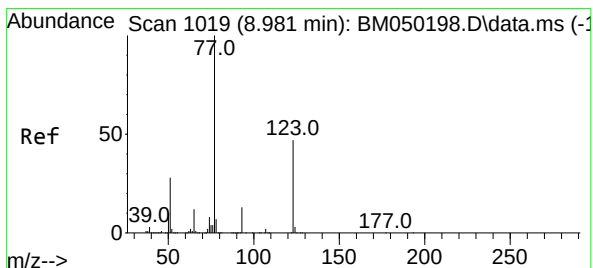
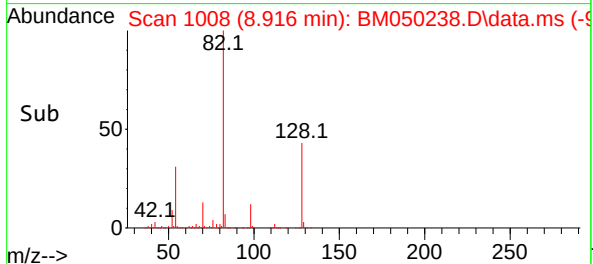
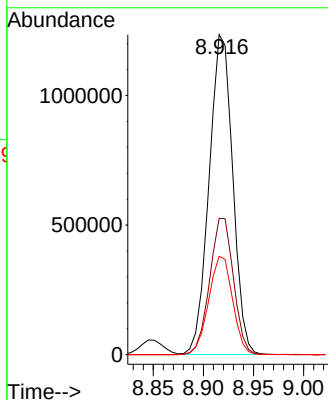
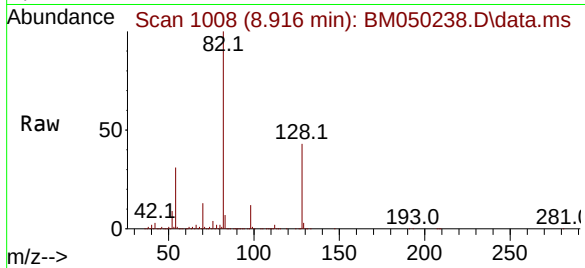
54 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#24

Nitrobenzene

Concen: 48.109 ng

RT: 8.957 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

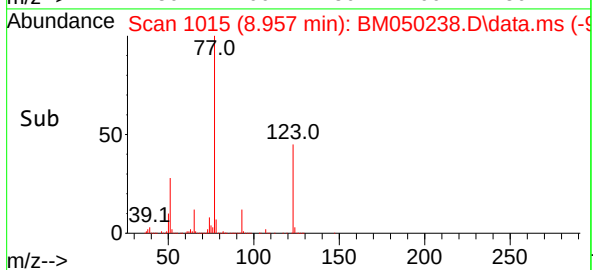
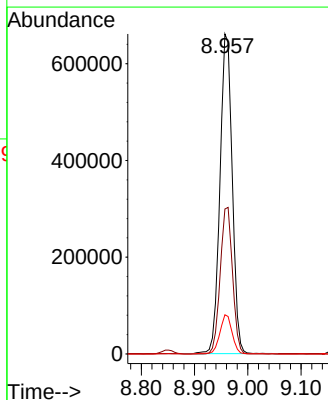
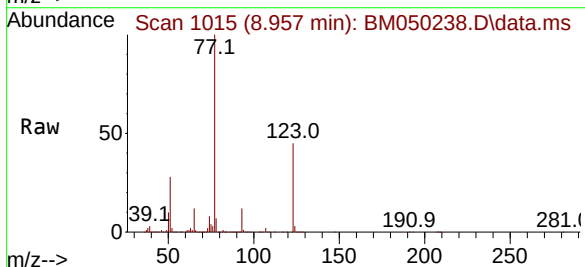
Tgt Ion: 77 Resp: 1057551

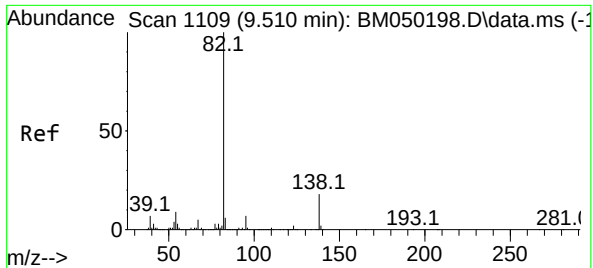
Ion Ratio Lower Upper

77 100

123 45.3 38.2 57.2

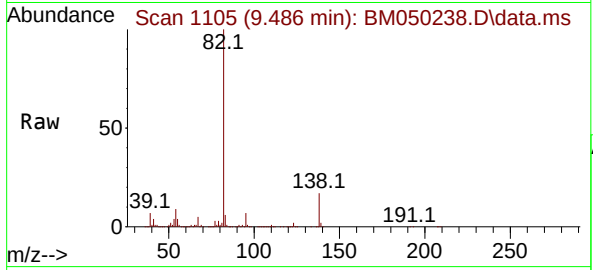
65 12.2 9.5 14.3





#25
Isophorone
Concen: 47.220 ng
RT: 9.486 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

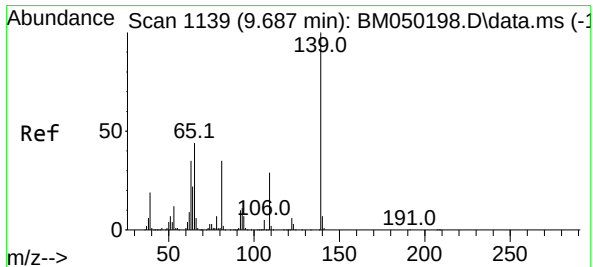
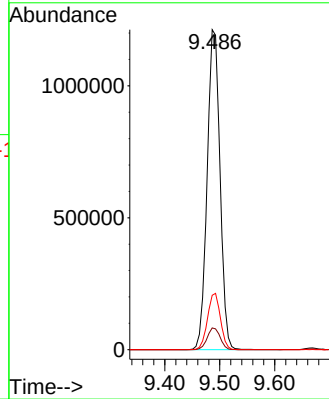
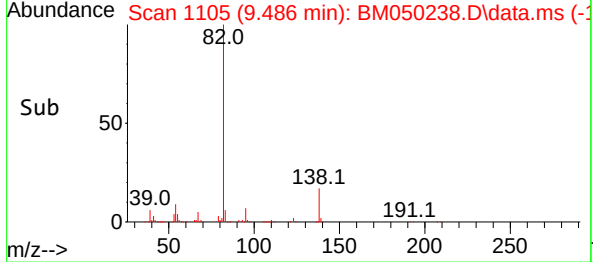
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion: 82 Resp: 1969912
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.0 14.2 21.2

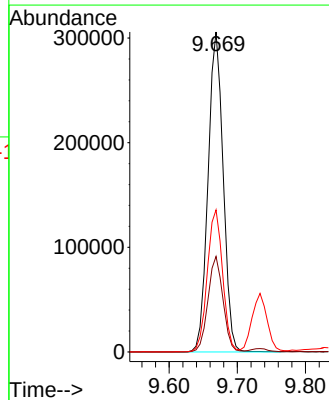
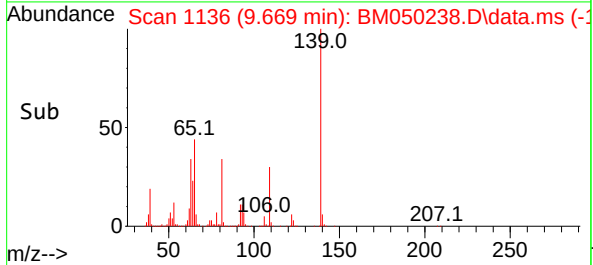
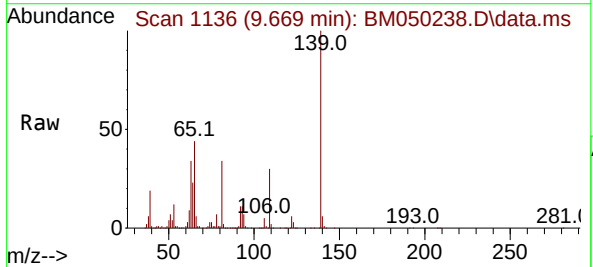
Manual Integrations
APPROVED

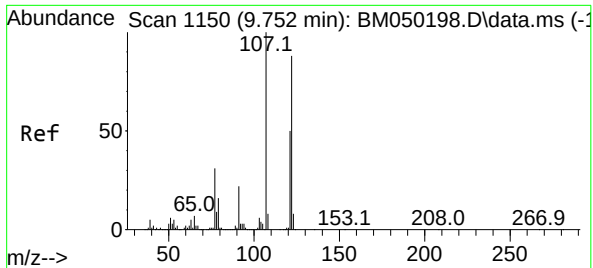
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#26
2-Nitrophenol
Concen: 49.772 ng
RT: 9.669 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion:139 Resp: 472285
Ion Ratio Lower Upper
139 100
109 29.8 23.3 34.9
65 44.4 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 49.422 ng

RT: 9.733 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BM050238.D

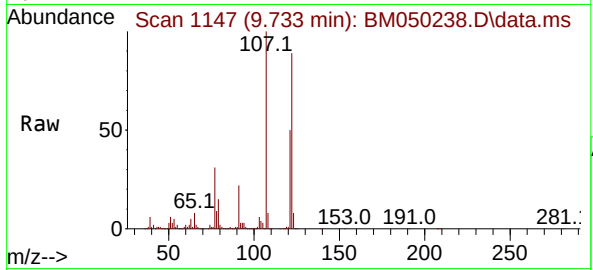
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS



Tgt Ion:122 Resp: 963560

Ion Ratio Lower Upper

122 100

107 112.7 91.0 136.6

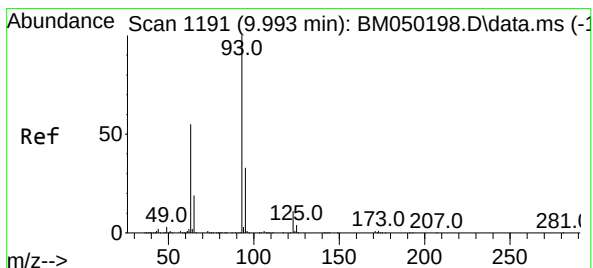
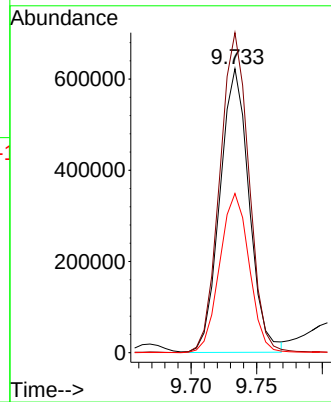
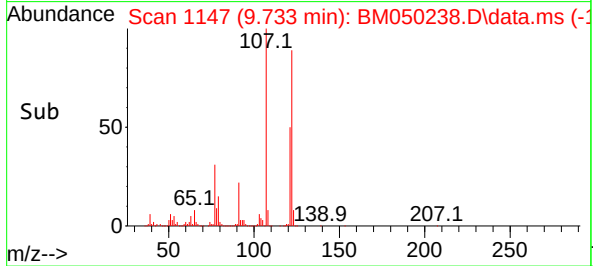
121 56.1 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#28

bis(2-Chloroethoxy)methane

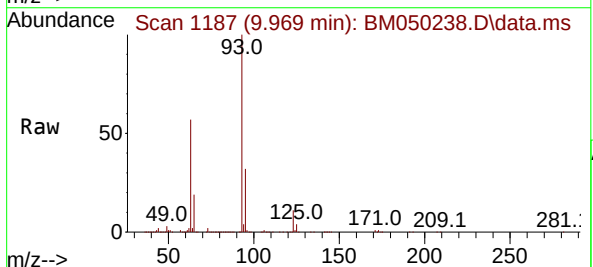
Concen: 47.646 ng

RT: 9.969 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05



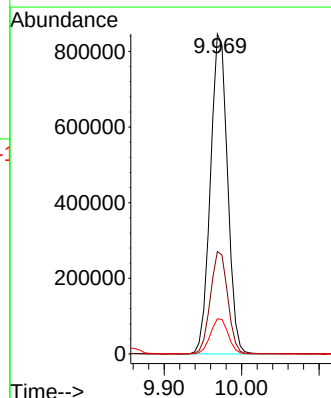
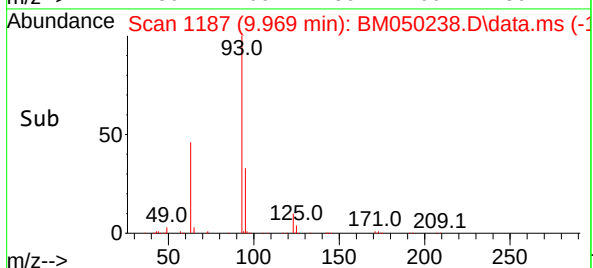
Tgt Ion: 93 Resp: 1298501

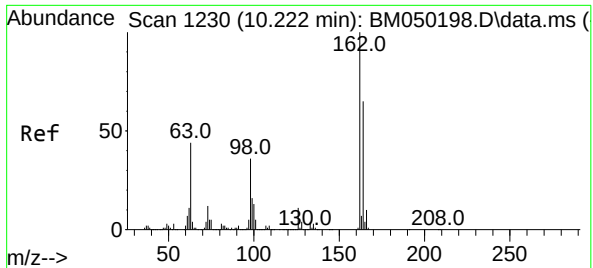
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.4

123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.086 ng

RT: 10.204 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BM050238.D

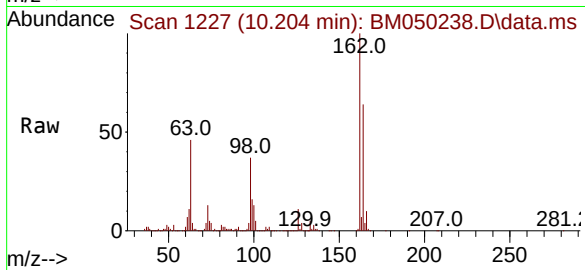
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS



Tgt Ion:162 Resp: 903658

Ion Ratio Lower Upper

162 100

164 64.5 45.0 85.0

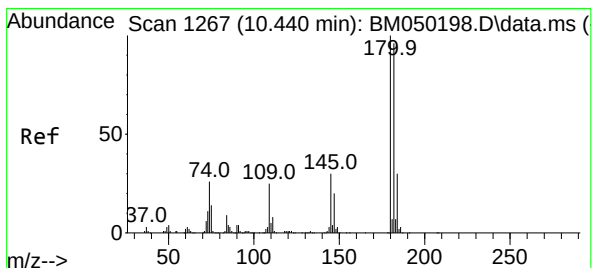
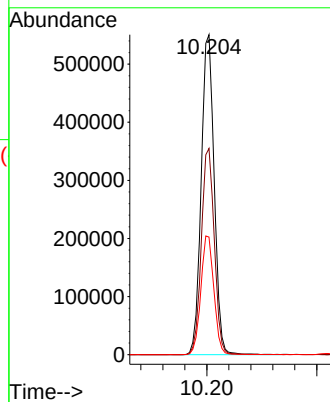
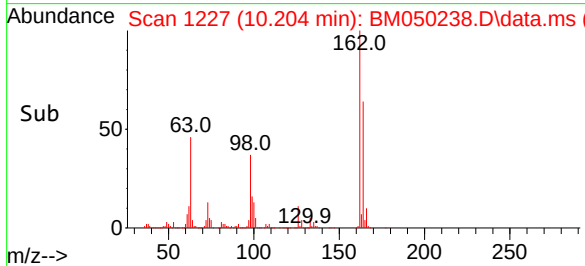
98 36.7 16.3 56.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.171 ng

RT: 10.422 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

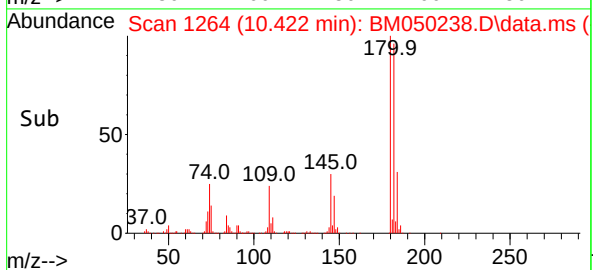
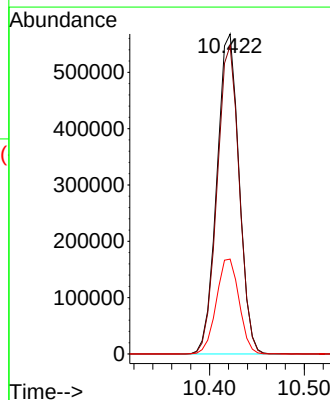
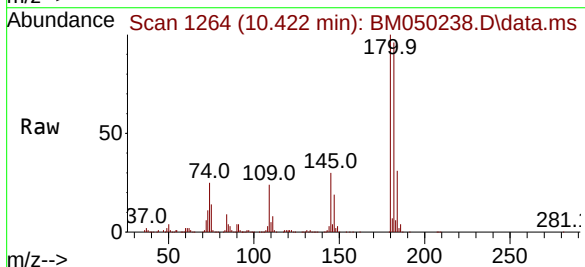
Tgt Ion:180 Resp: 926996

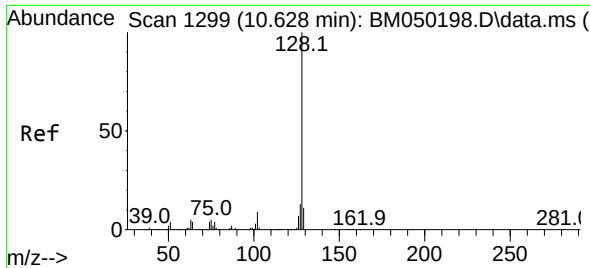
Ion Ratio Lower Upper

180 100

182 96.4 76.6 114.8

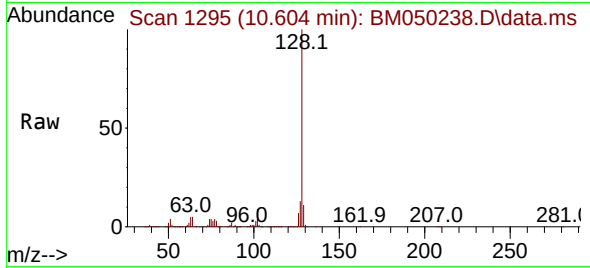
145 29.7 24.2 36.4





#31
Naphthalene
Concen: 45.765 ng
RT: 10.604 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

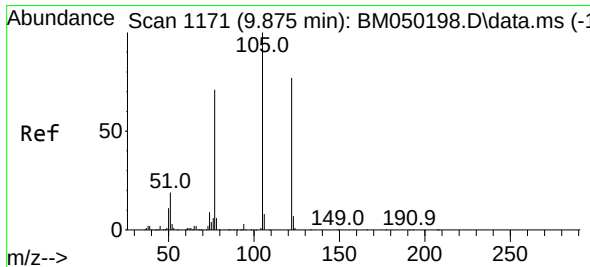
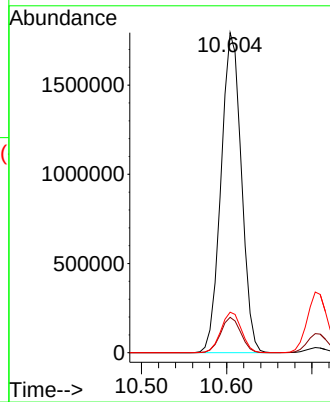
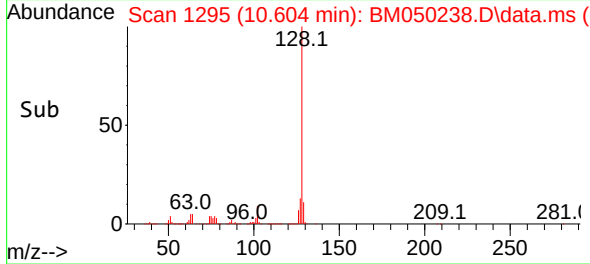
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:128 Resp: 2974404
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.6 10.2 15.4

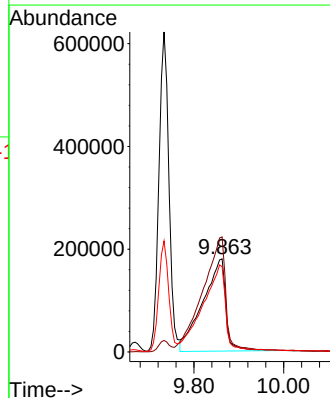
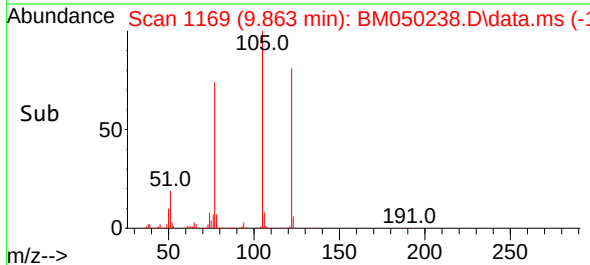
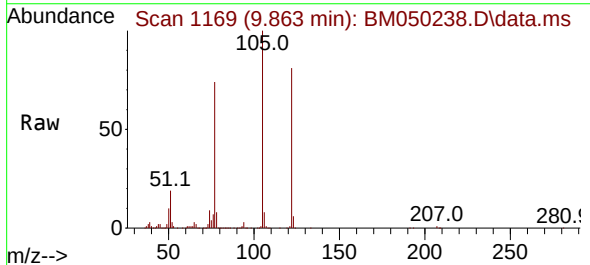
Manual Integrations
APPROVED

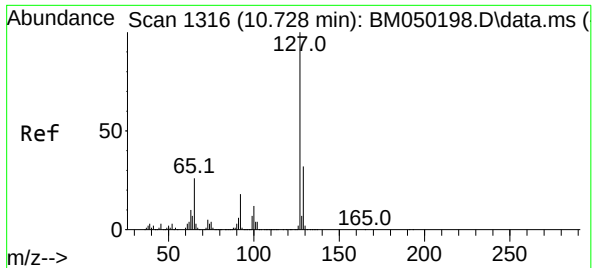
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#32
Benzoic acid
Concen: 52.242 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.018 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

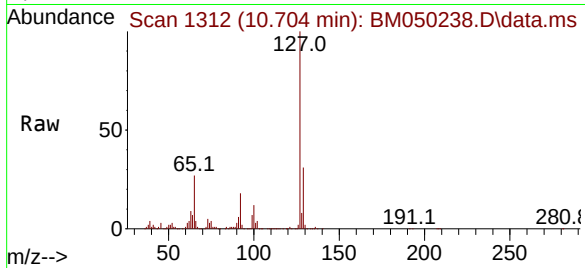
Tgt Ion:122 Resp: 640105
Ion Ratio Lower Upper
122 100
105 123.4 103.4 143.4
77 91.6 70.3 110.3





#33
4-Chloroaniline
Concen: 20.514 ng
RT: 10.704 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

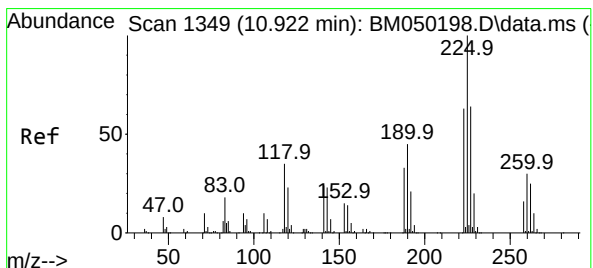
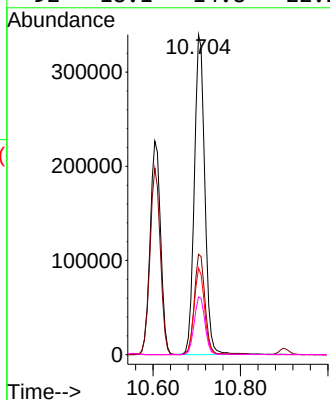
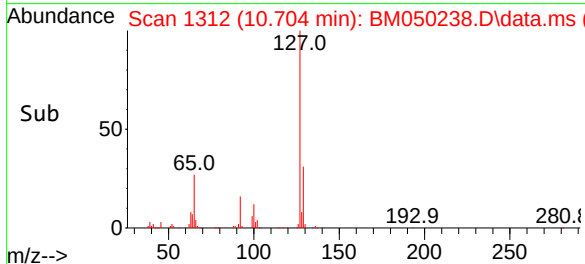
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:127 Resp: 56840
Ion Ratio Lower Upper
127 100
129 31.4 25.4 38.0
65 27.0 21.0 31.4
92 18.1 14.8 22.2

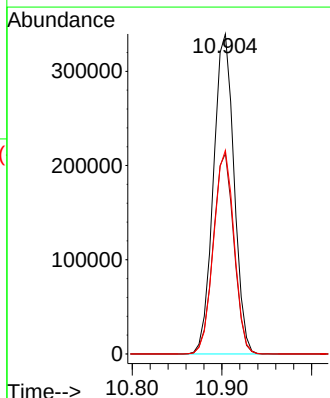
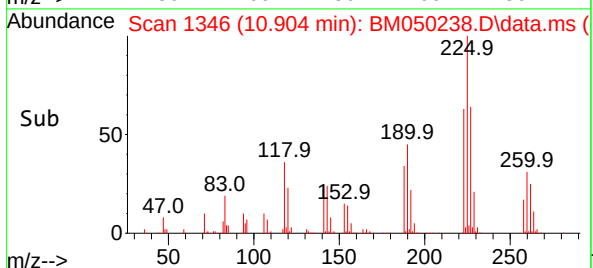
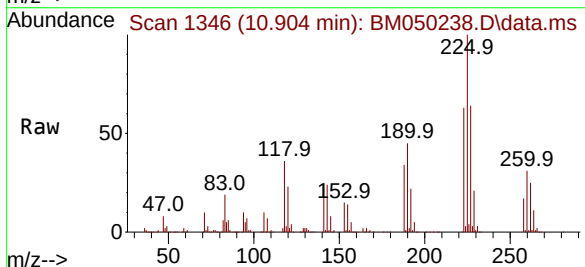
Manual Integrations
APPROVED

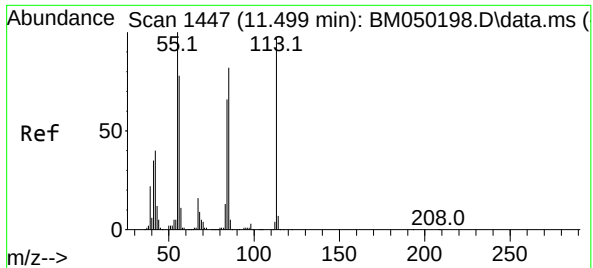
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#34
Hexachlorobutadiene
Concen: 45.310 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

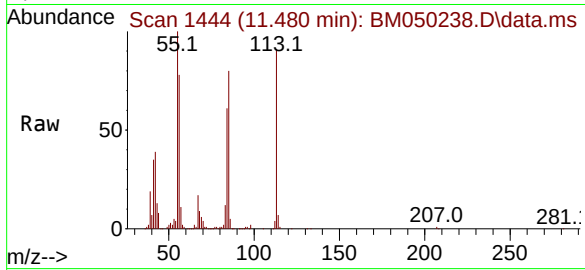
Tgt Ion:225 Resp: 541097
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 63.7 51.0 76.4





#35
Caprolactam
Concen: 51.211 ng m
RT: 11.480 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

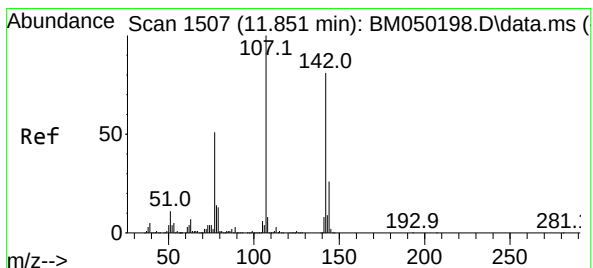
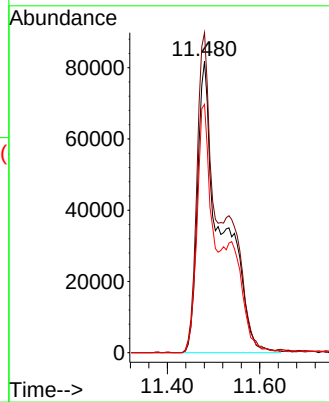
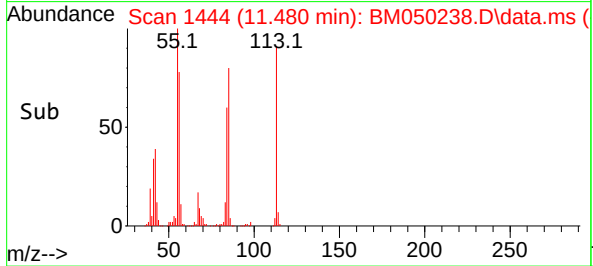
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:113 Resp: 29292
Ion Ratio Lower Upper
113 100
55 109.8 83.5 123.5
56 85.2 60.6 100.6

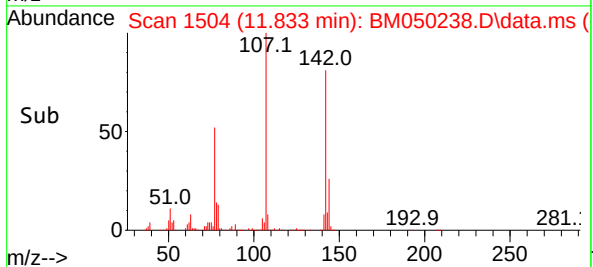
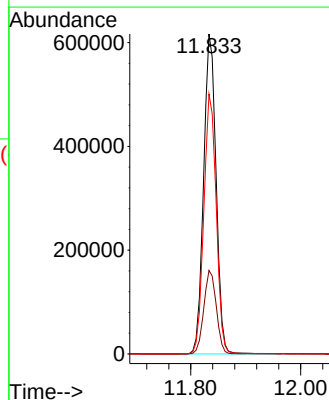
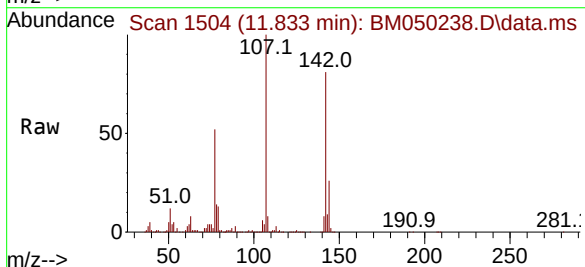
Manual Integrations
APPROVED

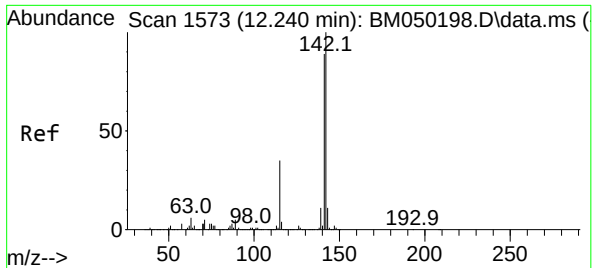
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#36
4-Chloro-3-methylphenol
Concen: 50.462 ng
RT: 11.833 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

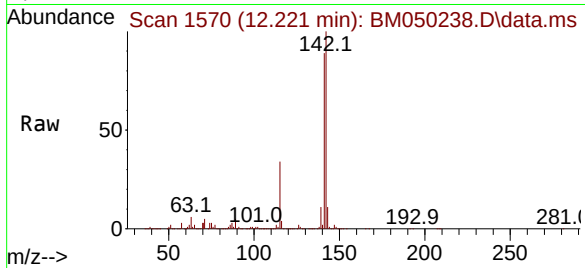
Tgt Ion:107 Resp: 971490
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.6
142 81.2 64.8 97.2





#37
2-Methylnaphthalene
Concen: 47.458 ng
RT: 12.221 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

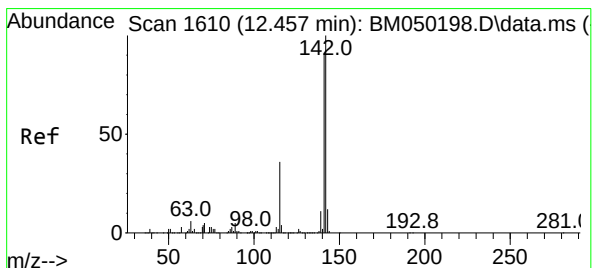
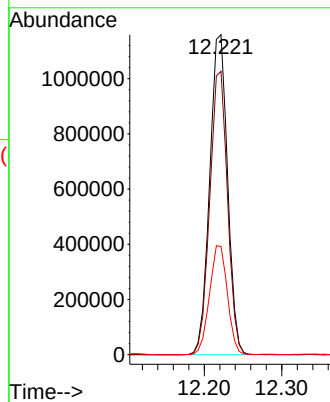
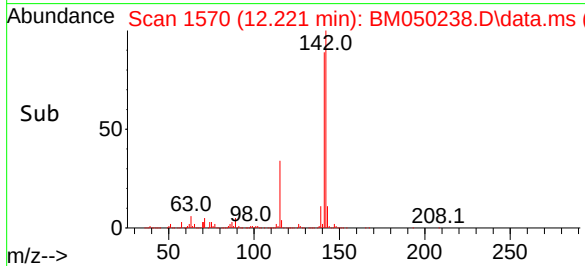
Instrument :
BNA_M
ClientSampleId :
PB168340BS



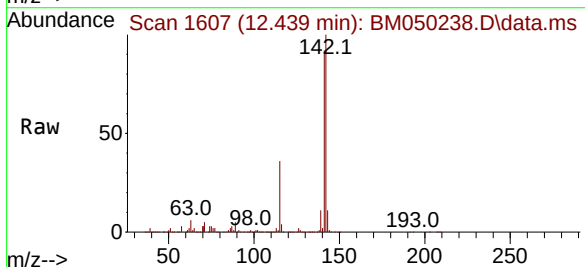
Tgt Ion:142 Resp: 1860749
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3
115 33.9 27.8 41.8

Manual Integrations
APPROVED

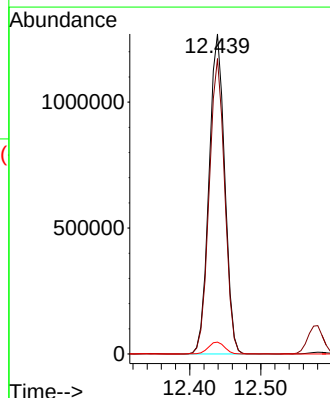
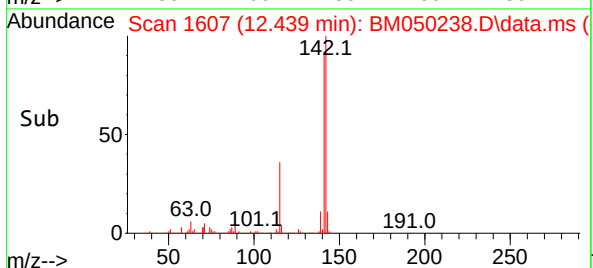
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

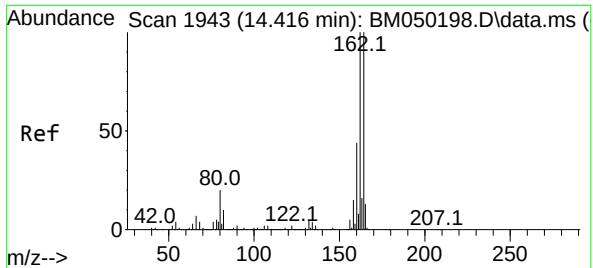


#38
1-Methylnaphthalene
Concen: 46.919 ng
RT: 12.439 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



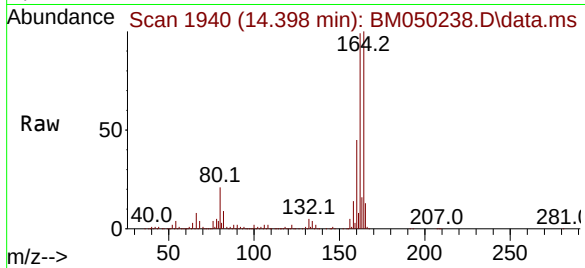
Tgt Ion:142 Resp: 1952531
Ion Ratio Lower Upper
142 100
141 92.3 72.9 109.3
116 3.7 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

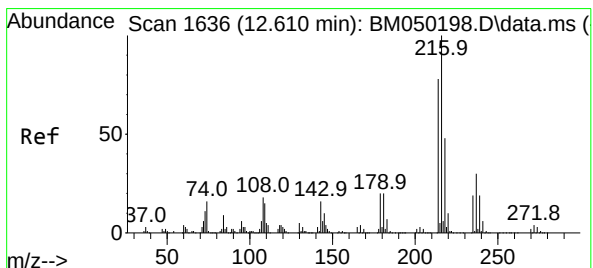
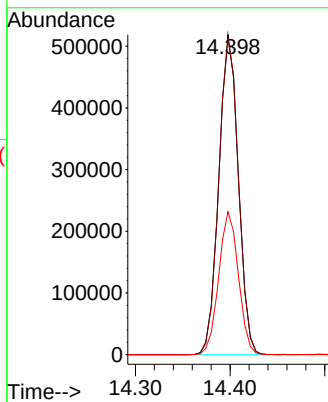
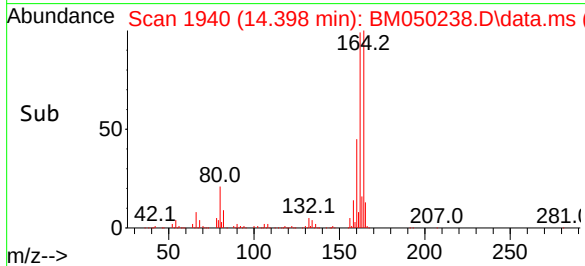
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:164 Resp: 743659
Ion Ratio Lower Upper
164 100
162 98.6 80.2 120.4
160 44.7 35.7 53.5

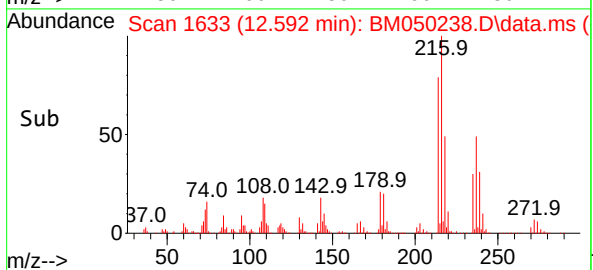
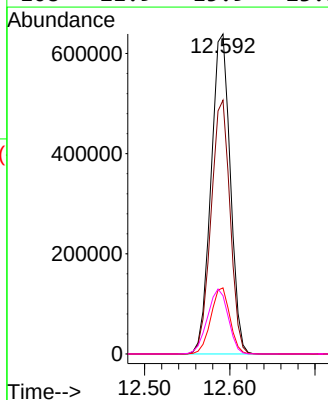
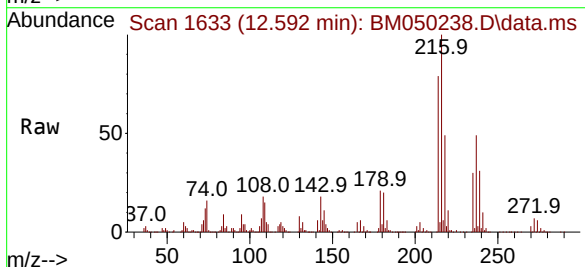
Manual Integrations
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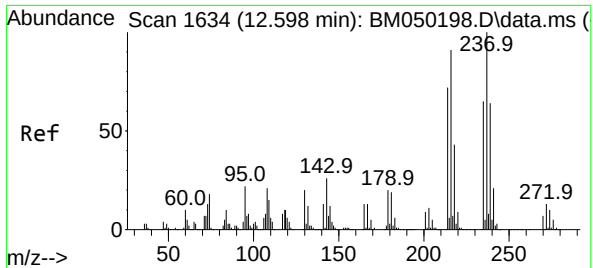
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.817 ng
RT: 12.592 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

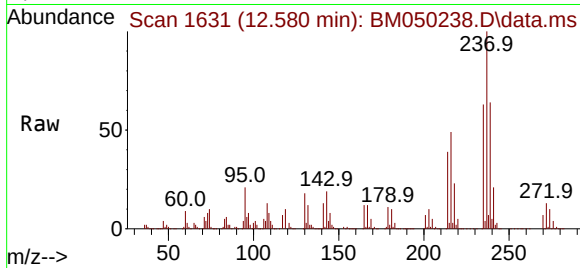
Tgt Ion:216 Resp: 1005342
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 20.4 16.6 25.0
108 21.9 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 100.018 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

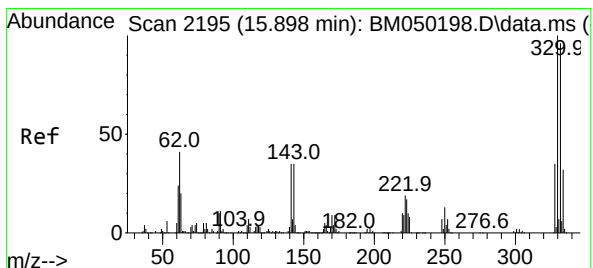
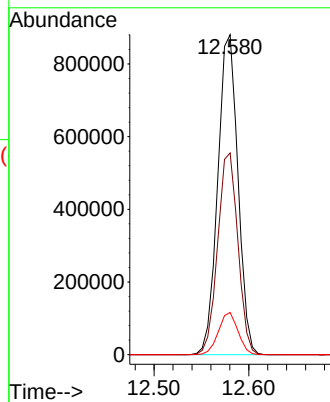
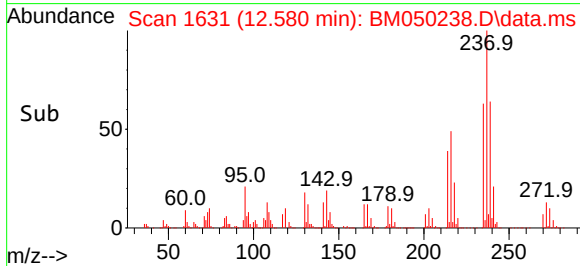
Instrument :
BNA_M
ClientSampleId :
PB168340BS



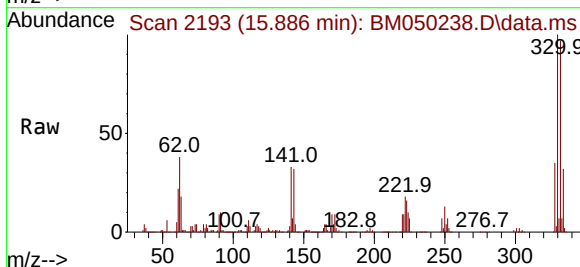
Tgt Ion:237 Resp: 1304350
Ion Ratio Lower Upper
237 100
235 63.0 44.6 84.6
272 13.2 0.0 33.1

Manual Integrations
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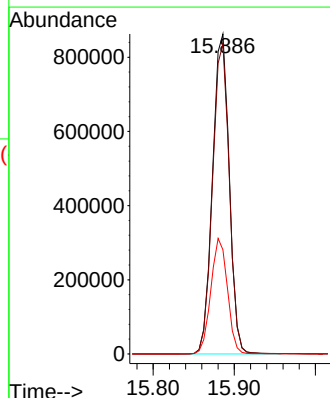
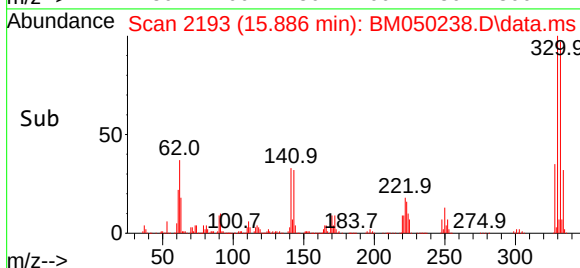
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

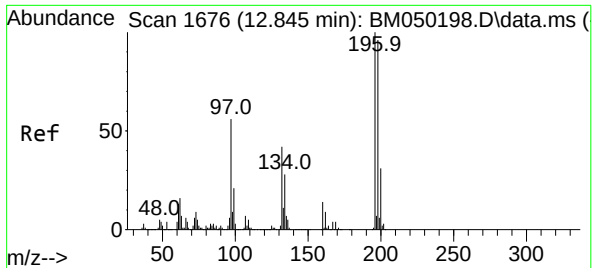


#42
2,4,6-Tribromophenol
Concen: 146.017 ng
RT: 15.886 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



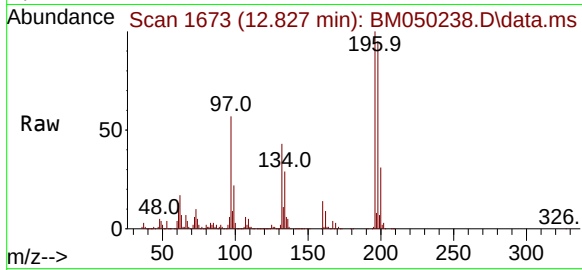
Tgt Ion:330 Resp: 1235095
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 35.9 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 50.375 ng
RT: 12.827 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

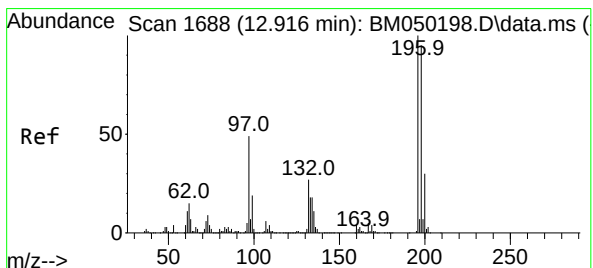
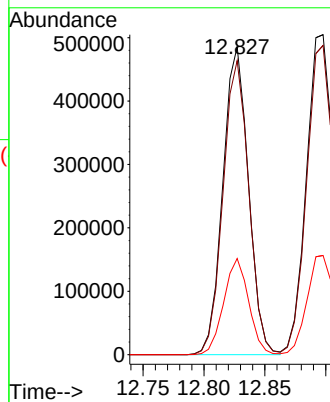
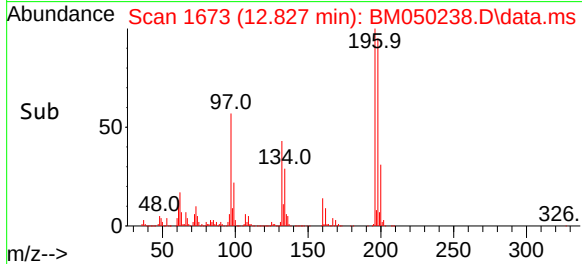
Instrument :
BNA_M
ClientSampleId :
PB168340BS



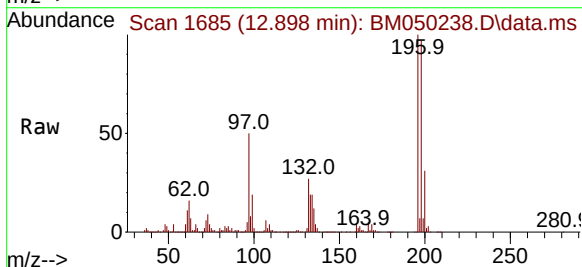
Tgt Ion:196 Resp: 711370
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
200 31.2 24.5 36.7

Manual Integrations
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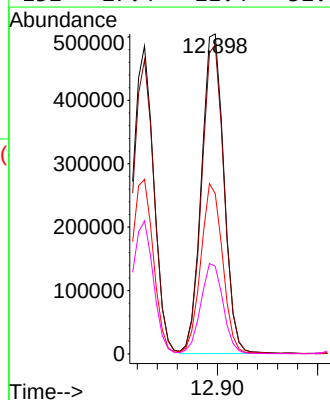
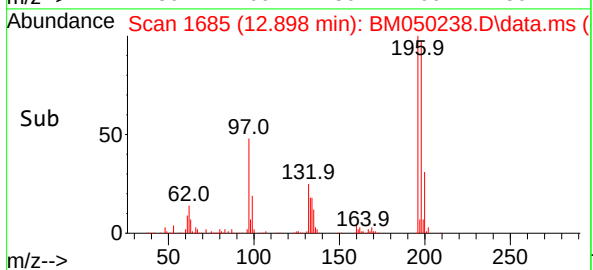
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

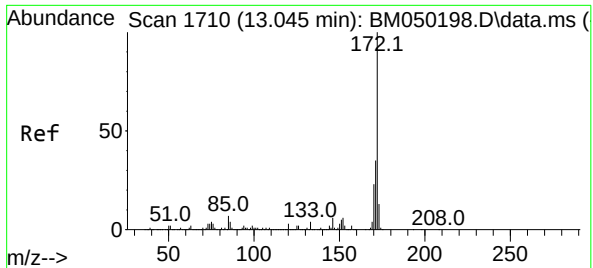


#44
2,4,5-Trichlorophenol
Concen: 50.597 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



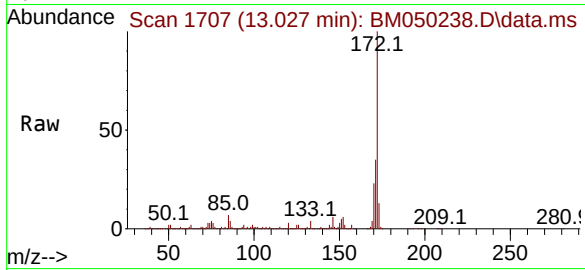
Tgt Ion:196 Resp: 784491
Ion Ratio Lower Upper
196 100
198 96.7 76.1 114.1
97 50.1 39.3 58.9
132 27.4 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 80.897 ng
RT: 13.027 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

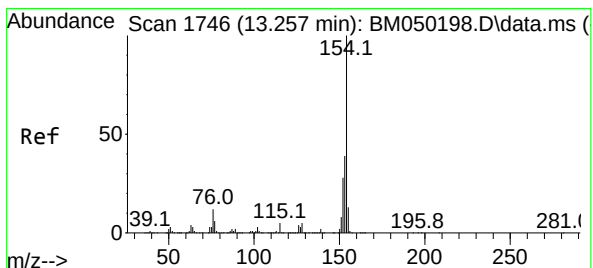
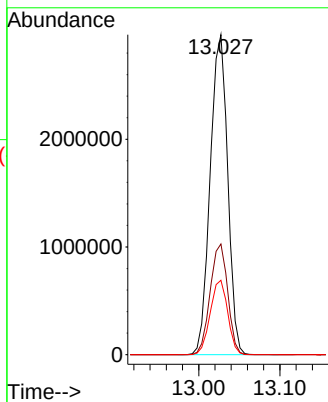
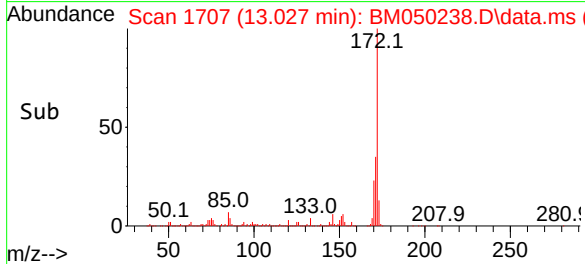
Instrument :
BNA_M
ClientSampleId :
PB168340BS



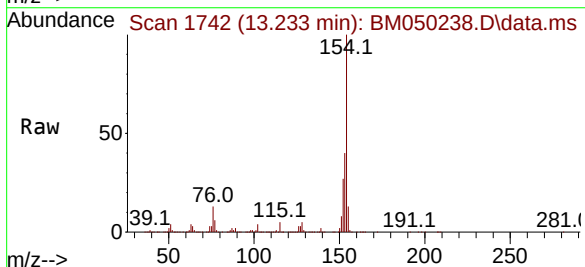
Tgt Ion:172 Resp: 444362
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 27.8

Manual Integrations
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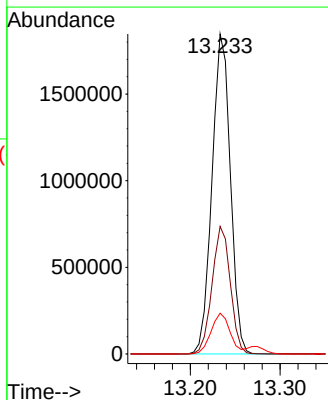
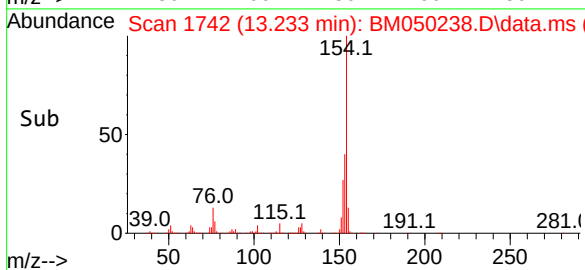
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

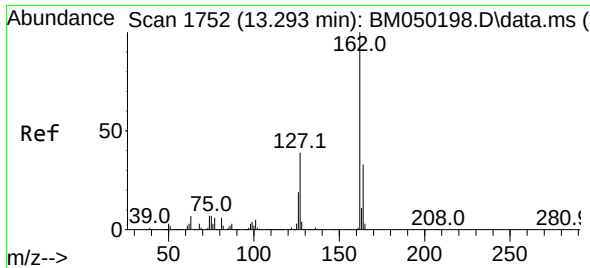


#46
1,1'-Biphenyl
Concen: 47.117 ng
RT: 13.233 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



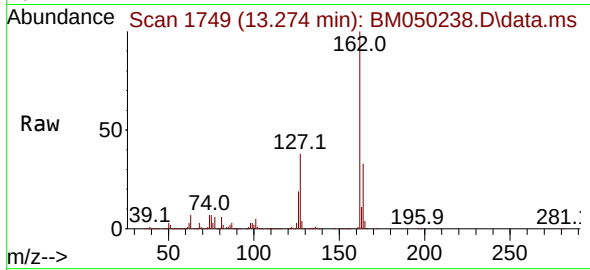
Tgt Ion:154 Resp: 2623701
Ion Ratio Lower Upper
154 100
153 39.9 19.2 59.2
76 12.7 0.0 32.0





#47
2-Chloronaphthalene
Concen: 46.601 ng
RT: 13.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

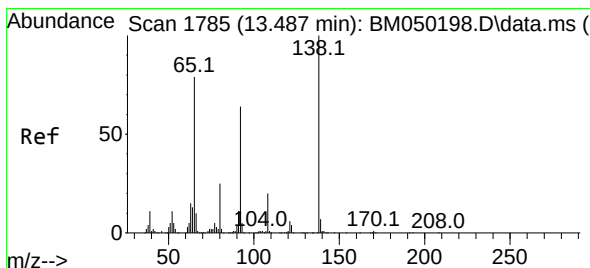
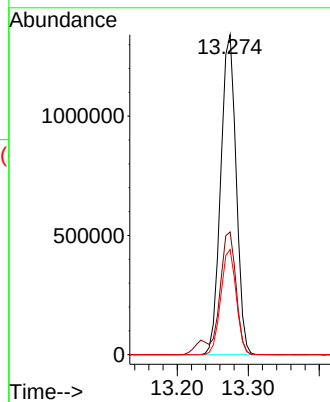
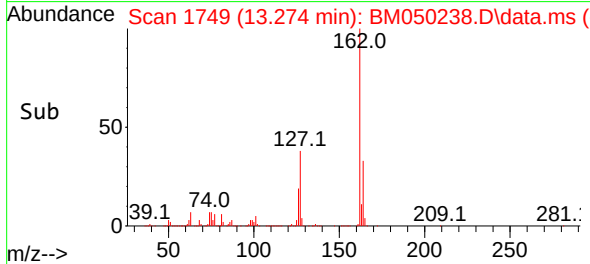
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:162 Resp: 2017409
Ion Ratio Lower Upper
162 100
127 38.3 31.1 46.7
164 32.8 26.5 39.7

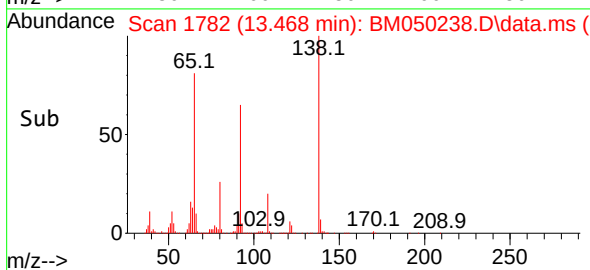
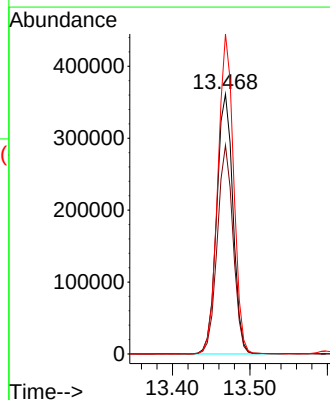
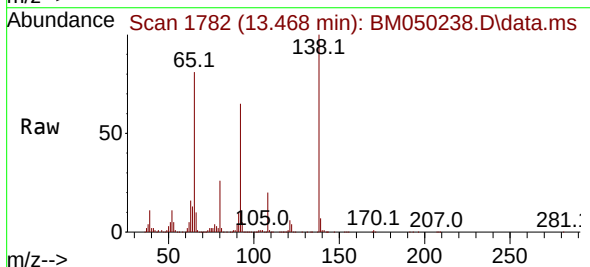
Manual Integrations
APPROVED

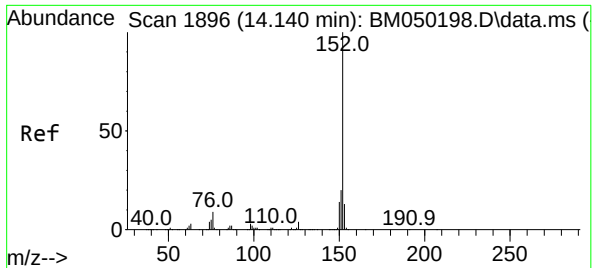
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#48
2-Nitroaniline
Concen: 55.341 ng
RT: 13.468 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 65 Resp: 527217
Ion Ratio Lower Upper
65 100
92 80.3 64.2 96.4
138 123.2 101.0 151.4





#49

Acenaphthylene

Concen: 48.585 ng

RT: 14.121 min Scan# 1893

Delta R.T. -0.000 min

Lab File: BM050238.D

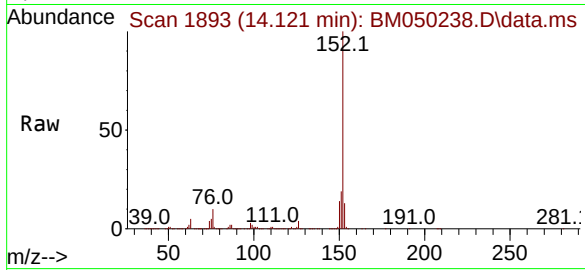
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS



Tgt Ion:152 Resp: 340192

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

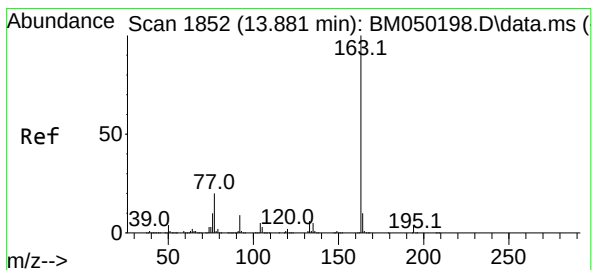
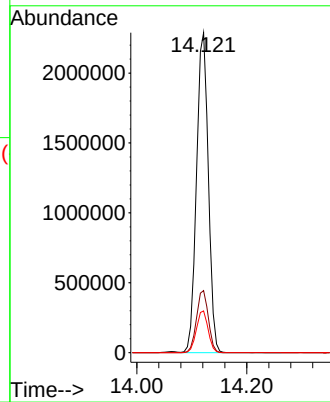
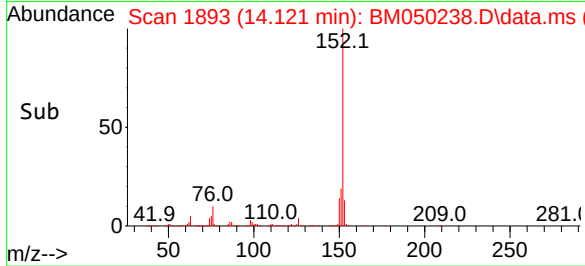
153 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#50

Dimethylphthalate

Concen: 50.184 ng

RT: 13.863 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

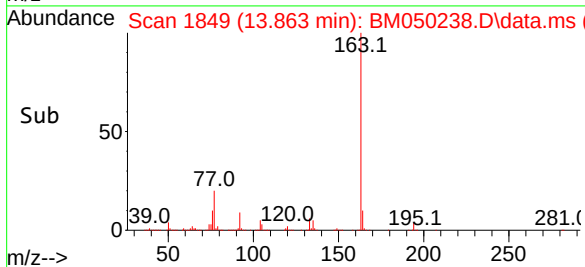
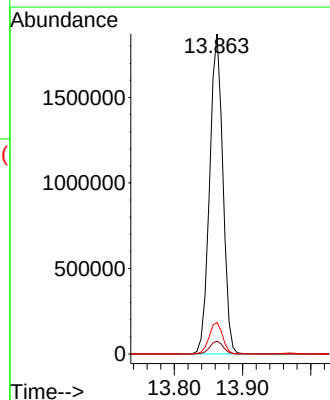
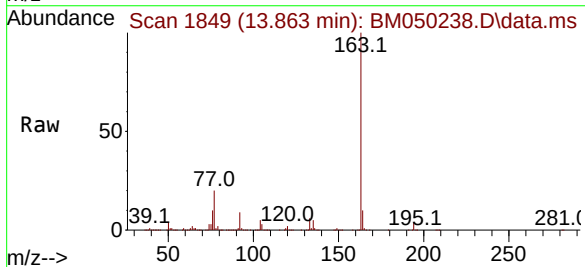
Tgt Ion:163 Resp: 2523932

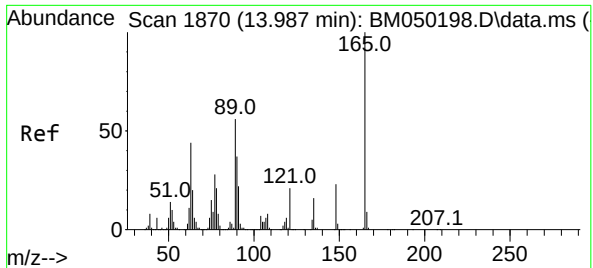
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.8 7.9 11.9





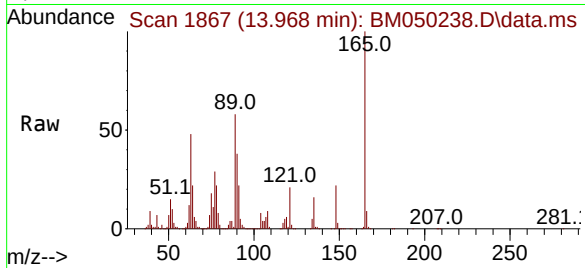
#51
2,6-Dinitrotoluene
Concen: 53.553 ng
RT: 13.968 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS

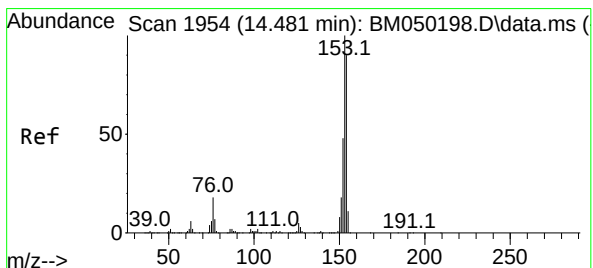
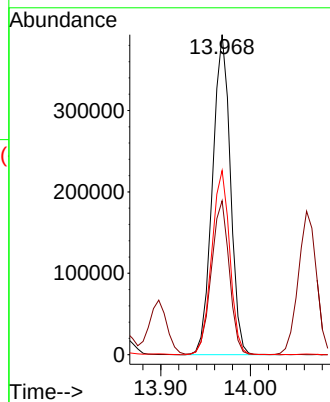
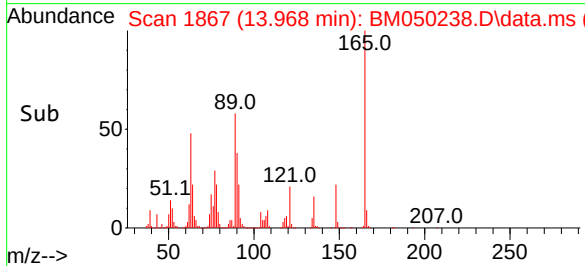


Tgt Ion:165 Resp: 543164
Ion Ratio Lower Upper
165 100
63 48.1 35.8 53.6
89 57.6 44.8 67.2

Manual Integrations

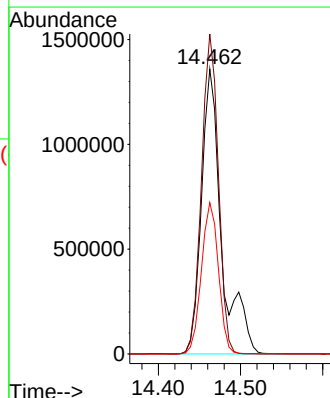
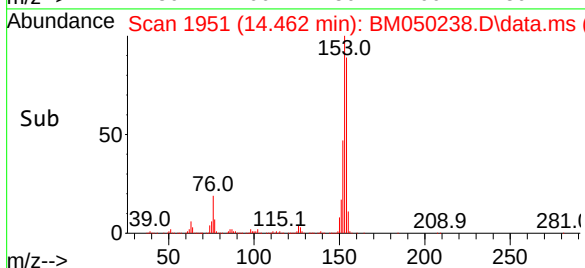
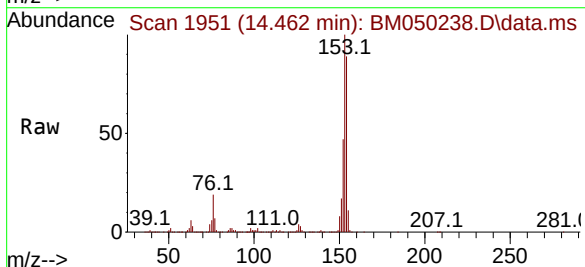
APPROVED

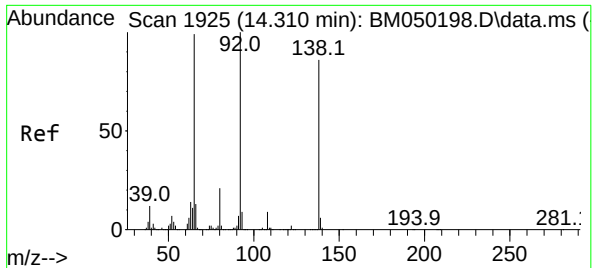
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 52.935 ng m
RT: 14.462 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

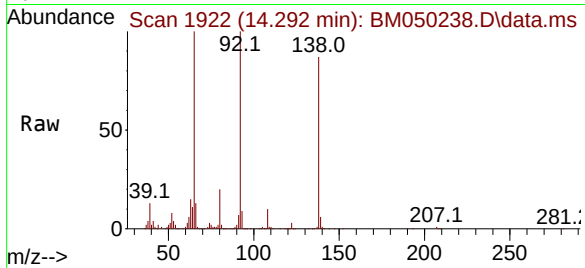
Tgt Ion:154 Resp: 2318364
Ion Ratio Lower Upper
154 100
153 112.3 88.7 133.1
152 53.1 42.6 63.8





#53
3-Nitroaniline
Concen: 27.955 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

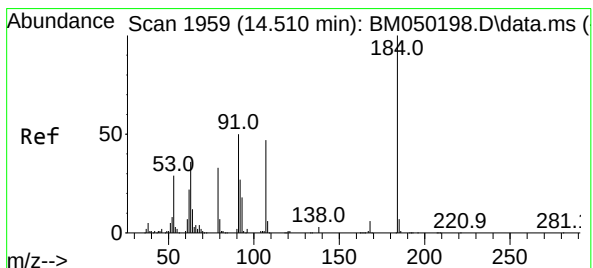
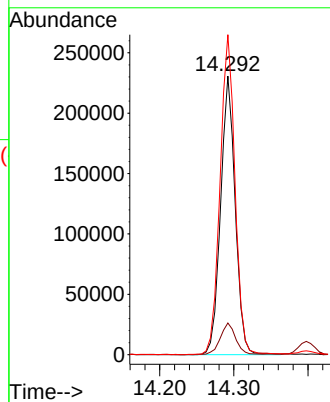
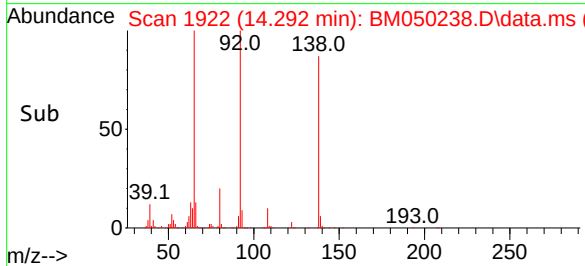
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:138 Resp: 316000
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 114.9 92.9 139.3

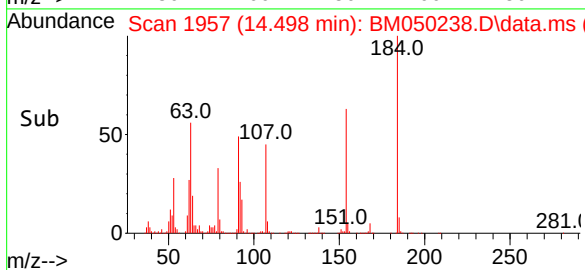
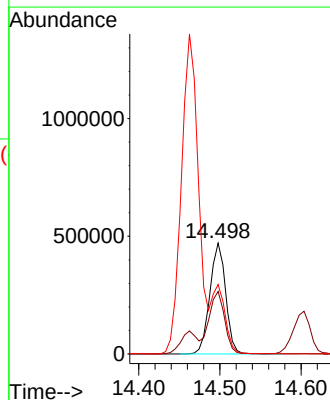
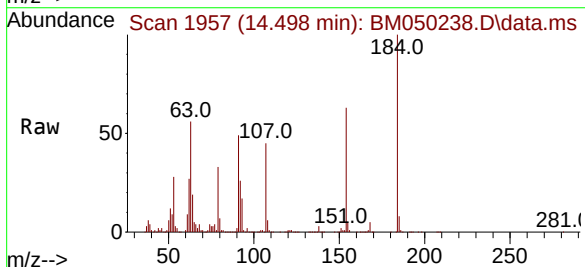
Manual Integrations
APPROVED

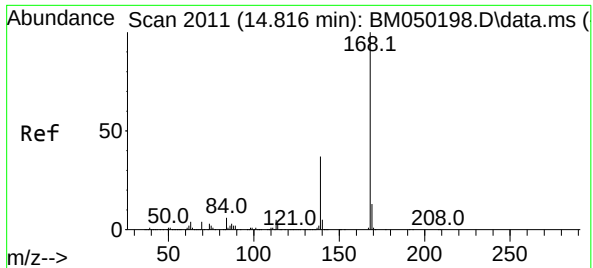
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#54
2,4-Dinitrophenol
Concen: 114.006 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

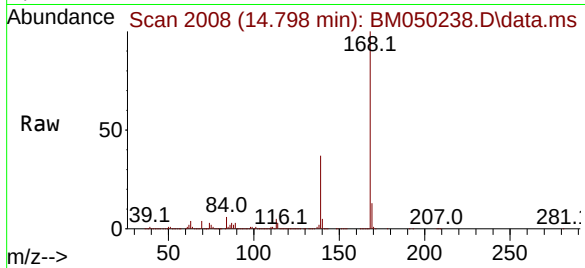
Tgt Ion:184 Resp: 635352
Ion Ratio Lower Upper
184 100
63 56.4 45.3 67.9
154 62.7 54.3 81.5





#55
Dibenzofuran
Concen: 48.342 ng
RT: 14.798 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

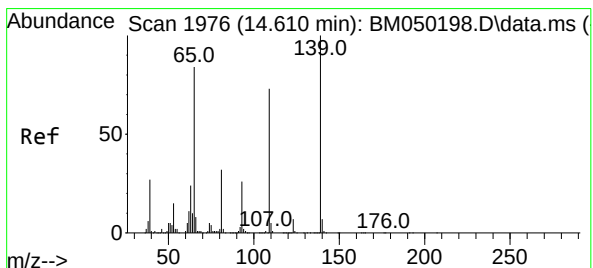
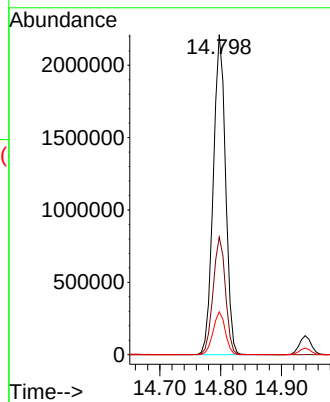
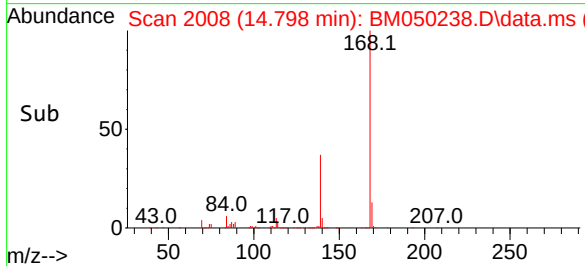
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:168 Resp: 309742
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9
169 13.4 10.6 16.0

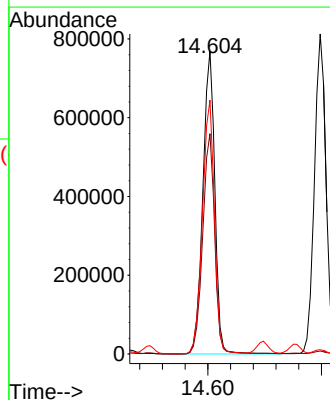
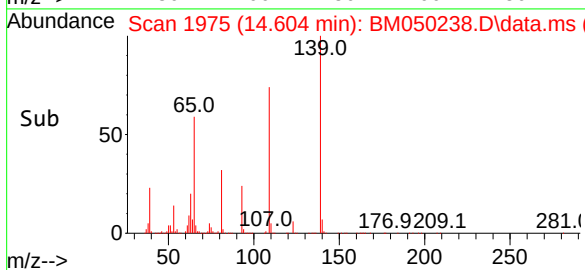
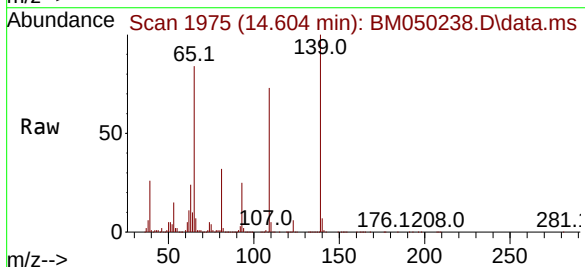
Manual Integrations
APPROVED

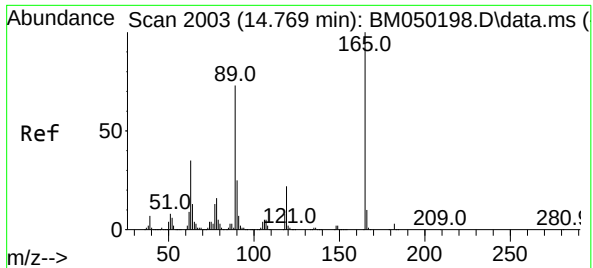
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#56
4-Nitrophenol
Concen: 116.598 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

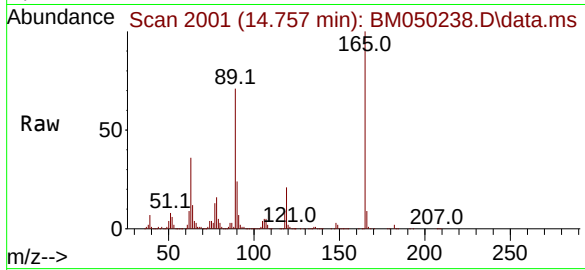
Tgt Ion:139 Resp: 1121805
Ion Ratio Lower Upper
139 100
109 72.7 52.6 92.6
65 83.8 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 57.552 ng
RT: 14.757 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

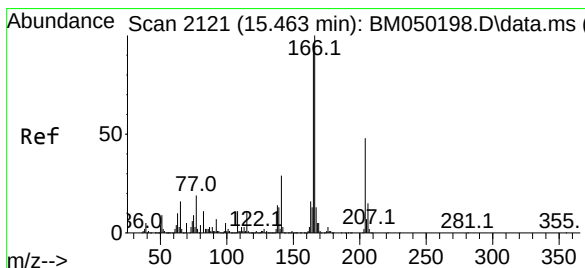
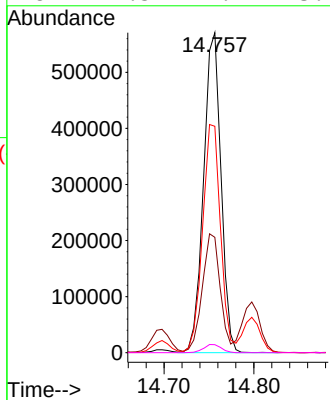
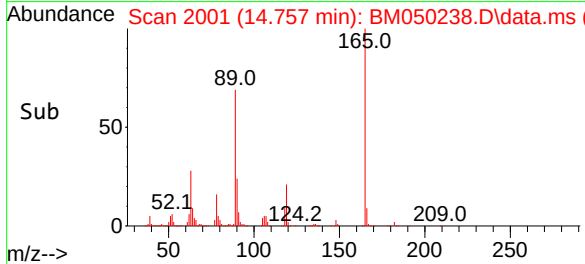
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:165 Resp: 770010
Ion Ratio Lower Upper
165 100
63 36.1 28.4 42.6
89 70.7 58.0 87.0
182 2.5 2.2 3.2

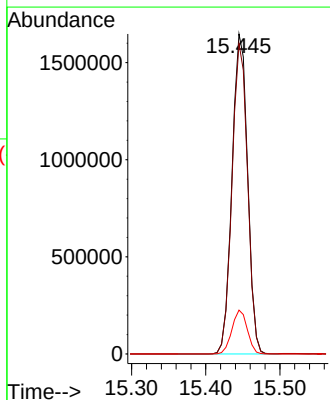
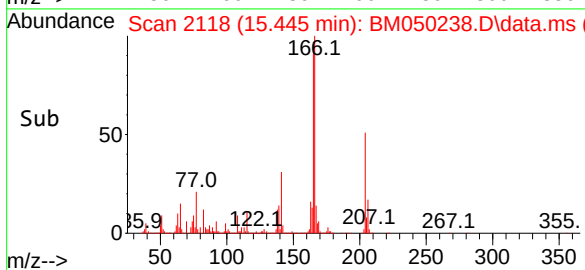
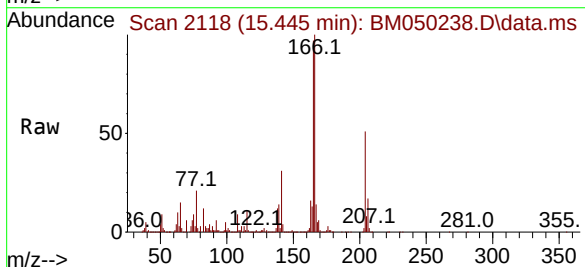
Manual Integrations
APPROVED

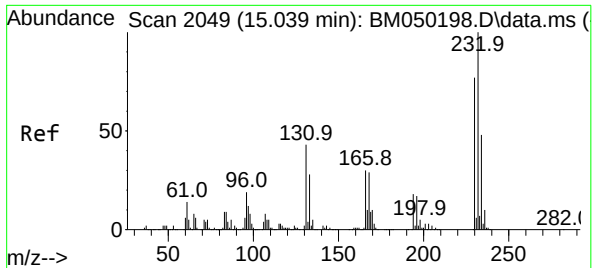
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 48.958 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

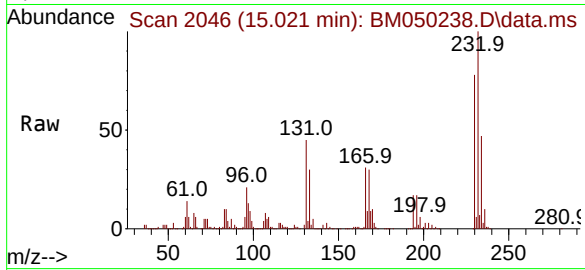
Tgt Ion:166 Resp: 2402646
Ion Ratio Lower Upper
166 100
165 97.0 77.0 115.4
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.041 ng
RT: 15.021 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

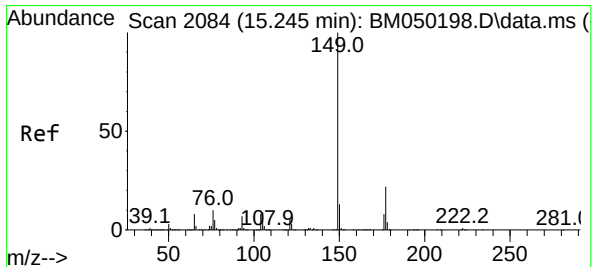
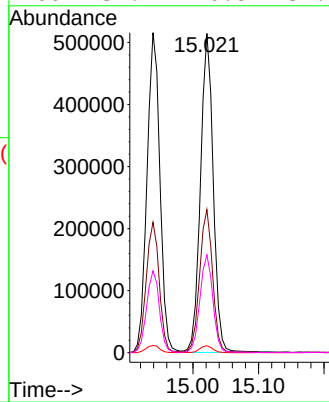
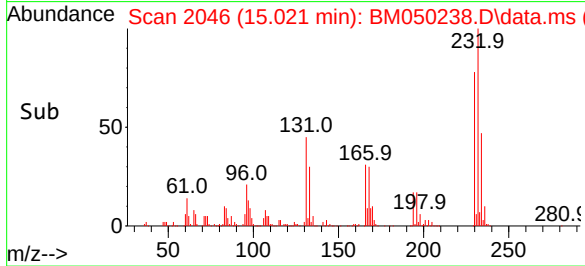
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:232 Resp: 698090
Ion Ratio Lower Upper
232 100
131 45.1 32.9 49.3
130 2.3 1.8 2.8
166 31.1 20.8 31.2

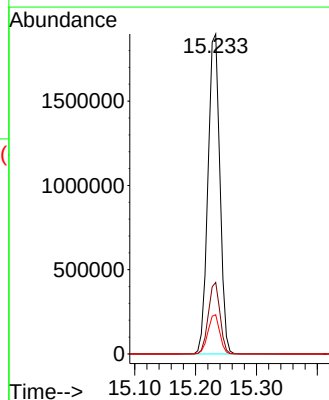
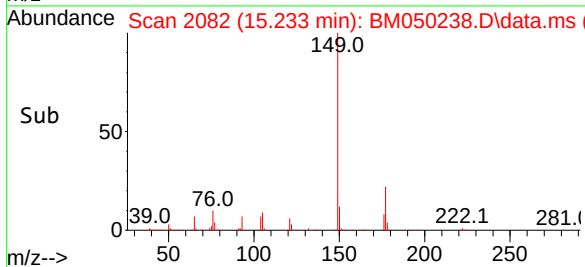
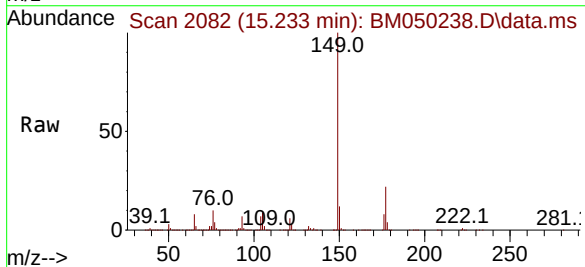
Manual Integrations
APPROVED

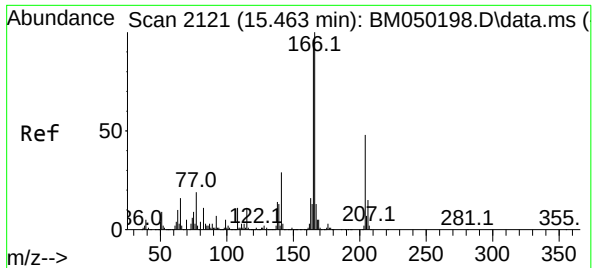
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#60
Diethylphthalate
Concen: 51.680 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

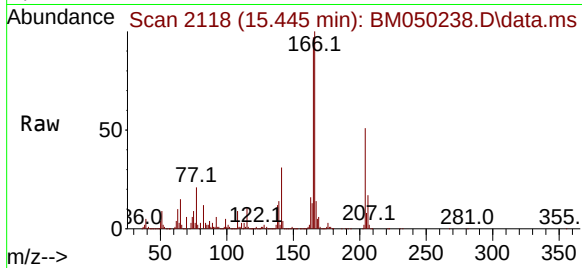
Tgt Ion:149 Resp: 2578921
Ion Ratio Lower Upper
149 100
177 22.3 17.2 25.8
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.930 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

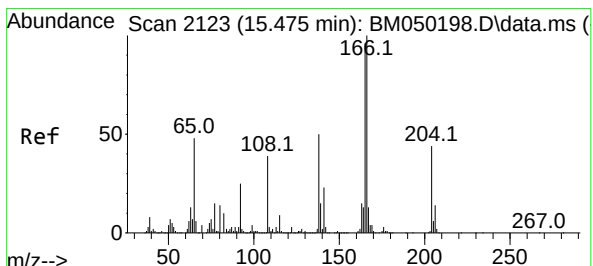
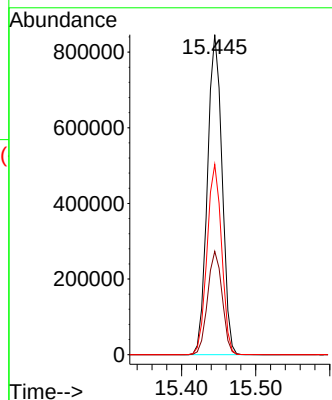
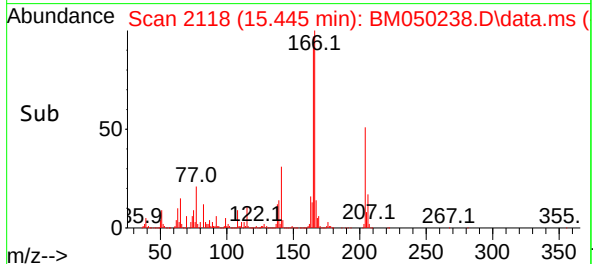
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:204 Resp: 116053
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.0
141 59.4 47.9 71.9

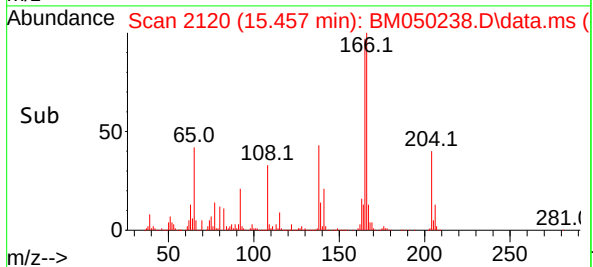
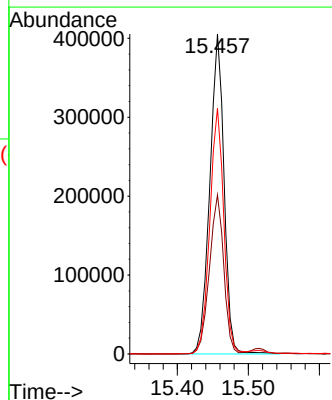
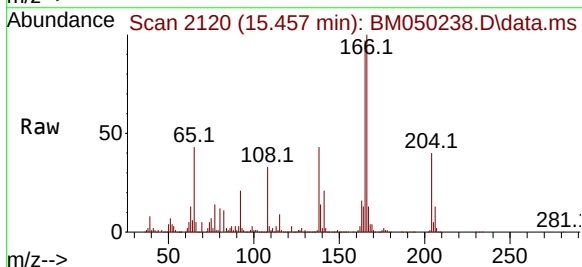
Manual Integrations
APPROVED

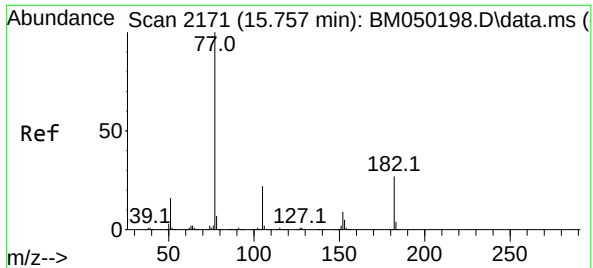
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#62
4-Nitroaniline
Concen: 53.462 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

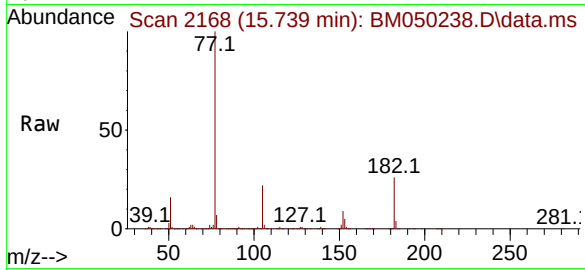
Tgt Ion:138 Resp: 566413
Ion Ratio Lower Upper
138 100
92 49.7 28.8 68.8
108 76.8 58.1 98.1





#63
Azobenzene
Concen: 50.272 ng
RT: 15.739 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

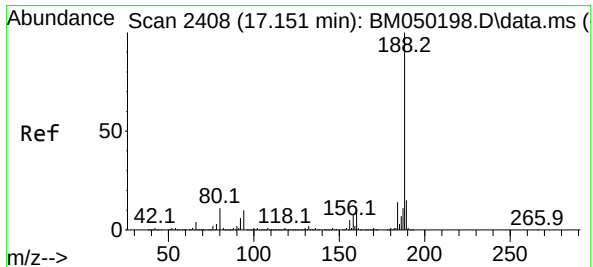
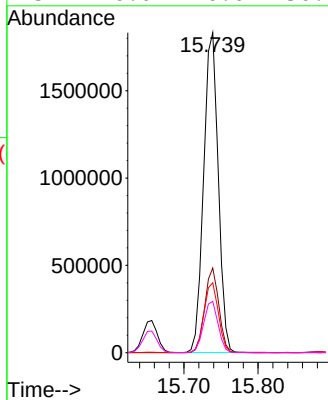
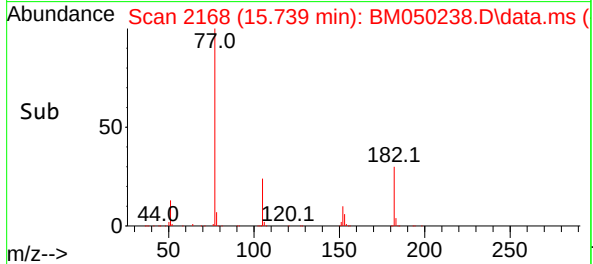
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion: 77 Resp: 250740
Ion Ratio Lower Upper
77 100
182 26.5 6.8 46.8
105 21.9 1.7 41.7
51 16.0 0.0 36.2

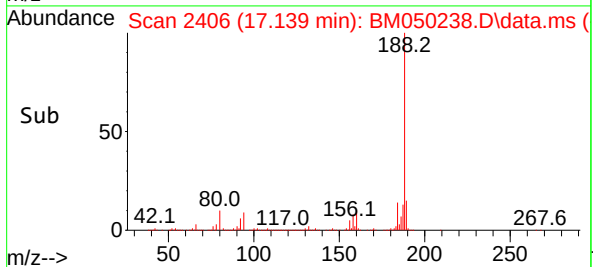
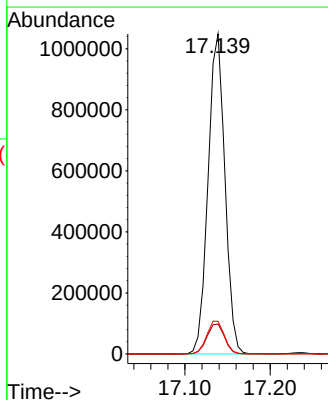
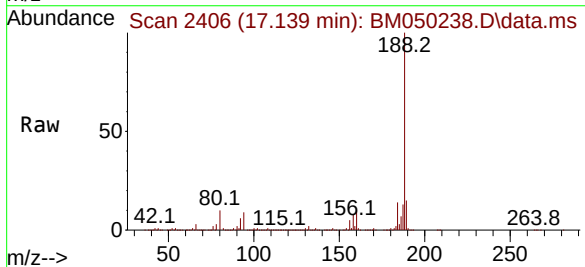
Manual Integrations
APPROVED

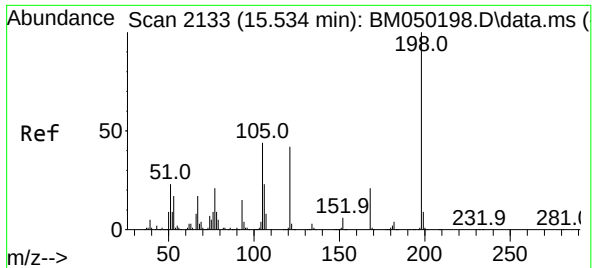
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

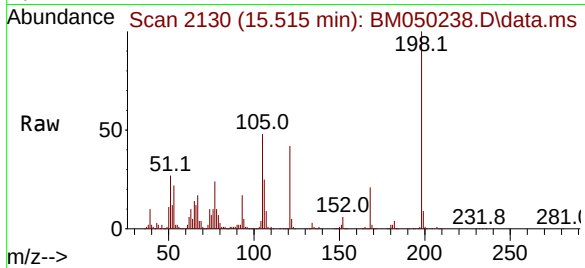
Tgt Ion:188 Resp: 1440533
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.2 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 51.564 ng
RT: 15.515 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

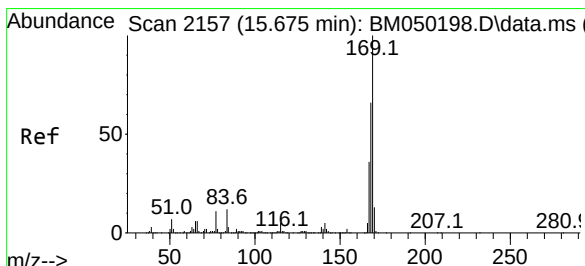
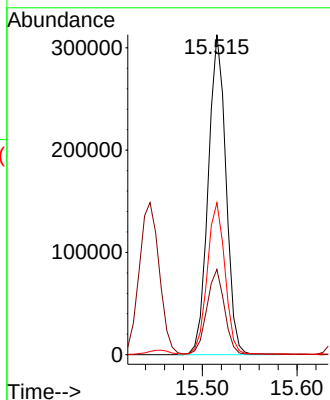
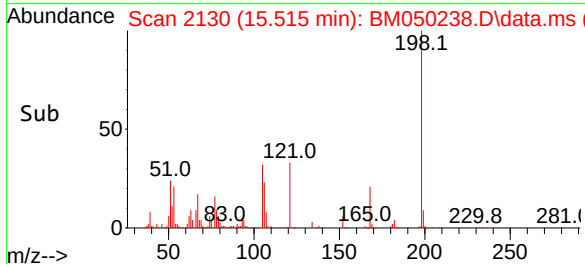
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:198 Resp: 405700
Ion Ratio Lower Upper
198 100
51 26.6 4.5 44.5
105 47.5 24.9 64.9

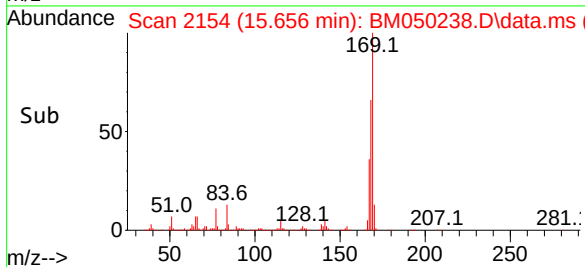
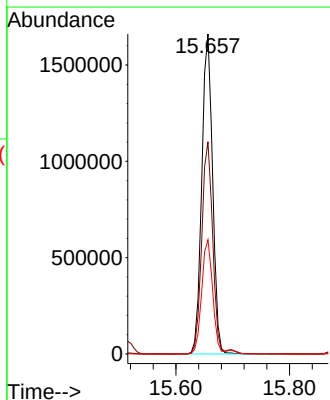
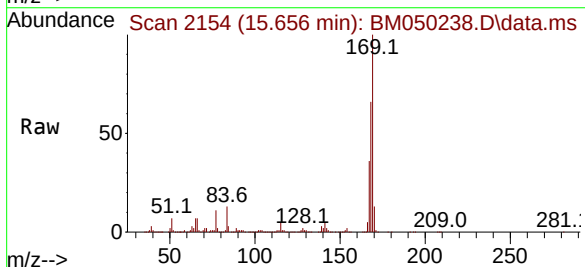
Manual Integrations
APPROVED

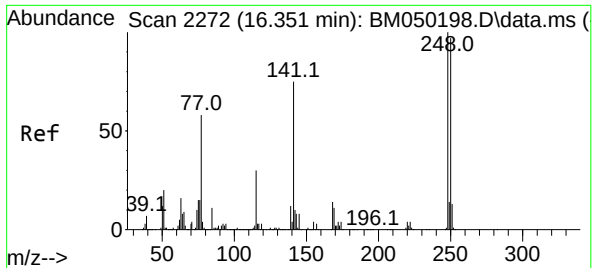
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#66
n-Nitrosodiphenylamine
Concen: 48.414 ng
RT: 15.656 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion:169 Resp: 2191325
Ion Ratio Lower Upper
169 100
168 66.3 53.1 79.7
167 35.7 29.0 43.6





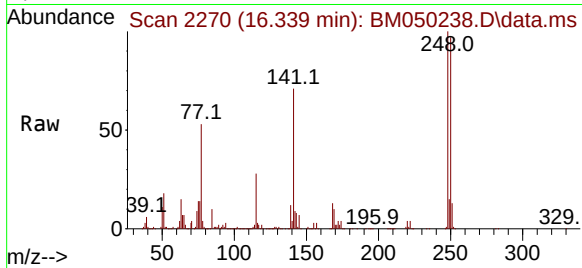
#67
4-Bromophenyl-phenylether
Concen: 48.565 ng
RT: 16.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS

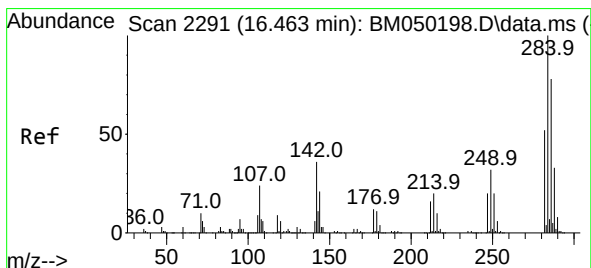
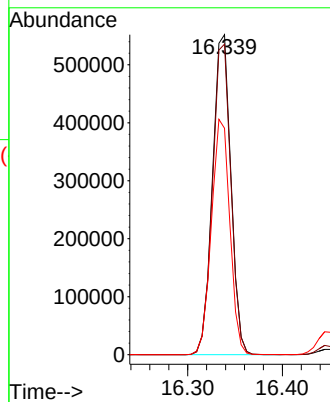
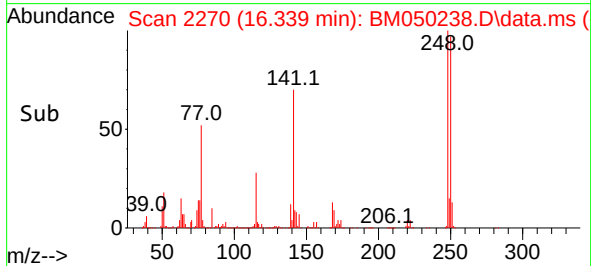


Tgt Ion:248 Resp: 746039
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 70.7 60.1 90.1

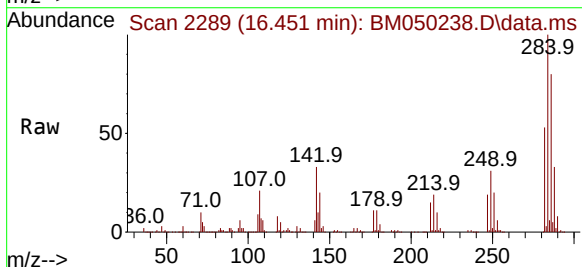
Manual Integrations

APPROVED

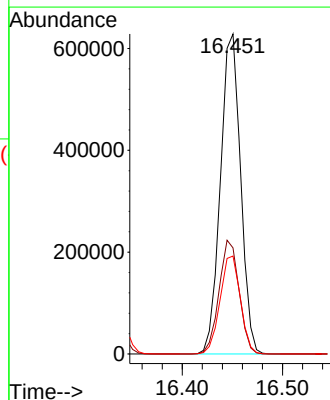
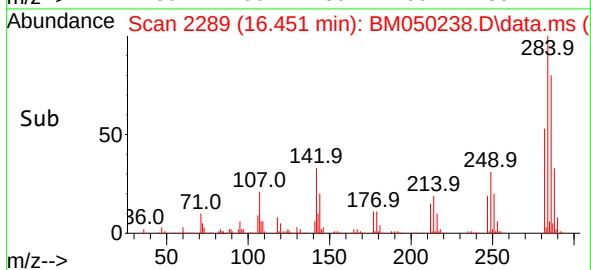
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

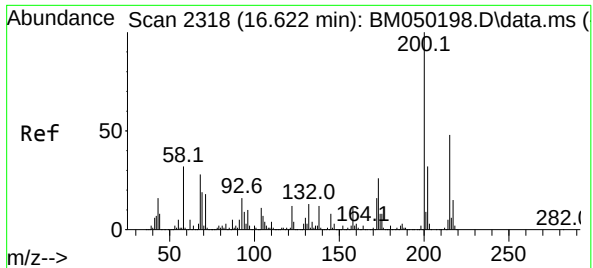


#68
Hexachlorobenzene
Concen: 48.784 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



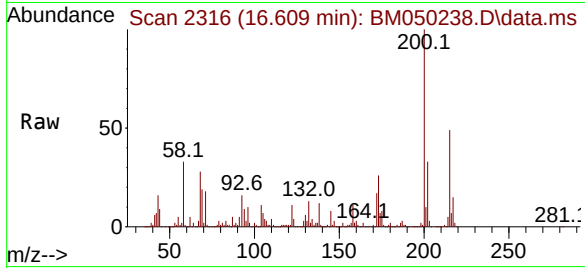
Tgt Ion:284 Resp: 875561
Ion Ratio Lower Upper
284 100
142 33.2 28.8 43.2
249 30.6 25.8 38.6





#69
Atrazine
Concen: 53.638 ng
RT: 16.609 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

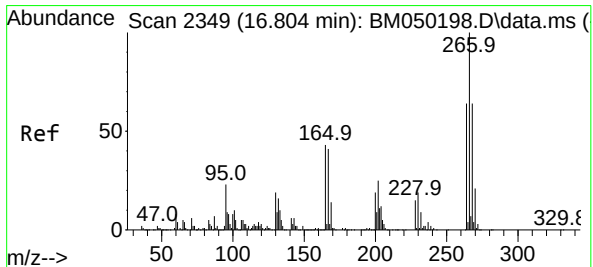
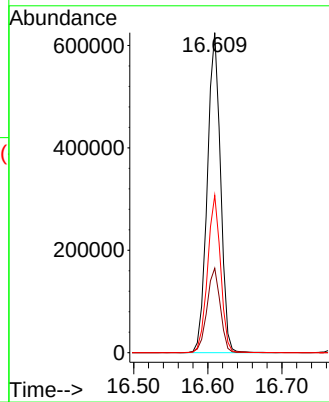
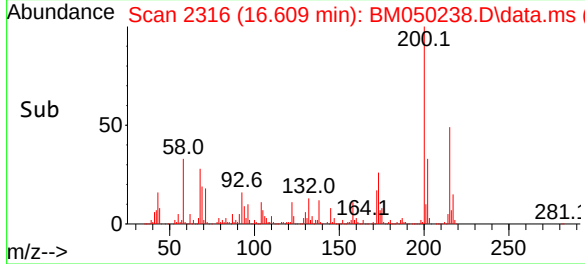
Instrument :
BNA_M
ClientSampleId :
PB168340BS



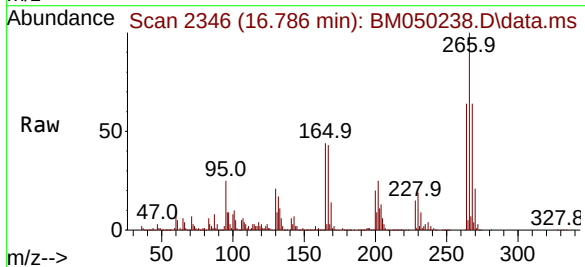
Tgt Ion:200 Resp: 77356
Ion Ratio Lower Upper
200 100
173 26.4 6.0 46.0
215 49.1 28.1 68.1

Manual Integrations
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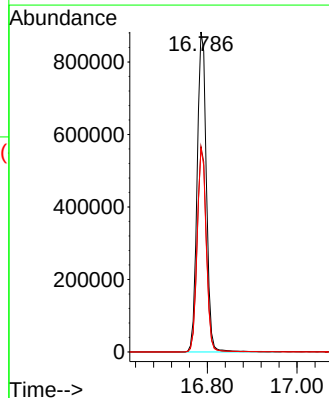
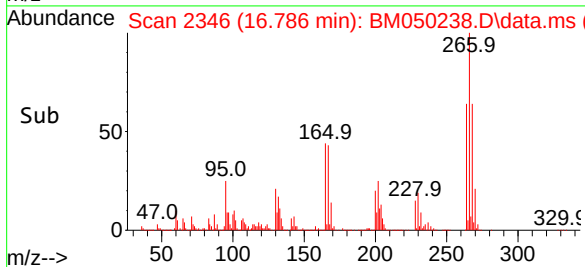
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

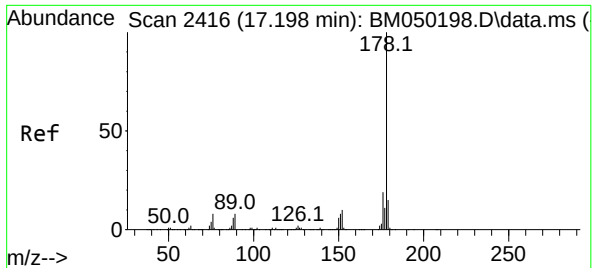


#70
Pentachlorophenol
Concen: 107.804 ng
RT: 16.786 min Scan# 2346
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



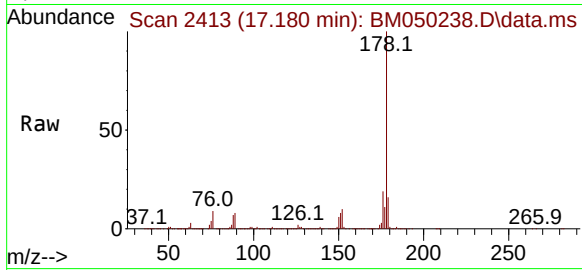
Tgt Ion:266 Resp: 1257952
Ion Ratio Lower Upper
266 100
268 64.2 51.0 76.6
264 63.6 50.8 76.2





#71
Phenanthrene
Concen: 48.255 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

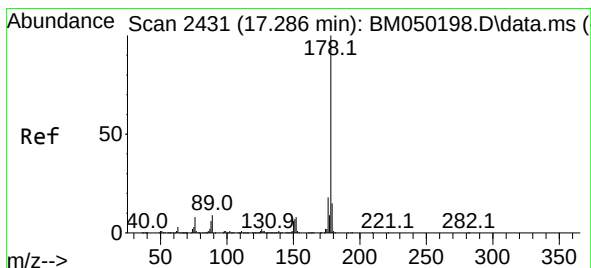
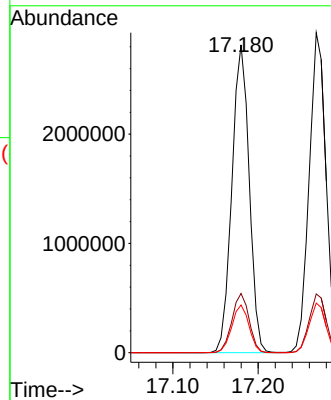
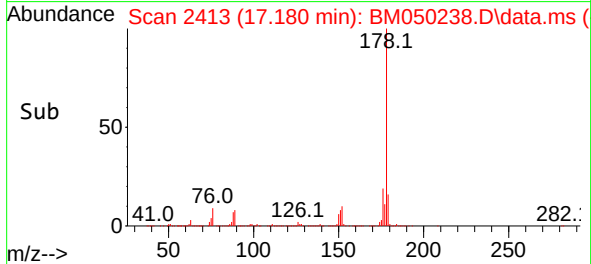
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:178 Resp: 3971000
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.3 18.5

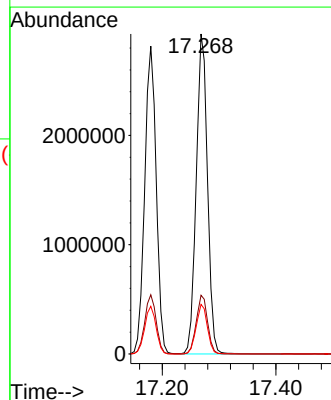
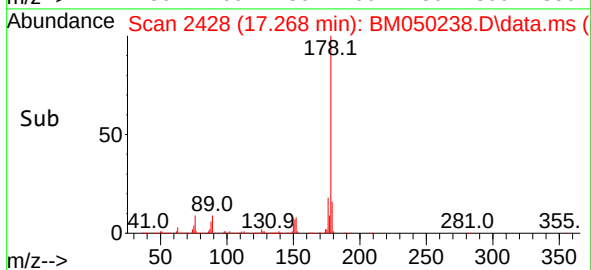
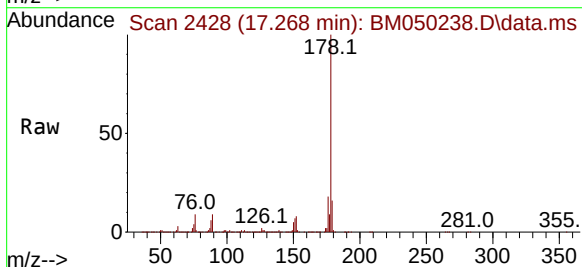
Manual Integrations
APPROVED

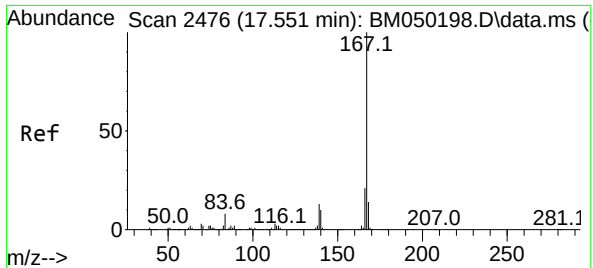
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 49.109 ng
RT: 17.268 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

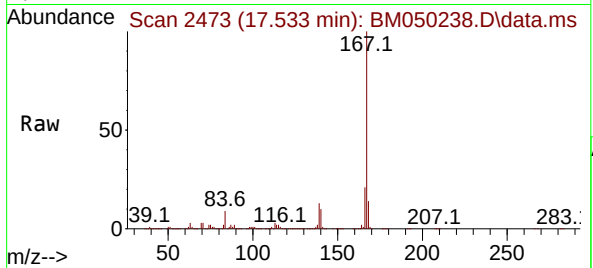
Tgt Ion:178 Resp: 4042950
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.3 18.5





#73
Carbazole
Concen: 51.125 ng
RT: 17.533 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

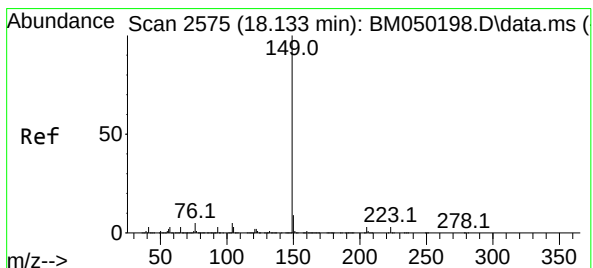
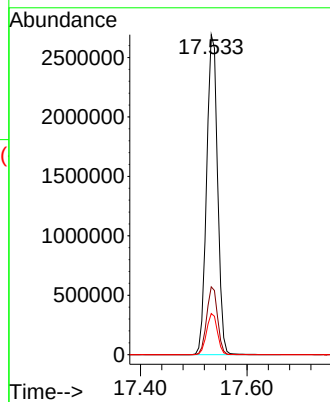
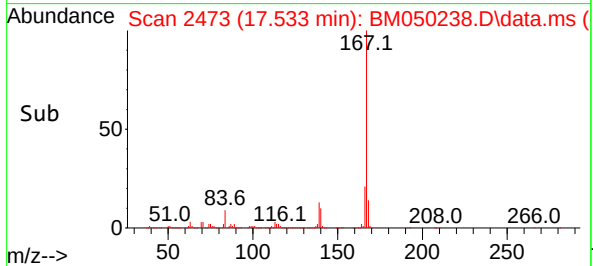
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:167 Resp: 3834360
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.9 10.2 15.4

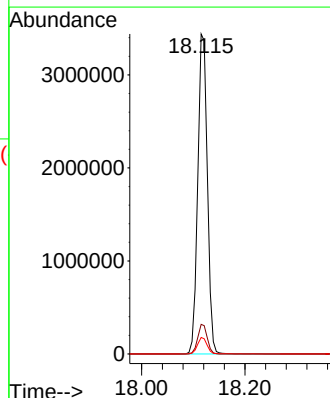
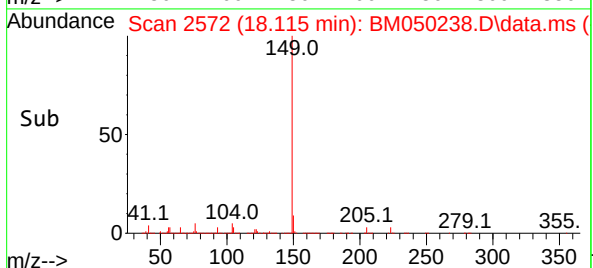
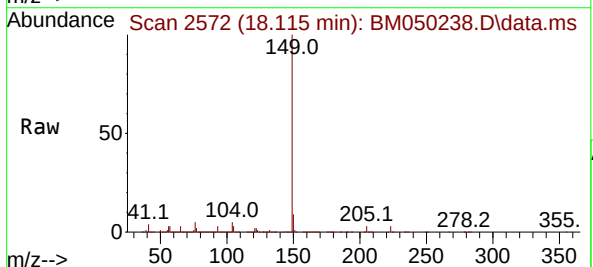
Manual Integrations
APPROVED

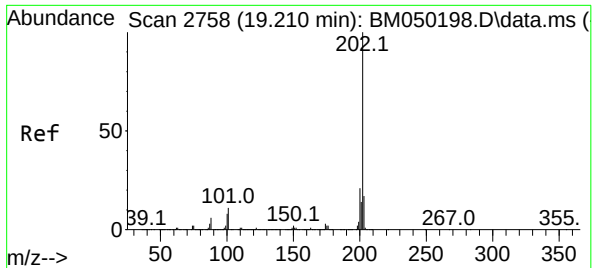
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#74
Di-n-butylphthalate
Concen: 54.294 ng
RT: 18.115 min Scan# 2572
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

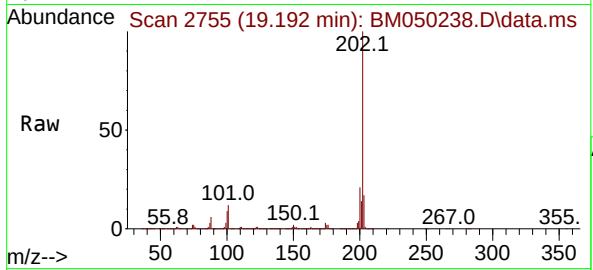
Tgt Ion:149 Resp: 4430714
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 52.126 ng
RT: 19.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

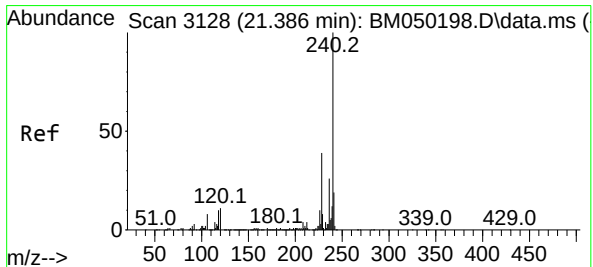
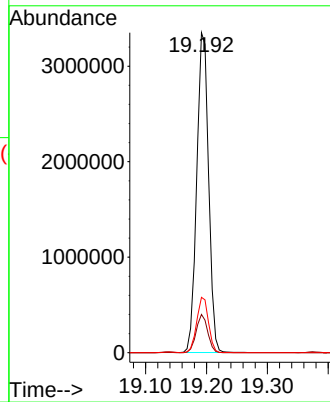
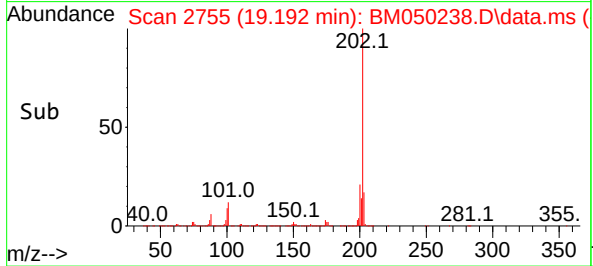
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:202 Resp: 452364
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.1
203 17.3 0.0 37.0

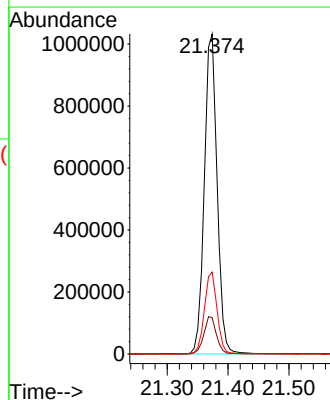
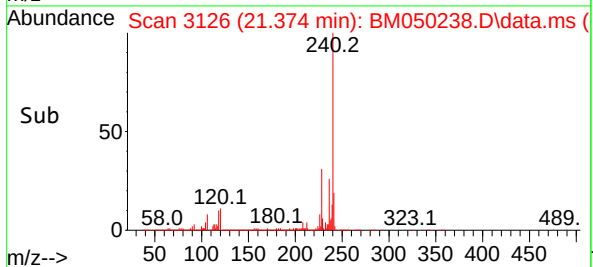
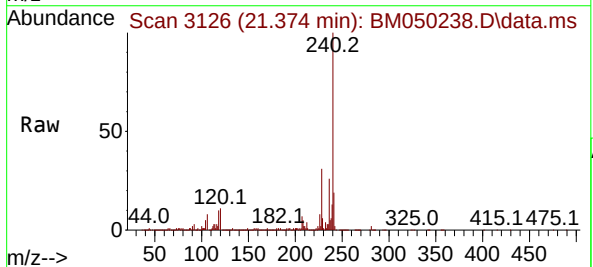
Manual Integrations
APPROVED

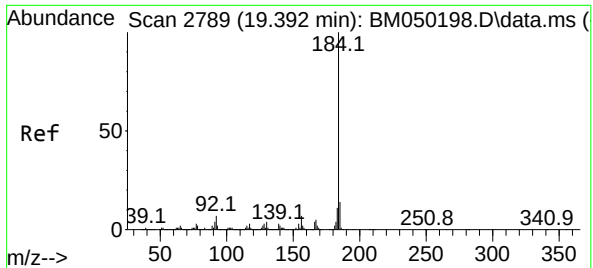
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

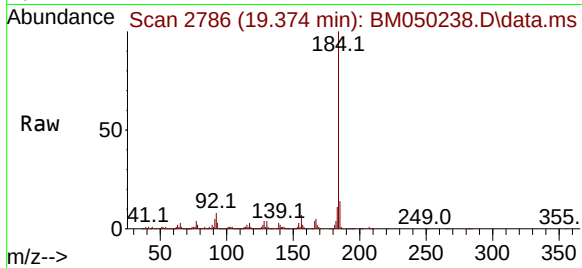
Tgt Ion:240 Resp: 1506864
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.6 20.7 31.1





#77
Benzidine
Concen: 39.989 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

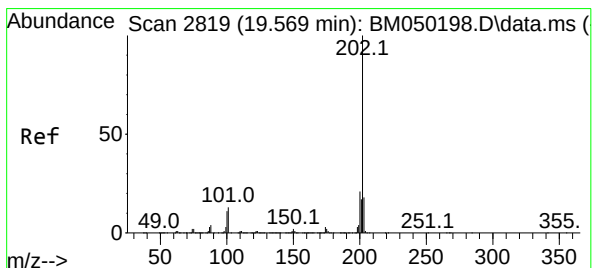
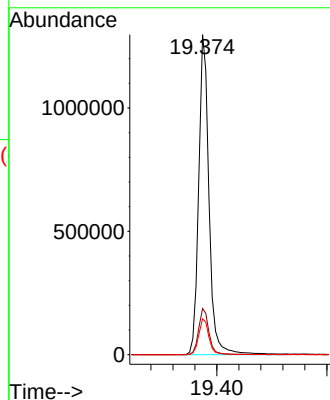
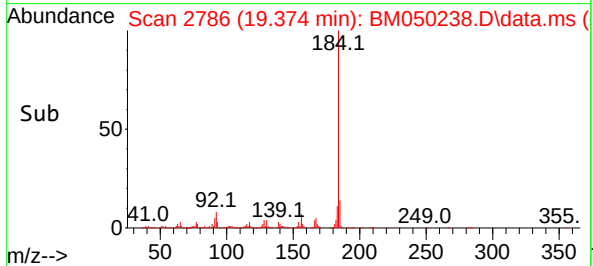
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:184 Resp: 1694498
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.2 9.0 13.4

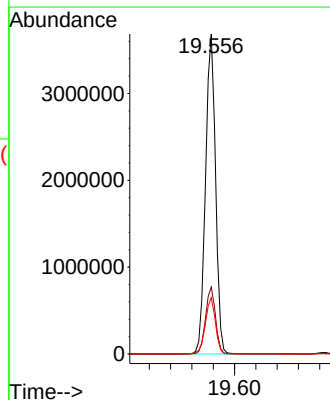
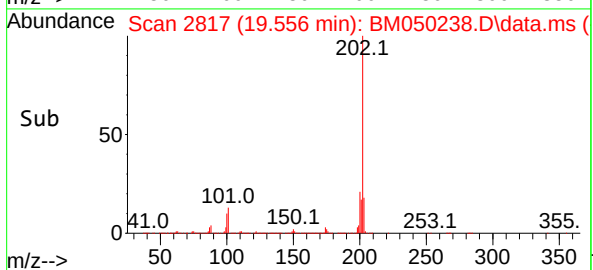
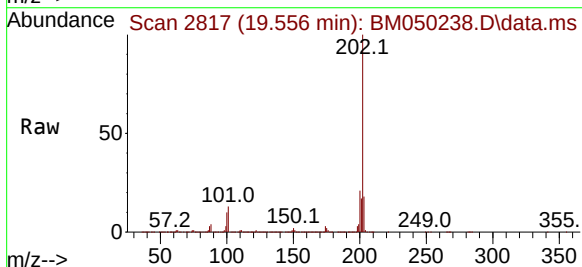
Manual Integrations
APPROVED

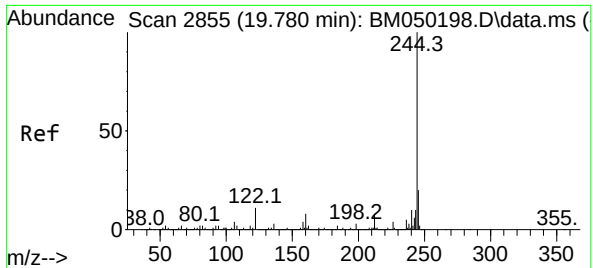
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#78
Pyrene
Concen: 47.334 ng
RT: 19.556 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

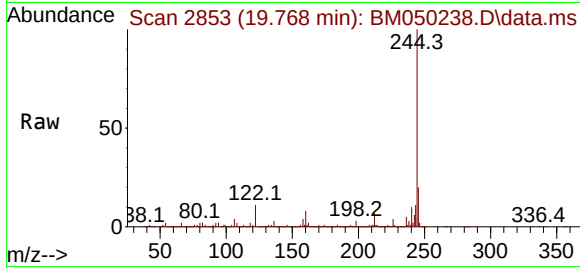
Tgt Ion:202 Resp: 4807428
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1





#79
Terphenyl-d14
Concen: 82.659 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

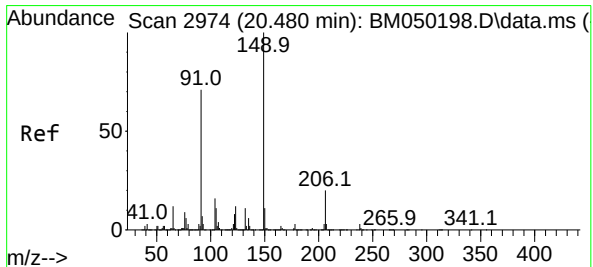
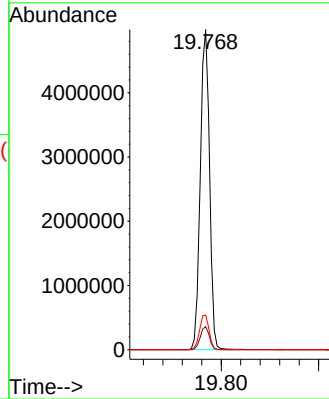
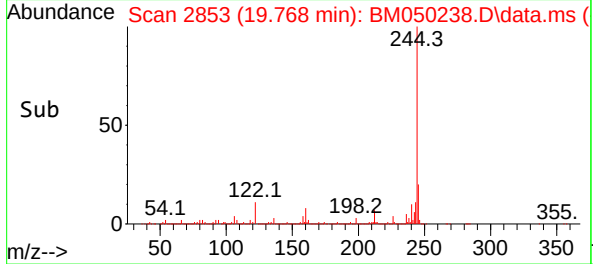
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:244 Resp: 657280
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.8 8.6 12.8

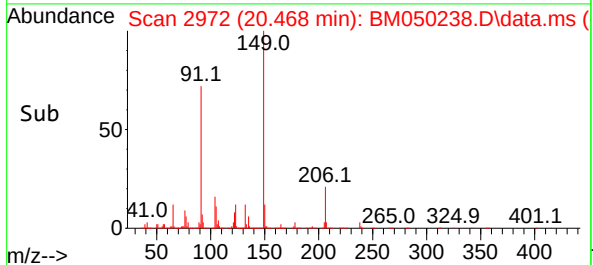
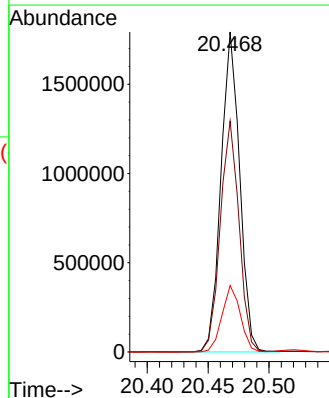
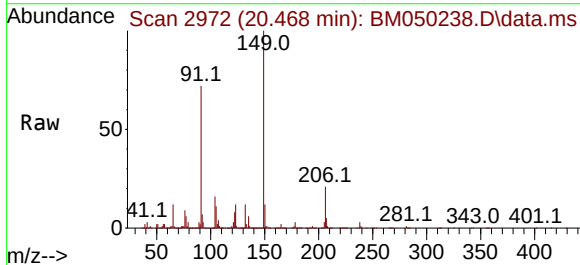
Manual Integrations
APPROVED

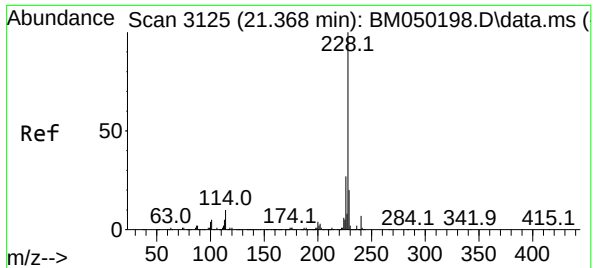
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#80
Butylbenzylphthalate
Concen: 56.466 ng
RT: 20.468 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

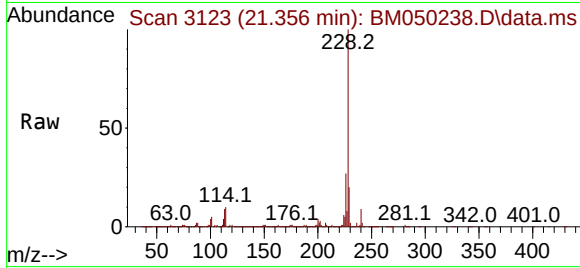
Tgt Ion:149 Resp: 1912953
Ion Ratio Lower Upper
149 100
91 72.1 56.9 85.3
206 20.8 16.1 24.1





#81
Benzo(a)anthracene
Concen: 49.467 ng
RT: 21.356 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

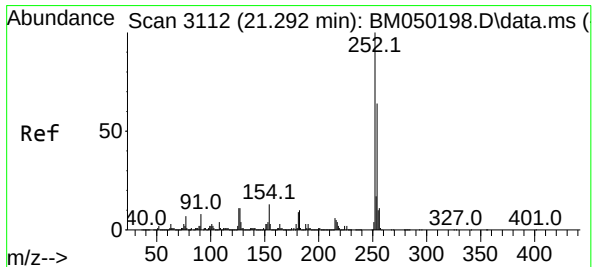
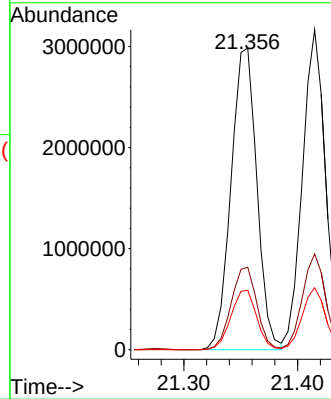
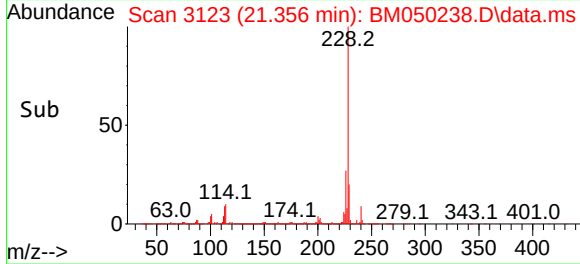
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:228 Resp: 4718074
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.7 15.7 23.5

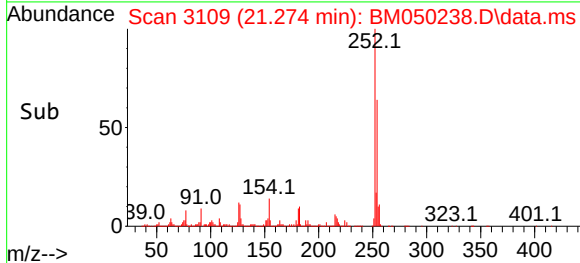
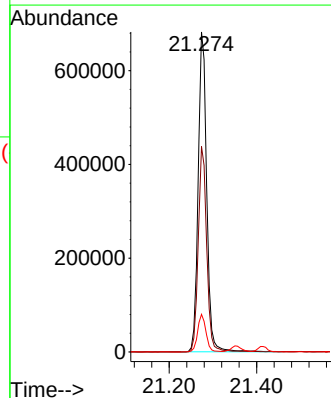
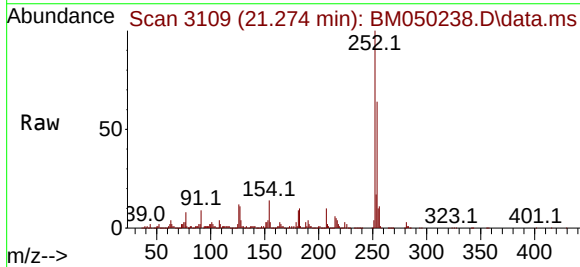
Manual Integrations
APPROVED

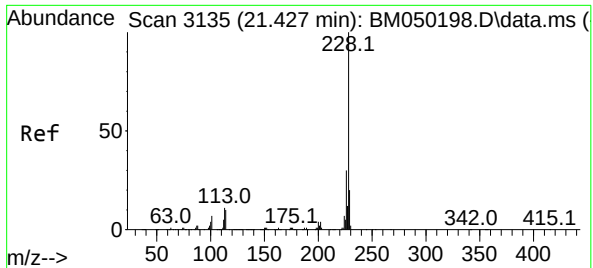
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 31.895 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

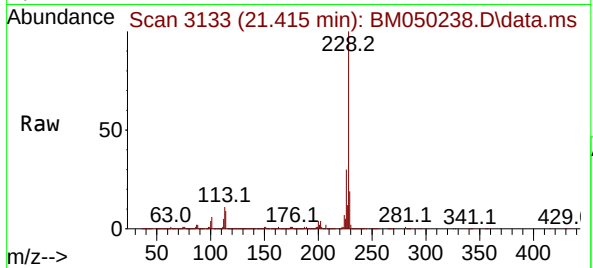
Tgt Ion:252 Resp: 927690
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 11.8 8.6 12.8





#83
Chrysene
Concen: 49.367 ng
RT: 21.415 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

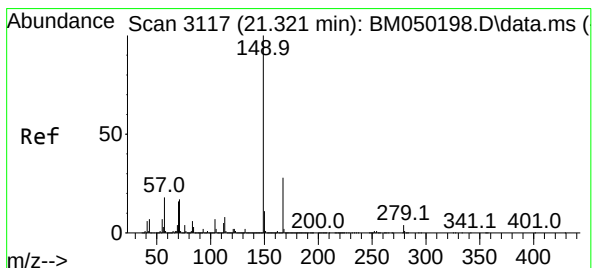
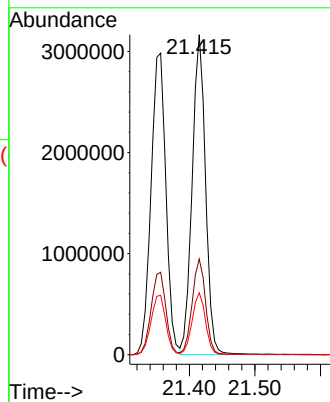
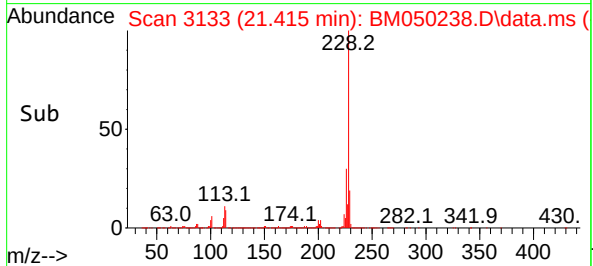
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:228 Resp: 4478849
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.4 15.8 23.8

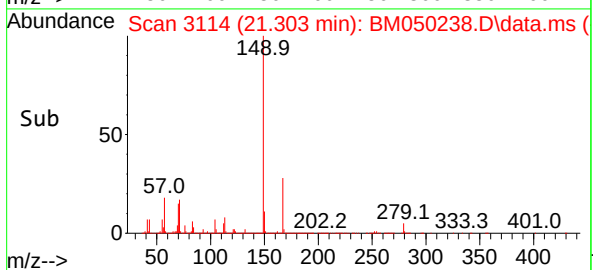
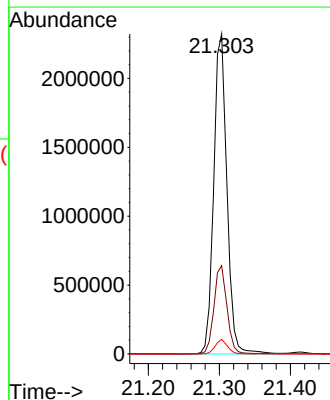
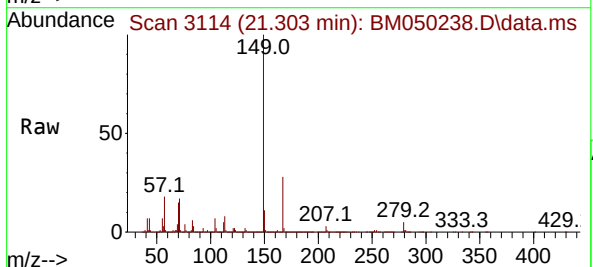
Manual Integrations
APPROVED

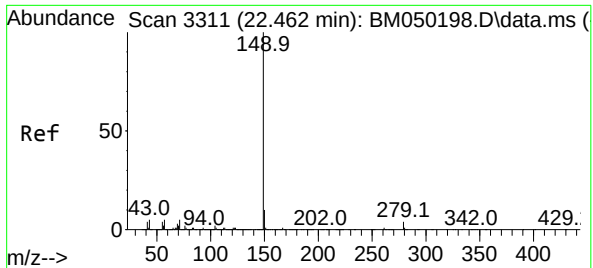
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.220 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

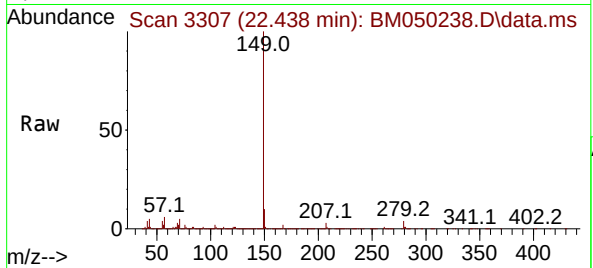
Tgt Ion:149 Resp: 2985953
Ion Ratio Lower Upper
149 100
167 27.6 22.3 33.5
279 4.6 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 62.946 ng
RT: 22.438 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

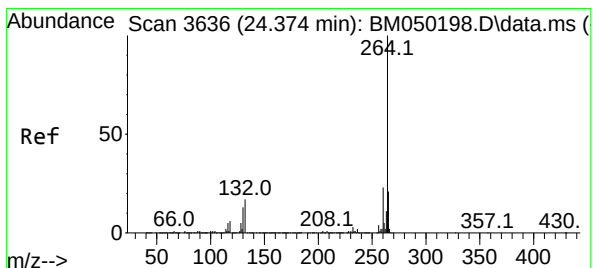
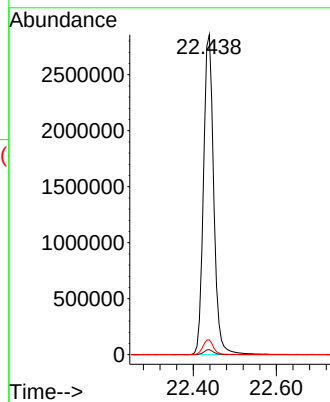
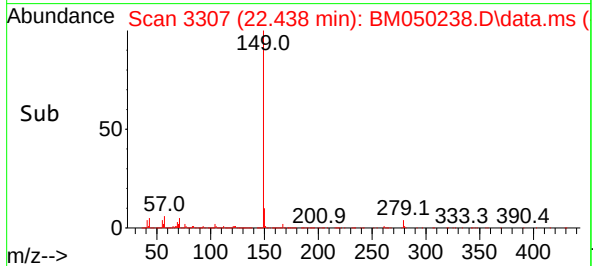
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:149 Resp: 487415
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.9 3.8 5.8

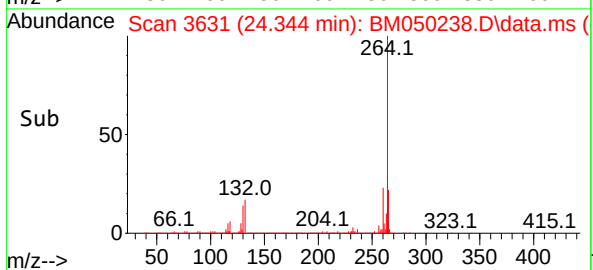
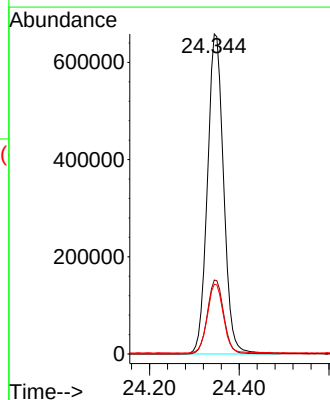
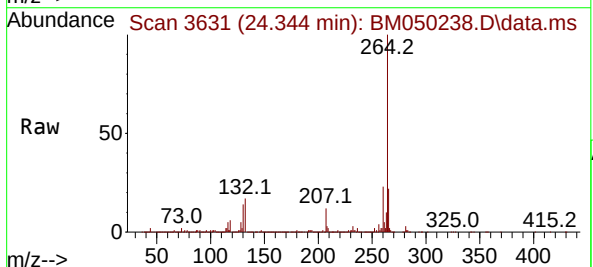
Manual Integrations
APPROVED

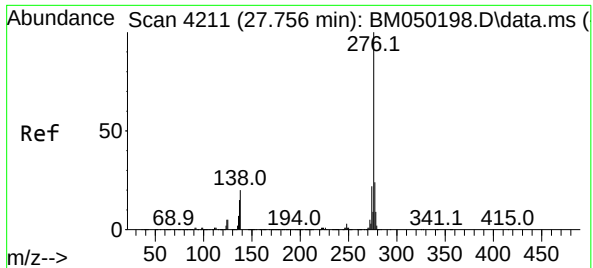
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

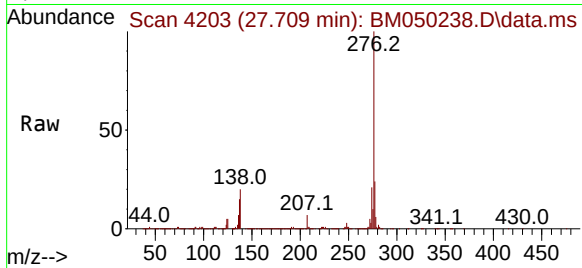
Tgt Ion:264 Resp: 1650438
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.8 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.920 ng
RT: 27.709 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

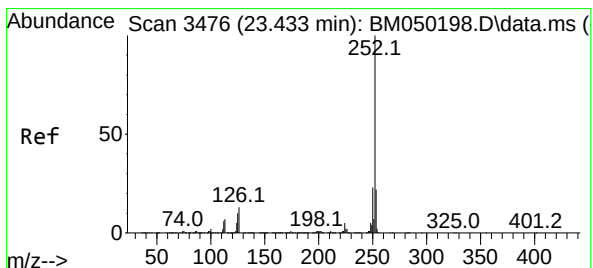
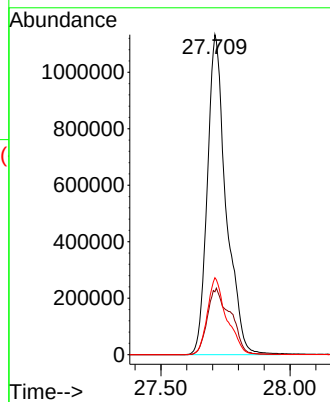
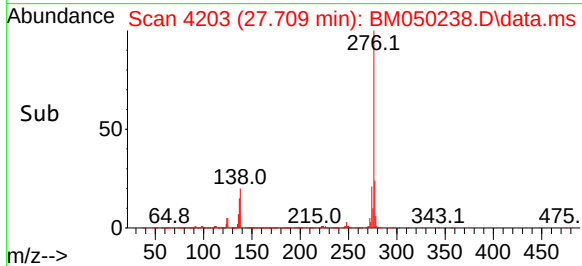
Instrument :
BNA_M
ClientSampleId :
PB168340BS



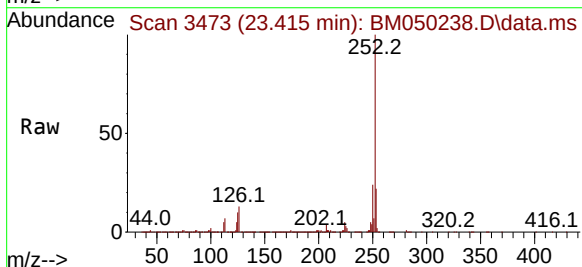
Tgt Ion:276 Resp: 572995
Ion Ratio Lower Upper
276 100
138 25.7 20.6 30.8
277 24.8 19.8 29.6

Manual Integrations
APPROVED

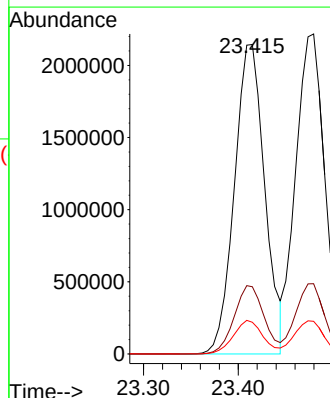
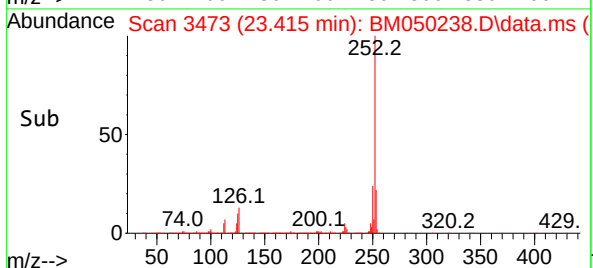
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

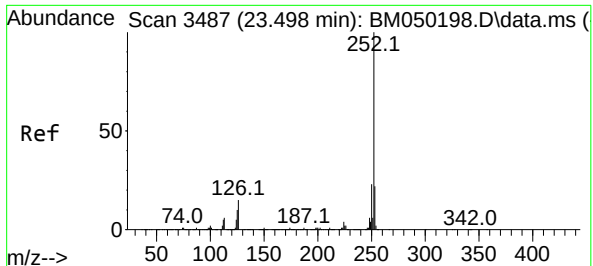


#88
Benzo(b)fluoranthene
Concen: 49.666 ng
RT: 23.415 min Scan# 3473
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



Tgt Ion:252 Resp: 4765849
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 48.998 ng

RT: 23.480 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS

Tgt Ion:252 Resp: 4799784

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

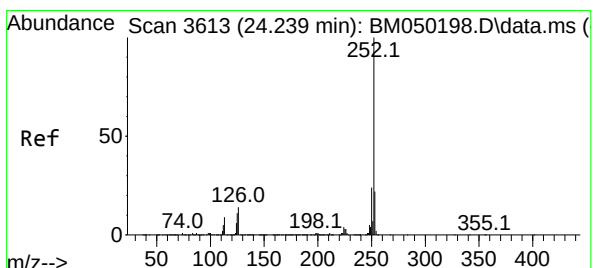
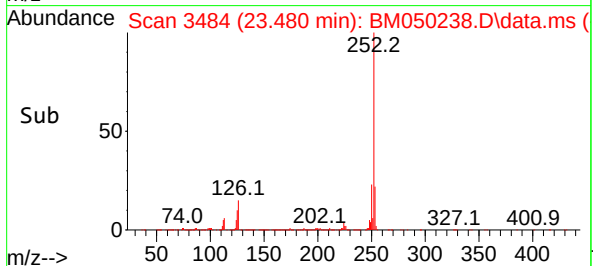
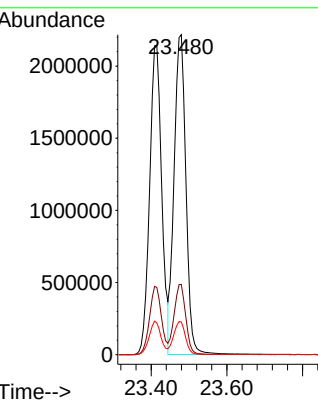
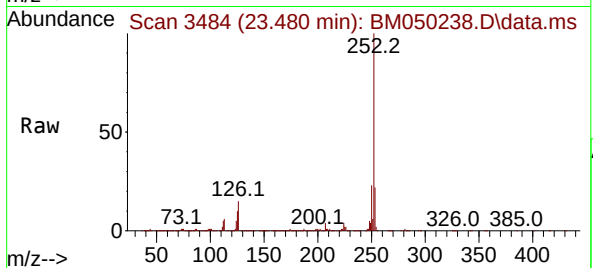
125 10.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 51.011 ng

RT: 24.209 min Scan# 3608

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

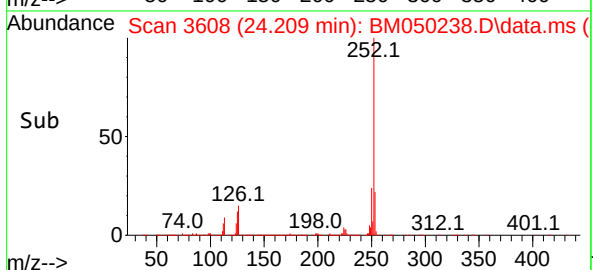
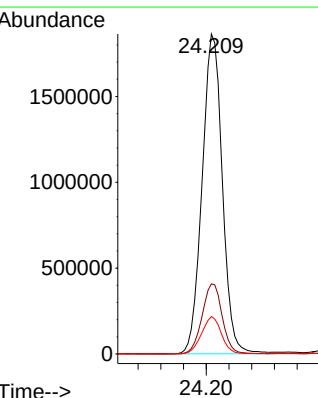
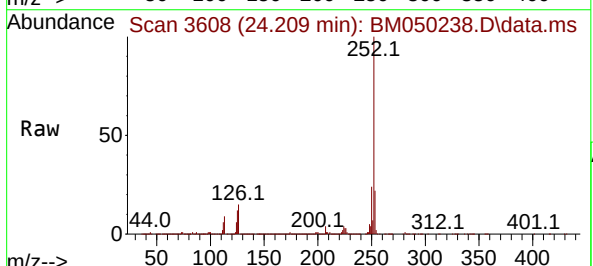
Tgt Ion:252 Resp: 4602184

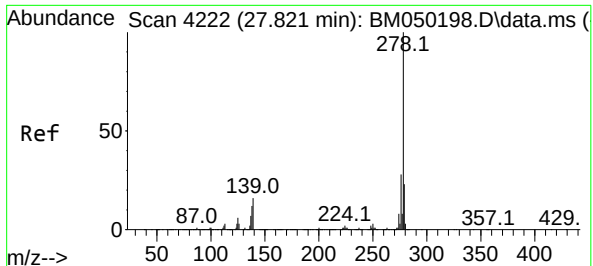
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

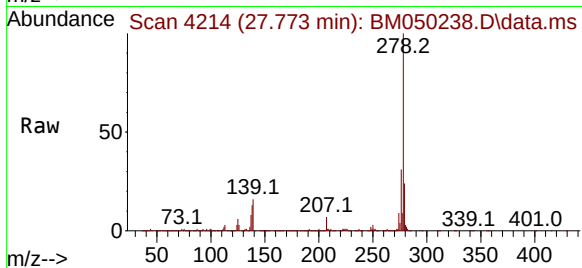
125 11.7 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 53.949 ng
RT: 27.773 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

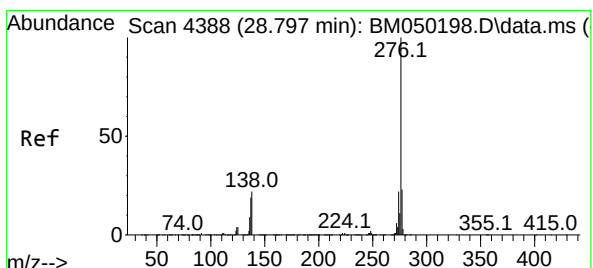
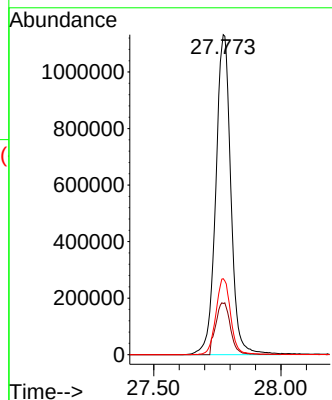
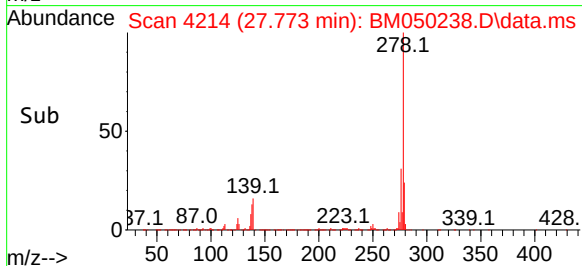
Instrument :
BNA_M
ClientSampleId :
PB168340BS



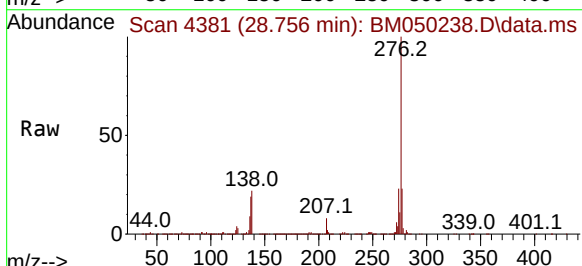
Tgt Ion:278 Resp: 465355
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.7 18.6 28.0

Manual Integrations
APPROVED

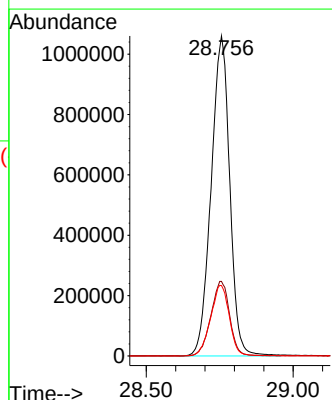
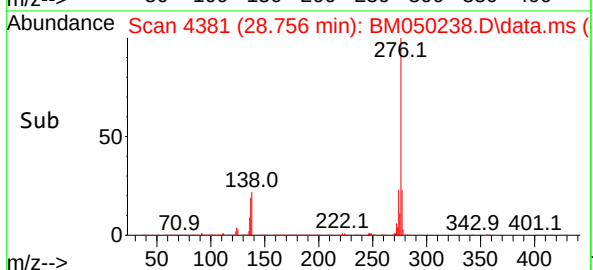
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#92
Benzo(g,h,i)perylene
Concen: 53.792 ng
RT: 28.756 min Scan# 4381
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



Tgt Ion:276 Resp: 4644096
Ion Ratio Lower Upper
276 100
277 23.3 18.6 27.8
138 22.0 17.8 26.6



Report of Analysis

Client:	G Environmental	Date Collected:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB3MS	SDG No.:	Q2125
Lab Sample ID:	Q2125-08MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
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
BM050241.D	1	06/06/25 09:15	06/09/25 14:08	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	59.0		0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	170	E	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.9		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.0		30 (52) - 130 (132)	85%	SPK: 100
1718-51-0	Terphenyl-d14	92.4		30 (42) - 130 (152)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	289000	7.769			
1146-65-2	Naphthalene-d8	1140000	10.557			
15067-26-2	Acenaphthene-d10	673000	14.398			
1517-22-2	Phenanthrene-d10	1260000	17.139			
1719-03-5	Chrysene-d12	1230000	21.368			
1520-96-3	Perylene-d12	1350000	24.344			

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_M\Data\BM060925\
 Data File : BM050241.D
 Acq On : 09 Jun 2025 14:08
 Operator : RC/JU
 Sample : Q2125-08MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

GSB3MS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 15:08:38 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	289351	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1143577	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	672610	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1263274	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1232808	20.000	ng	0.00
86) Perylene-d12	24.344	264	1346663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1255227	72.365	ng	0.00
7) Phenol-d6	6.928	99	1051650	46.056	ng	0.00
23) Nitrobenzene-d5	8.916	82	1998828	90.904	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1206681	157.727	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4225084	85.044	ng	0.00
79) Terphenyl-d14	19.768	244	6013290	92.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	142755	18.775	ng	98
3) Pyridine	3.669	79	347991	17.673	ng	99
4) n-Nitrosodimethylamine	3.575	42	86452	21.233	ng	# 96
6) Aniline	7.093	93	733032	24.284	ng	99
8) 2-Chlorophenol	7.334	128	807950	42.347	ng	99
9) Benzaldehyde	6.904	77	516304	35.564	ng	98
10) Phenol	6.957	94	393327	16.280	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	943092	48.531	ng	99
12) 1,3-Dichlorobenzene	7.657	146	926381	43.431	ng	98
13) 1,4-Dichlorobenzene	7.798	146	959761	43.247	ng	100
14) 1,2-Dichlorobenzene	8.116	146	936149	44.249	ng	99
15) Benzyl Alcohol	7.998	79	547664	33.628	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	665085	49.268	ng	99
17) 2-Methylphenol	8.204	107	571452	35.848	ng	99
18) Hexachloroethane	8.845	117	448949	55.861	ng	99
19) n-Nitroso-di-n-propyla...	8.569	70	700907	50.161	ng	99
20) 3+4-Methylphenols	8.528	107	677186	31.752	ng	97
22) Acetophenone	8.581	105	1570871	54.983	ng	# 97
24) Nitrobenzene	8.957	77	1007723	50.391	ng	99
25) Isophorone	9.486	82	1951003	51.408	ng	100
26) 2-Nitrophenol	9.669	139	465171	53.887	ng	99
27) 2,4-Dimethylphenol	9.734	122	833101	46.970	ng	100
28) bis(2-Chloroethoxy)met...	9.969	93	1261615	50.886	ng	99
29) 2,4-Dichlorophenol	10.198	162	823441	50.169	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	886464	48.534	ng	99
31) Naphthalene	10.604	128	3489029	59.011	ng	99
32) Benzoic acid	9.810	122	180703	16.211	ng	89
33) 4-Chloroaniline	10.704	127	680776	27.007	ng	98
34) Hexachlorobutadiene	10.904	225	529682	48.755	ng	99
35) Caprolactam	11.486	113	54718	10.515	ng	92
36) 4-Chloro-3-methylphenol	11.833	107	831853	47.496	ng	100
37) 2-Methylnaphthalene	12.222	142	6126319	171.755	ng	98
38) 1-Methylnaphthalene	12.439	142	5031667	132.909	ng	99
40) 1,2,4,5-Tetrachloroben...	12.592	216	982068	50.564	ng	99
41) Hexachlorocyclopentadiene	12.580	237	1103973	93.595	ng	98
43) 2,4,6-Trichlorophenol	12.827	196	672731	52.671	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050241.D
 Acq On : 09 Jun 2025 14:08
 Operator : RC/JU
 Sample : Q2125-08MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

GSB3MS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 15:08:38 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	732097	52.205	ng	98
46) 1,1'-Biphenyl	13.233	154	2582829	51.283	ng	98
47) 2-Chloronaphthalene	13.275	162	1970253	50.319	ng	100
48) 2-Nitroaniline	13.469	65	506865	58.824	ng	98
49) Acenaphthylene	14.121	152	3219411	50.835	ng	98
50) Dimethylphthalate	13.863	163	2420352	53.208	ng	100
51) 2,6-Dinitrotoluene	13.969	165	492752	53.715	ng	92
52) Acenaphthene	14.463	154	2423578m	61.183	ng	
53) 3-Nitroaniline	14.292	138	278218	27.212	ng	98
54) 2,4-Dinitrophenol	14.498	184	604886	122.615	ng	95
55) Dibenzofuran	14.798	168	3251696	56.110	ng	98
56) 4-Nitrophenol	14.598	139	401045	46.087	ng	99
57) 2,4-Dinitrotoluene	14.757	165	720272	59.521	ng	# 96
58) Fluorene	15.445	166	2659647	59.920	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	650150m	53.586	ng	
60) Diethylphthalate	15.227	149	2657786	58.887	ng	98
61) 4-Chlorophenyl-phenyle...	15.445	204	1116837	52.062	ng	99
62) 4-Nitroaniline	15.457	138	504811	52.681	ng	97
63) Azobenzene	15.733	77	2343360	51.945	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	386478	56.013	ng	97
66) n-Nitrosodiphenylamine	15.657	169	2109439	53.144	ng	99
67) 4-Bromophenyl-phenylether	16.339	248	728512	54.078	ng	97
68) Hexachlorobenzene	16.451	284	825570	52.453	ng	96
69) Atrazine	16.610	200	739965	58.508	ng	99
70) Pentachlorophenol	16.786	266	1161426	113.498	ng	99
71) Phenanthrene	17.180	178	4251041	58.906	ng	100
72) Anthracene	17.268	178	3694142	51.169	ng	99
73) Carbazole	17.533	167	3525760	53.606	ng	100
74) Di-n-butylphthalate	18.115	149	4601778	64.303	ng	100
75) Fluoranthene	19.192	202	4150751	54.540	ng	98
77) Benzidine	19.374	184	569686	16.433	ng	99
78) Pyrene	19.556	202	4405786	53.023	ng	100
80) Butylbenzylphthalate	20.468	149	1864215	67.260	ng	99
81) Benzo(a)anthracene	21.350	228	4155727	53.257	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	1261208	53.001	ng	99
83) Chrysene	21.415	228	3876537	52.227	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2857713	66.937	ng	100
85) Di-n-octyl phthalate	22.433	149	4670562	73.725	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	5066448	58.431	ng	# 93
88) Benzo(b)fluoranthene	23.415	252	4219935	53.897	ng	99
89) Benzo(k)fluoranthene	23.474	252	4143643	51.842	ng	100
90) Benzo(a)pyrene	24.209	252	4038417	54.859	ng	99
91) Dibenzo(a,h)anthracene	27.774	278	4134482	58.744	ng	99
92) Benzo(g,h,i)perylene	28.750	276	4114165	58.404	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050241.D
 Acq On : 09 Jun 2025 14:08
 Operator : RC/JU
 Sample : Q2125-08MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

GSB3MS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

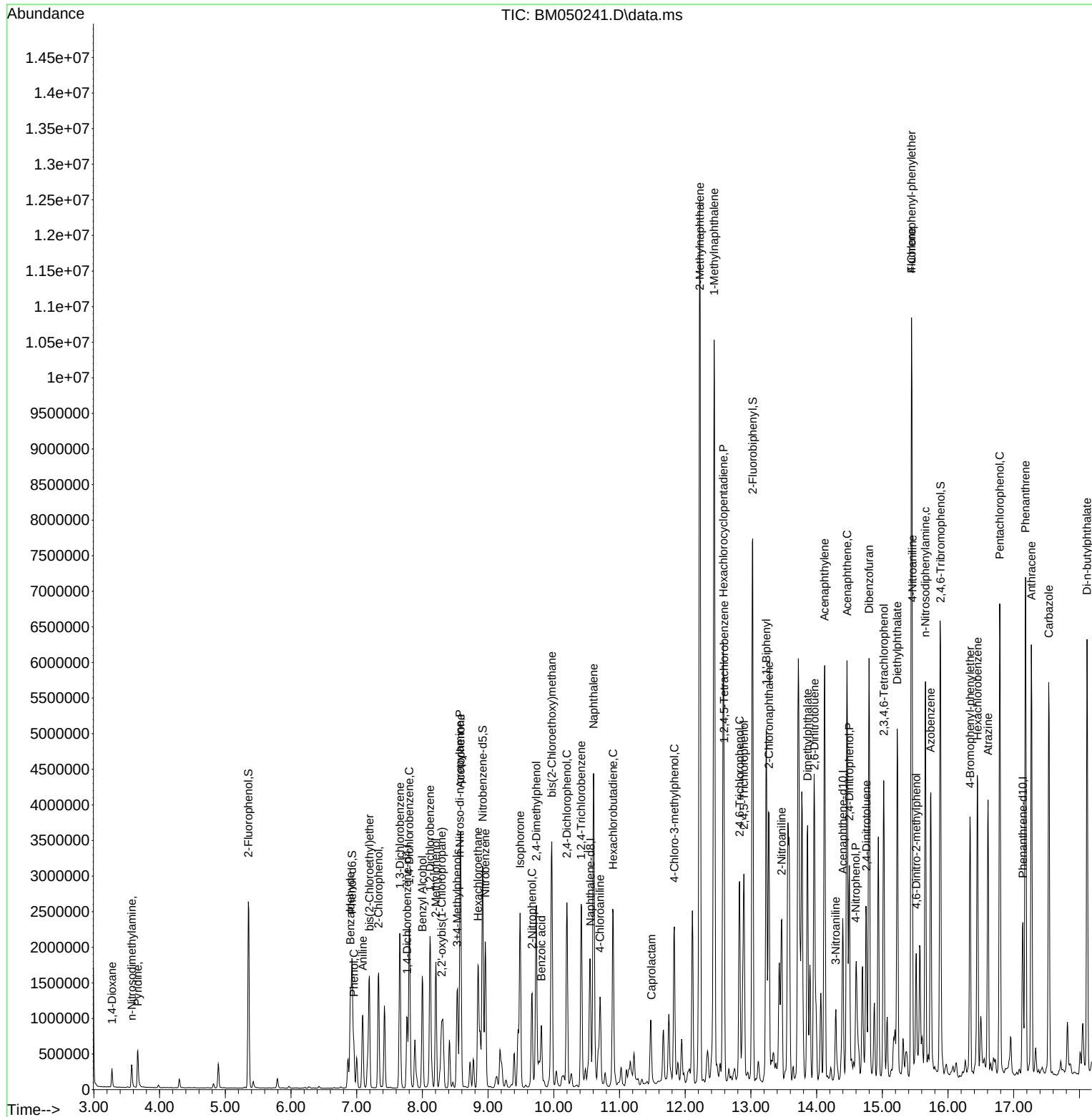
Quant Time: Jun 09 15:08:38 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

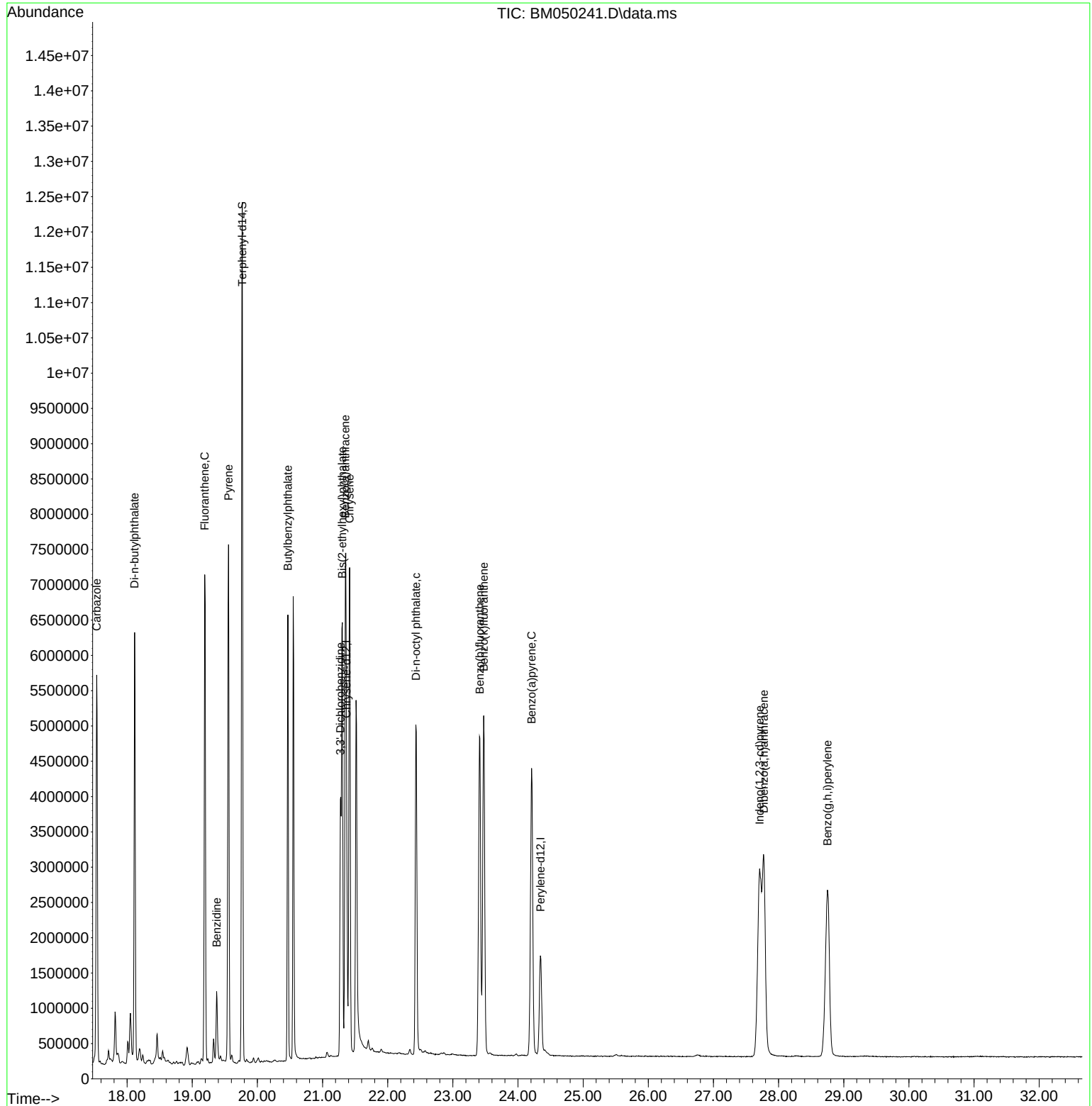
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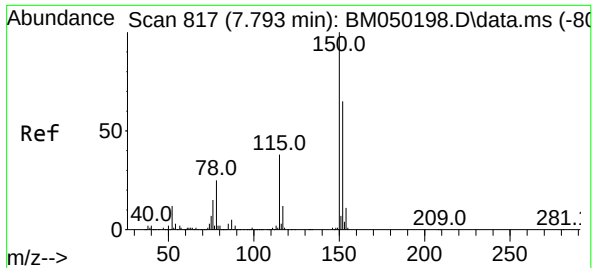


Instrument :
BNA_M
ClientSampleId :
GSB3MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025





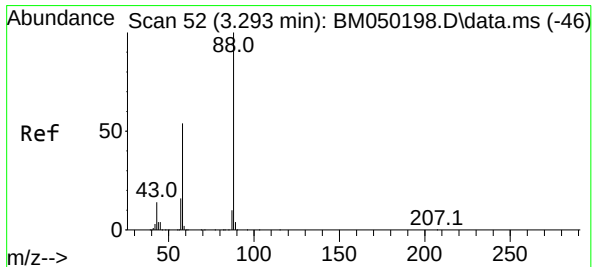
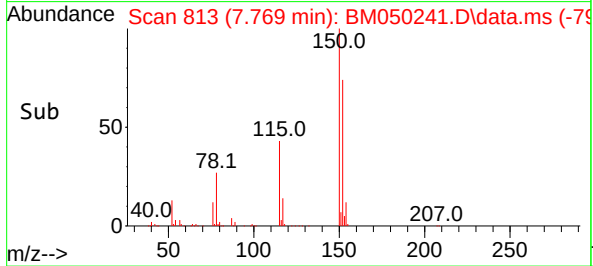
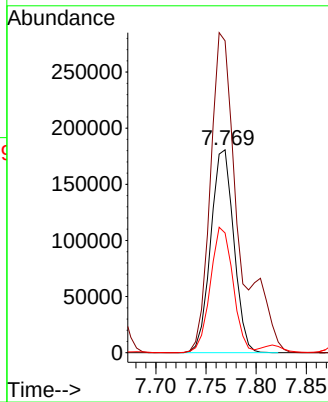
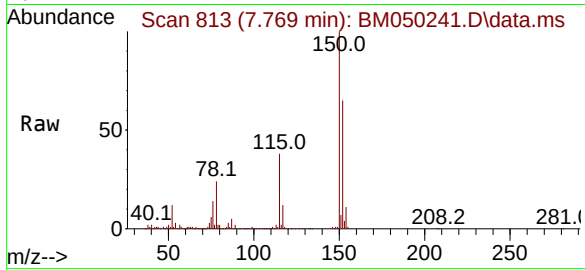
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

Instrument :
BNA_M
ClientSampleId :
GSB3MS

Tgt Ion:152 Resp: 28935
Ion Ratio Lower Upper
152 100
150 153.8 122.2 183.4
115 59.0 46.3 69.5

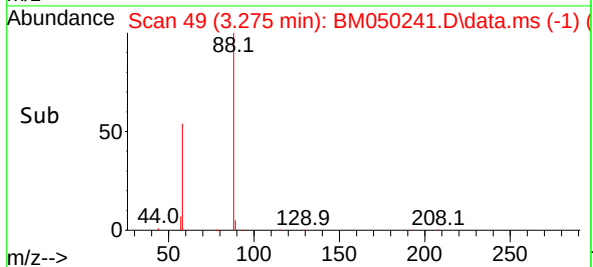
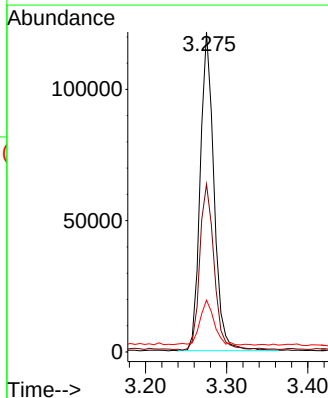
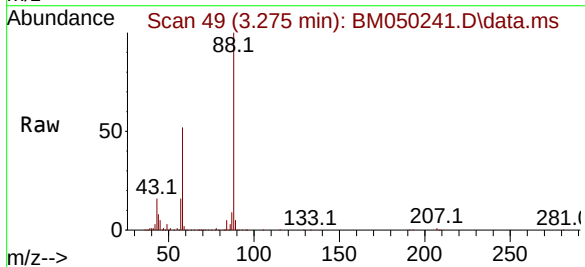
Manual Integrations
APPROVED

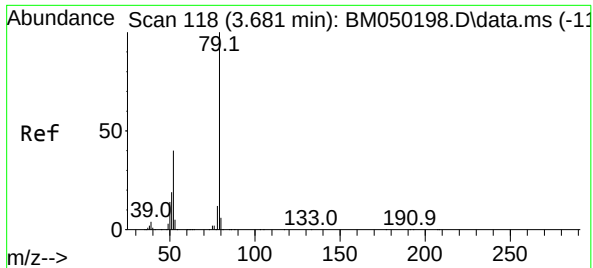
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 18.775 ng
RT: 3.275 min Scan# 49
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

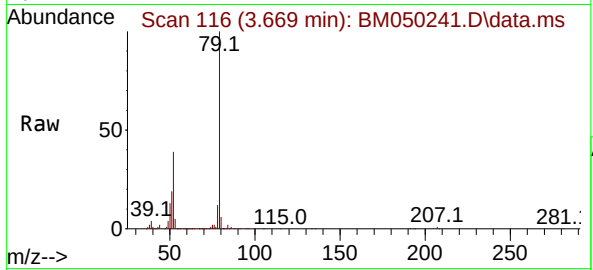
Tgt Ion: 88 Resp: 142755
Ion Ratio Lower Upper
88 100
58 55.0 42.9 64.3
43 14.5 11.0 16.6





#3
Pyridine
Concen: 17.673 ng
RT: 3.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

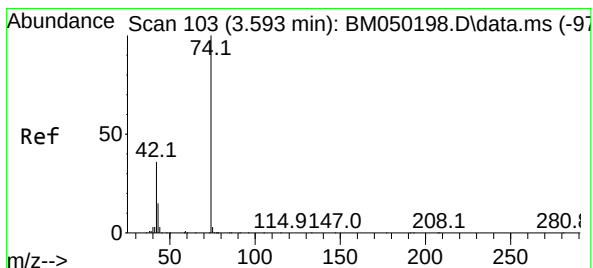
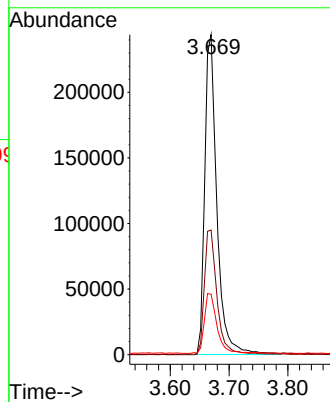
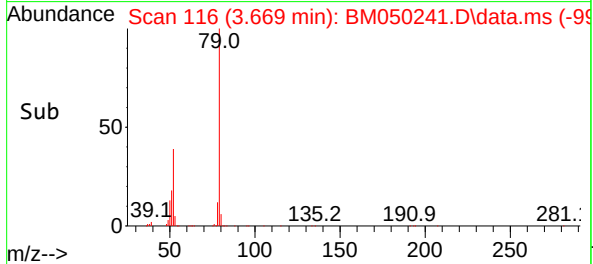
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion: 79 Resp: 34799
Ion Ratio Lower Upper
79 100
52 39.0 32.1 48.1
51 18.9 15.4 23.0

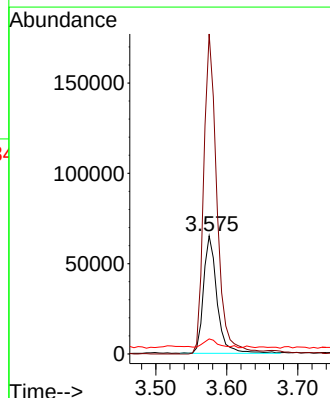
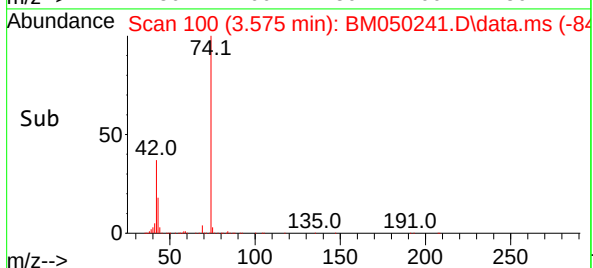
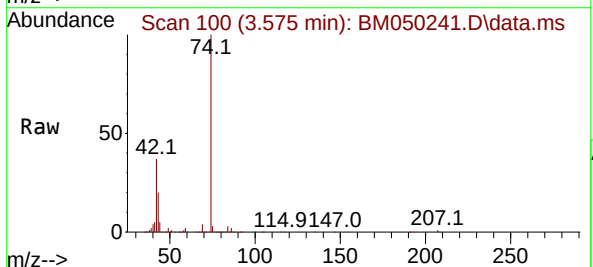
Manual Integrations
APPROVED

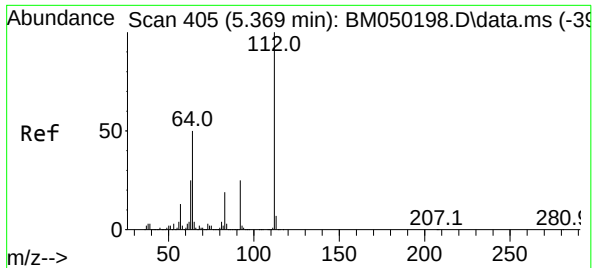
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#4
n-Nitrosodimethylamine
Concen: 21.233 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

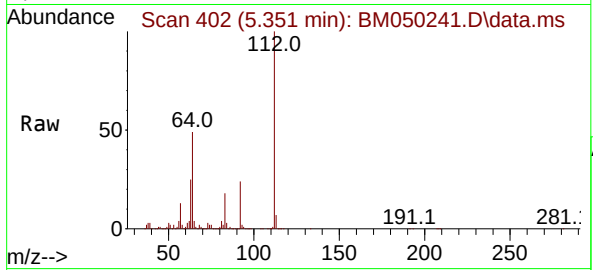
Tgt Ion: 42 Resp: 86452
Ion Ratio Lower Upper
42 100
74 271.1 222.0 333.0
44 12.8 7.0 10.6





#5
2-Fluorophenol
Concen: 72.365 ng
RT: 5.351 min Scan# 405
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

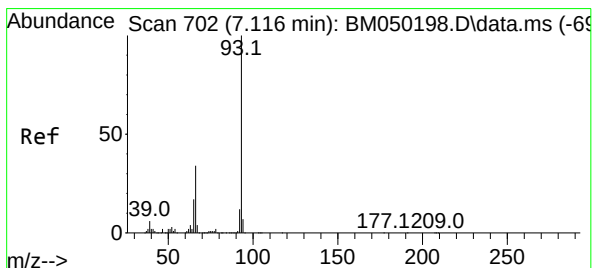
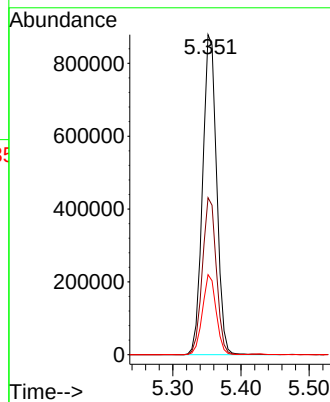
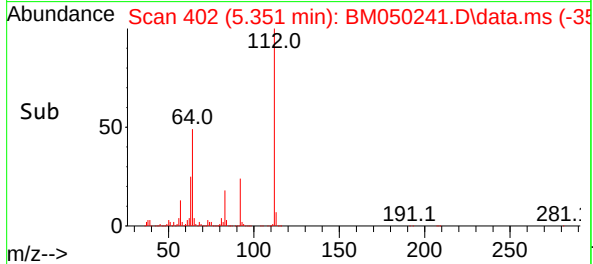
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:112 Resp: 125522
Ion Ratio Lower Upper
112 100
64 49.0 39.8 59.6
63 25.0 19.8 29.8

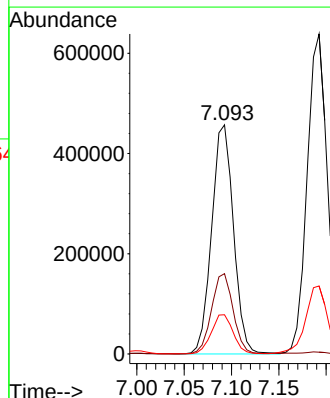
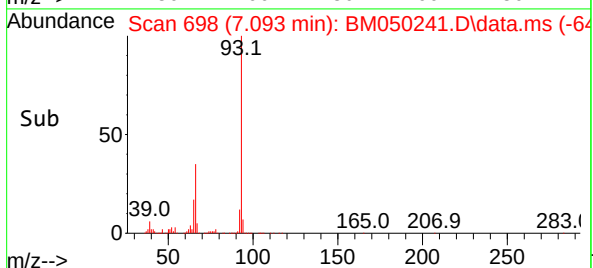
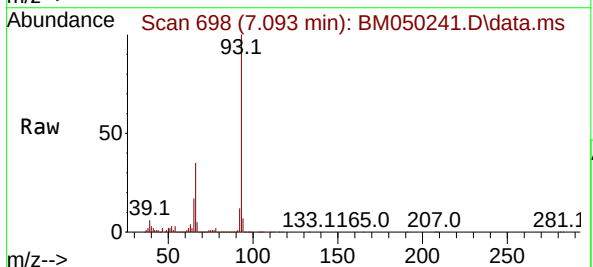
Manual Integrations
APPROVED

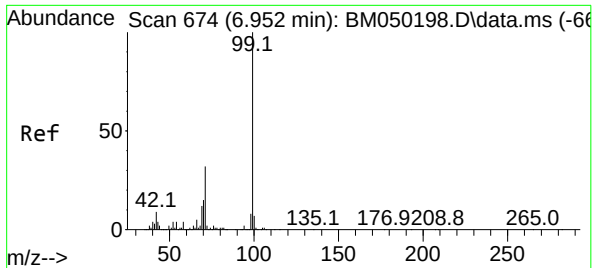
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 24.284 ng
RT: 7.093 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

Tgt Ion: 93 Resp: 733032
Ion Ratio Lower Upper
93 100
66 35.1 27.4 41.2
65 17.1 13.6 20.4





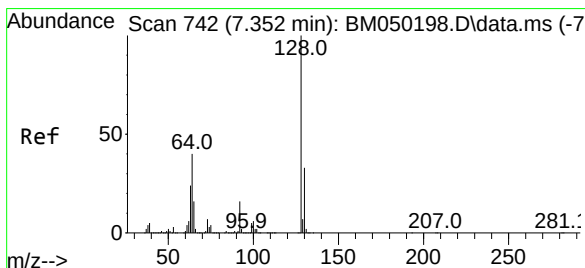
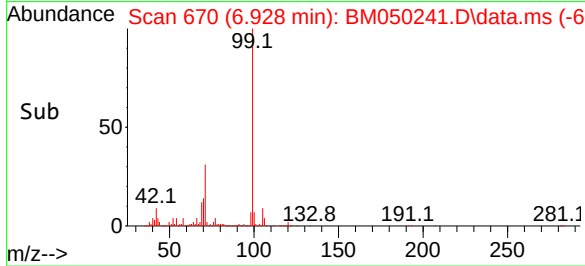
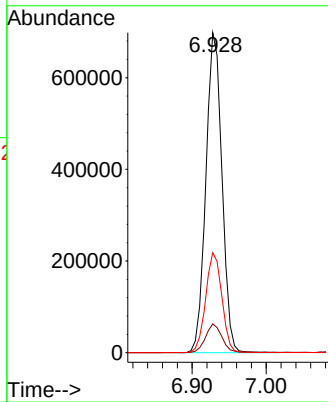
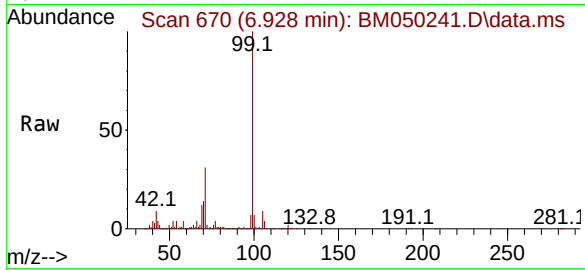
#7
Phenol-d6
Concen: 46.056 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

Instrument :
BNA_M
ClientSampleId :
GSB3MS

Tgt Ion: 99 Resp: 1051650
Ion Ratio Lower Upper
99 100
42 9.0 6.9 10.3
71 31.3 25.3 37.9

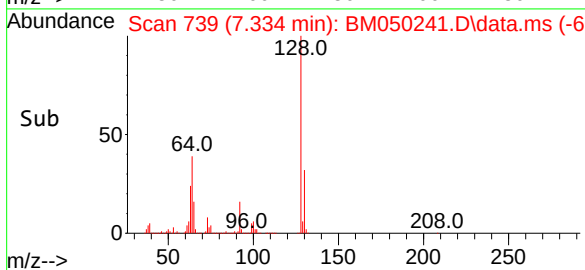
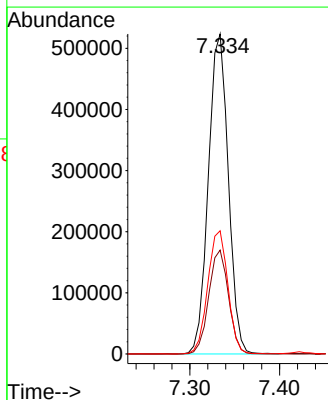
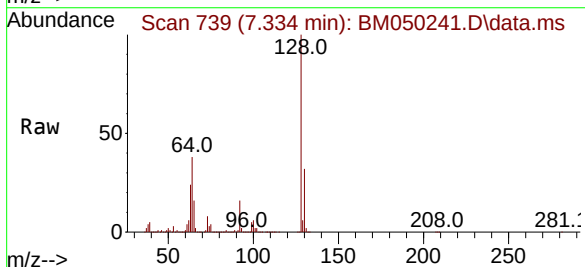
Manual Integrations
APPROVED

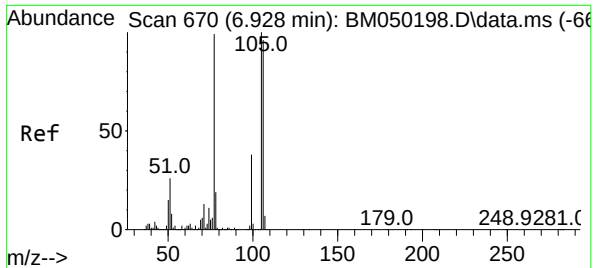
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#8
2-Chlorophenol
Concen: 42.347 ng
RT: 7.334 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

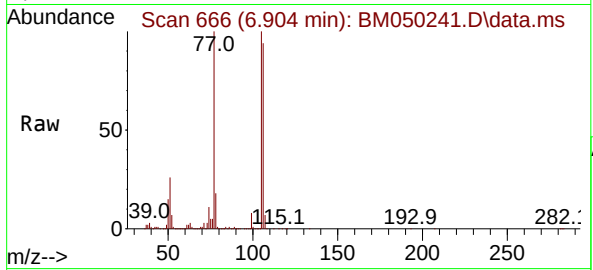
Tgt Ion:128 Resp: 807950
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 38.5 19.8 59.8





#9
Benzaldehyde
Concen: 35.564 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

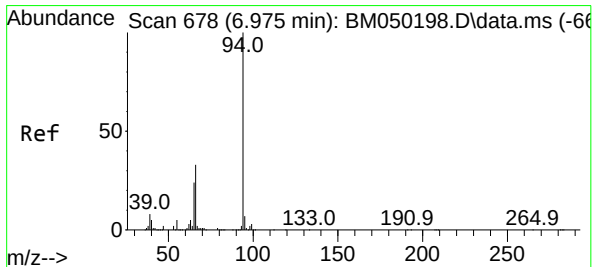
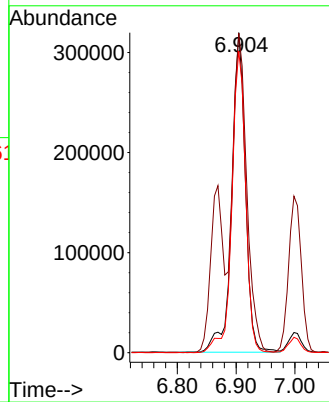
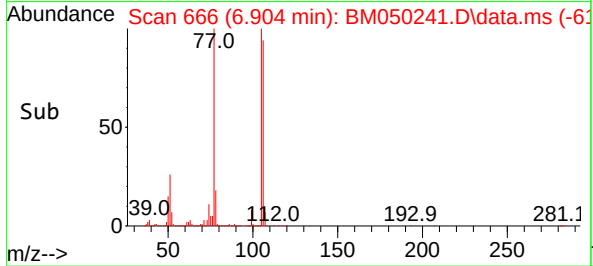
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion: 77 Resp: 516304
Ion Ratio Lower Upper
77 100
105 99.8 80.9 120.9
106 94.3 77.1 117.1

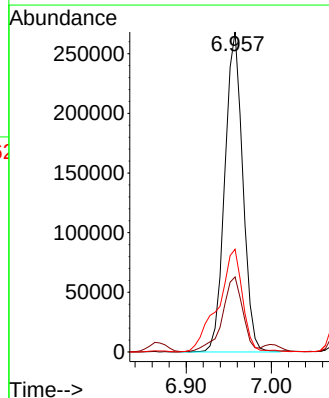
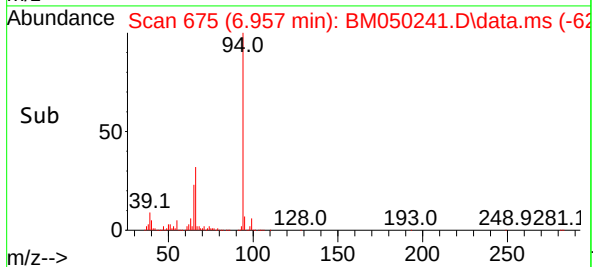
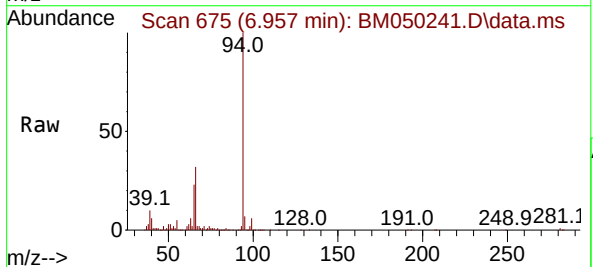
Manual Integrations
APPROVED

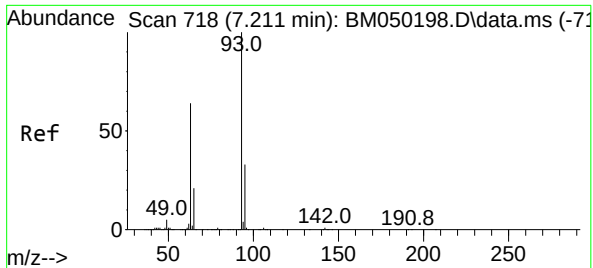
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 16.280 ng
RT: 6.957 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

Tgt Ion: 94 Resp: 393327
Ion Ratio Lower Upper
94 100
65 23.5 4.3 44.3
66 32.1 12.9 52.9





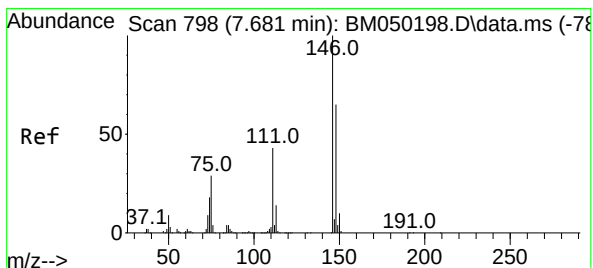
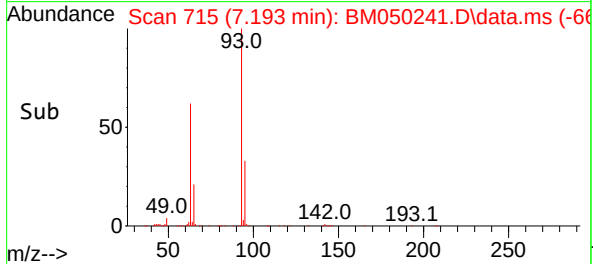
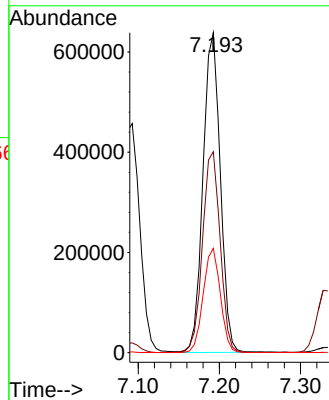
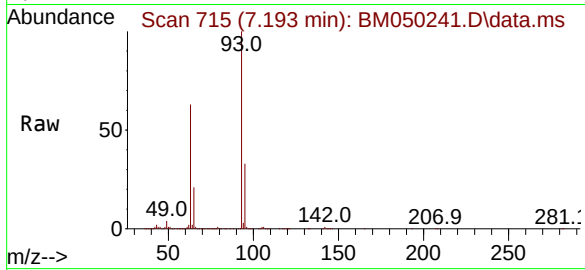
#11
bis(2-Chloroethyl)ether
Concen: 48.531 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

Instrument :
BNA_M
ClientSampleId :
GSB3MS

Tgt Ion: 93 Resp: 943092
Ion Ratio Lower Upper
93 100
63 62.8 43.9 83.9
95 32.6 12.7 52.7

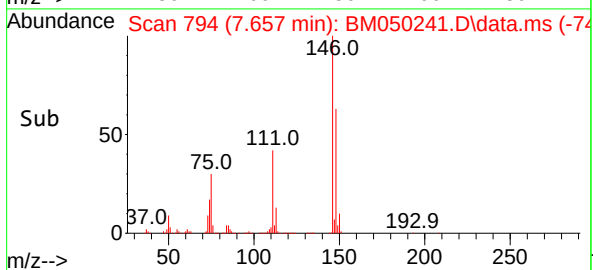
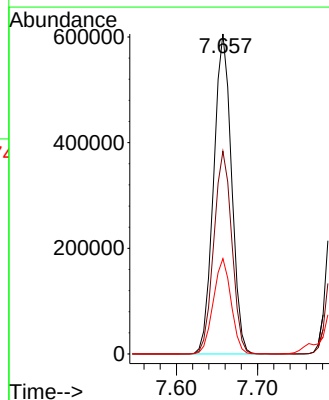
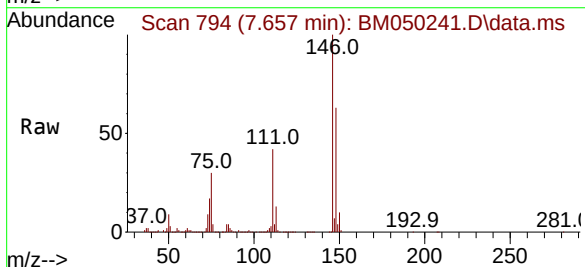
Manual Integrations
APPROVED

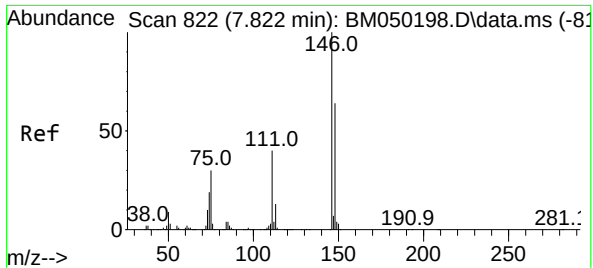
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#12
1,3-Dichlorobenzene
Concen: 43.431 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

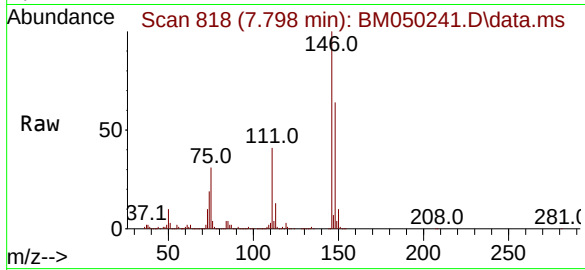
Tgt Ion:146 Resp: 926381
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 29.8 23.4 35.0





#13
1,4-Dichlorobenzene
Concen: 43.247 ng
RT: 7.798 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

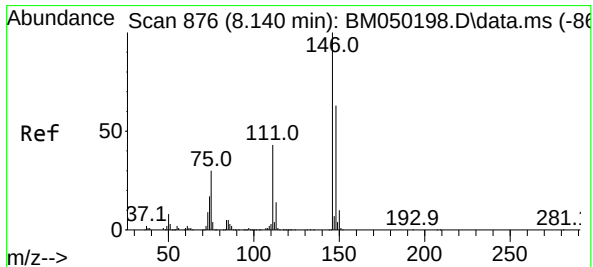
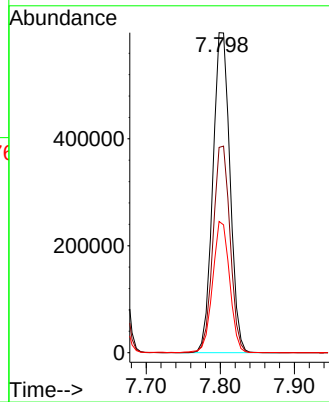
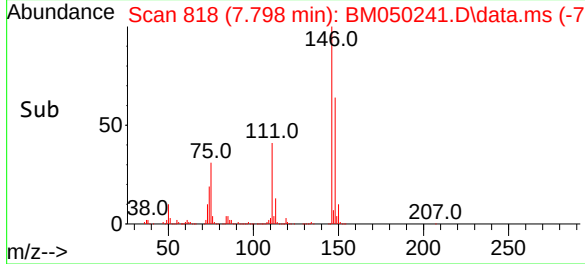
Instrument :
BNA_M
ClientSampleId :
GSB3MS



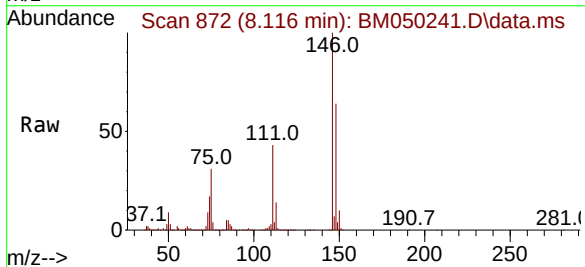
Tgt Ion:146 Resp: 95976
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
111 41.0 32.3 48.5

Manual Integrations
APPROVED

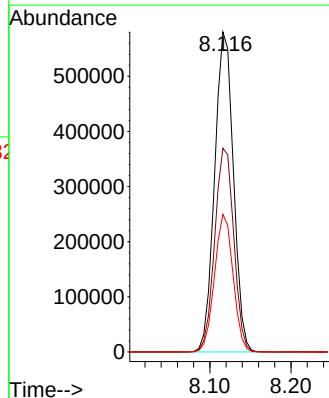
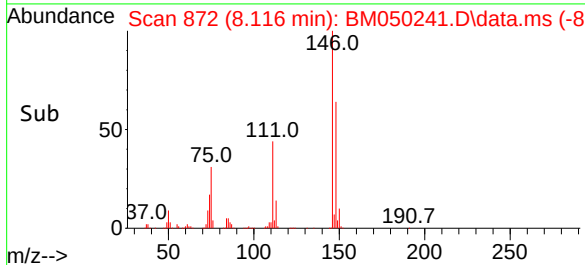
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

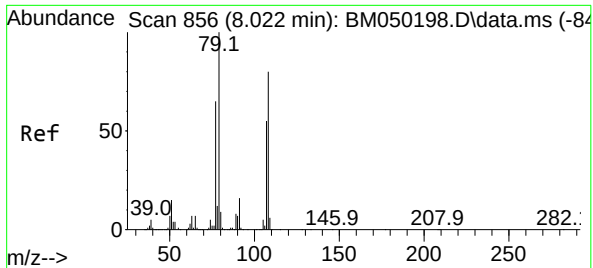


#14
1,2-Dichlorobenzene
Concen: 44.249 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



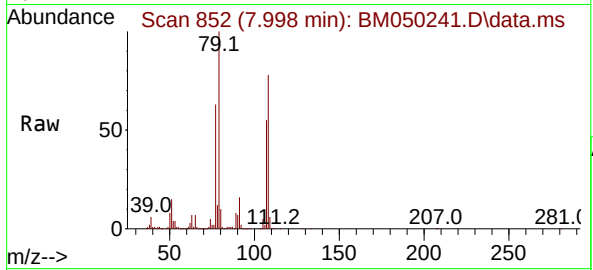
Tgt Ion:146 Resp: 936149
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
111 43.0 34.3 51.5





#15
Benzyl Alcohol
Concen: 33.628 ng
RT: 7.998 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

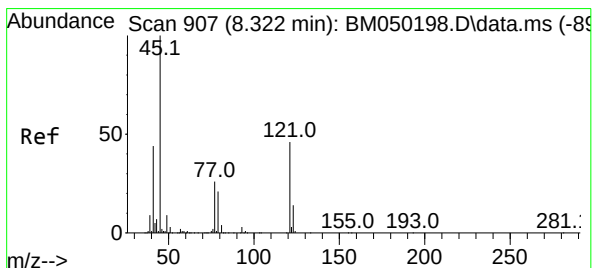
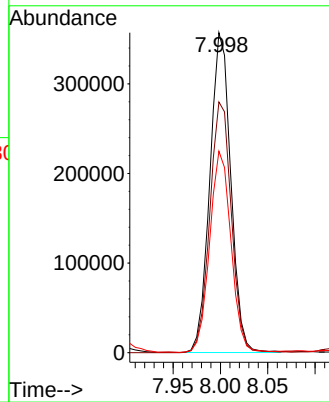
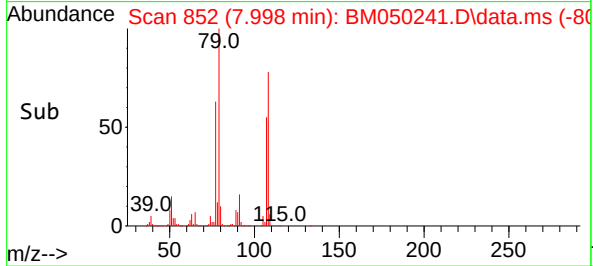
Instrument :
BNA_M
ClientSampleId :
GSB3MS



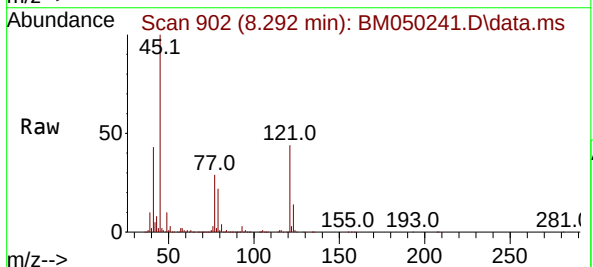
Tgt Ion: 79 Resp: 547664
Ion Ratio Lower Upper
79 100
108 78.3 64.0 96.0
77 63.0 52.2 78.2

Manual Integrations
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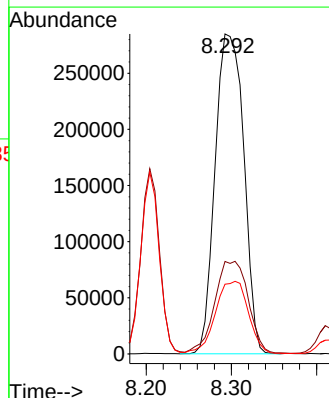
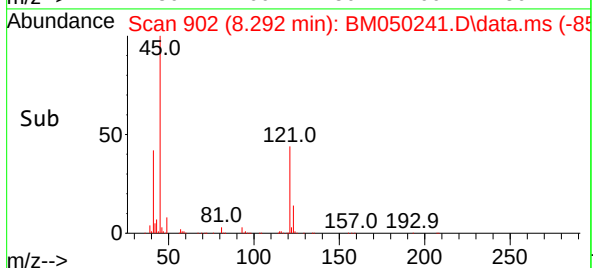
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

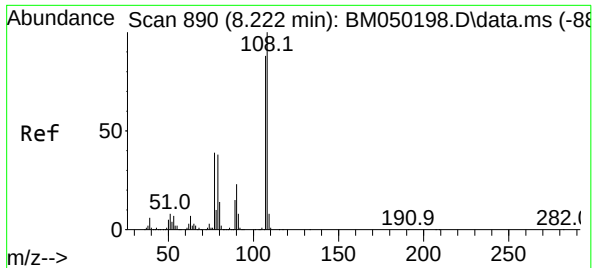


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.268 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



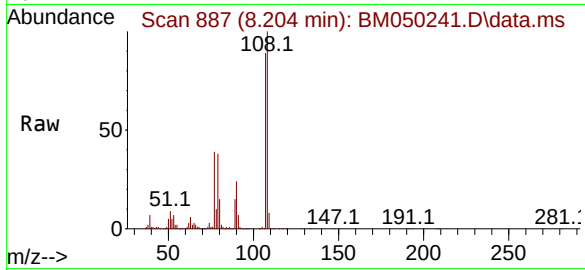
Tgt Ion: 45 Resp: 665085
Ion Ratio Lower Upper
45 100
77 28.9 8.7 48.7
79 21.8 2.7 42.7





#17
2-Methylphenol
Concen: 35.848 ng
RT: 8.204 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

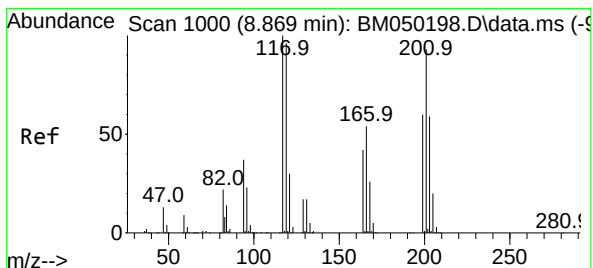
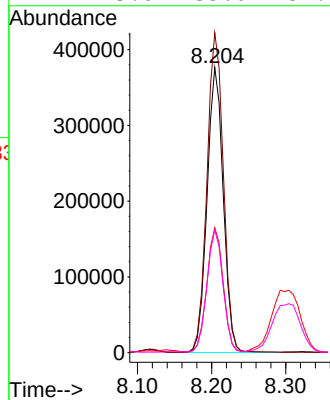
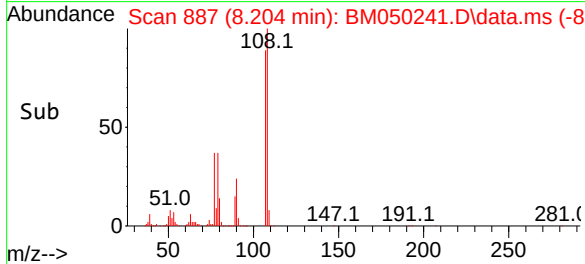
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:107 Resp: 571452
Ion Ratio Lower Upper
107 100
108 112.3 90.8 136.2
77 43.9 35.7 53.5
79 43.0 35.0 52.4

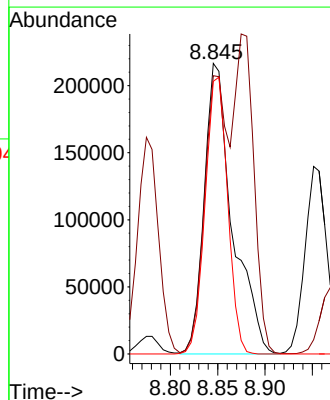
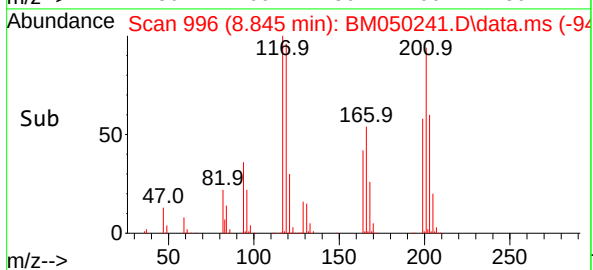
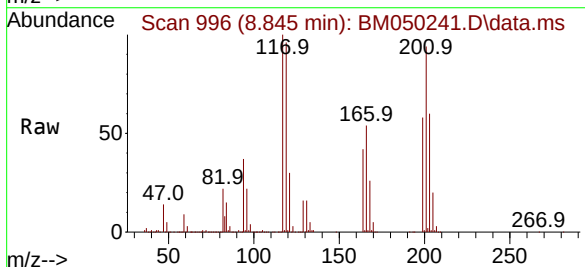
Manual Integrations
APPROVED

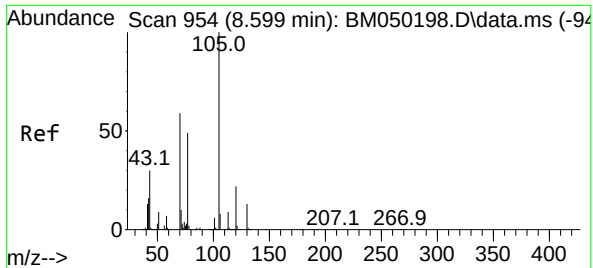
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#18
Hexachloroethane
Concen: 55.861 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

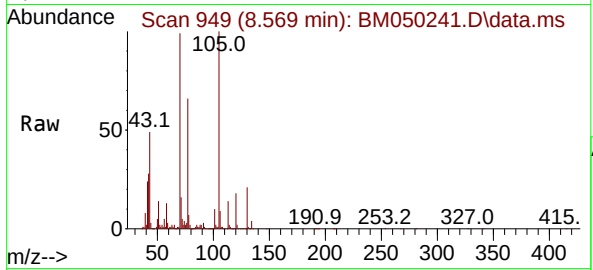
Tgt Ion:117 Resp: 448949
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6
201 93.9 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 50.161 ng
RT: 8.569 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

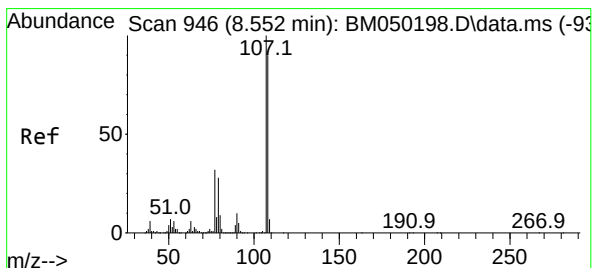
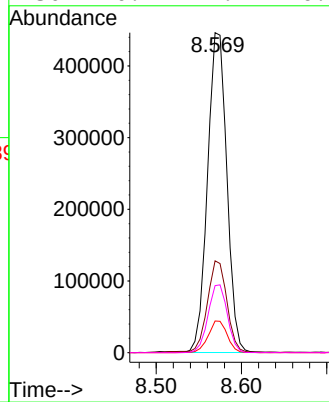
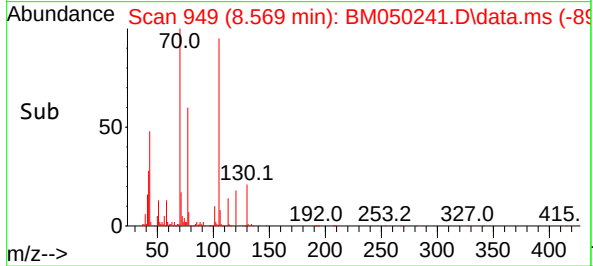
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion: 70 Resp: 70090
Ion Ratio Lower Upper
70 100
42 28.7 22.6 33.8
101 9.9 8.3 12.5
130 20.9 17.4 26.2

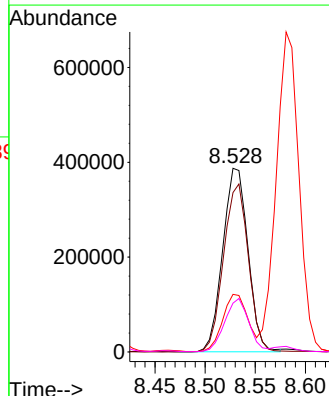
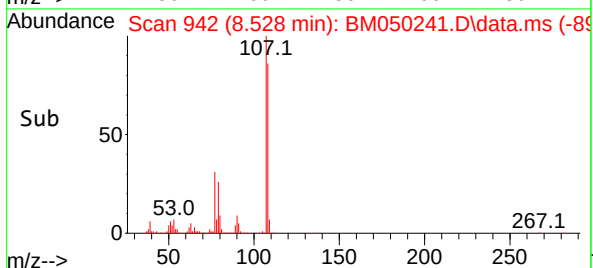
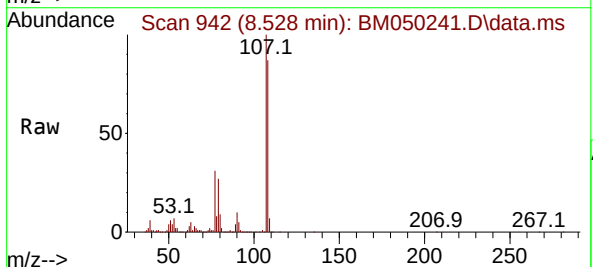
Manual Integrations
APPROVED

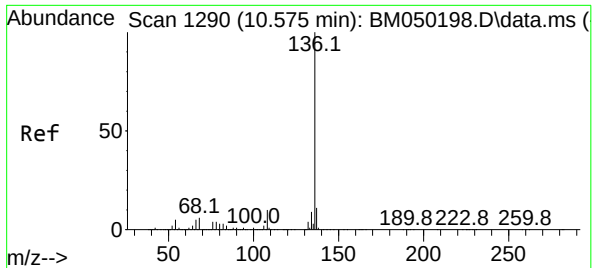
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#20
3+4-Methylphenols
Concen: 31.752 ng
RT: 8.528 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

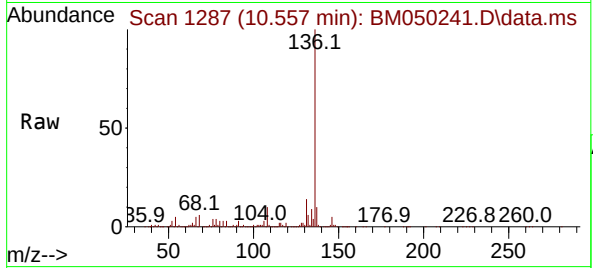
Tgt Ion:107 Resp: 677186
Ion Ratio Lower Upper
107 100
108 86.8 70.4 110.4
77 31.4 12.2 52.2
79 26.6 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

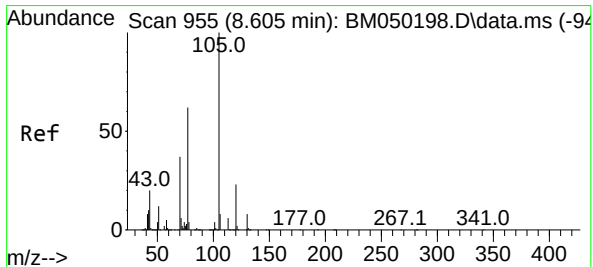
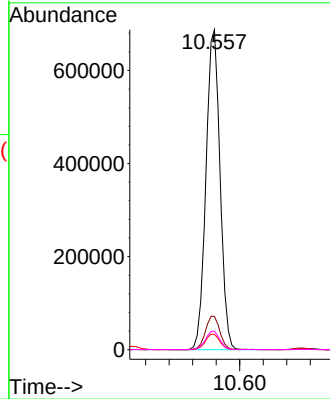
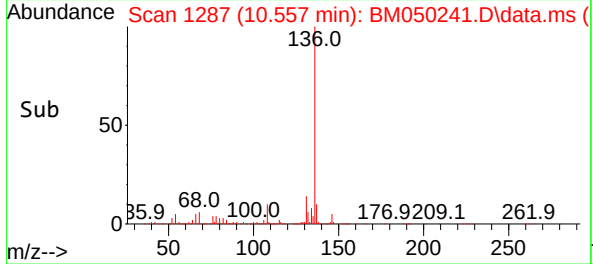
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:136 Resp: 114357
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 4.7 3.8 5.8
68 5.8 4.9 7.3

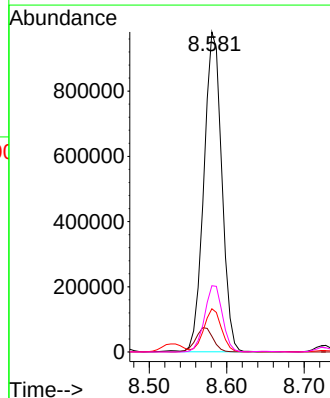
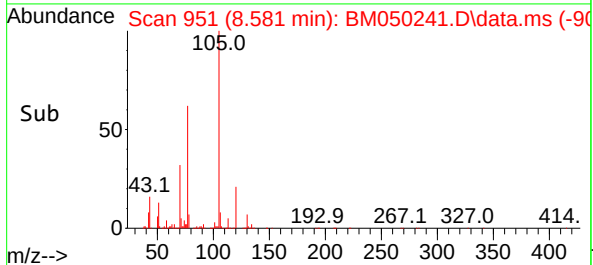
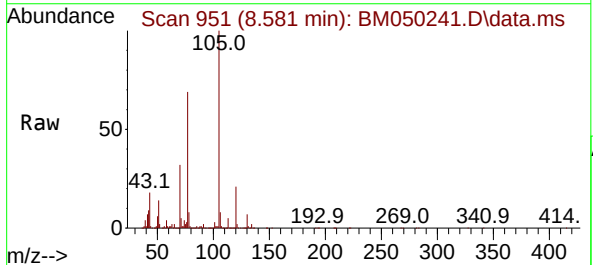
Manual Integrations
APPROVED

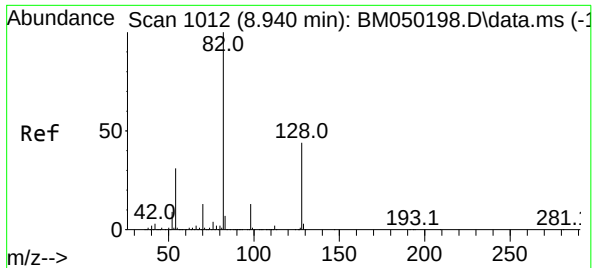
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#22
Acetophenone
Concen: 54.983 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

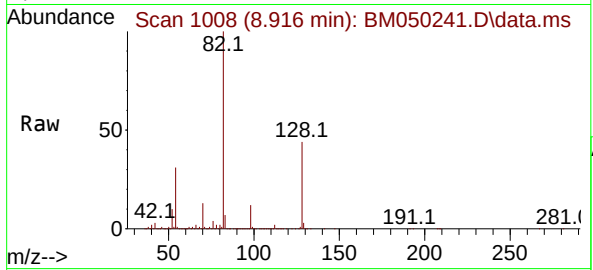
Tgt Ion:105 Resp: 1570871
Ion Ratio Lower Upper
105 100
71 4.9 5.0 7.4#
51 13.5 11.4 17.2
120 20.7 18.2 27.4





#23
Nitrobenzene-d5
Concen: 90.904 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

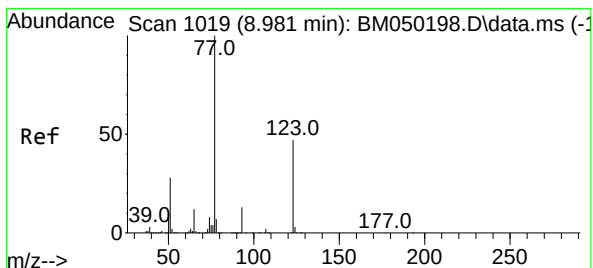
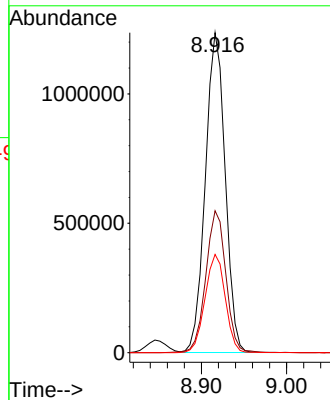
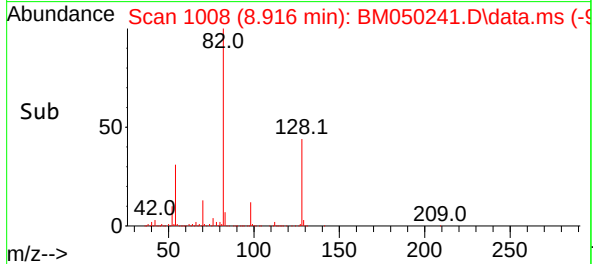
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion: 82 Resp: 1998828
Ion Ratio Lower Upper
82 100
128 44.3 35.2 52.8
54 30.7 24.5 36.7

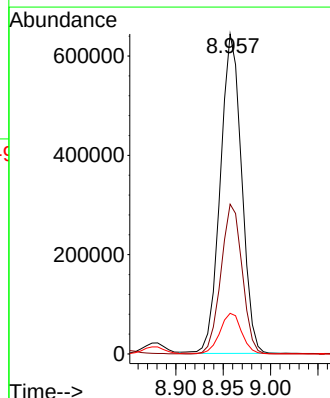
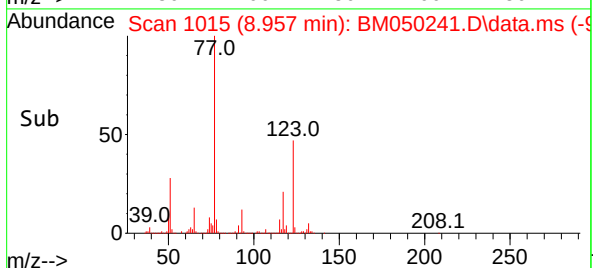
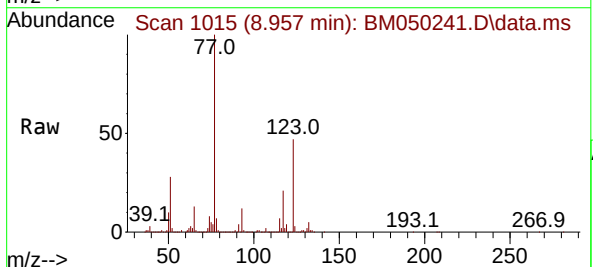
Manual Integrations
APPROVED

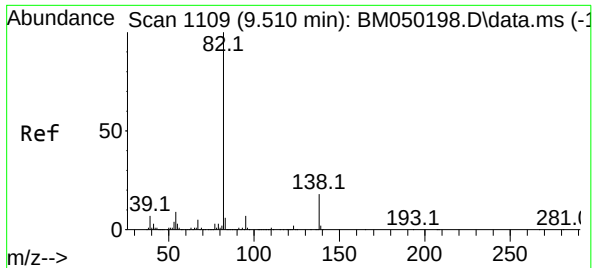
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#24
Nitrobenzene
Concen: 50.391 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

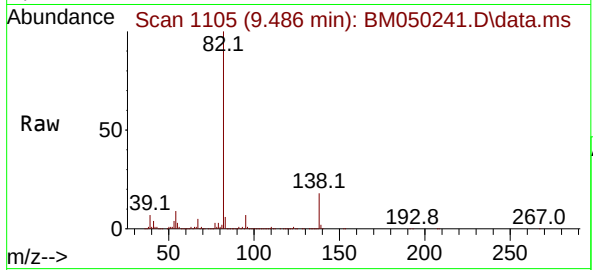
Tgt Ion: 77 Resp: 1007723
Ion Ratio Lower Upper
77 100
123 46.8 38.2 57.2
65 12.7 9.5 14.3





#25
Isophorone
Concen: 51.408 ng
RT: 9.486 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

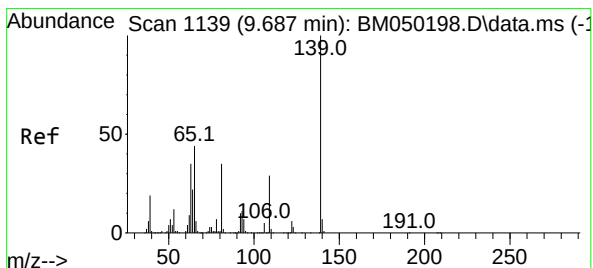
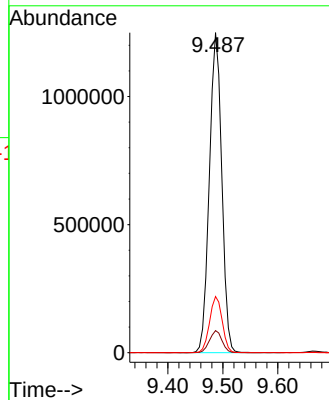
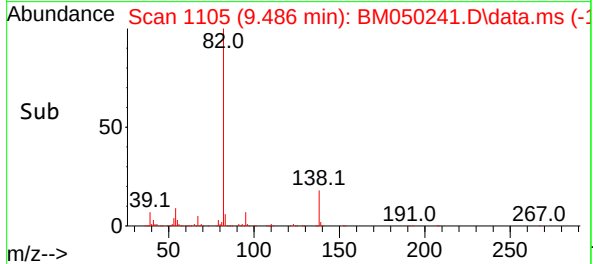
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion: 82 Resp: 195100
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.6 14.2 21.2

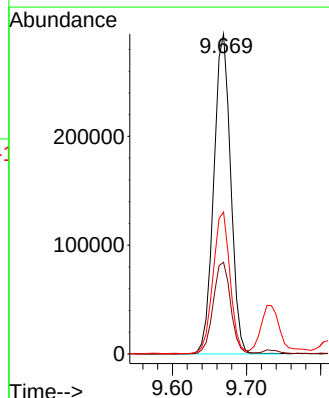
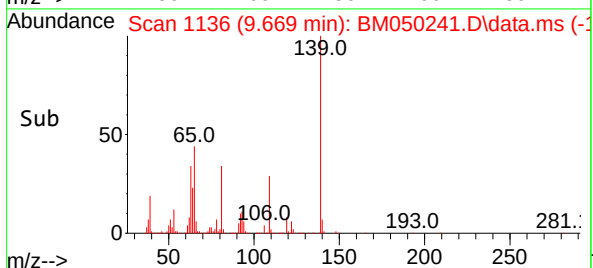
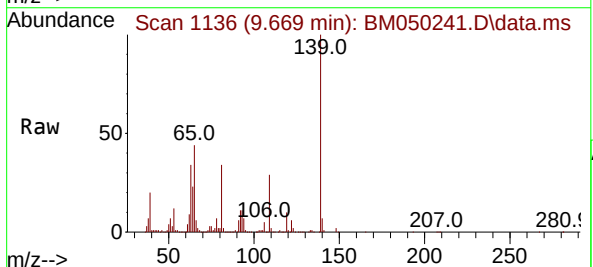
Manual Integrations
APPROVED

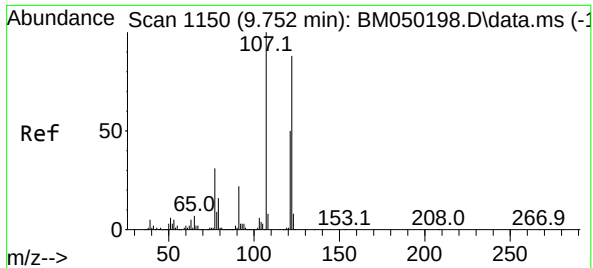
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#26
2-Nitrophenol
Concen: 53.887 ng
RT: 9.669 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

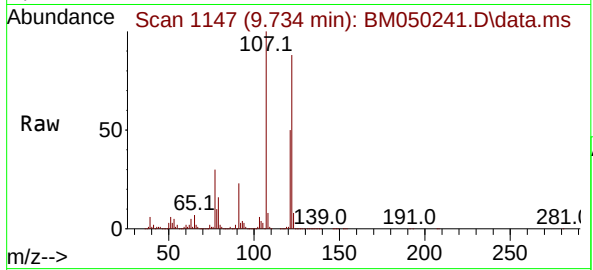
Tgt Ion:139 Resp: 465171
Ion Ratio Lower Upper
139 100
109 28.6 23.3 34.9
65 44.3 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 46.970 ng
RT: 9.734 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

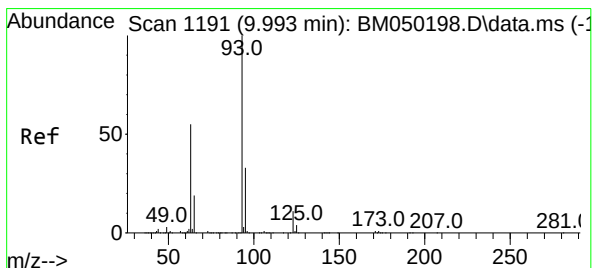
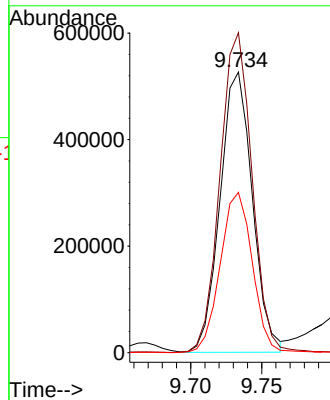
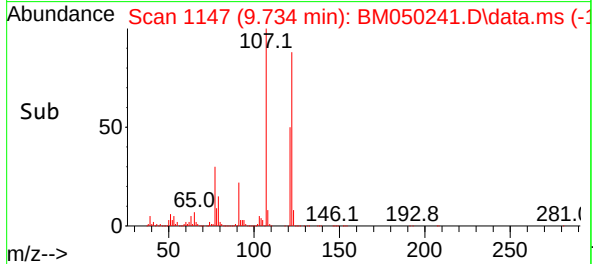
Instrument :
BNA_M
ClientSampleId :
GSB3MS



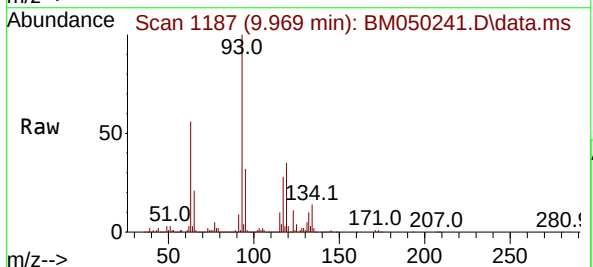
Tgt Ion:122 Resp: 83310
Ion Ratio Lower Upper
122 100
107 114.0 91.0 136.6
121 57.1 45.8 68.6

Manual Integrations
APPROVED

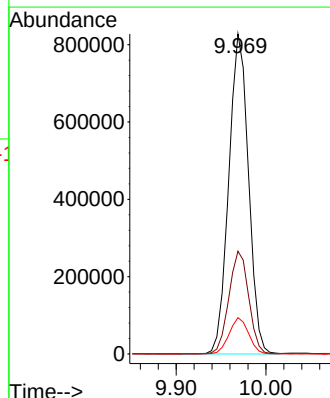
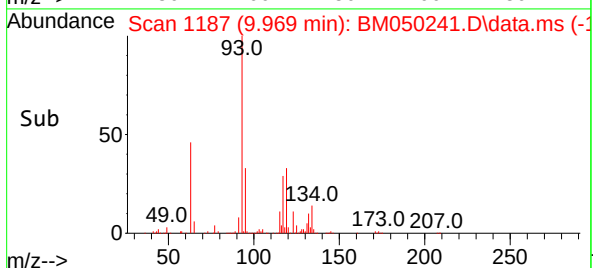
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

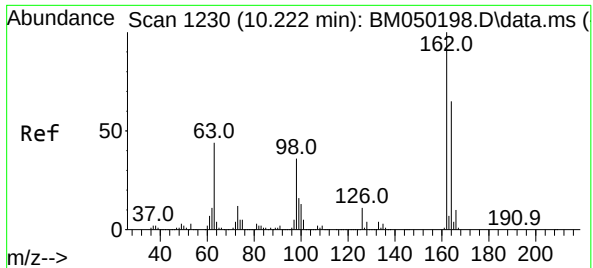


#28
bis(2-Chloroethoxy)methane
Concen: 50.886 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



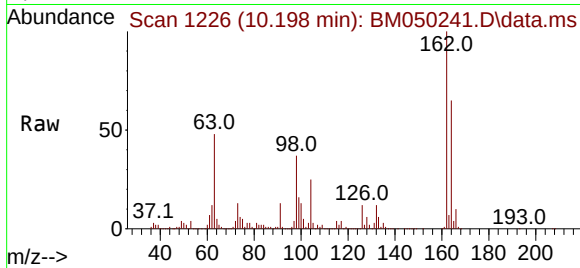
Tgt Ion: 93 Resp: 1261615
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.4
123 11.4 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 50.169 ng
RT: 10.198 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

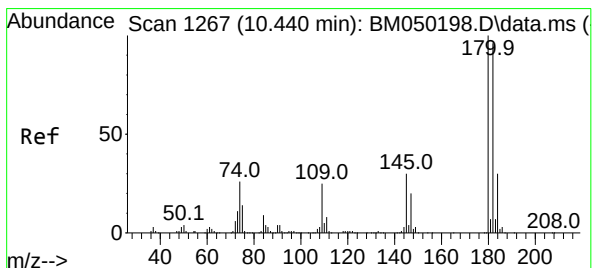
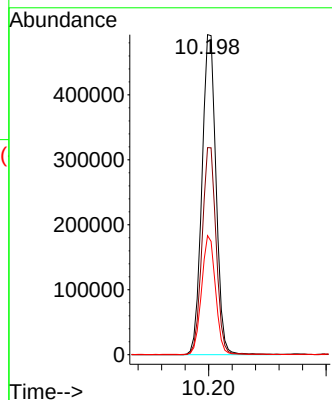
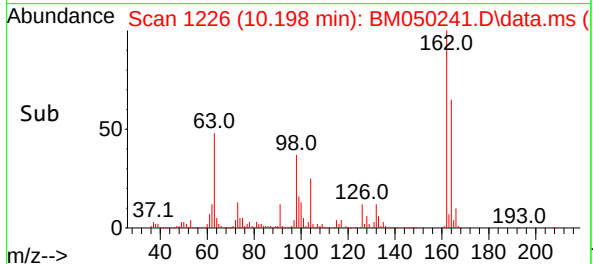
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:162 Resp: 82344
Ion Ratio Lower Upper
162 100
164 64.7 45.0 85.0
98 37.2 16.3 56.3

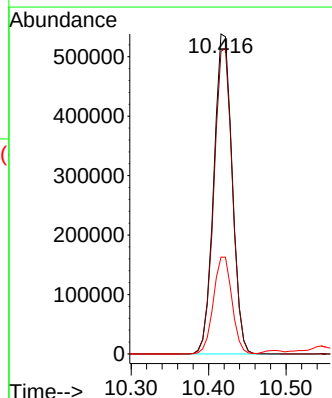
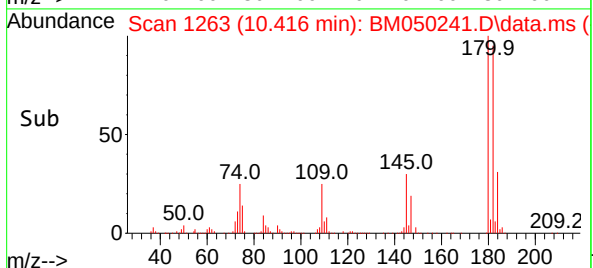
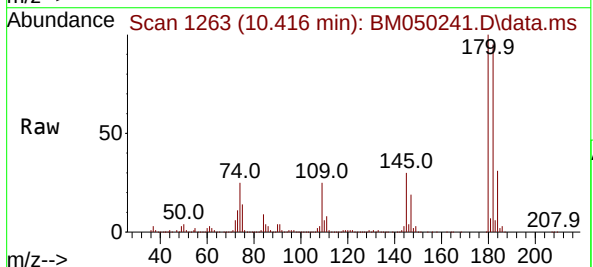
Manual Integrations
APPROVED

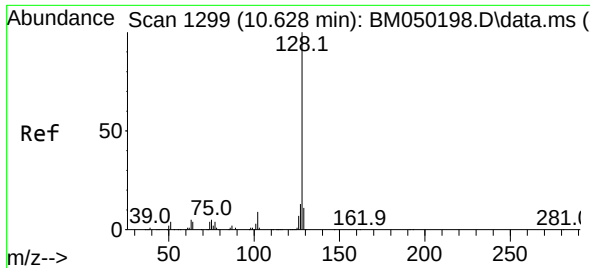
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#30
1,2,4-Trichlorobenzene
Concen: 48.534 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

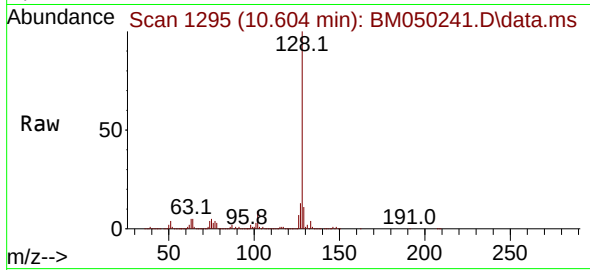
Tgt Ion:180 Resp: 886464
Ion Ratio Lower Upper
180 100
182 94.6 76.6 114.8
145 30.3 24.2 36.4





#31
Naphthalene
Concen: 59.011 ng
RT: 10.604 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

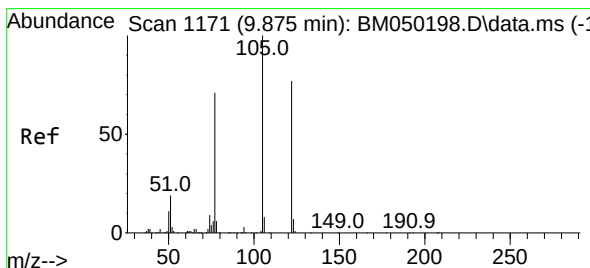
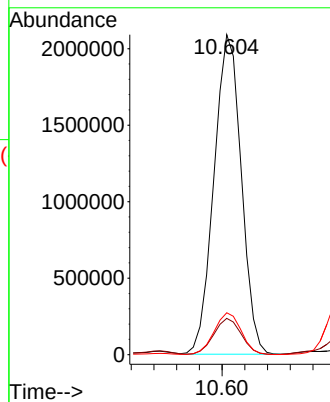
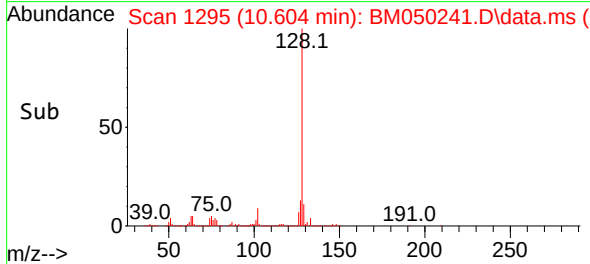
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:128 Resp: 3489029
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.1 10.2 15.4

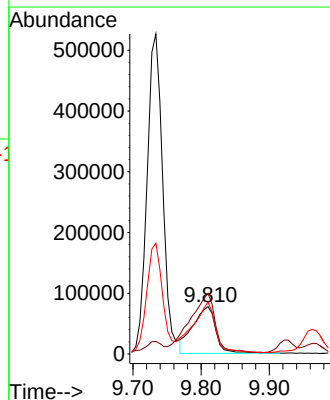
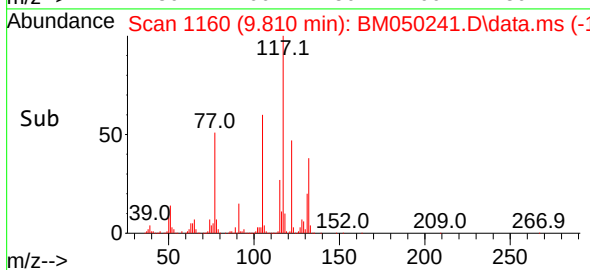
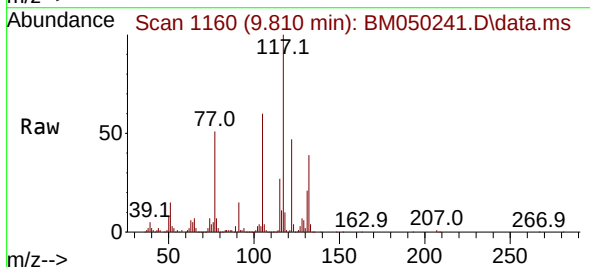
Manual Integrations
APPROVED

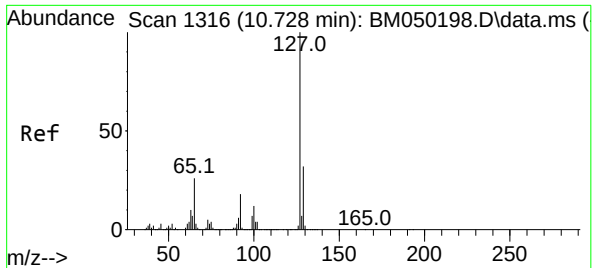
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#32
Benzoic acid
Concen: 16.211 ng
RT: 9.810 min Scan# 1160
Delta R.T. -0.035 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

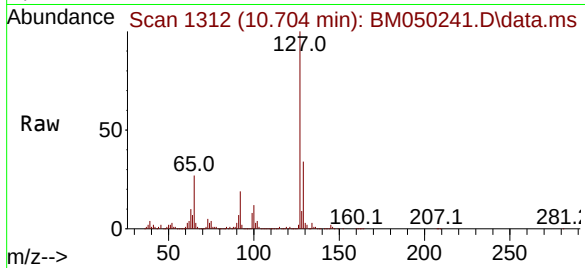
Tgt Ion:122 Resp: 180703
Ion Ratio Lower Upper
122 100
105 127.9 103.4 143.4
77 109.5 70.3 110.3





#33
4-Chloroaniline
Concen: 27.007 ng
RT: 10.704 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

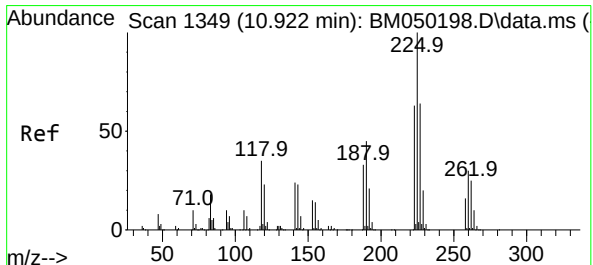
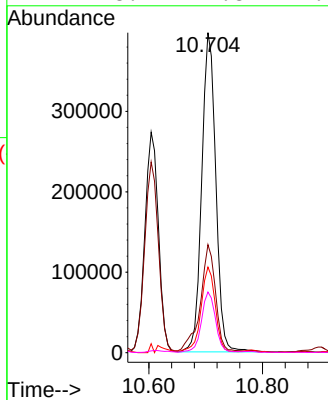
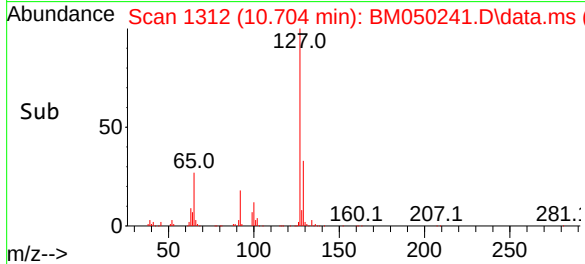
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:127 Resp: 680770
Ion Ratio Lower Upper
127 100
129 33.8 25.4 38.0
65 26.7 21.0 31.4
92 18.9 14.8 22.2

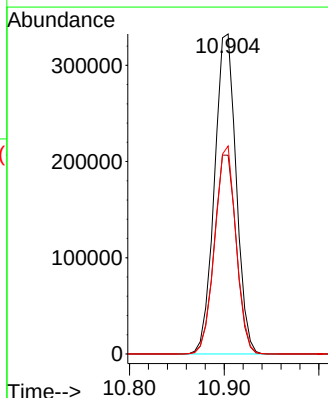
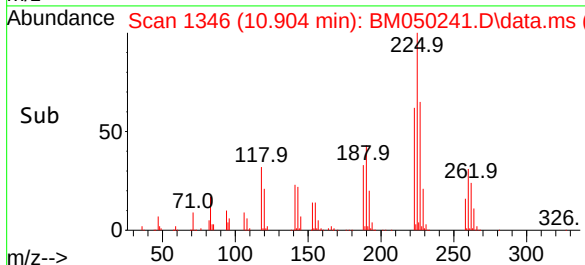
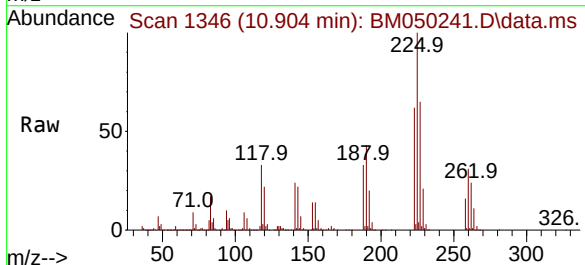
Manual Integrations
APPROVED

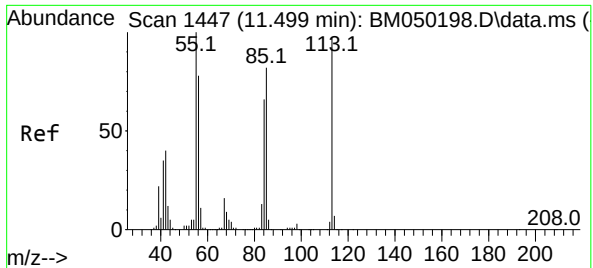
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#34
Hexachlorobutadiene
Concen: 48.755 ng
RT: 10.904 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

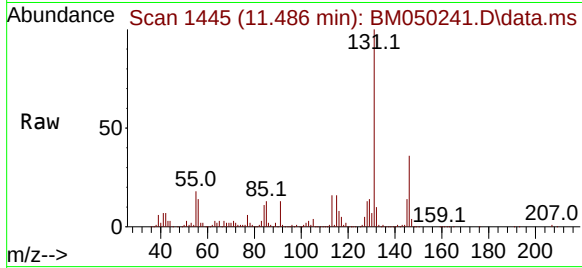
Tgt Ion:225 Resp: 529682
Ion Ratio Lower Upper
225 100
223 62.1 50.2 75.2
227 65.0 51.0 76.4





#35
Caprolactam
Concen: 10.515 ng
RT: 11.486 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

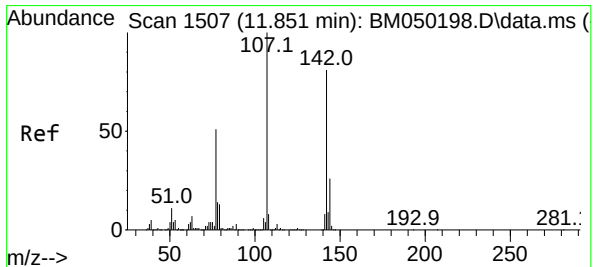
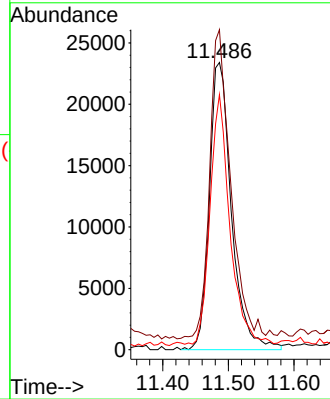
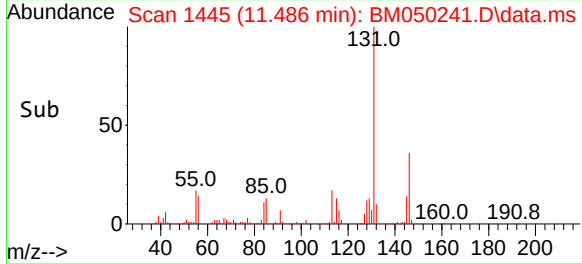
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:113 Resp: 54718
Ion Ratio Lower Upper
113 100
55 111.4 83.5 123.5
56 88.8 60.6 100.6

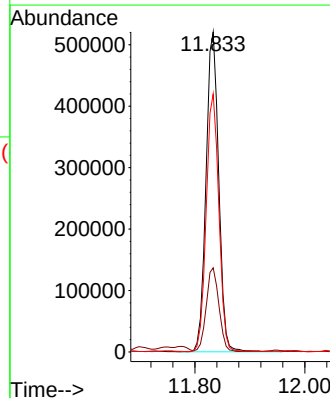
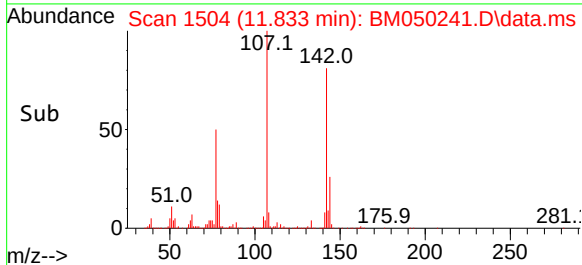
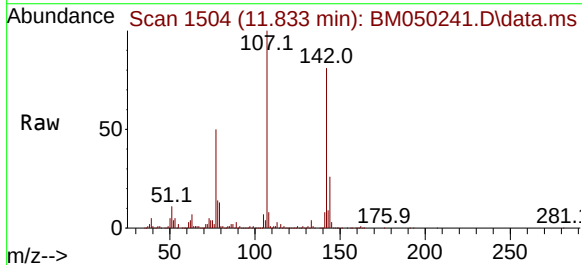
Manual Integrations
APPROVED

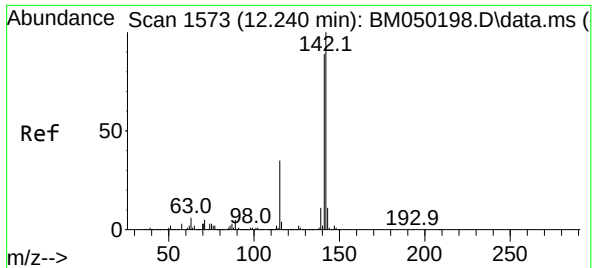
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#36
4-Chloro-3-methylphenol
Concen: 47.496 ng
RT: 11.833 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

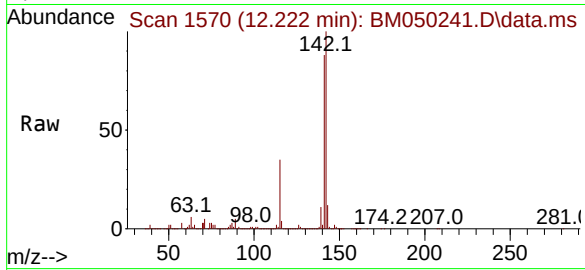
Tgt Ion:107 Resp: 831853
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 80.7 64.8 97.2





#37
2-Methylnaphthalene
Concen: 171.755 ng
RT: 12.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

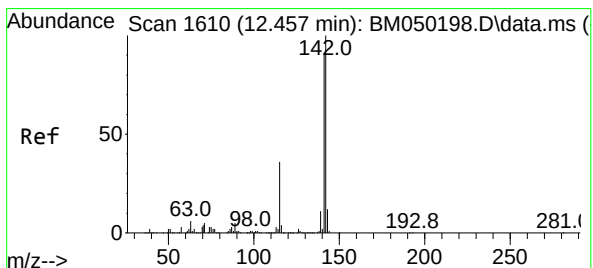
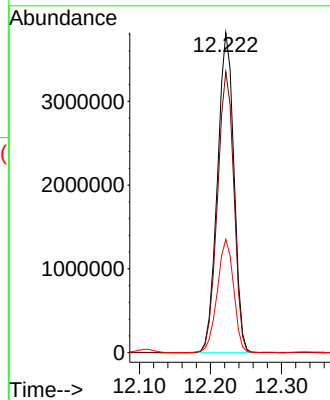
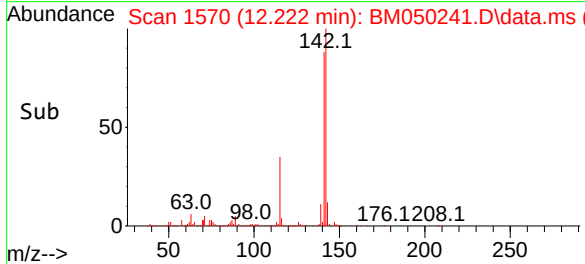
Instrument :
BNA_M
ClientSampleId :
GSB3MS



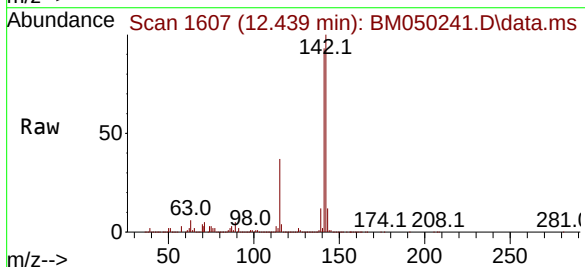
Tgt Ion:142 Resp: 6126319
Ion Ratio Lower Upper
142 100
141 87.8 71.5 107.3
115 35.4 27.8 41.8

Manual Integrations
APPROVED

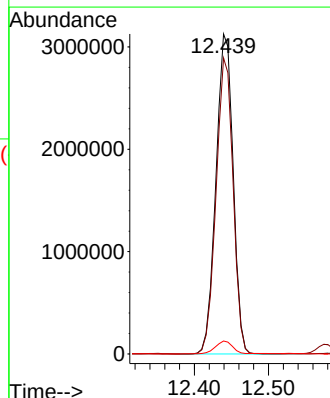
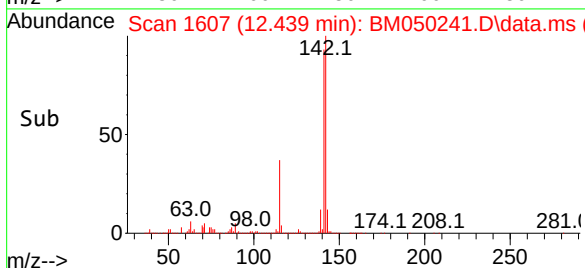
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

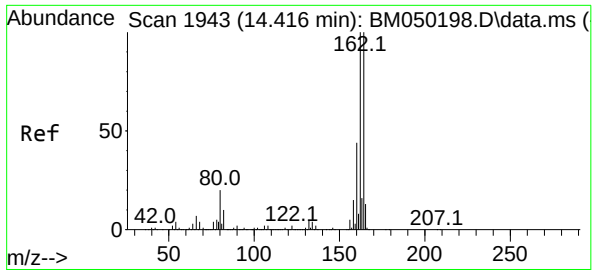


#38
1-Methylnaphthalene
Concen: 132.909 ng
RT: 12.439 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



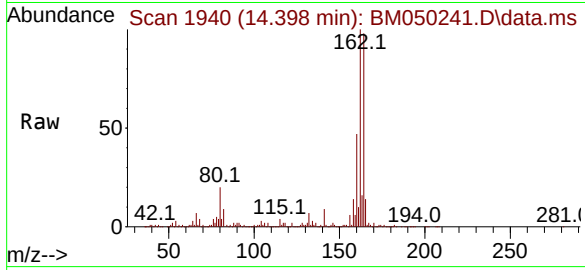
Tgt Ion:142 Resp: 5031667
Ion Ratio Lower Upper
142 100
141 92.5 72.9 109.3
116 4.1 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

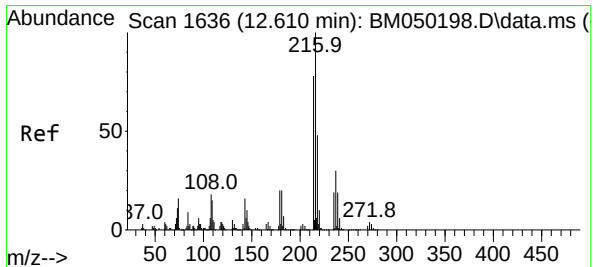
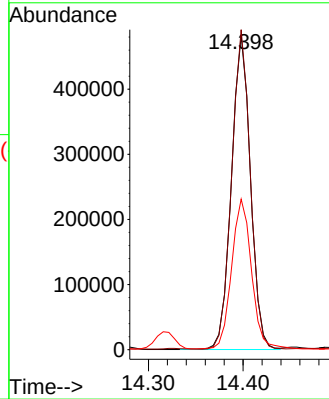
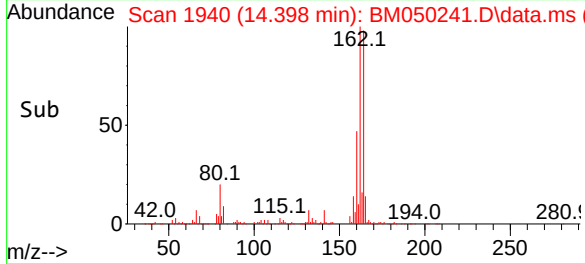
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:164 Resp: 672610
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.4
160 48.0 35.7 53.5

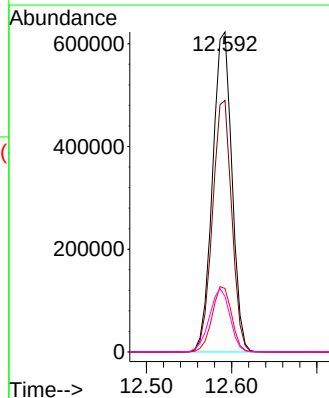
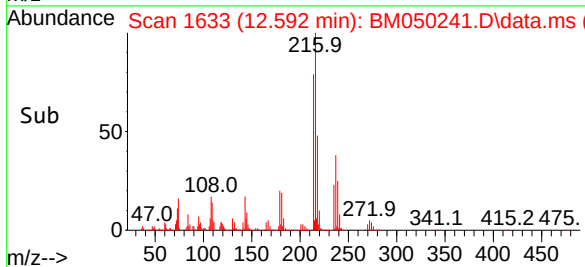
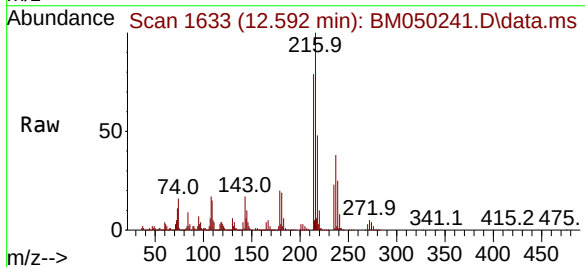
Manual Integrations
APPROVED

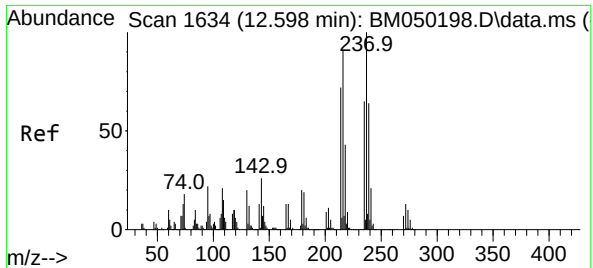
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.564 ng
RT: 12.592 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

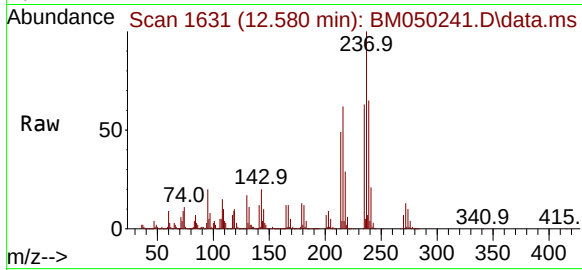
Tgt Ion:216 Resp: 982068
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.6 16.6 25.0
108 21.0 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 93.595 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

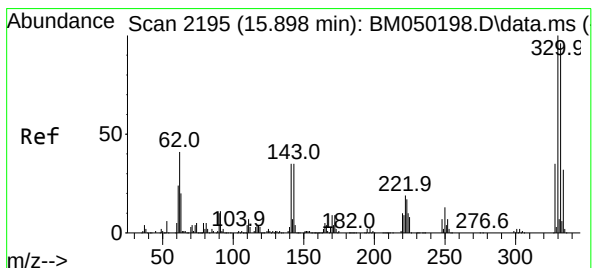
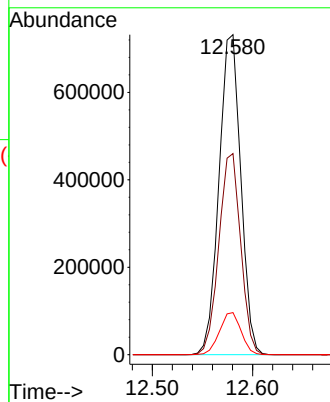
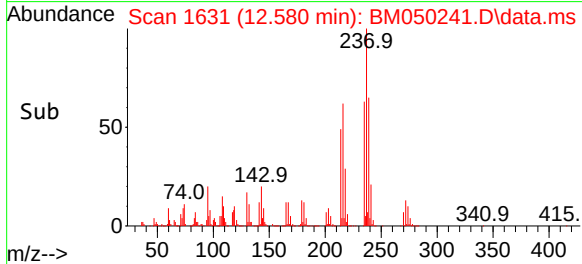
Instrument :
BNA_M
ClientSampleId :
GSB3MS



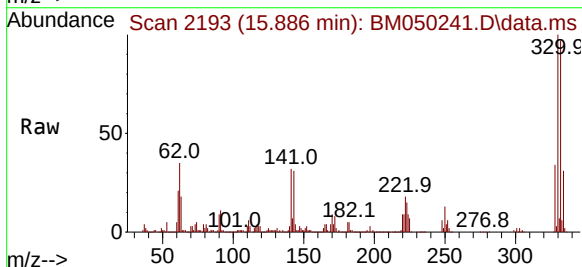
Tgt Ion:237 Resp: 110397
Ion Ratio Lower Upper
237 100
235 62.9 44.6 84.6
272 13.1 0.0 33.1

Manual Integrations
APPROVED

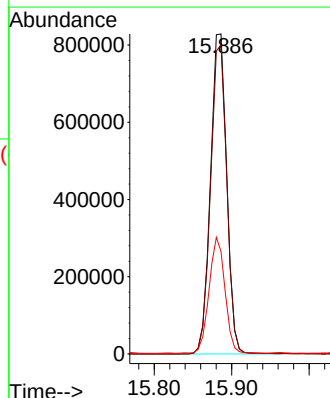
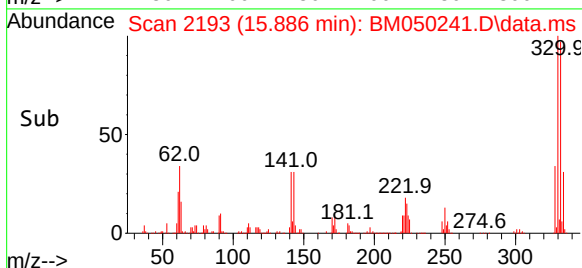
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

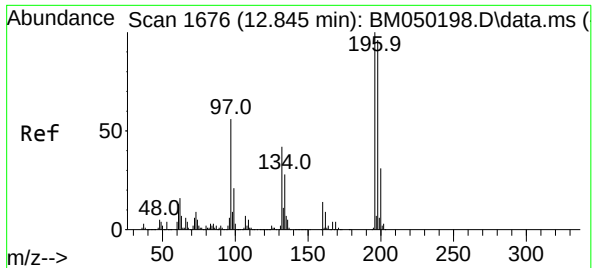


#42
2,4,6-Tribromophenol
Concen: 157.727 ng
RT: 15.886 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



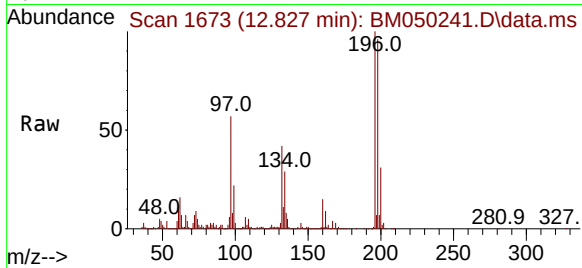
Tgt Ion:330 Resp: 1206681
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 35.3 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 52.671 ng
RT: 12.827 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

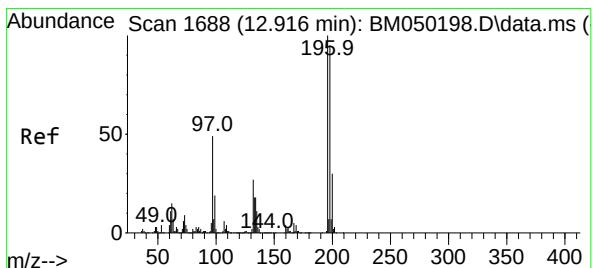
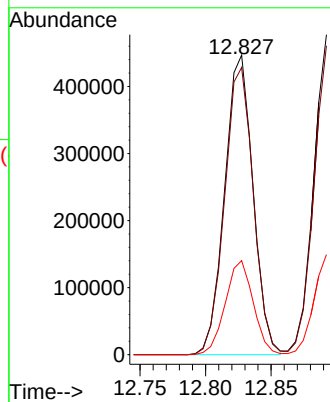
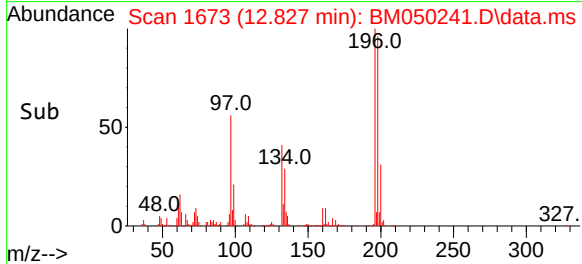
Instrument :
BNA_M
ClientSampleId :
GSB3MS



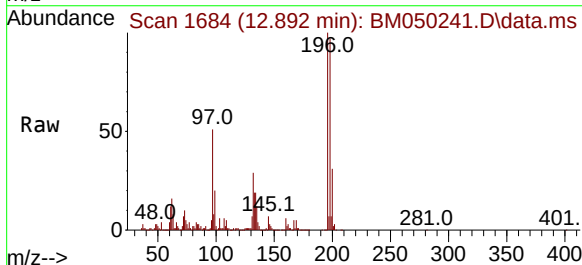
Tgt Ion:196 Resp: 67273
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
200 31.4 24.5 36.7

Manual Integrations
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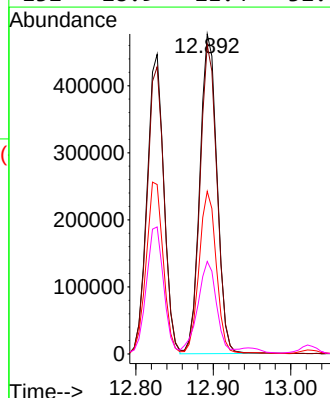
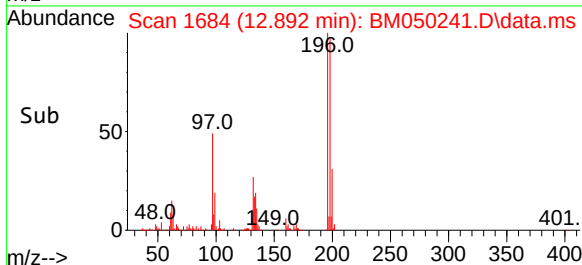
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

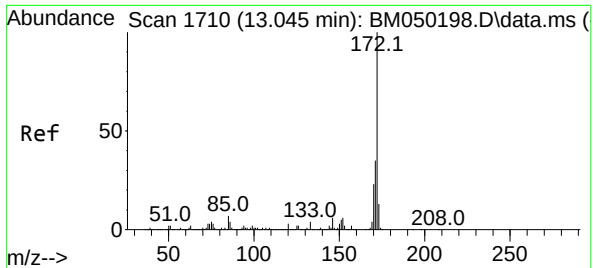


#44
2,4,5-Trichlorophenol
Concen: 52.205 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



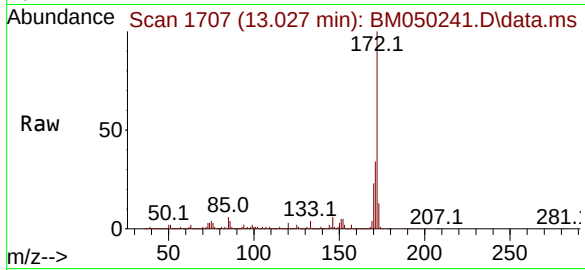
Tgt Ion:196 Resp: 732097
Ion Ratio Lower Upper
196 100
198 96.6 76.1 114.1
97 50.8 39.3 58.9
132 28.9 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 85.044 ng
RT: 13.027 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

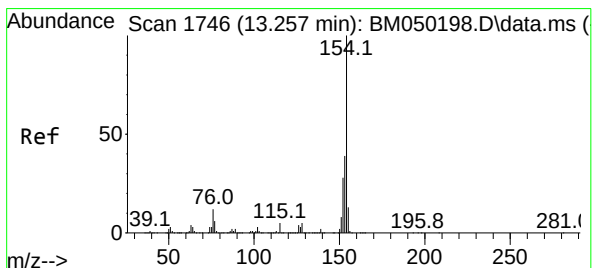
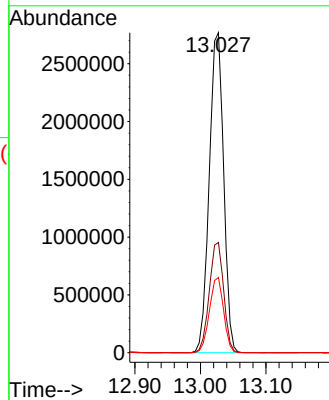
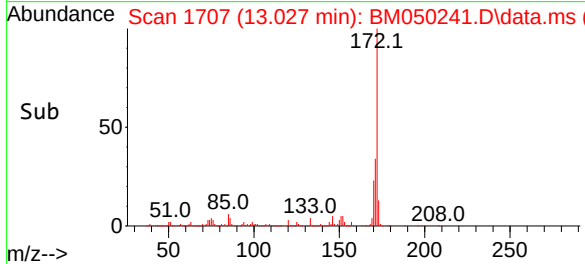
Instrument :
BNA_M
ClientSampleId :
GSB3MS



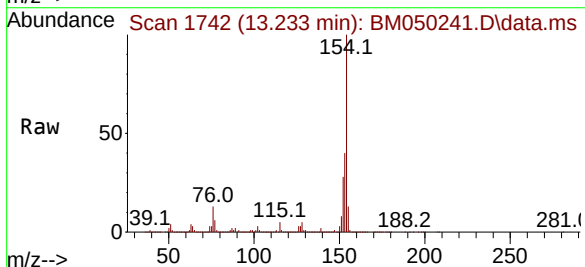
Tgt Ion:172 Resp: 4225084
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.5 18.6 27.8

Manual Integrations
APPROVED

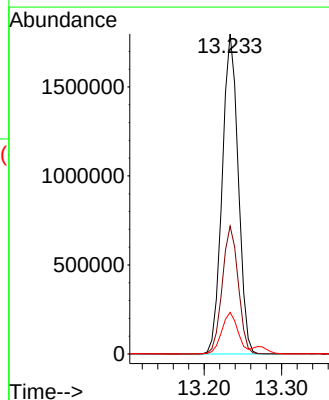
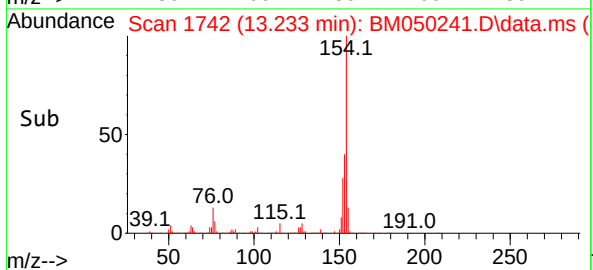
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

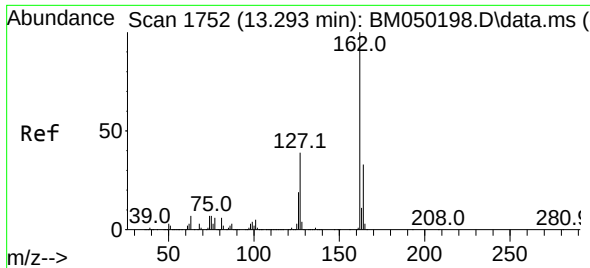


#46
1,1'-Biphenyl
Concen: 51.283 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



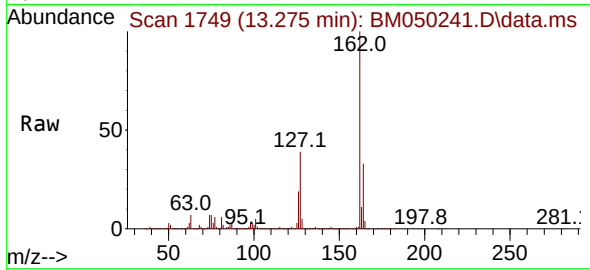
Tgt Ion:154 Resp: 2582829
Ion Ratio Lower Upper
154 100
153 40.0 19.2 59.2
76 13.0 0.0 32.0





#47
2-Chloronaphthalene
Concen: 50.319 ng
RT: 13.275 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

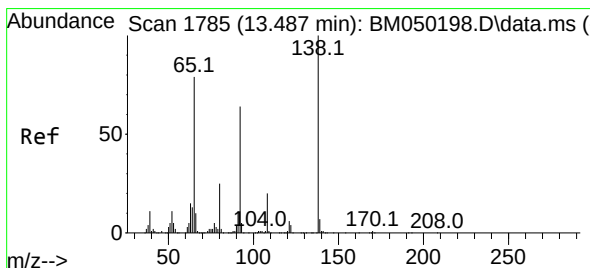
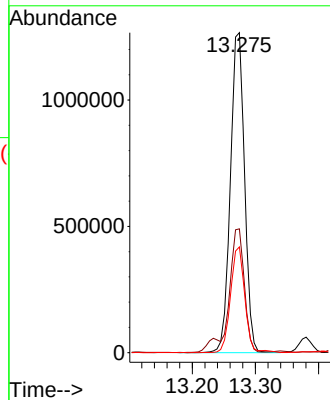
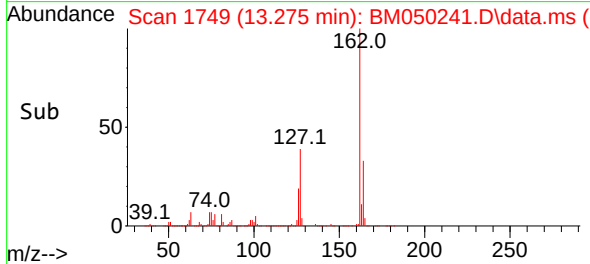
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:162 Resp: 197025
Ion Ratio Lower Upper
162 100
127 38.7 31.1 46.7
164 33.0 26.5 39.7

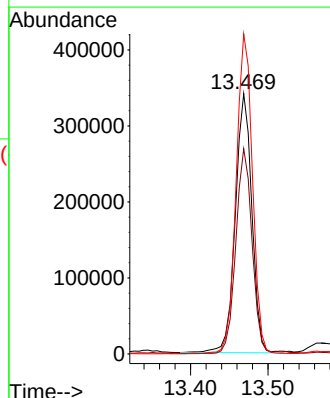
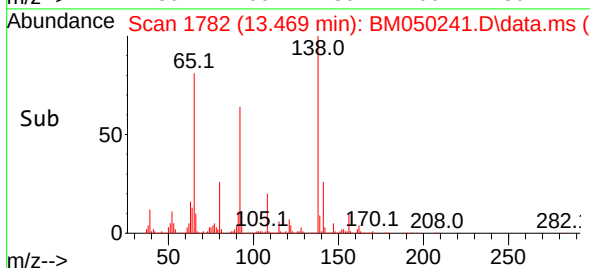
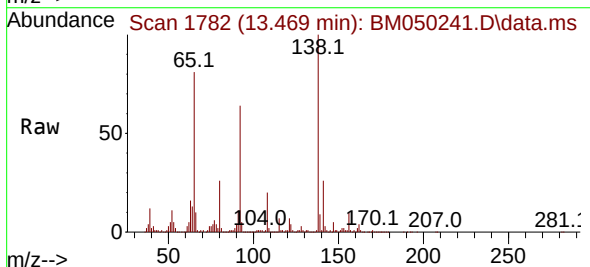
Manual Integrations
APPROVED

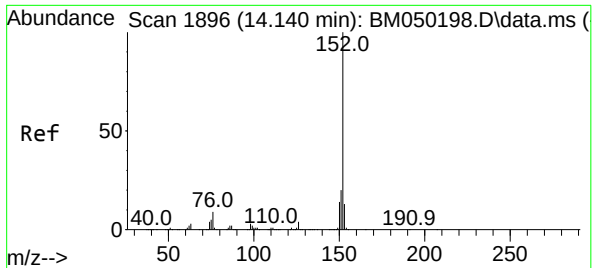
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#48
2-Nitroaniline
Concen: 58.824 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

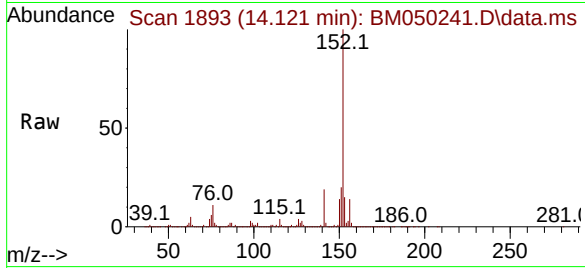
Tgt Ion: 65 Resp: 506865
Ion Ratio Lower Upper
65 100
92 78.8 64.2 96.4
138 122.8 101.0 151.4





#49
Acenaphthylene
Concen: 50.835 ng
RT: 14.121 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

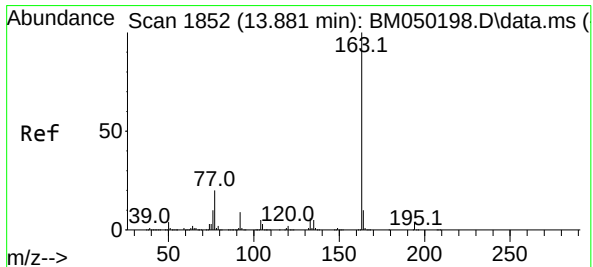
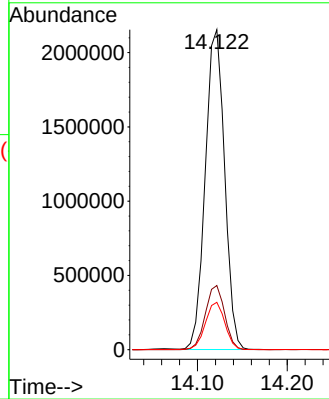
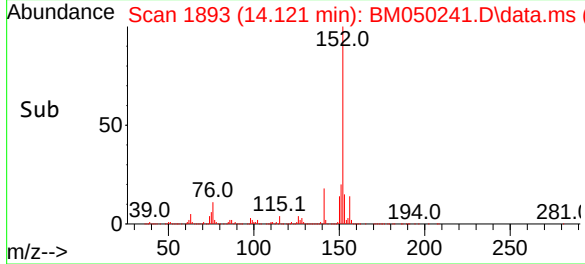
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:152 Resp: 321941
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 14.8 10.4 15.6

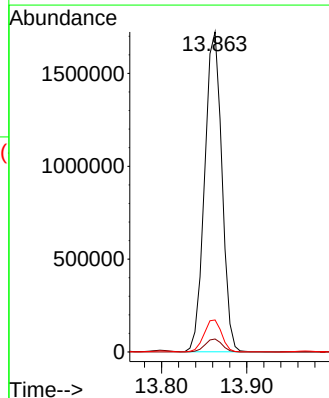
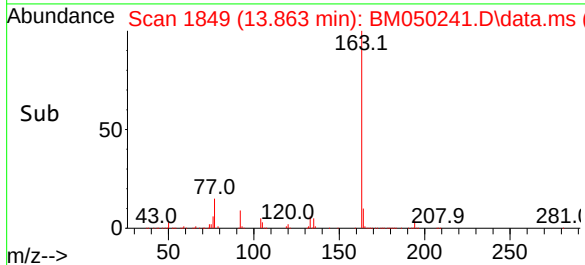
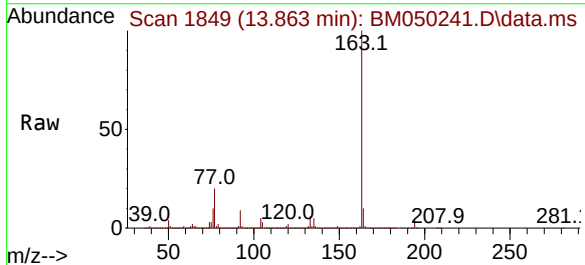
Manual Integrations
APPROVED

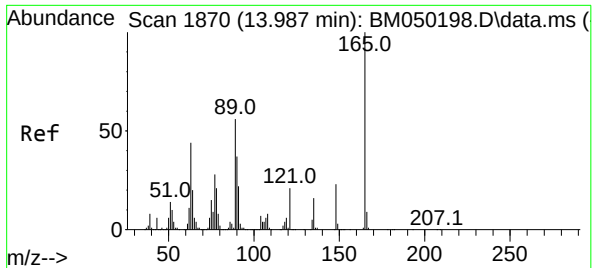
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#50
Dimethylphthalate
Concen: 53.208 ng
RT: 13.863 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

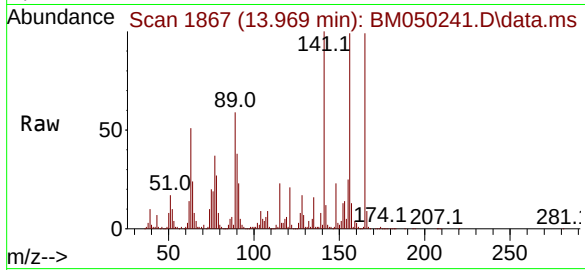
Tgt Ion:163 Resp: 2420352
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 53.715 ng
RT: 13.969 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

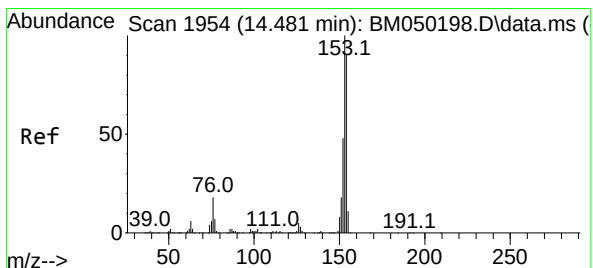
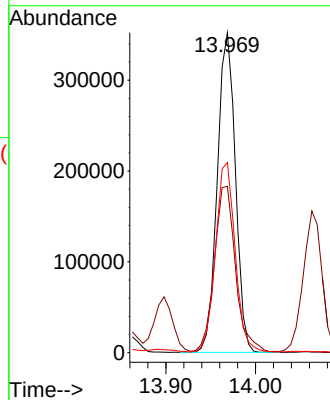
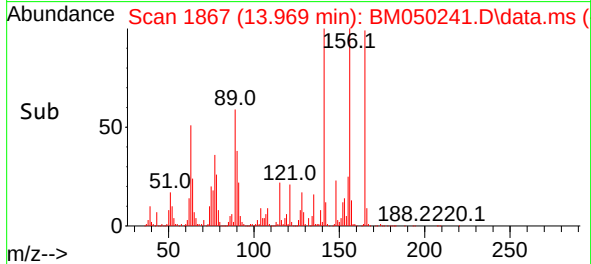
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:165 Resp: 492752
Ion Ratio Lower Upper
165 100
63 52.0 35.8 53.6
89 59.5 44.8 67.2

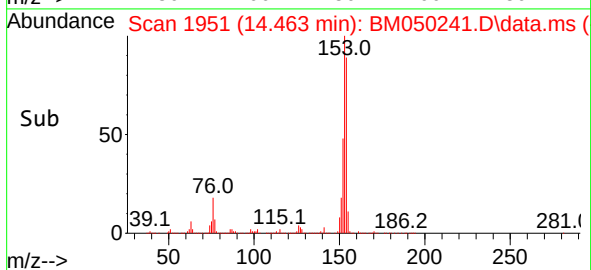
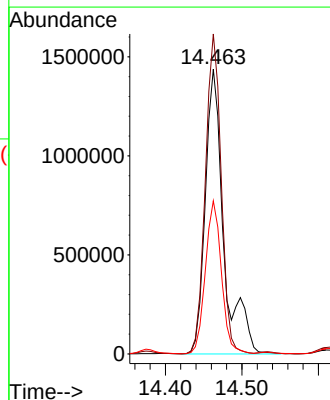
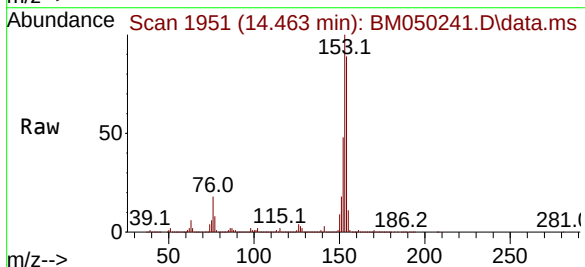
Manual Integrations
APPROVED

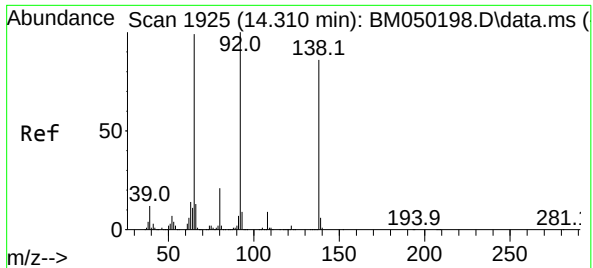
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 61.183 ng m
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

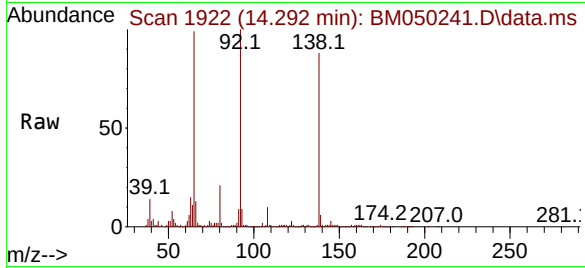
Tgt Ion:154 Resp: 2423578
Ion Ratio Lower Upper
154 100
153 112.4 88.7 133.1
152 53.7 42.6 63.8





#53
3-Nitroaniline
Concen: 27.212 ng
RT: 14.292 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

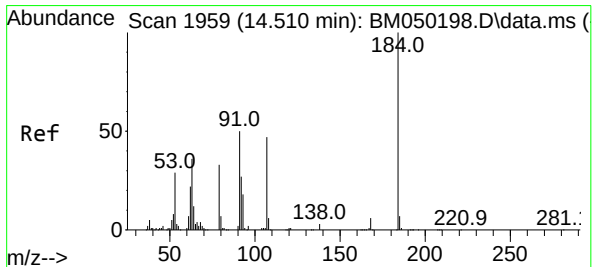
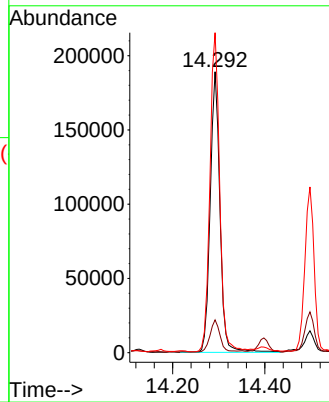
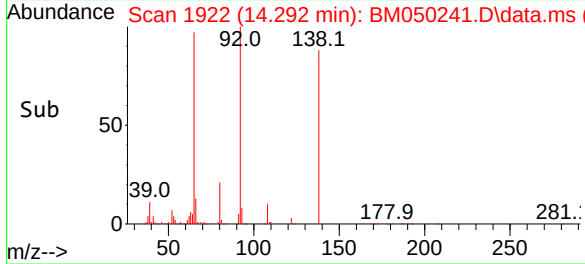
Instrument :
BNA_M
ClientSampleId :
GSB3MS



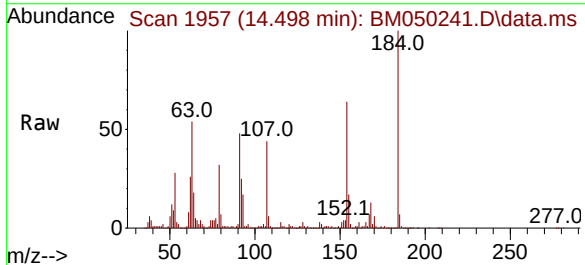
Tgt Ion:138 Resp: 278218
Ion Ratio Lower Upper
138 100
108 11.7 8.8 13.2
92 113.9 92.9 139.3

Manual Integrations
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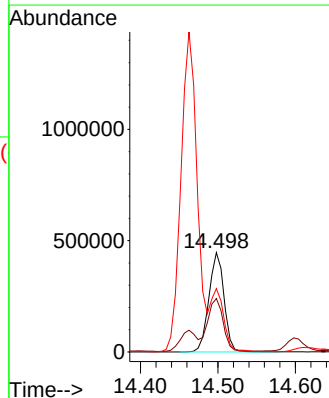
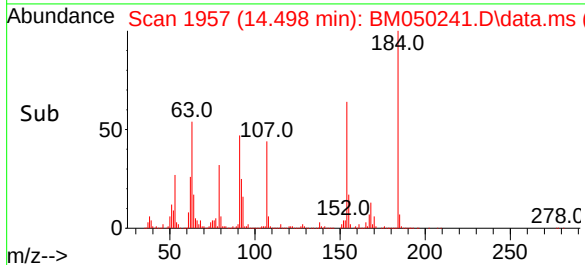
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

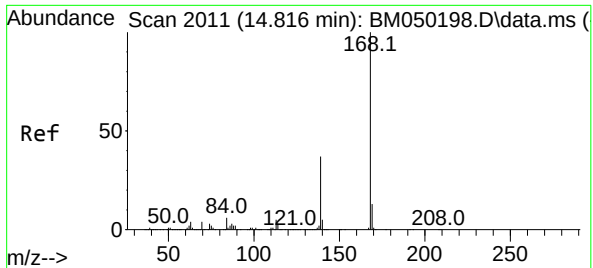


#54
2,4-Dinitrophenol
Concen: 122.615 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



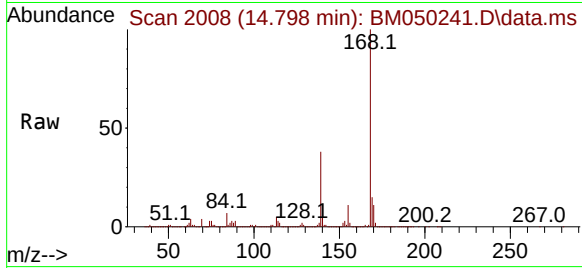
Tgt Ion:184 Resp: 604886
Ion Ratio Lower Upper
184 100
63 53.8 45.3 67.9
154 63.7 54.3 81.5





#55
Dibenzenofuran
Concen: 56.110 ng
RT: 14.798 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

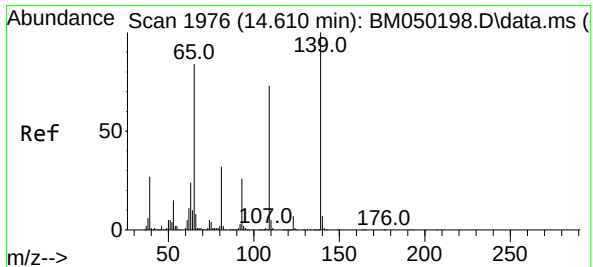
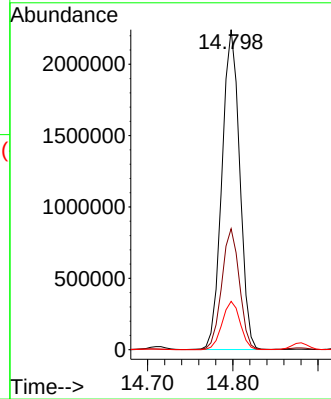
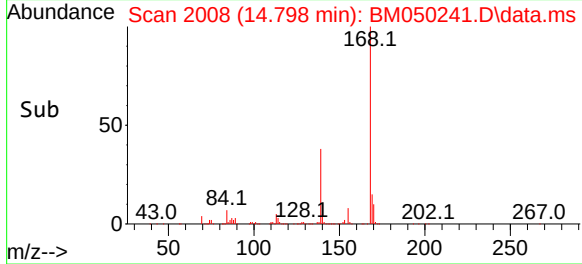
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:168 Resp: 3251690
Ion Ratio Lower Upper
168 100
139 37.8 29.9 44.9
169 15.1 10.6 16.0

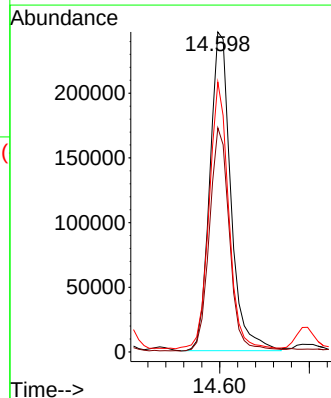
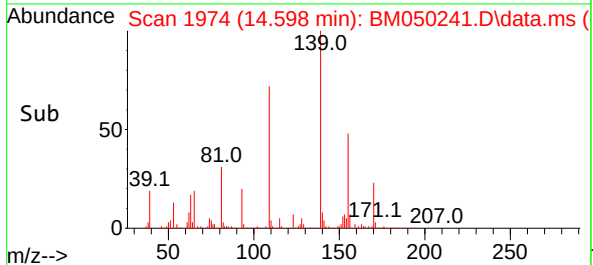
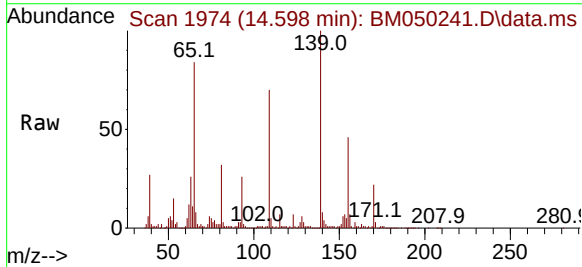
Manual Integrations
APPROVED

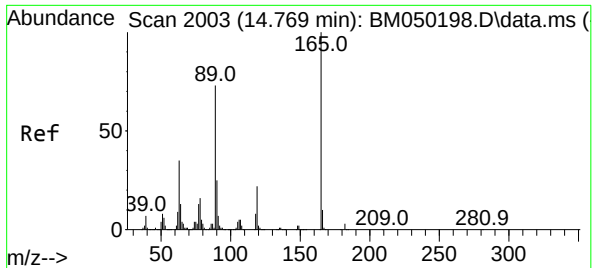
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#56
4-Nitrophenol
Concen: 46.087 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

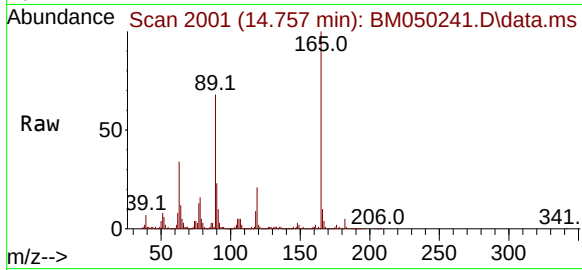
Tgt Ion:139 Resp: 401045
Ion Ratio Lower Upper
139 100
109 70.1 52.6 92.6
65 84.3 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 59.521 ng
RT: 14.757 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

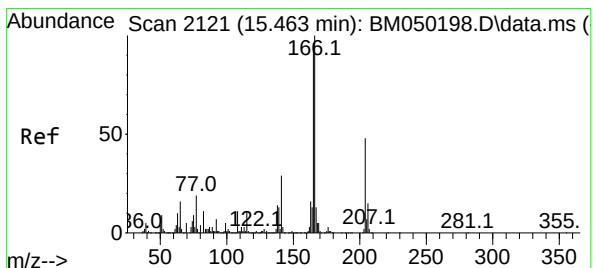
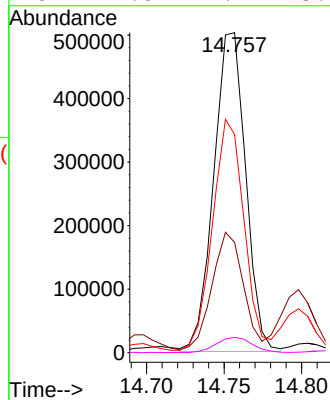
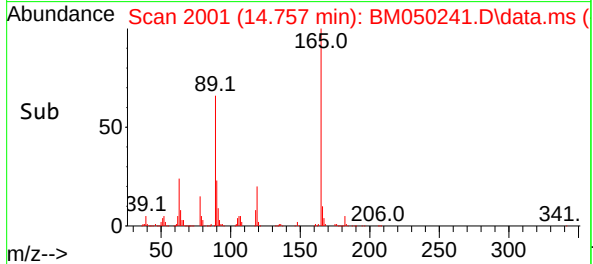
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:165 Resp: 720272
Ion Ratio Lower Upper
165 100
63 34.4 28.4 42.6
89 68.1 58.0 87.0
182 4.8 2.2 3.2#

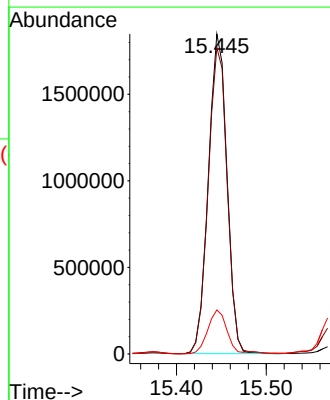
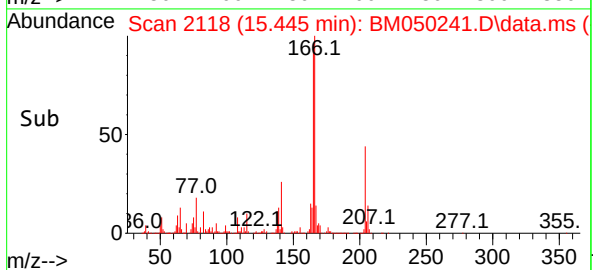
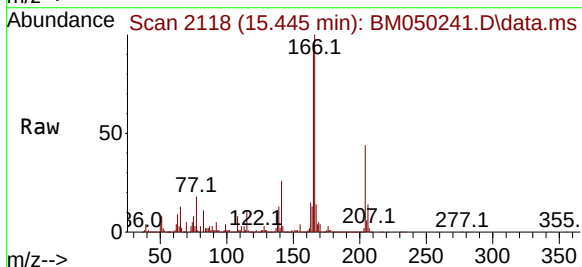
Manual Integrations
APPROVED

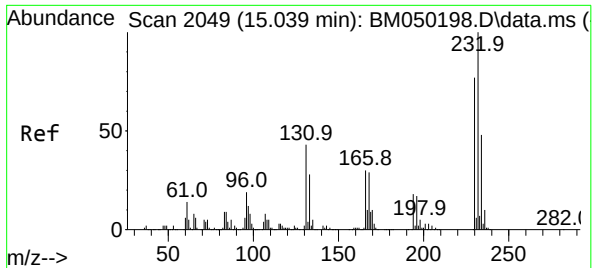
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 59.920 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

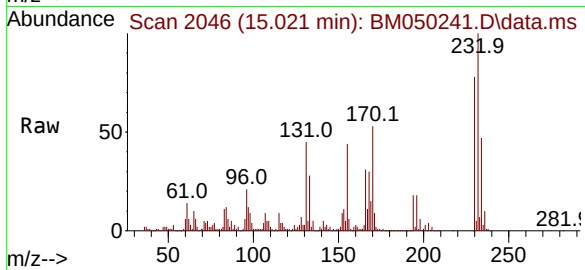
Tgt Ion:166 Resp: 2659647
Ion Ratio Lower Upper
166 100
165 95.7 77.0 115.4
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.586 ng/ml
RT: 15.021 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

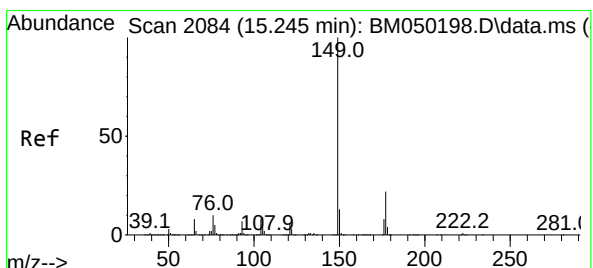
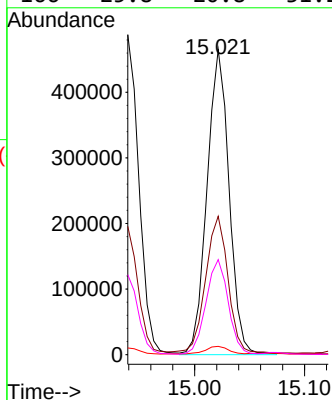
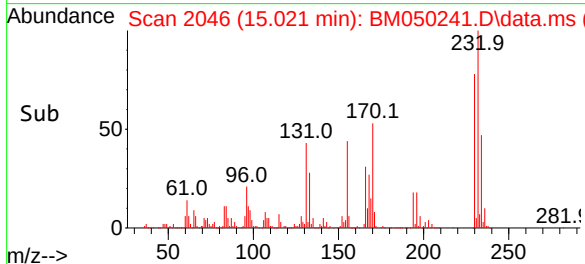
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:232 Resp: 650150
Ion Ratio Lower Upper
232 100
131 41.7 32.9 49.3
130 2.4 1.8 2.8
166 25.8 20.8 31.2

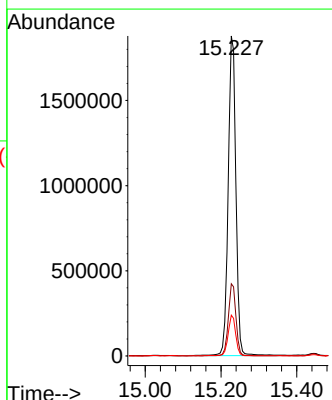
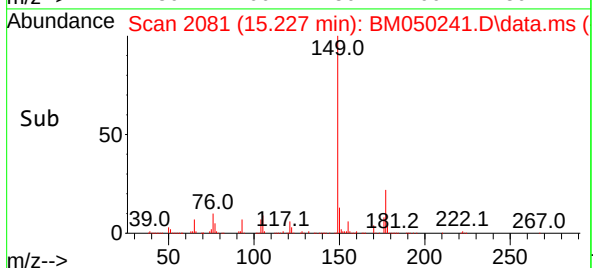
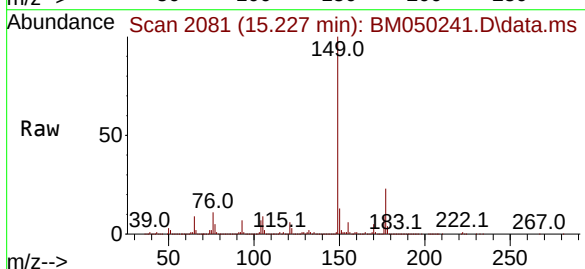
Manual Integrations
APPROVED

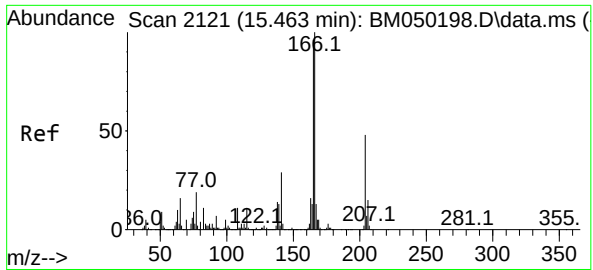
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#60
Diethylphthalate
Concen: 58.887 ng/ml
RT: 15.227 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

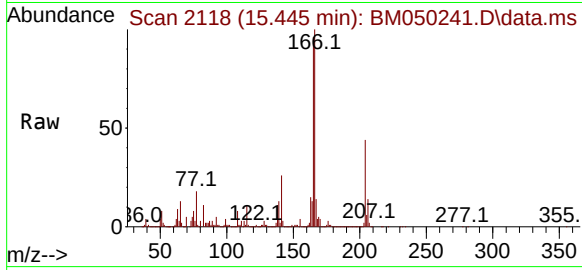
Tgt Ion:149 Resp: 2657786
Ion Ratio Lower Upper
149 100
177 22.6 17.2 25.8
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 52.062 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

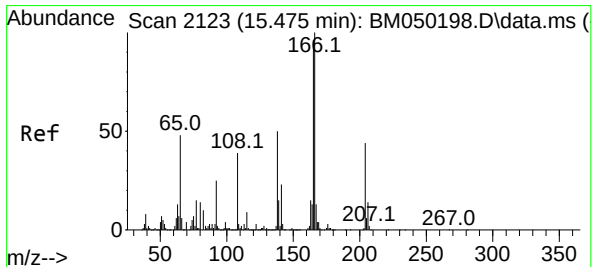
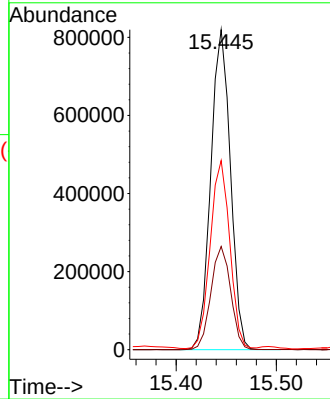
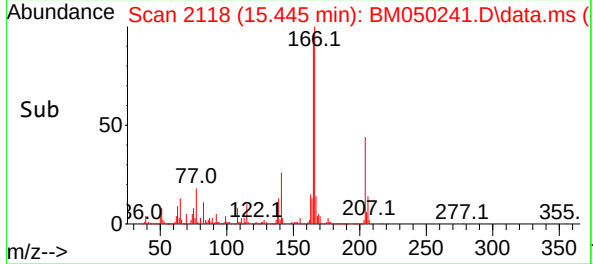
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:204 Resp: 111683
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.0
141 59.1 47.9 71.9

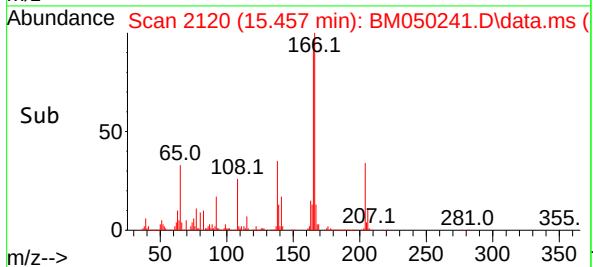
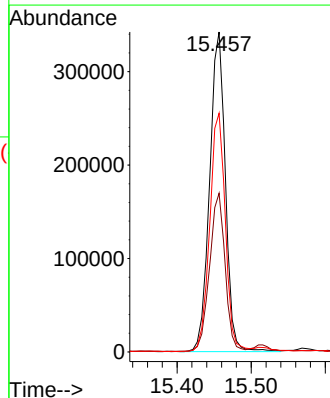
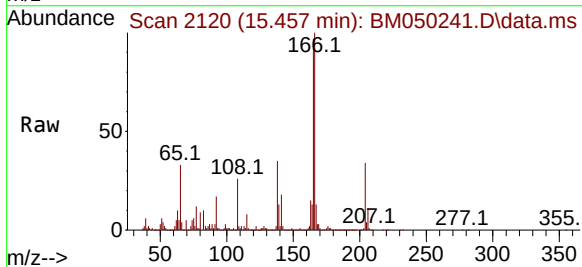
Manual Integrations
APPROVED

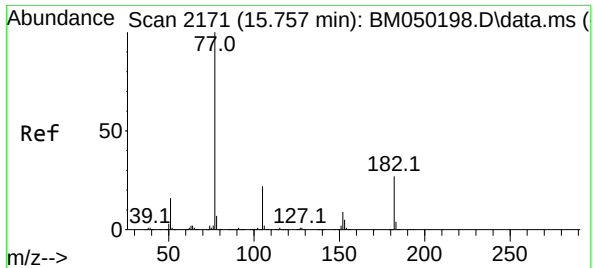
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#62
4-Nitroaniline
Concen: 52.681 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

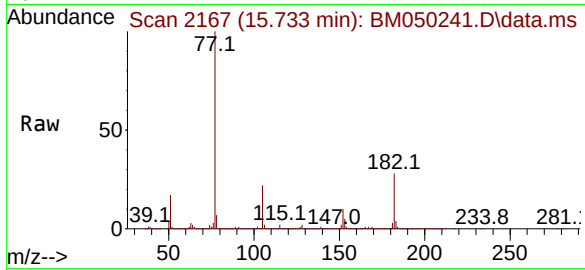
Tgt Ion:138 Resp: 504811
Ion Ratio Lower Upper
138 100
92 49.6 28.8 68.8
108 74.6 58.1 98.1





#63
Azobenzene
Concen: 51.945 ng
RT: 15.733 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

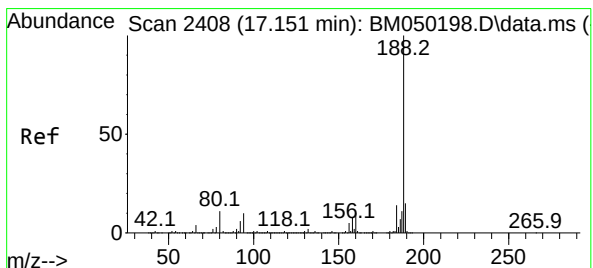
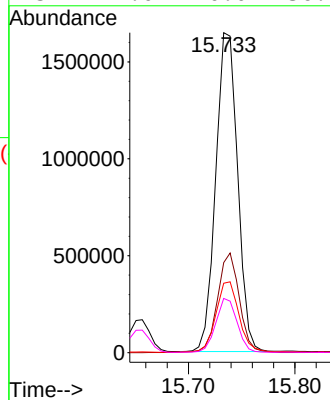
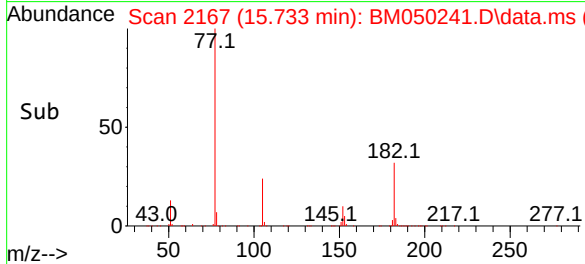
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion: 77 Resp: 2343360
Ion Ratio Lower Upper
77 100
182 28.1 6.8 46.8
105 21.7 1.7 41.7
51 17.0 0.0 36.2

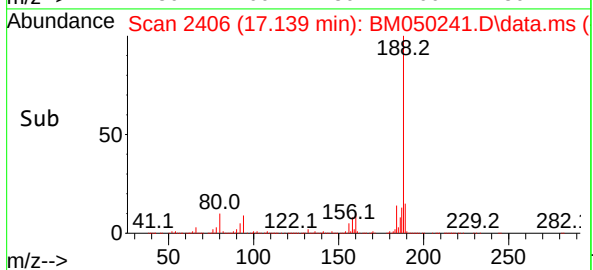
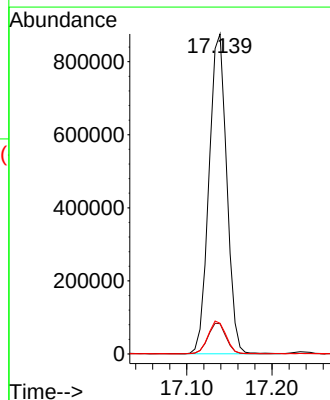
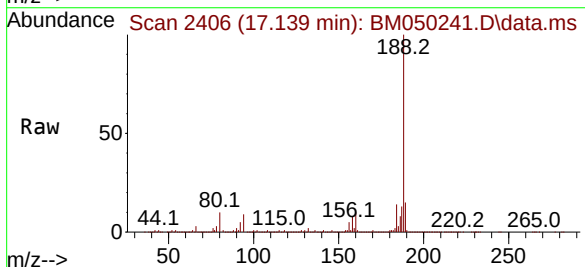
Manual Integrations
APPROVED

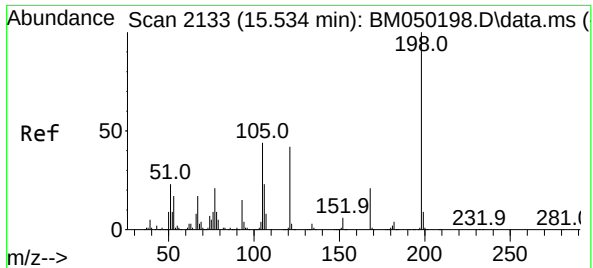
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

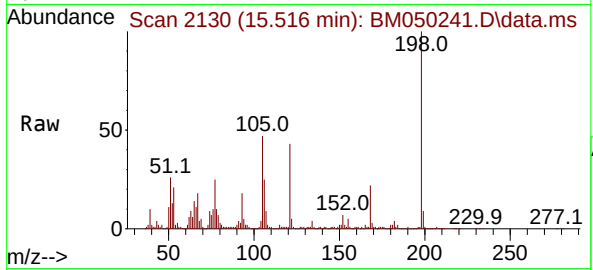
Tgt Ion:188 Resp: 1263274
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 9.6 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 56.013 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

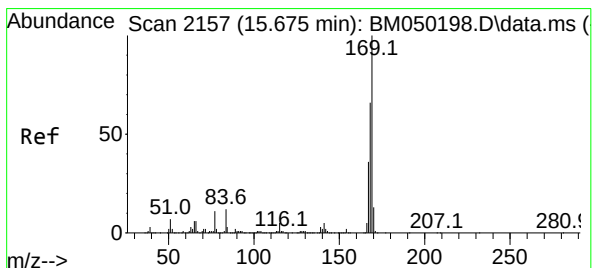
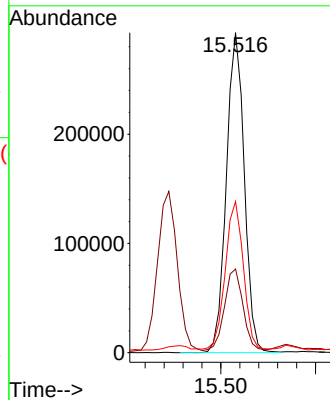
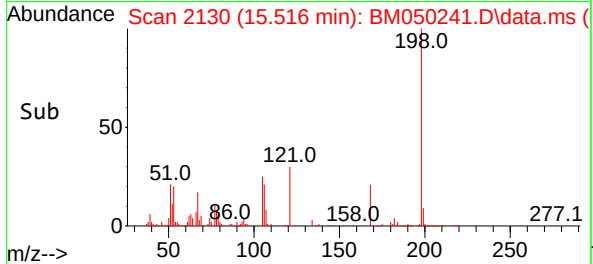
Instrument :
BNA_M
ClientSampleId :
GSB3MS



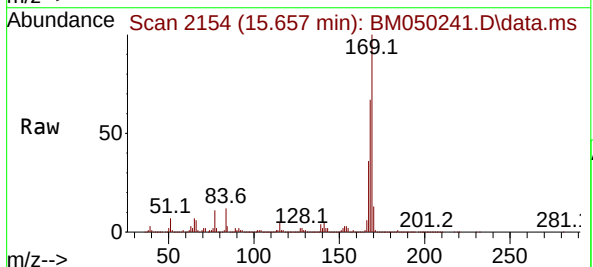
Tgt Ion:198 Resp: 386478
Ion Ratio Lower Upper
198 100
51 26.2 4.5 44.5
105 47.2 24.9 64.9

Manual Integrations
APPROVED

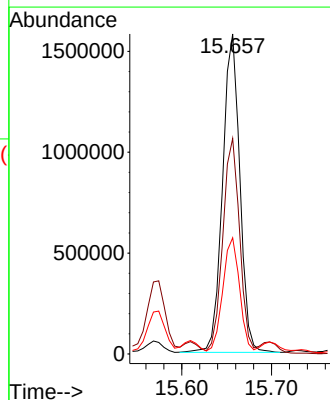
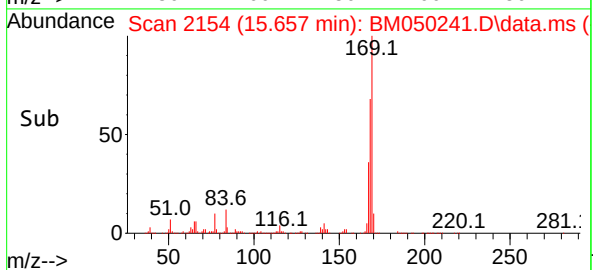
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

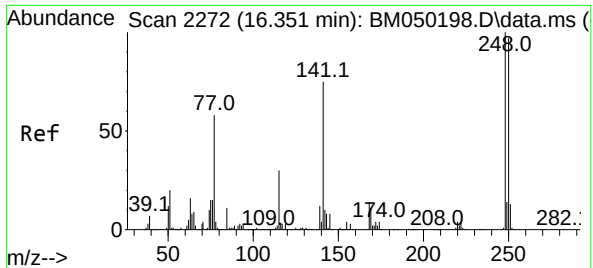


#66
n-Nitrosodiphenylamine
Concen: 53.144 ng
RT: 15.657 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



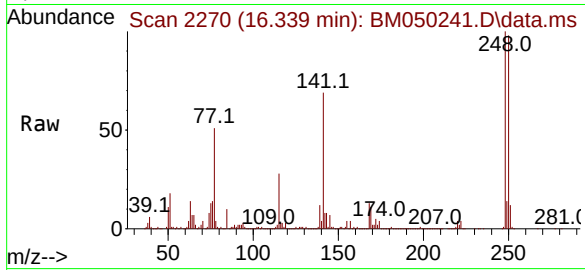
Tgt Ion:169 Resp: 2109439
Ion Ratio Lower Upper
169 100
168 67.3 53.1 79.7
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 54.078 ng
RT: 16.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

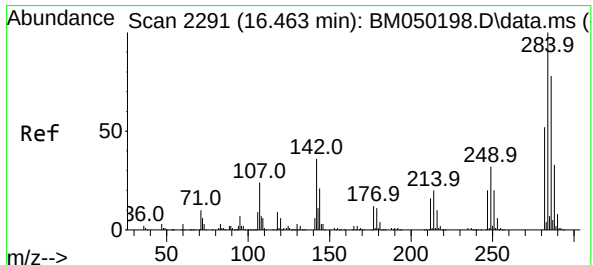
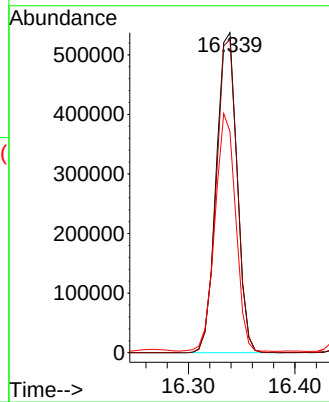
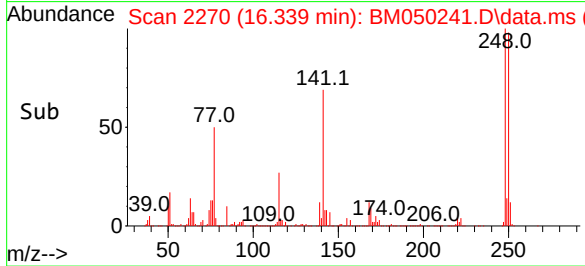
Instrument :
BNA_M
ClientSampleId :
GSB3MS



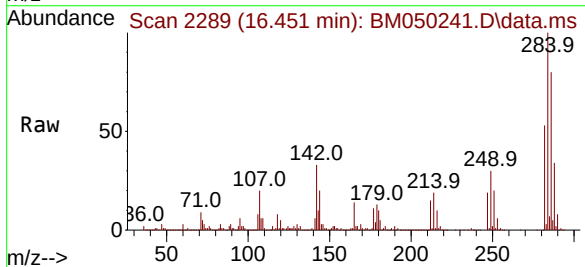
Tgt Ion:248 Resp: 72851
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 69.2 60.1 90.1

Manual Integrations
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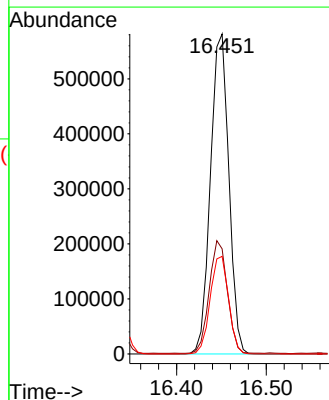
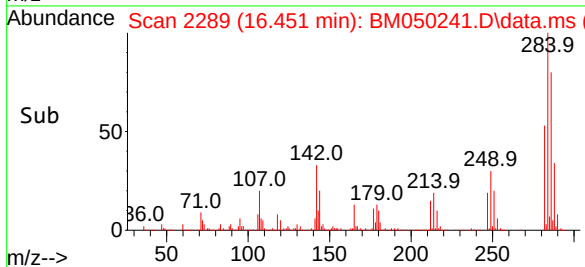
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

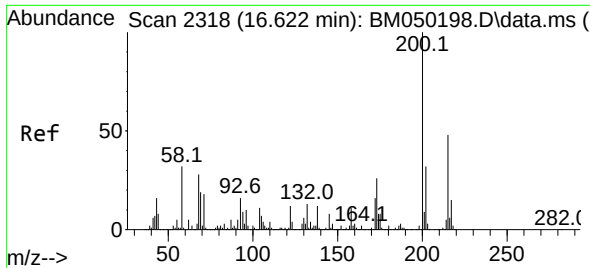


#68
Hexachlorobenzene
Concen: 52.453 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08



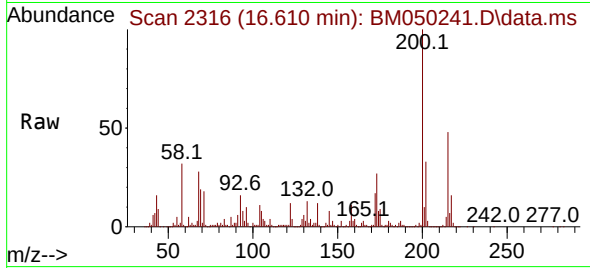
Tgt Ion:284 Resp: 825570
Ion Ratio Lower Upper
284 100
142 32.9 28.8 43.2
249 30.5 25.8 38.6





#69
Atrazine
Concen: 58.508 ng
RT: 16.610 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

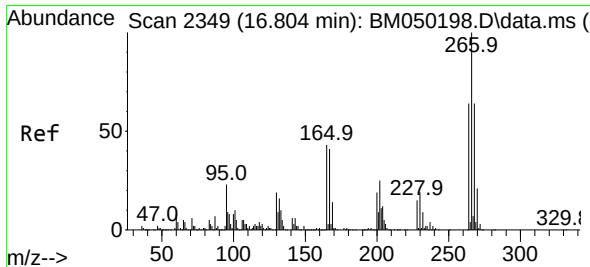
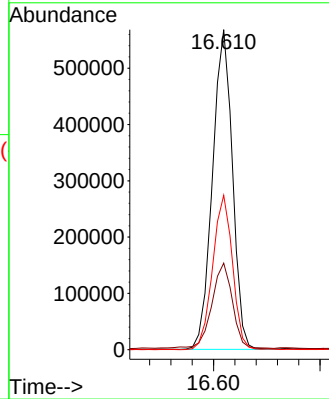
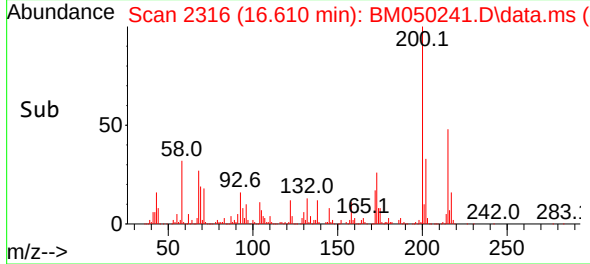
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:200 Resp: 73996
Ion Ratio Lower Upper
200 100
173 27.0 6.0 46.0
215 48.3 28.1 68.1

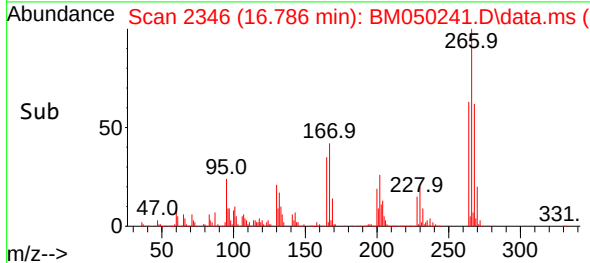
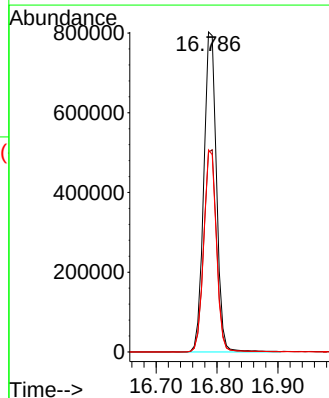
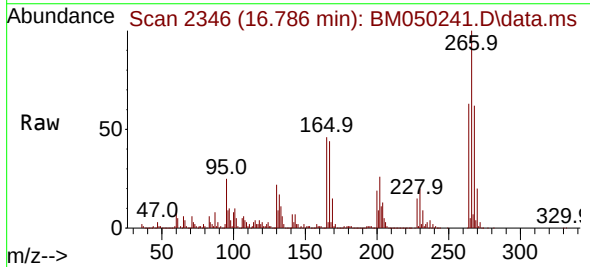
Manual Integrations
APPROVED

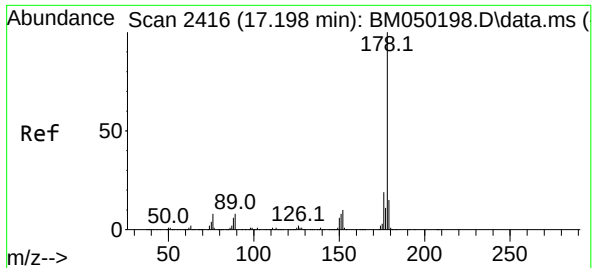
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#70
Pentachlorophenol
Concen: 113.498 ng
RT: 16.786 min Scan# 2346
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

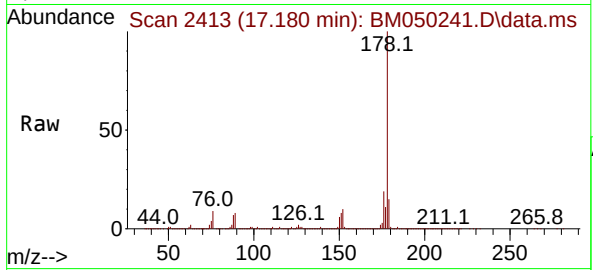
Tgt Ion:266 Resp: 1161426
Ion Ratio Lower Upper
266 100
268 62.4 51.0 76.6
264 63.1 50.8 76.2





#71
Phenanthrene
Concen: 58.906 ng
RT: 17.180 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

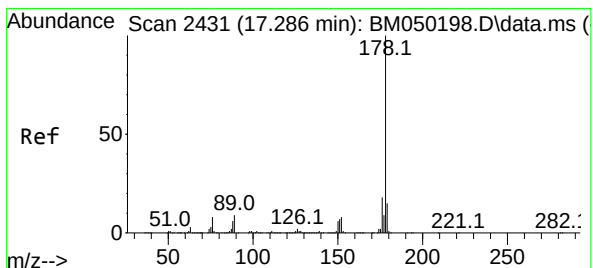
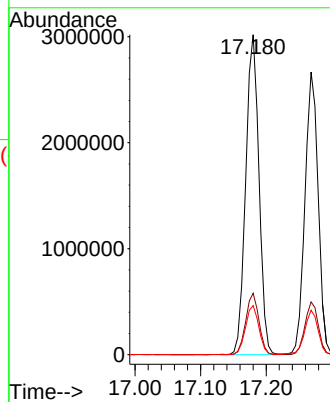
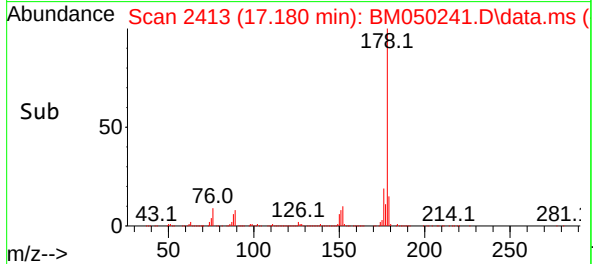
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:178 Resp: 425104
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.4 12.3 18.5

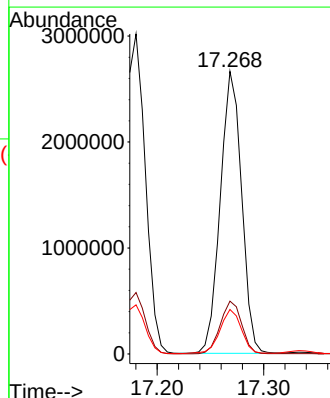
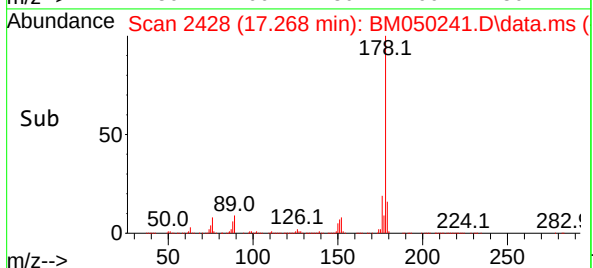
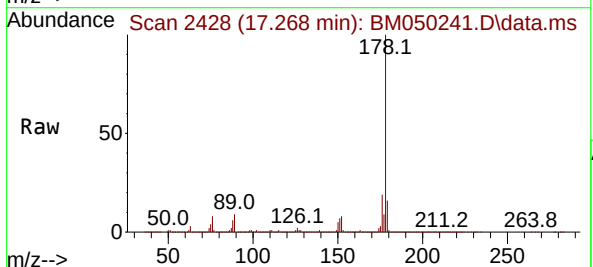
Manual Integrations
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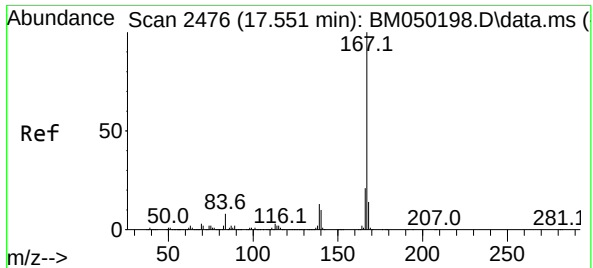
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 51.169 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

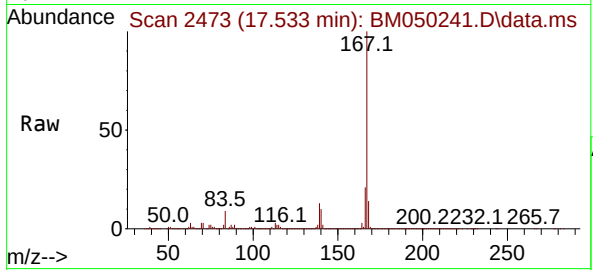
Tgt Ion:178 Resp: 3694142
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.7 12.3 18.5





#73
Carbazole
Concen: 53.606 ng
RT: 17.533 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

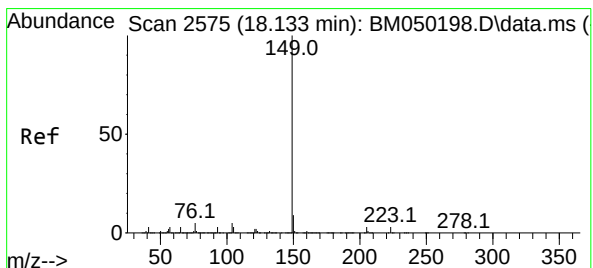
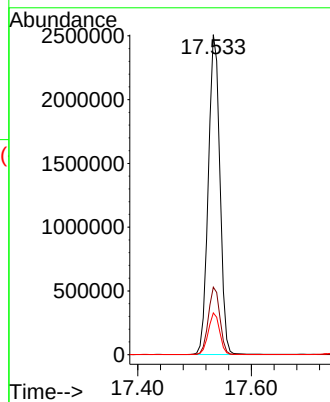
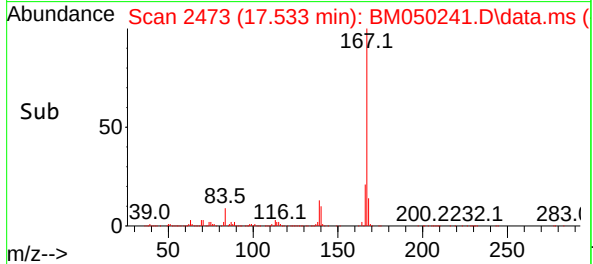
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:167 Resp: 3525760
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 13.0 10.2 15.4

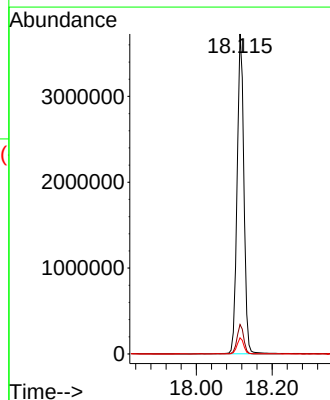
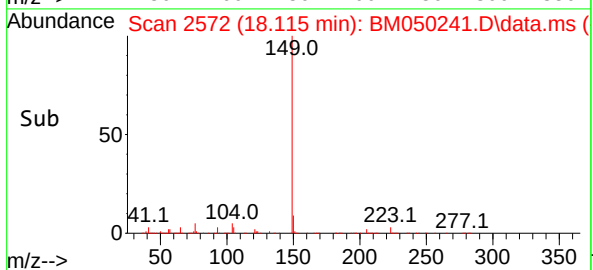
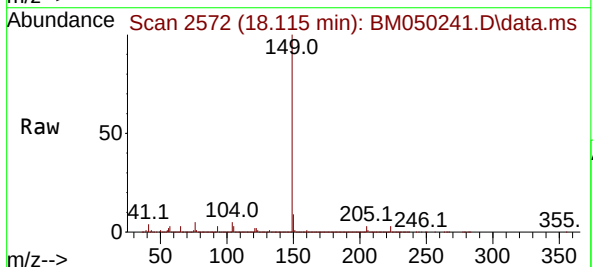
Manual Integrations
APPROVED

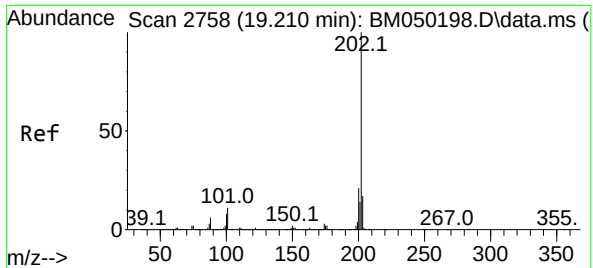
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#74
Di-n-butylphthalate
Concen: 64.303 ng
RT: 18.115 min Scan# 2572
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

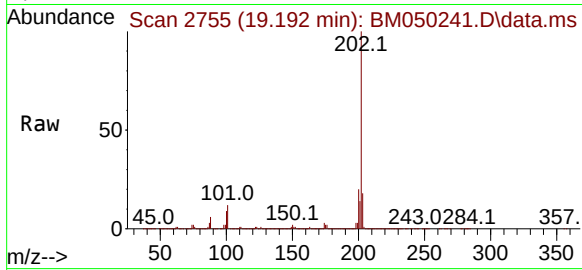
Tgt Ion:149 Resp: 4601778
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 54.540 ng
RT: 19.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

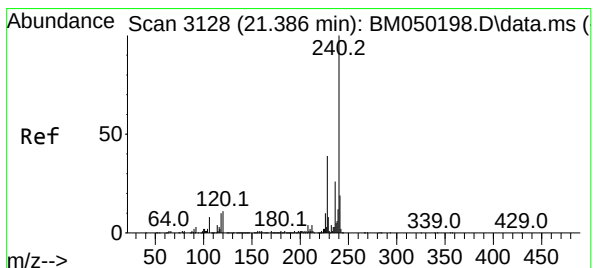
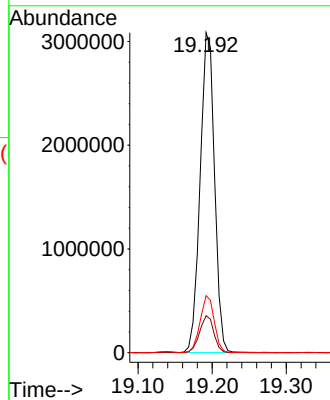
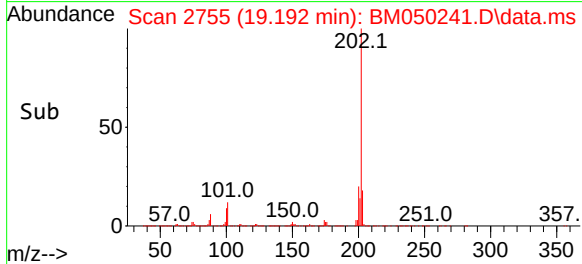
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:202 Resp: 415075
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.1
203 17.8 0.0 37.0

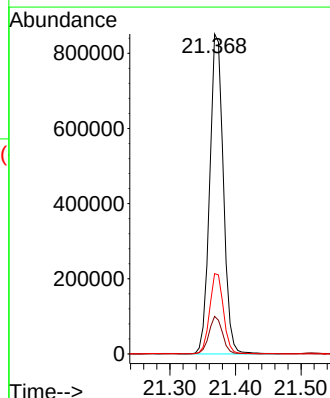
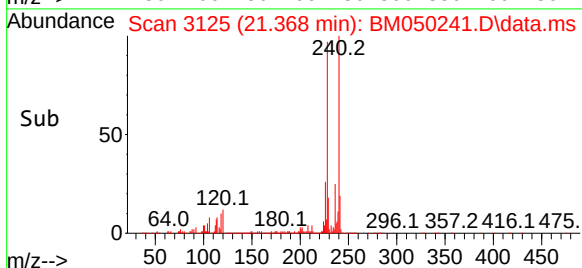
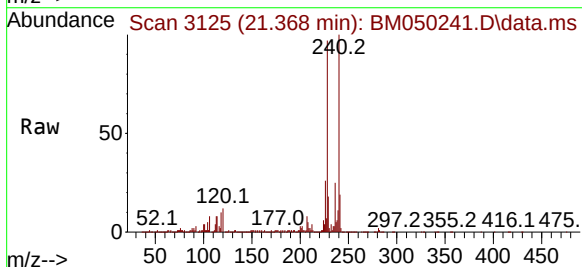
Manual Integrations
APPROVED

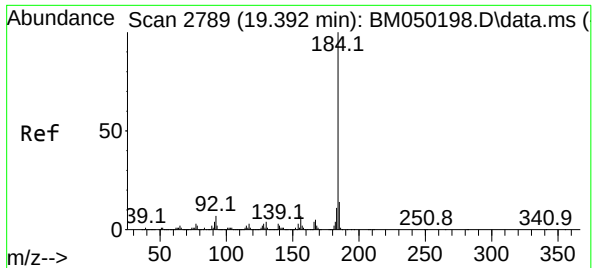
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

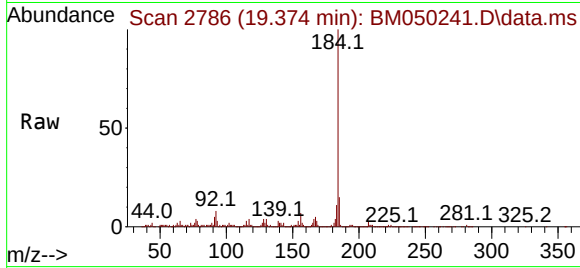
Tgt Ion:240 Resp: 1232808
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.4
236 25.1 20.7 31.1





#77
Benzidine
Concen: 16.433 ng
RT: 19.374 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

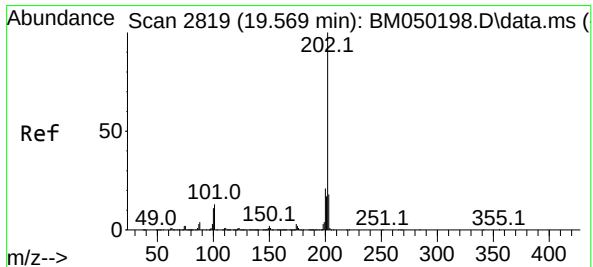
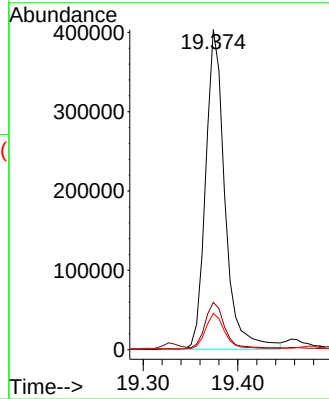
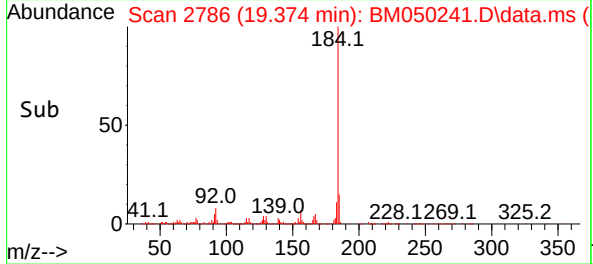
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:184 Resp: 569680
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.4 9.0 13.4

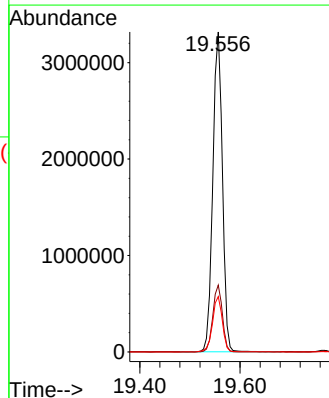
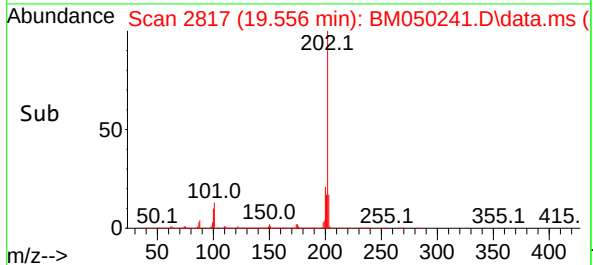
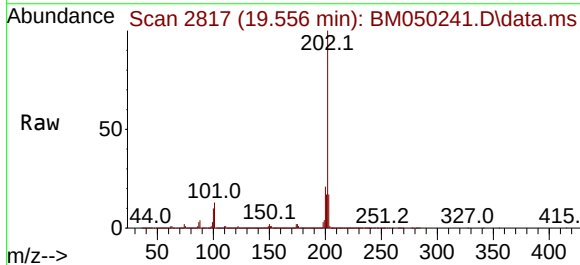
Manual Integrations
APPROVED

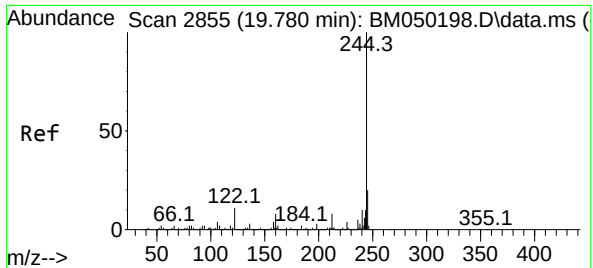
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#78
Pyrene
Concen: 53.023 ng
RT: 19.556 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

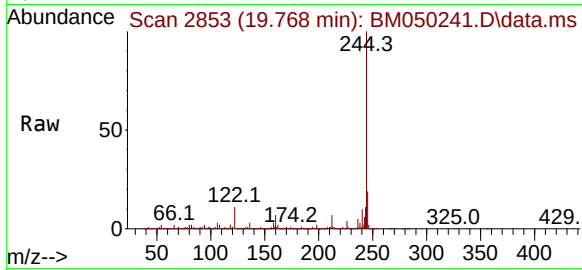
Tgt Ion:202 Resp: 4405786
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.3 14.1 21.1





#79
 Terphenyl-d14
 Concen: 92.434 ng
 RT: 19.768 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050241.D
 Acq: 09 Jun 2025 14:08

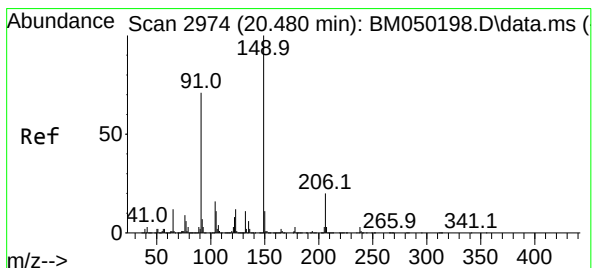
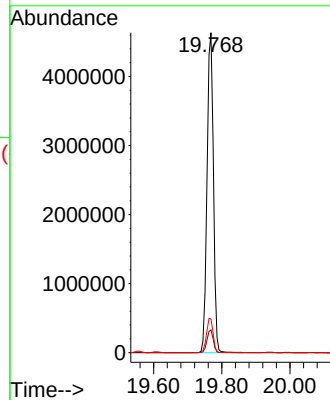
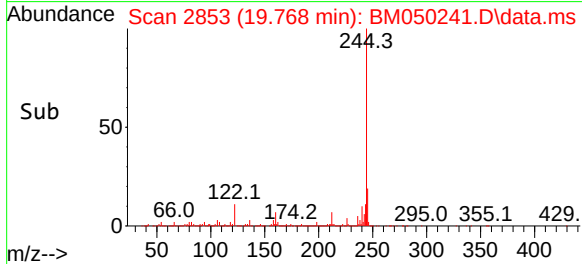
Instrument :
 BNA_M
 ClientSampleId :
 GSB3MS



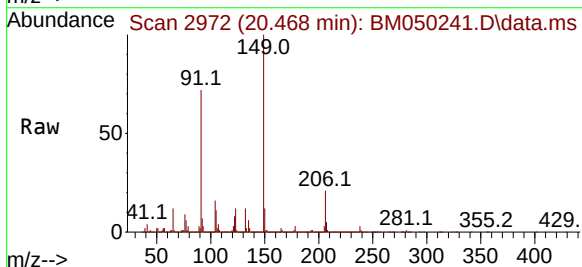
Tgt Ion:244 Resp: 6013290
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.6 8.6 12.8

Manual Integrations
 APPROVED

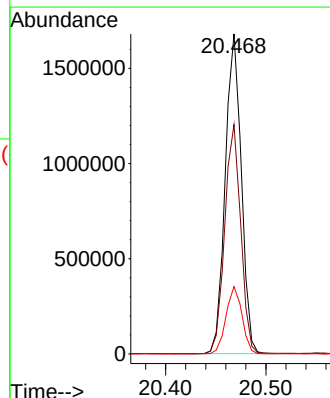
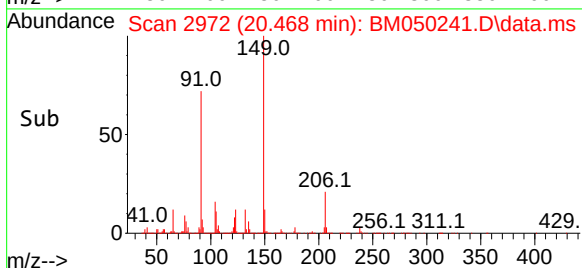
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

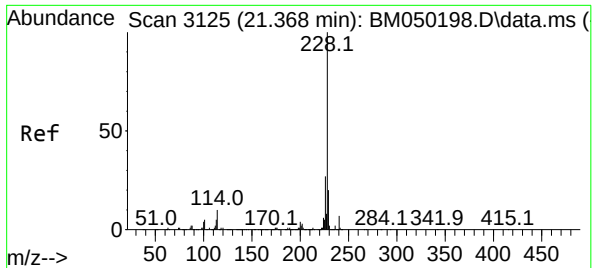


#80
 Butylbenzylphthalate
 Concen: 67.260 ng
 RT: 20.468 min Scan# 2972
 Delta R.T. 0.000 min
 Lab File: BM050241.D
 Acq: 09 Jun 2025 14:08



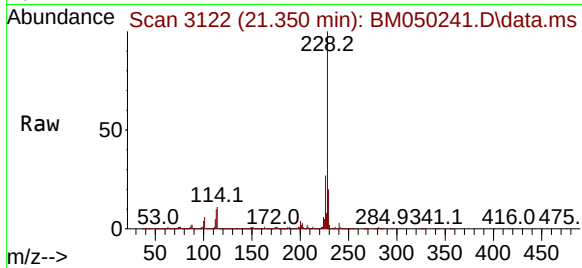
Tgt Ion:149 Resp: 1864215
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.9 85.3
 206 21.0 16.1 24.1





#81
Benzo(a)anthracene
Concen: 53.257 ng
RT: 21.350 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

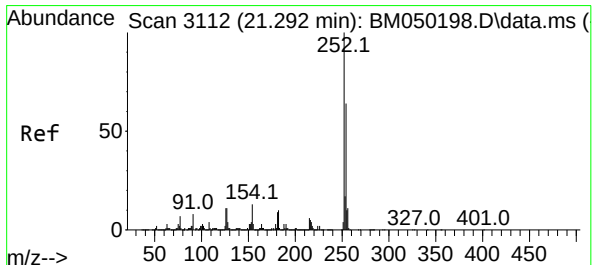
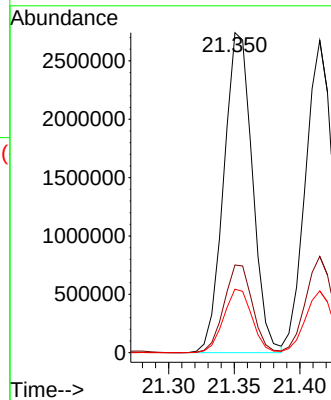
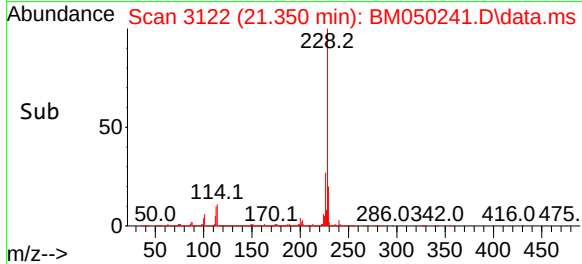
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:228 Resp: 415572
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.9 15.7 23.5

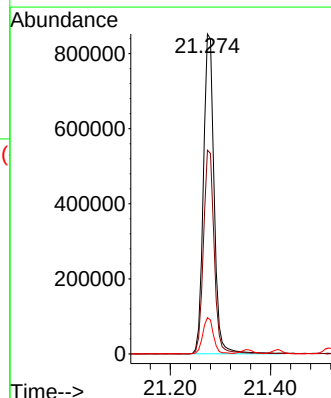
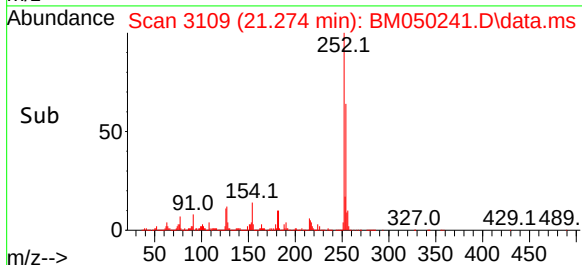
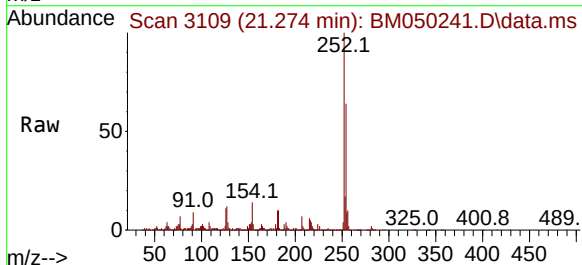
Manual Integrations
APPROVED

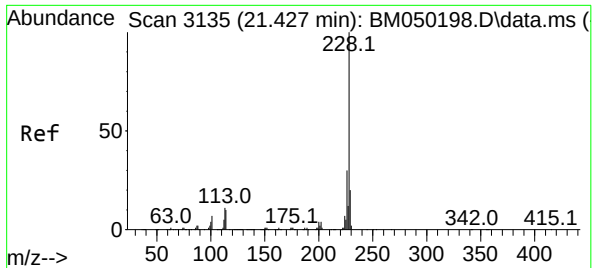
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 53.001 ng
RT: 21.274 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

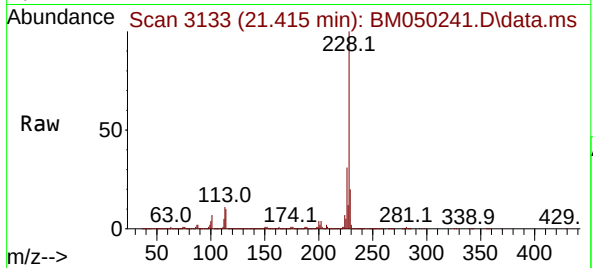
Tgt Ion:252 Resp: 1261208
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.0
126 11.3 8.6 12.8





#83
Chrysene
Concen: 52.227 ng
RT: 21.415 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

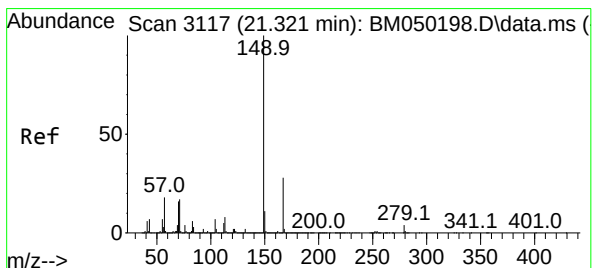
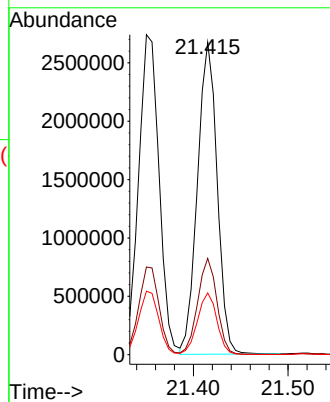
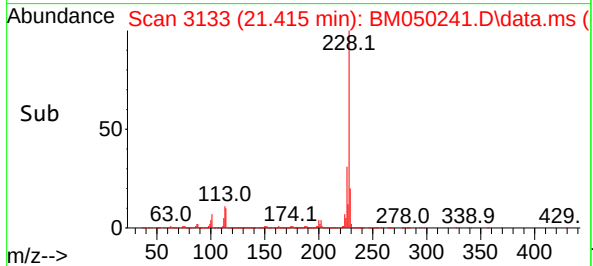
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:228 Resp: 387653
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 19.8 15.8 23.8

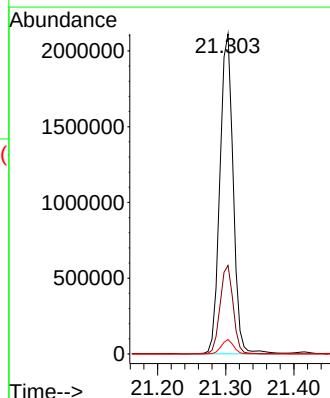
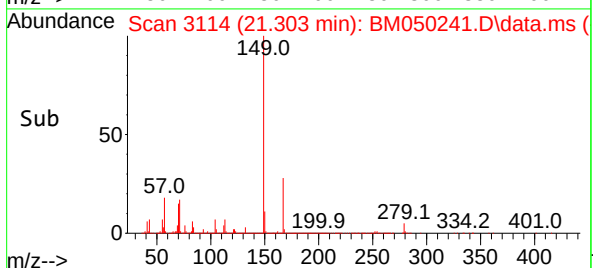
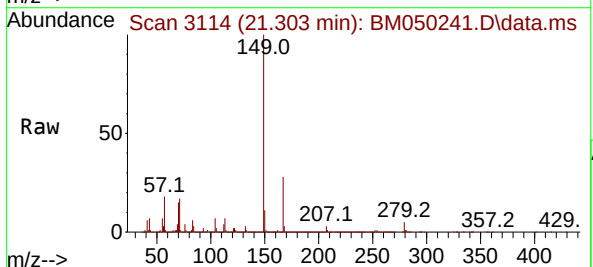
Manual Integrations
APPROVED

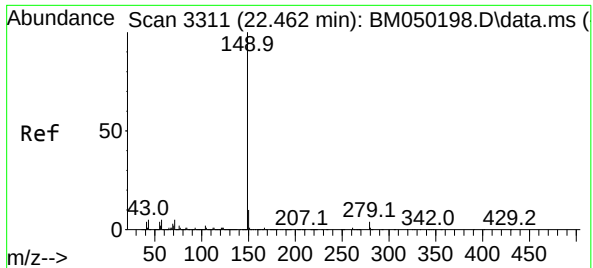
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 66.937 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

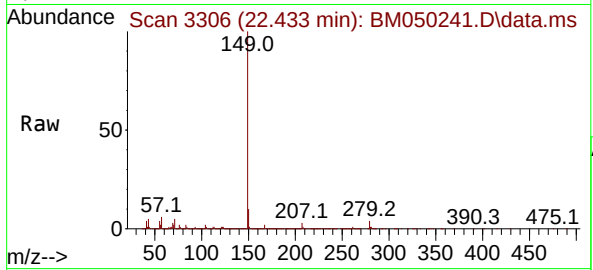
Tgt Ion:149 Resp: 2857713
Ion Ratio Lower Upper
149 100
167 27.7 22.3 33.5
279 4.5 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 73.725 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

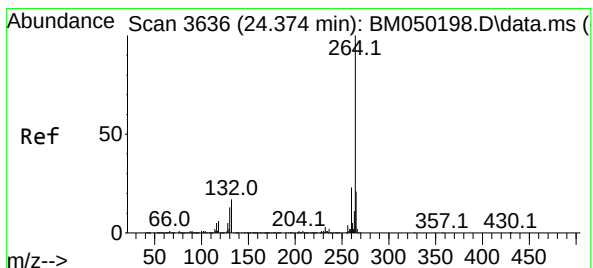
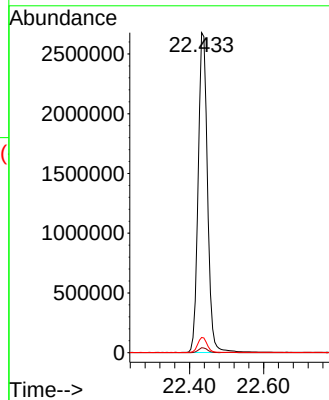
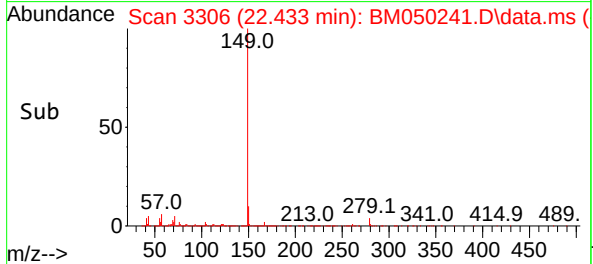
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:149 Resp: 467056
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.8 3.8 5.8

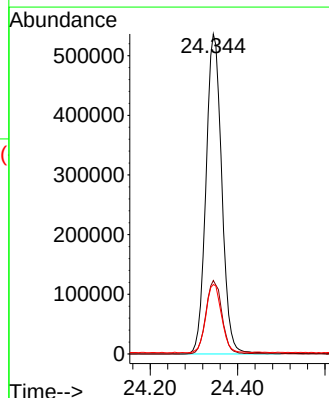
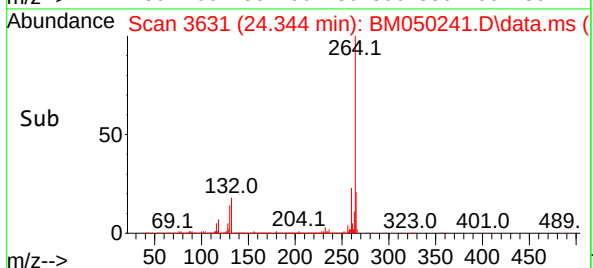
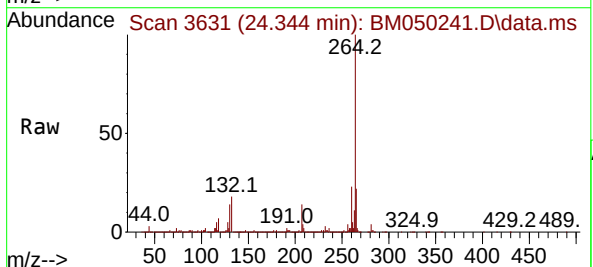
Manual Integrations
APPROVED

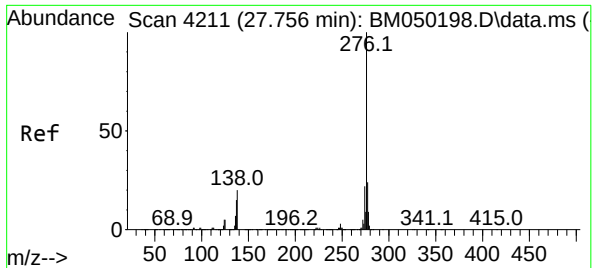
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

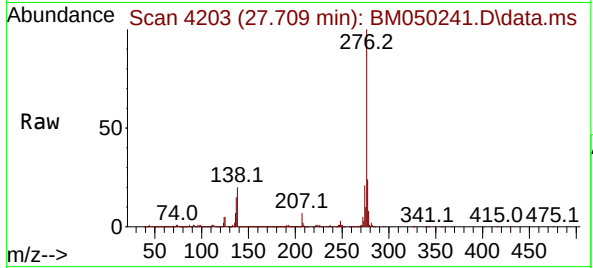
Tgt Ion:264 Resp: 1346663
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.7 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.431 ng
RT: 27.709 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

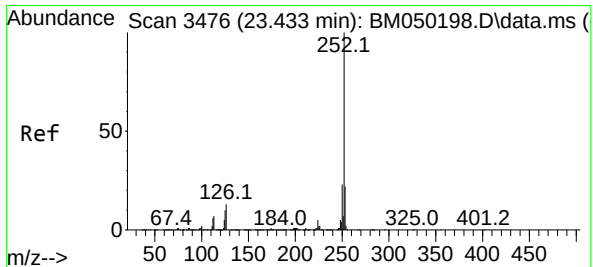
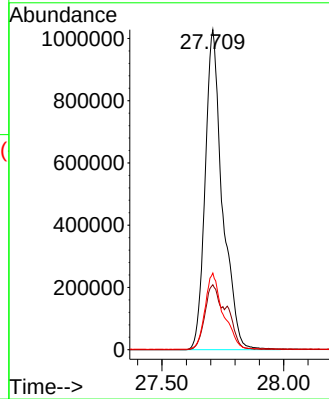
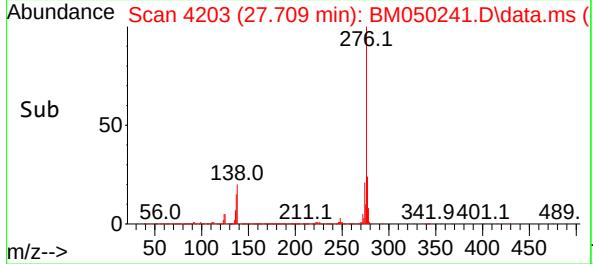
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:276 Resp: 506644
Ion Ratio Lower Upper
276 100
138 18.8 20.6 30.8
277 24.7 19.8 29.6

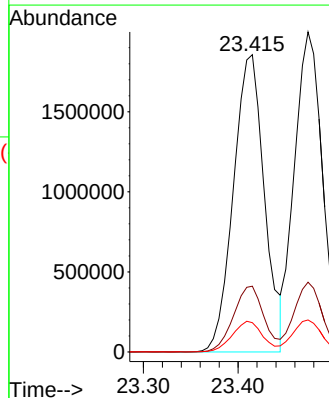
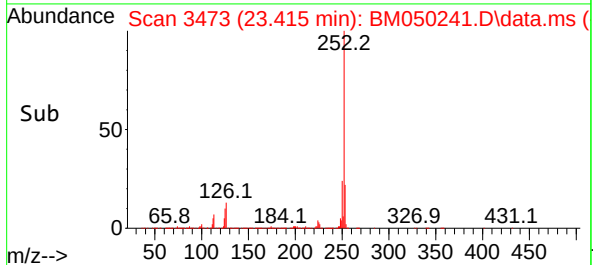
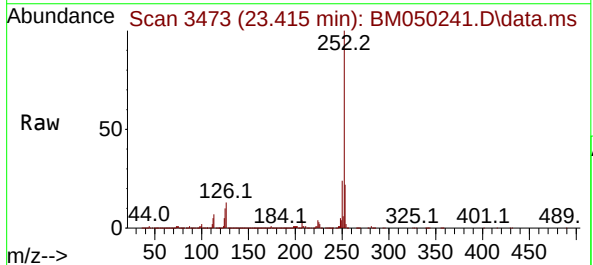
Manual Integrations
APPROVED

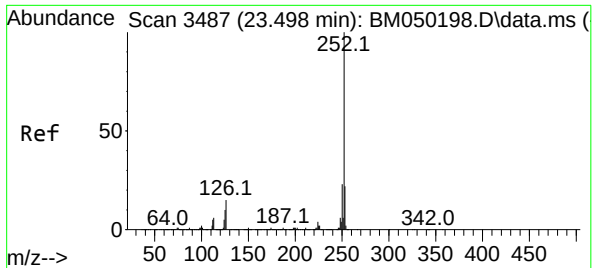
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#88
Benzo(b)fluoranthene
Concen: 53.897 ng
RT: 23.415 min Scan# 3473
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

Tgt Ion:252 Resp: 4219935
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 51.842 ng

RT: 23.474 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA_M

ClientSampleId :

GSB3MS

Tgt Ion:252 Resp: 414364

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

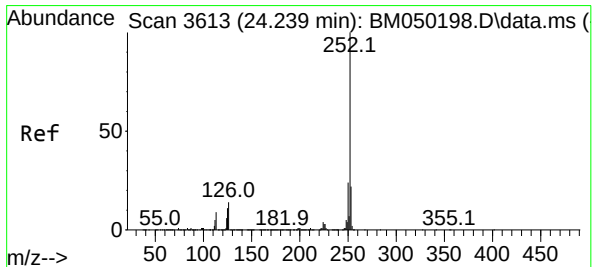
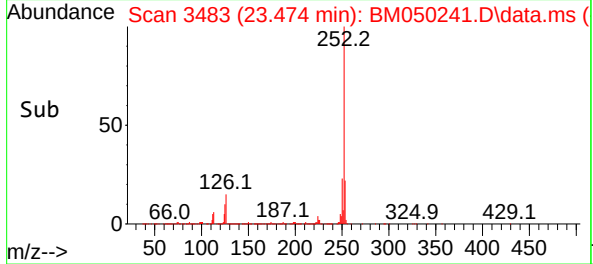
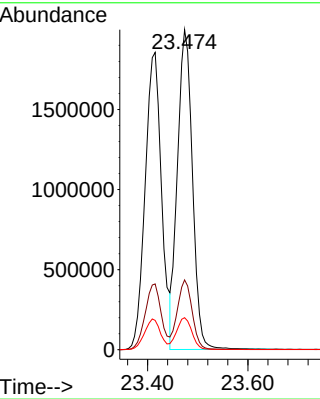
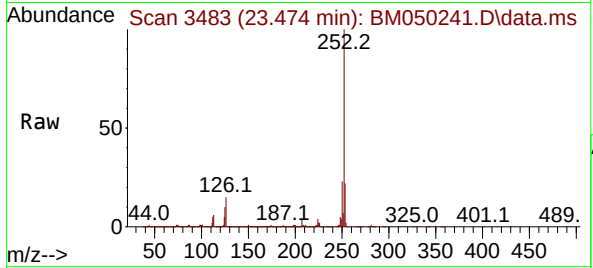
125 10.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 54.859 ng

RT: 24.209 min Scan# 3608

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

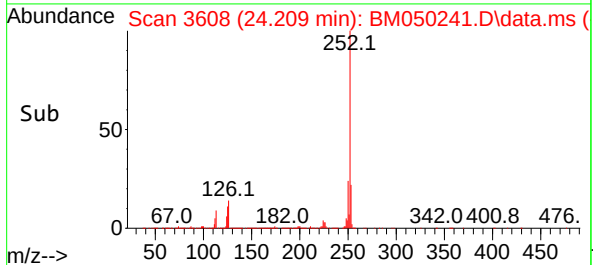
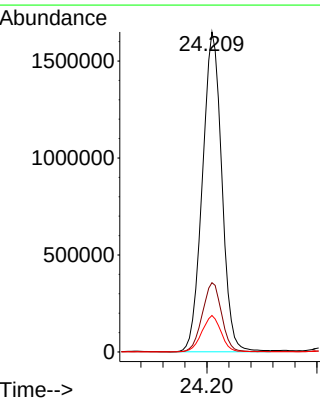
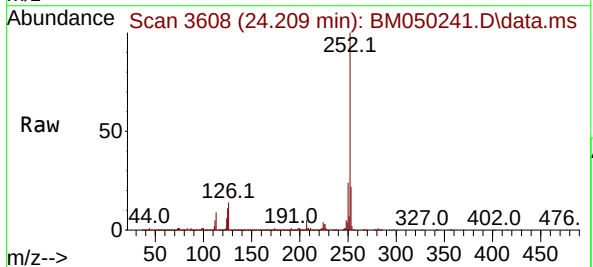
Tgt Ion:252 Resp: 4038417

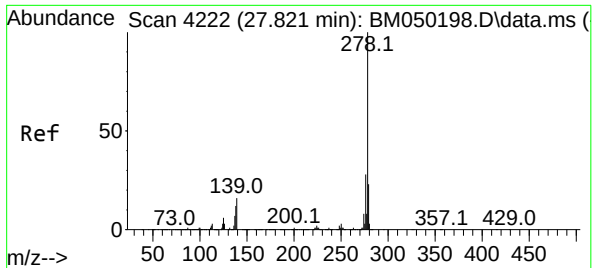
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

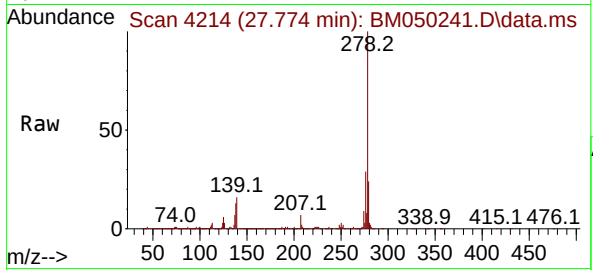
125 11.4 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 58.744 ng
RT: 27.774 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

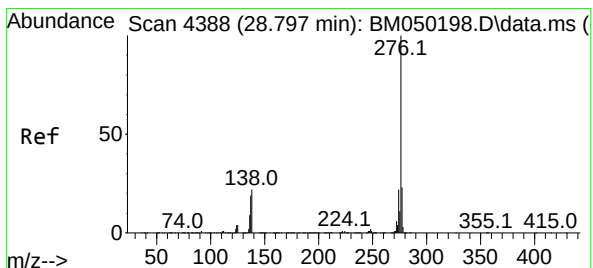
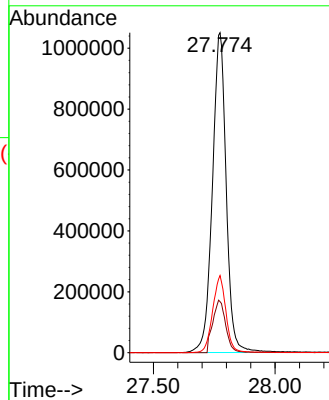
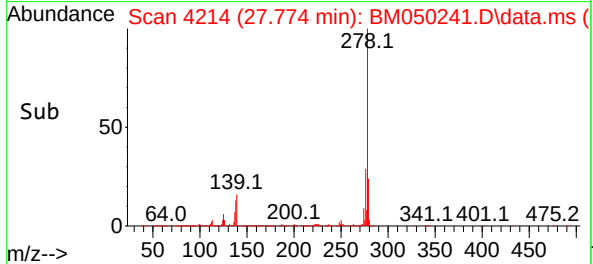
Instrument :
BNA_M
ClientSampleId :
GSB3MS



Tgt Ion:278 Resp: 413448
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 24.1 18.6 28.0

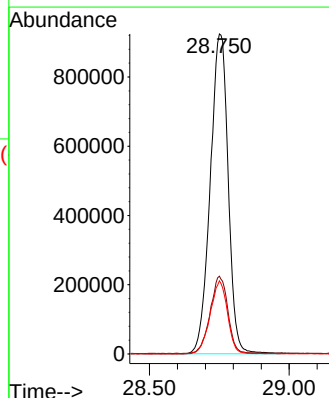
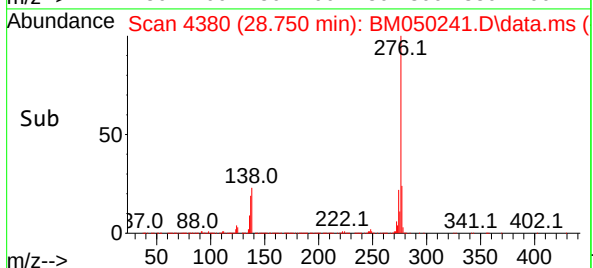
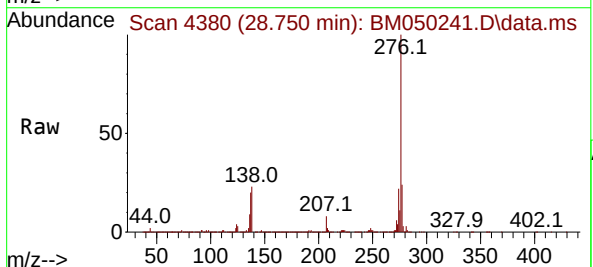
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#92
Benzo(g,h,i)perylene
Concen: 58.404 ng
RT: 28.750 min Scan# 4380
Delta R.T. 0.000 min
Lab File: BM050241.D
Acq: 09 Jun 2025 14:08

Tgt Ion:276 Resp: 4114165
Ion Ratio Lower Upper
276 100
277 24.3 18.6 27.8
138 22.9 17.8 26.6



Report of Analysis

Client:	G Environmental	Date Collected:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB3MSD	SDG No.:	Q2125
Lab Sample ID:	Q2125-08MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
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
BM050242.D	1	06/06/25 09:15	06/09/25 14:47	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	59.1		0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	170	E	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	92.0		30 (67) - 130 (132)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.8		30 (52) - 130 (132)	86%	SPK: 100
1718-51-0	Terphenyl-d14	93.9		30 (42) - 130 (152)	94%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	282000	7.769			
1146-65-2	Naphthalene-d8	1110000	10.557			
15067-26-2	Acenaphthene-d10	645000	14.398			
1517-22-2	Phenanthrene-d10	1200000	17.139			
1719-03-5	Chrysene-d12	1180000	21.368			
1520-96-3	Perylene-d12	1240000	24.344			

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_M\Data\BM060925\
 Data File : BM050242.D
 Acq On : 09 Jun 2025 14:47
 Operator : RC/JU
 Sample : Q2125-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GSB3MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:20:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	281877	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1107266	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	644595	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1197069	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1175824	20.000	ng	0.00
86) Perylene-d12	24.344	264	1237452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1211116	71.674	ng	0.00
7) Phenol-d6	6.928	99	1030995	46.349	ng	0.00
23) Nitrobenzene-d5	8.916	82	1959264	92.026	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1167405	159.225	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4087466	85.850	ng	0.00
79) Terphenyl-d14	19.768	244	5823501	93.855	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	136315	18.404	ng	99
3) Pyridine	3.669	79	334703	17.449	ng	99
4) n-Nitrosodimethylamine	3.575	42	83869	21.145	ng	# 91
6) Aniline	7.092	93	693378	23.579	ng	99
8) 2-Chlorophenol	7.334	128	785509	42.262	ng	99
9) Benzaldehyde	6.904	77	505297	35.729	ng	97
10) Phenol	6.957	94	381059	16.191	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	908767	48.005	ng	98
12) 1,3-Dichlorobenzene	7.657	146	893261	42.989	ng	99
13) 1,4-Dichlorobenzene	7.804	146	923145	42.700	ng	99
14) 1,2-Dichlorobenzene	8.116	146	911084	44.206	ng	99
15) Benzyl Alcohol	7.998	79	535429	33.748	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	635679	48.338	ng	99
17) 2-Methylphenol	8.204	107	559356	36.019	ng	99
18) Hexachloroethane	8.845	117	435909	55.677	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	671445	49.326	ng	99
20) 3+4-Methylphenols	8.533	107	675295	32.503	ng	99
22) Acetophenone	8.581	105	1531014	55.346	ng	97
24) Nitrobenzene	8.957	77	977949	50.506	ng	99
25) Isophorone	9.486	82	1898052	51.652	ng	99
26) 2-Nitrophenol	9.669	139	451831	54.058	ng	99
27) 2,4-Dimethylphenol	9.733	122	817519	47.603	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1220579	50.845	ng	100
29) 2,4-Dichlorophenol	10.204	162	807193	50.791	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	865818	48.958	ng	99
31) Naphthalene	10.604	128	3384046	59.112	ng	99
32) Benzoic acid	9.810	122	176121	16.318	ng	95
33) 4-Chloroaniline	10.704	127	667566	27.351	ng	99
34) Hexachlorobutadiene	10.904	225	513215	48.788	ng	99
35) Caprolactam	11.486	113	50996	10.121	ng	92
36) 4-Chloro-3-methylphenol	11.833	107	802313	47.312	ng	98
37) 2-Methylnaphthalene	12.221	142	5947123	172.199	ng	99
38) 1-Methylnaphthalene	12.439	142	4887345	133.330	ng	100
40) 1,2,4,5-Tetrachloroben...	12.592	216	953327	51.218	ng	99
41) Hexachlorocyclopentadiene	12.580	237	1057601	93.561	ng	98
43) 2,4,6-Trichlorophenol	12.827	196	659289	53.862	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050242.D
 Acq On : 09 Jun 2025 14:47
 Operator : RC/JU
 Sample : Q2125-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:20:18 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	710689	52.881	ng	99
46) 1,1'-Biphenyl	13.233	154	2517319	52.155	ng	99
47) 2-Chloronaphthalene	13.274	162	1902019	50.688	ng	99
48) 2-Nitroaniline	13.468	65	493666	59.783	ng	98
49) Acenaphthylene	14.121	152	3125267	51.493	ng	98
50) Dimethylphthalate	13.863	163	2309291	52.973	ng	99
51) 2,6-Dinitrotoluene	13.968	165	475465	54.083	ng	94
52) Acenaphthene	14.463	154	2356807m	62.083	ng	
53) 3-Nitroaniline	14.292	138	272471	27.809	ng	98
54) 2,4-Dinitrophenol	14.498	184	581083	123.046	ng	96
55) Dibenzofuran	14.798	168	3107541	55.953	ng	98
56) 4-Nitrophenol	14.604	139	383346	45.968	ng	92
57) 2,4-Dinitrotoluene	14.757	165	692300	59.696	ng	# 95
58) Fluorene	15.445	166	2556767	60.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	622482	53.535	ng	91
60) Diethylphthalate	15.227	149	2438141	56.368	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1080680	52.566	ng	98
62) 4-Nitroaniline	15.457	138	475975	51.830	ng	97
63) Azobenzene	15.739	77	2230978	51.604	ng	96
65) 4,6-Dinitro-2-methylph...	15.515	198	376940	57.652	ng	99
66) n-Nitrosodiphenylamine	15.657	169	2023507	53.798	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	697999	54.679	ng	99
68) Hexachlorobenzene	16.451	284	789740	52.951	ng	96
69) Atrazine	16.609	200	702108	58.585	ng	98
70) Pentachlorophenol	16.786	266	1106939	114.156	ng	100
71) Phenanthrene	17.180	178	4099259	59.944	ng	99
72) Anthracene	17.268	178	3582894	52.373	ng	100
73) Carbazole	17.533	167	3368785	54.052	ng	100
74) Di-n-butylphthalate	18.115	149	4343044	64.044	ng	100
75) Fluoranthene	19.192	202	3982272	55.220	ng	99
77) Benzidine	19.374	184	665705	20.133	ng	99
78) Pyrene	19.556	202	4214773	53.183	ng	100
80) Butylbenzylphthalate	20.468	149	1809144	68.437	ng	99
81) Benzo(a)anthracene	21.350	228	3971807	53.367	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	1179338	51.963	ng	99
83) Chrysene	21.415	228	3707097	52.364	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2791744	68.560	ng	100
85) Di-n-octyl phthalate	22.433	149	4554629	75.379	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	4614589	57.916	ng	100
88) Benzo(b)fluoranthene	23.409	252	3972361	55.213	ng	99
89) Benzo(k)fluoranthene	23.474	252	3838081	52.257	ng	99
90) Benzo(a)pyrene	24.209	252	3724602	55.061	ng	99
91) Dibenzo(a,h)anthracene	27.768	278	3769168	58.279	ng	99
92) Benzo(g,h,i)perylene	28.744	276	3759055	58.072	ng	99

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

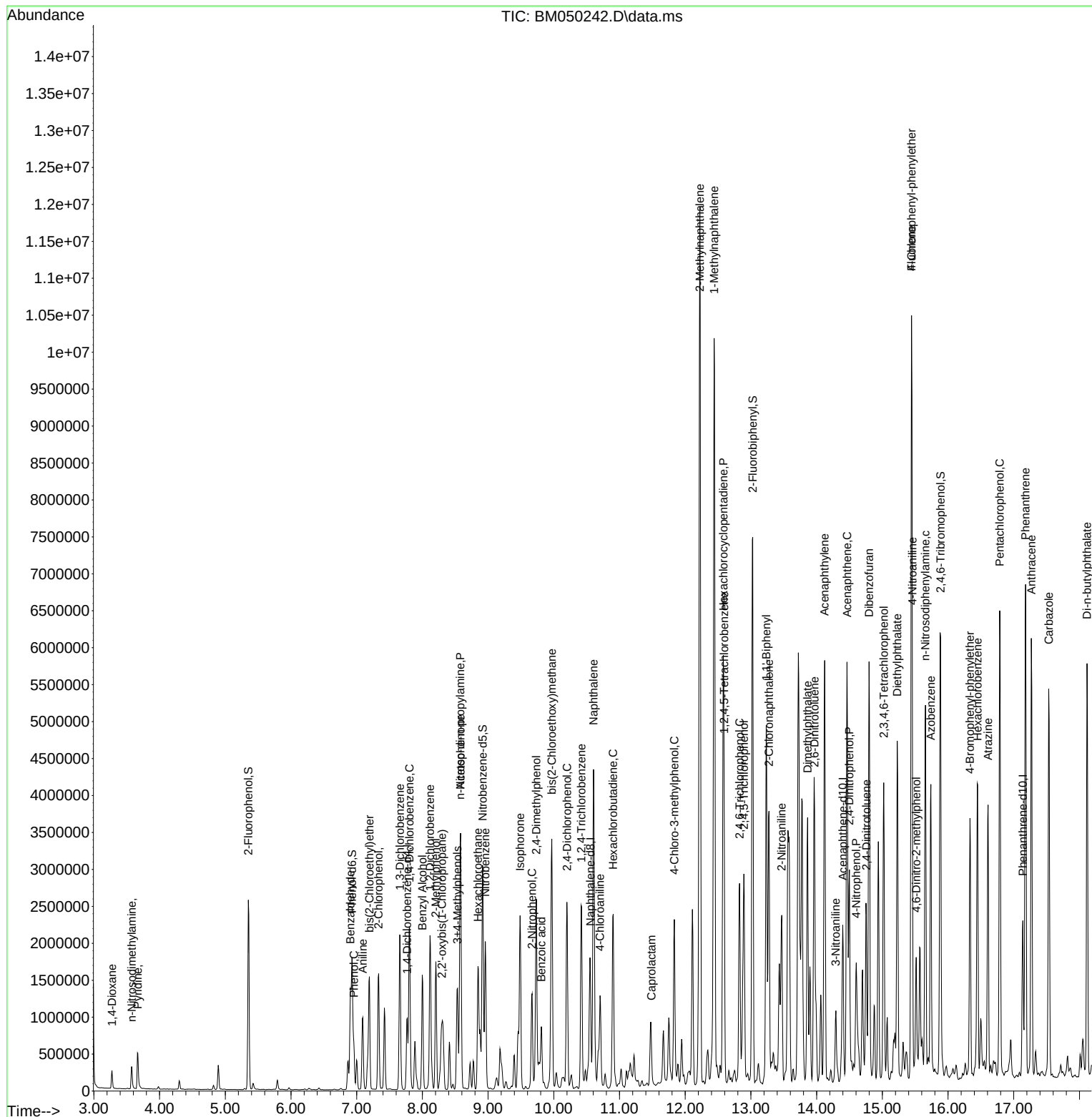
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Acq On    : 09 Jun 2025  14:47  
Operator  : RC/JU  
Sample    : Q2125-08MSD  
Misc      :  
ALS Vial  : 8    Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



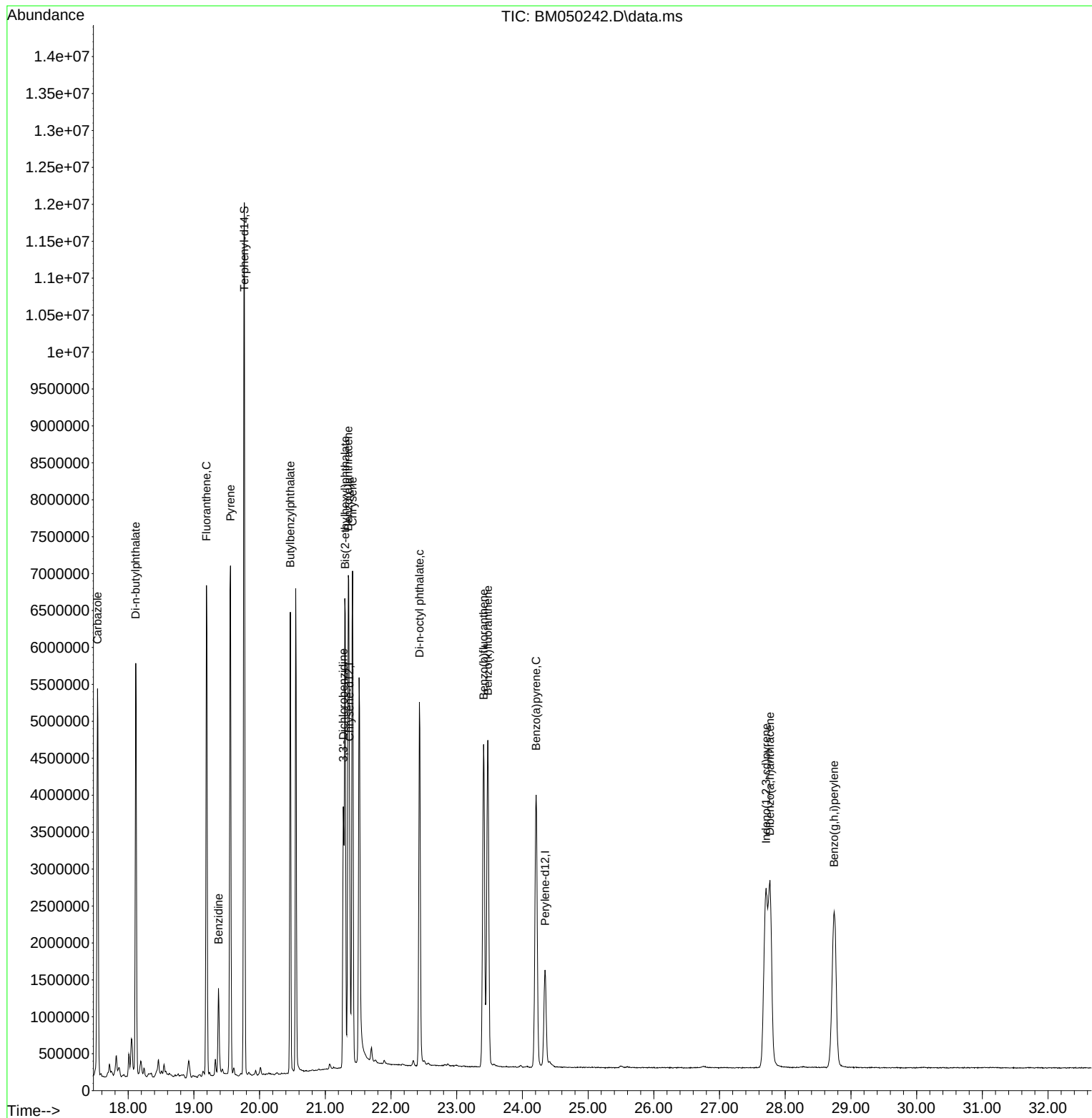
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Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

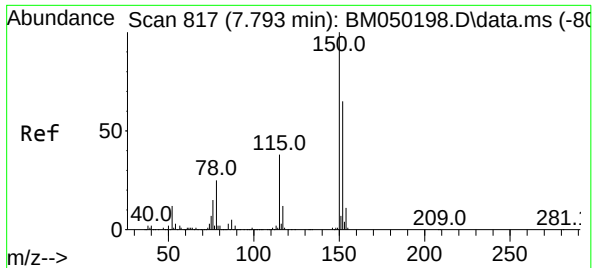
Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration





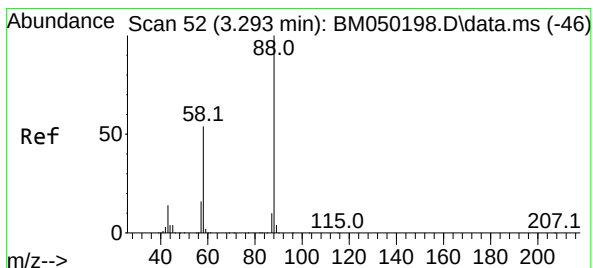
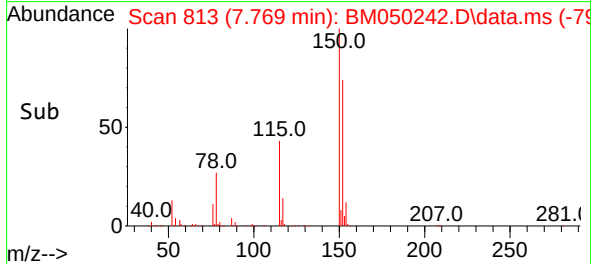
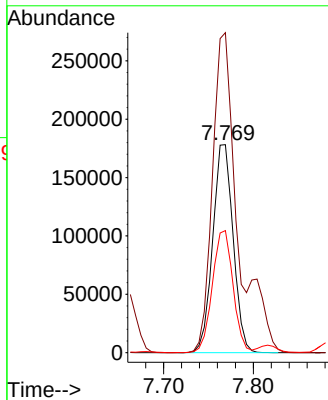
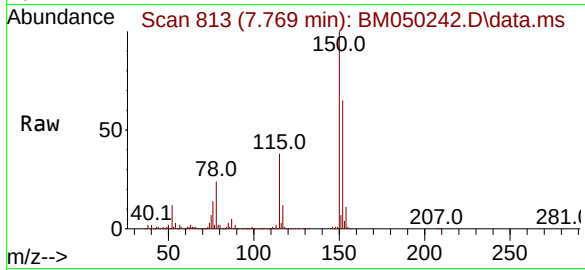
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Tgt Ion:152 Resp: 28187
Ion Ratio Lower Upper
152 100
150 153.8 122.2 183.4
115 58.6 46.3 69.5

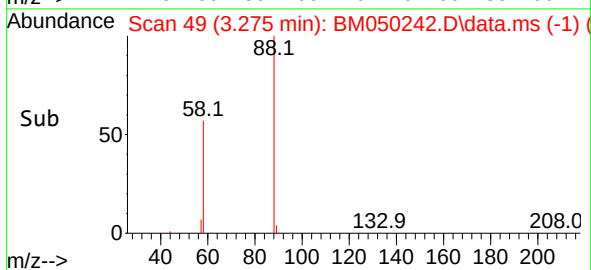
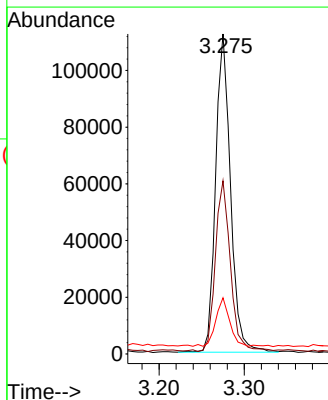
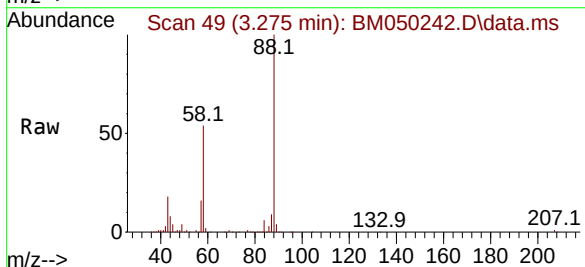
Manual Integrations
APPROVED

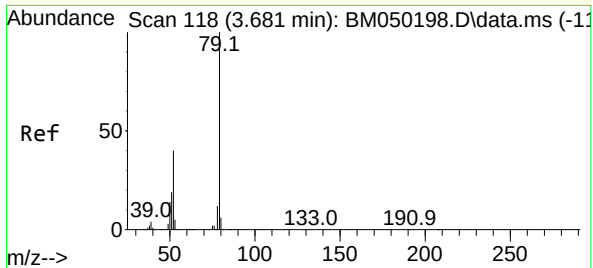
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 18.404 ng
RT: 3.275 min Scan# 49
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

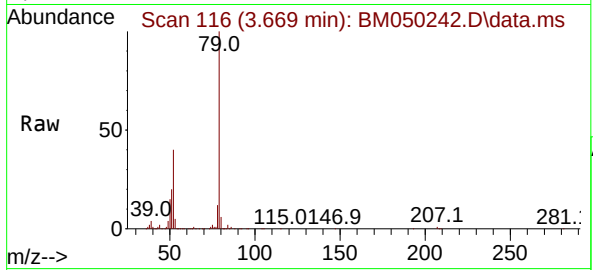
Tgt Ion: 88 Resp: 136315
Ion Ratio Lower Upper
88 100
58 53.5 42.9 64.3
43 14.9 11.0 16.6





#3
Pyridine
Concen: 17.449 ng
RT: 3.669 min Scan# 111
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

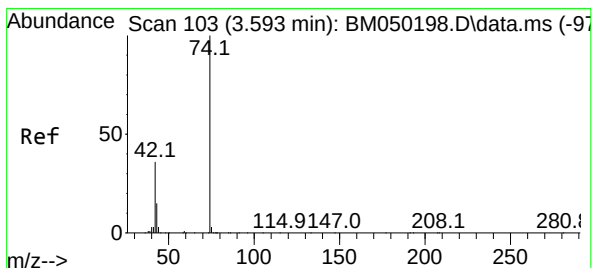
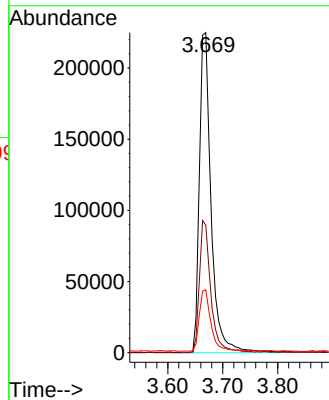
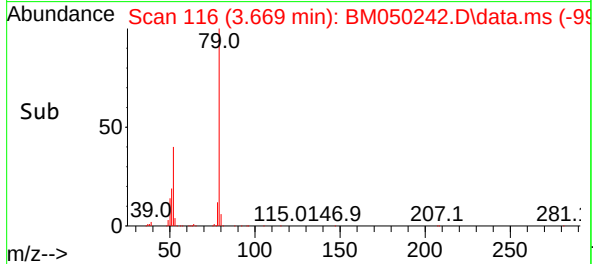
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion: 79 Resp: 33470
Ion Ratio Lower Upper
79 100
52 39.8 32.1 48.1
51 19.7 15.4 23.0

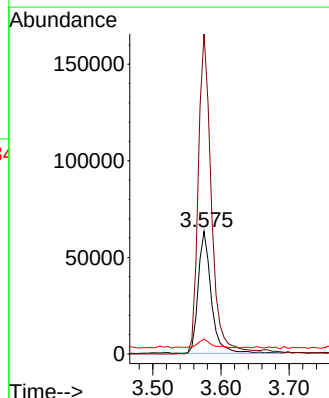
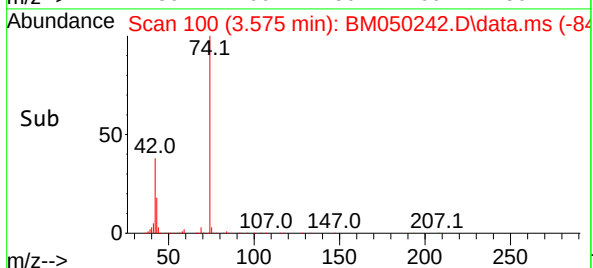
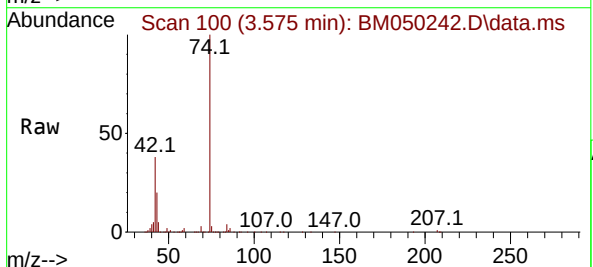
Manual Integrations
APPROVED

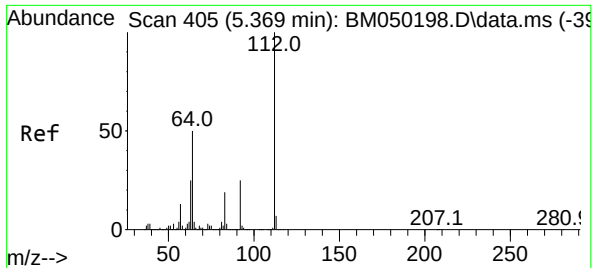
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#4
n-Nitrosodimethylamine
Concen: 21.145 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

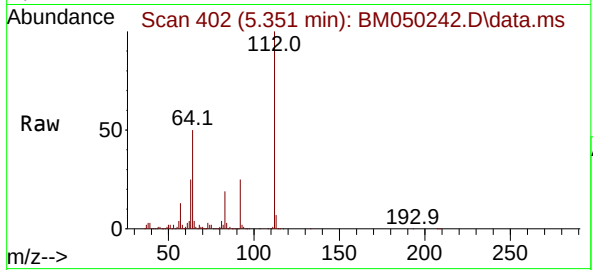
Tgt Ion: 42 Resp: 83869
Ion Ratio Lower Upper
42 100
74 261.2 222.0 333.0
44 12.1 7.0 10.6





#5
2-Fluorophenol
Concen: 71.674 ng
RT: 5.351 min Scan# 405
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

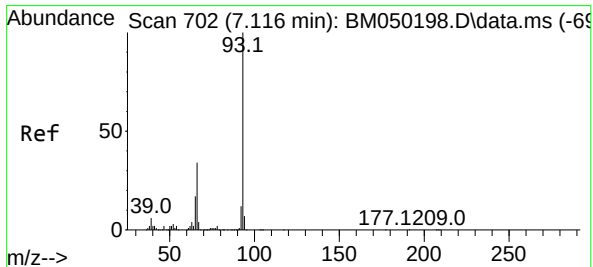
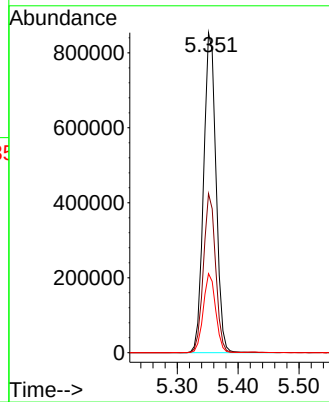
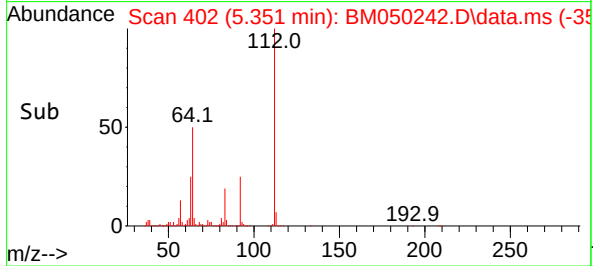
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:112 Resp: 1211110
Ion Ratio Lower Upper
112 100
64 49.7 39.8 59.6
63 24.7 19.8 29.8

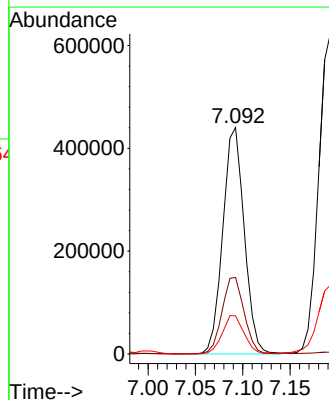
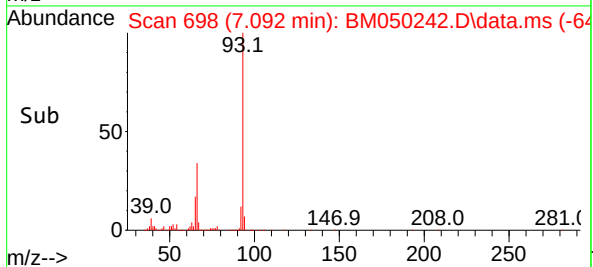
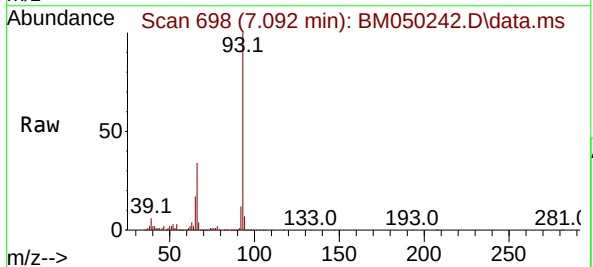
Manual Integrations
APPROVED

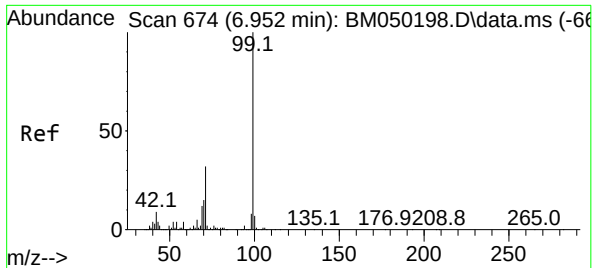
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 23.579 ng
RT: 7.092 min Scan# 698
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

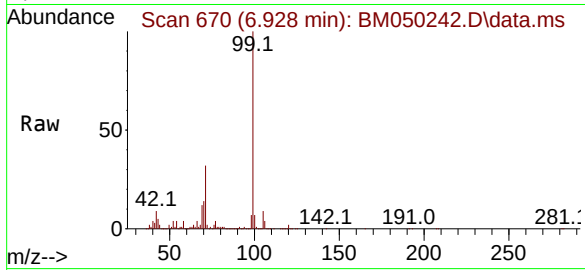
Tgt Ion: 93 Resp: 693378
Ion Ratio Lower Upper
93 100
66 33.8 27.4 41.2
65 16.8 13.6 20.4





#7
Phenol-d6
Concen: 46.349 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

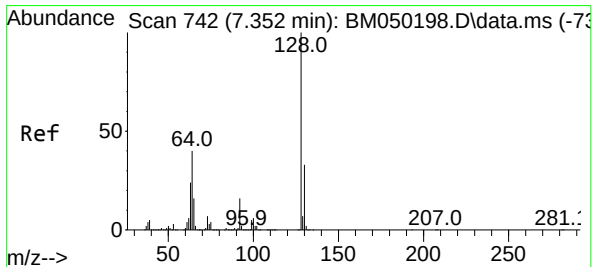
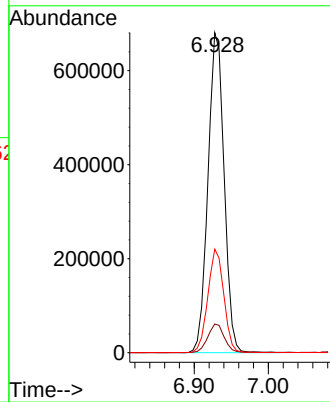
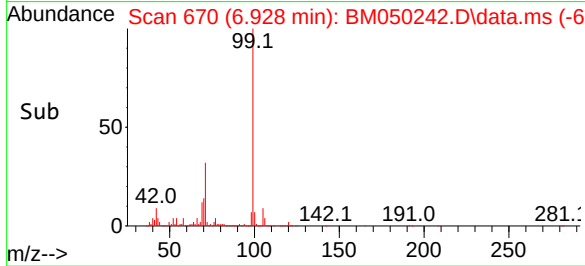
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion: 99 Resp: 103099
Ion Ratio Lower Upper
99 100
42 9.0 6.9 10.3
71 32.3 25.3 37.9

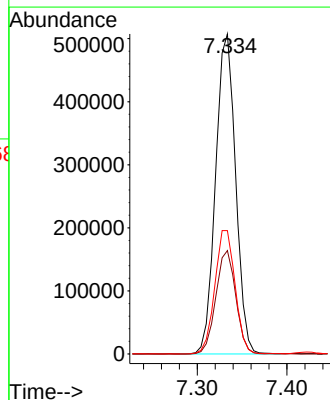
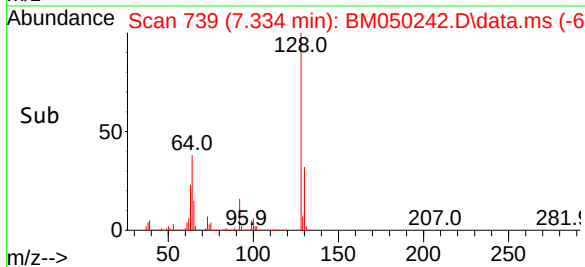
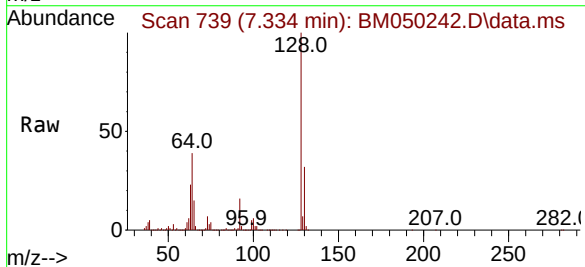
Manual Integrations
APPROVED

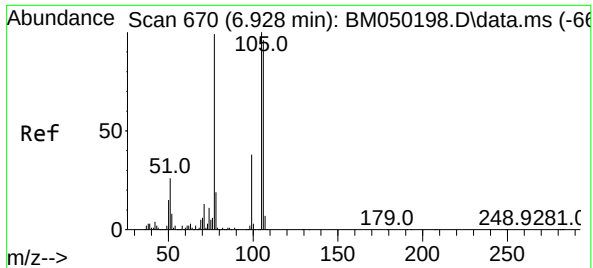
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#8
2-Chlorophenol
Concen: 42.262 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

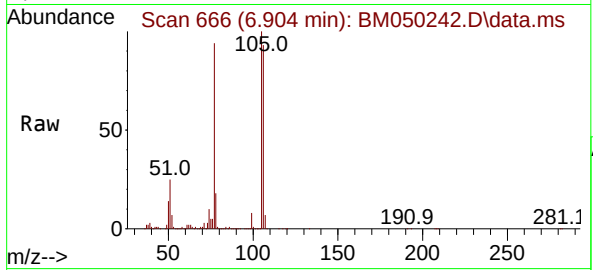
Tgt Ion:128 Resp: 785509
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 38.5 19.8 59.8





#9
Benzaldehyde
Concen: 35.729 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

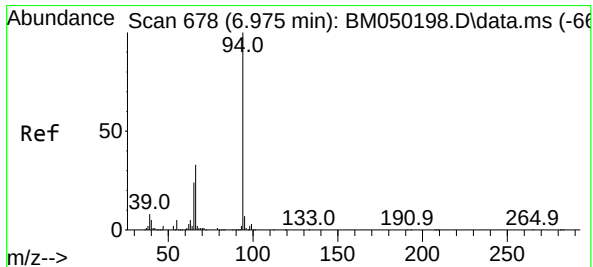
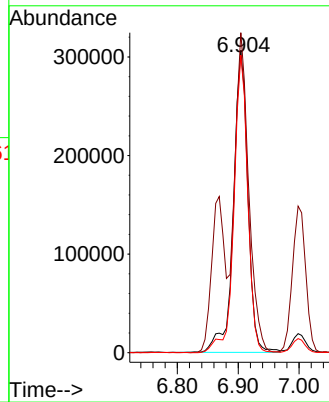
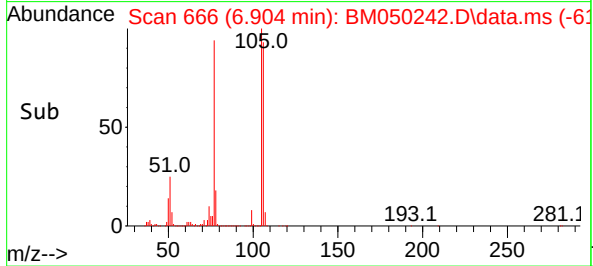
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion: 77 Resp: 50529
Ion Ratio Lower Upper
77 100
105 105.9 80.9 120.9
106 98.4 77.1 117.1

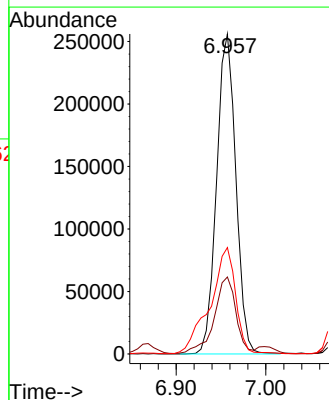
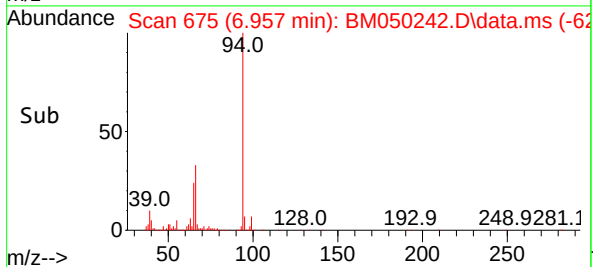
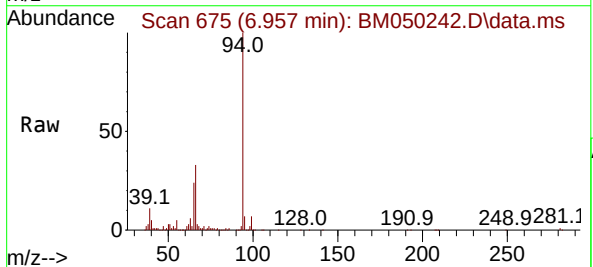
Manual Integrations
APPROVED

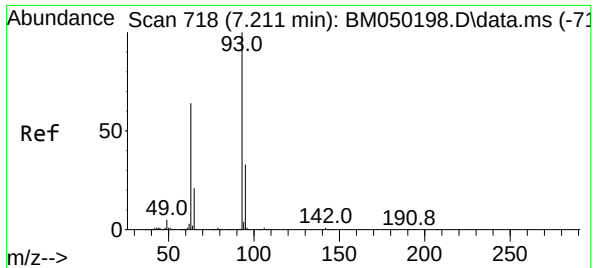
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 16.191 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

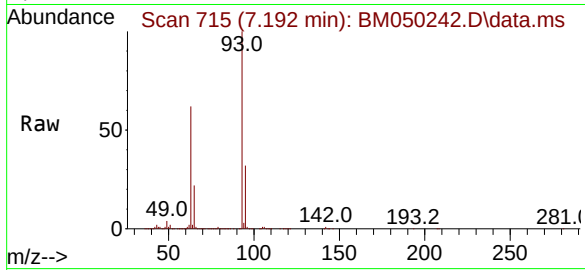
Tgt Ion: 94 Resp: 381059
Ion Ratio Lower Upper
94 100
65 24.1 4.3 44.3
66 33.3 12.9 52.9





#11
bis(2-Chloroethyl)ether
Concen: 48.005 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

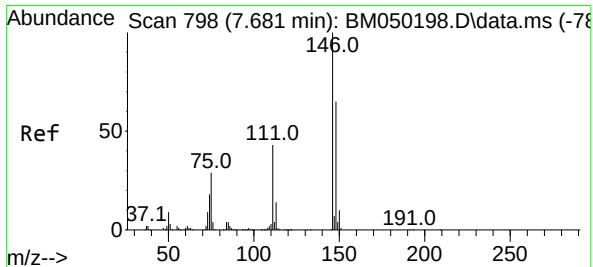
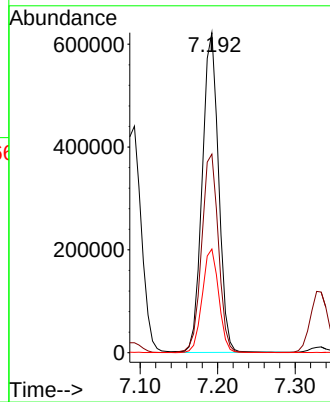
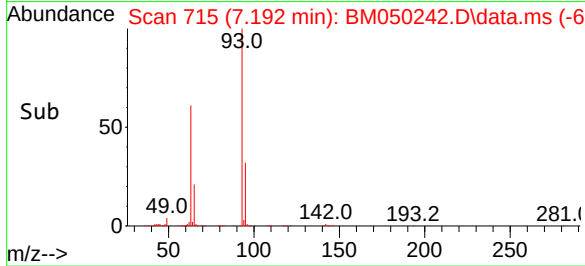
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion: 93 Resp: 90876
Ion Ratio Lower Upper
93 100
63 62.0 43.9 83.9
95 32.4 12.7 52.7

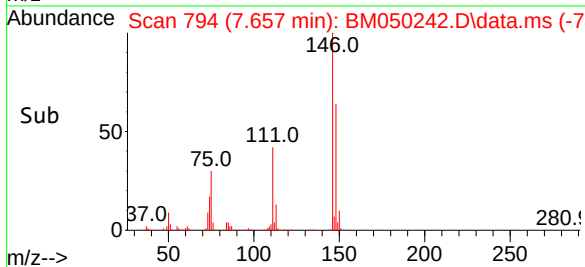
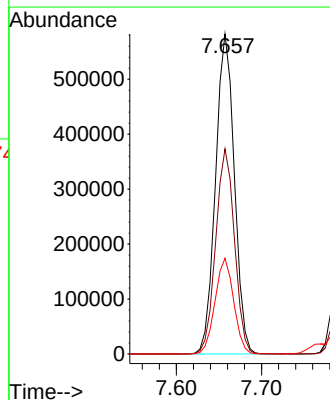
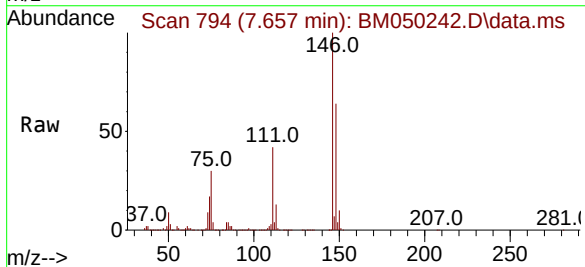
Manual Integrations
APPROVED

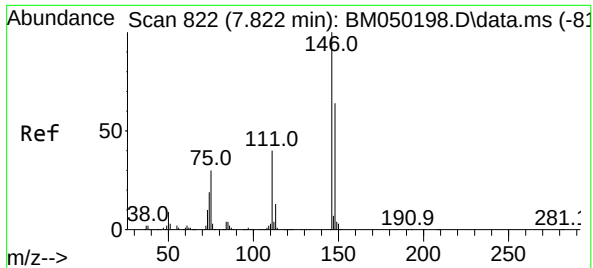
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#12
1,3-Dichlorobenzene
Concen: 42.989 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

Tgt Ion:146 Resp: 893261
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 29.9 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 42.700 ng

RT: 7.804 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion:146 Resp: 92314

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

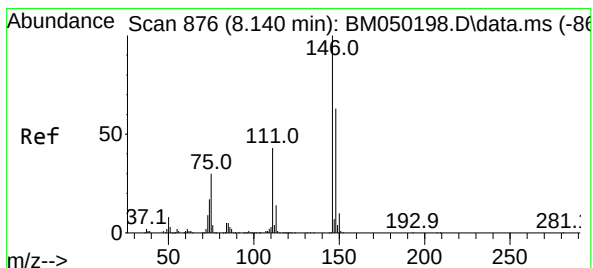
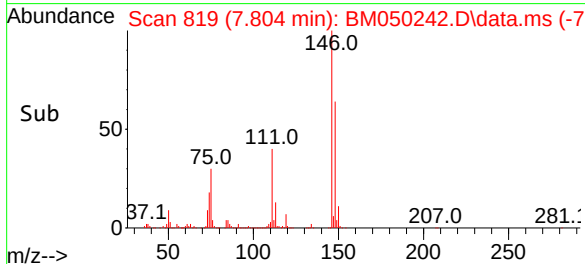
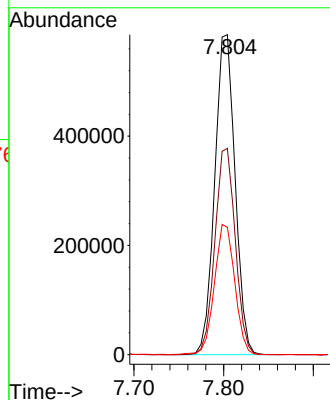
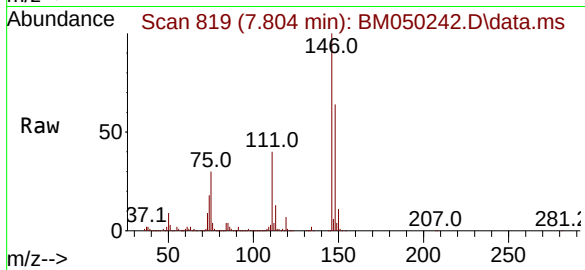
111 39.8 32.3 48.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#14

1,2-Dichlorobenzene

Concen: 44.206 ng

RT: 8.116 min Scan# 872

Delta R.T. -0.006 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

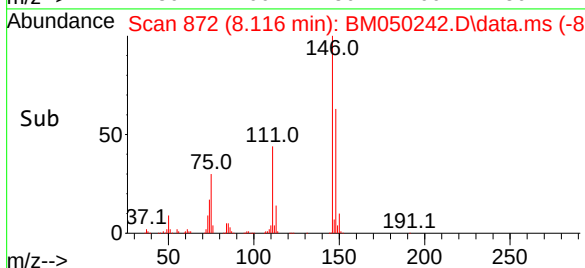
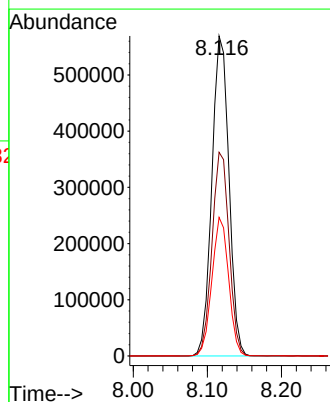
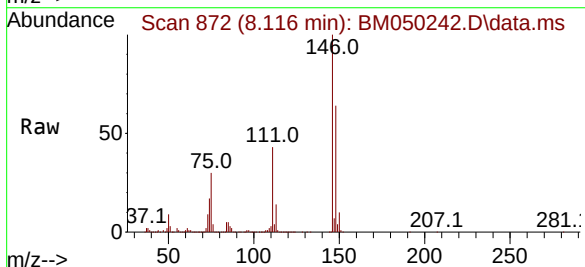
Tgt Ion:146 Resp: 911084

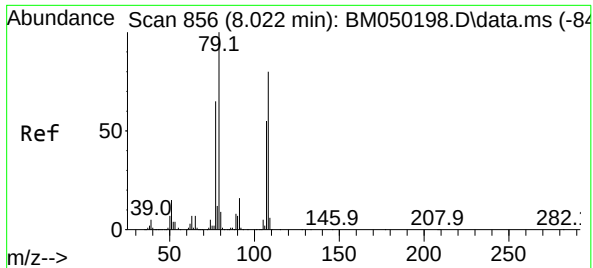
Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

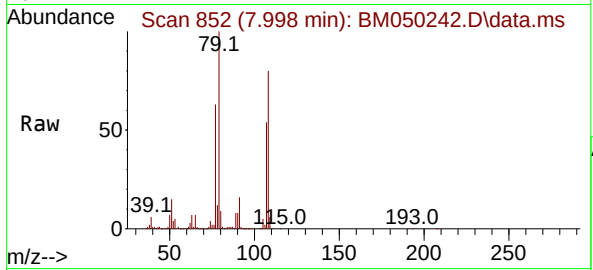
111 43.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 33.748 ng
RT: 7.998 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

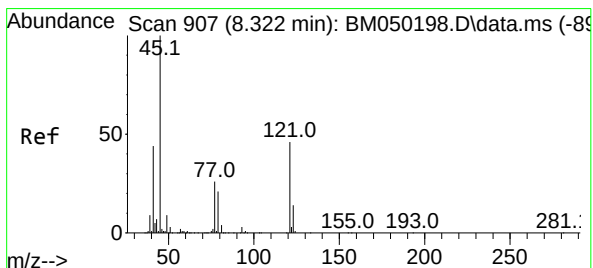
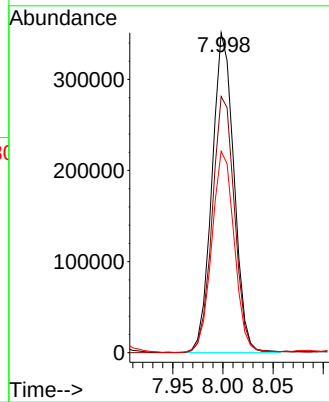
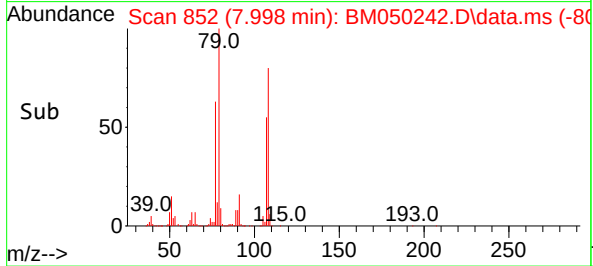
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



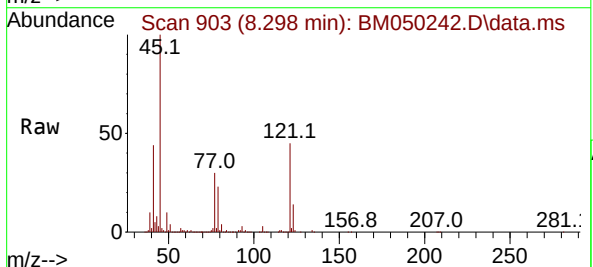
Tgt Ion: 79 Resp: 535429
Ion Ratio Lower Upper
79 100
108 80.1 64.0 96.0
77 63.0 52.2 78.2

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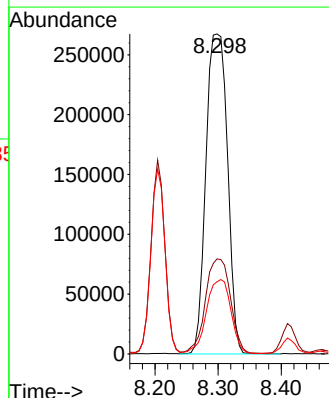
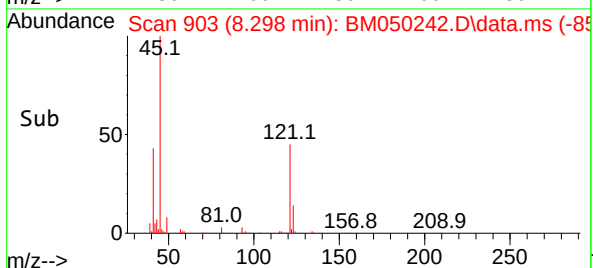
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

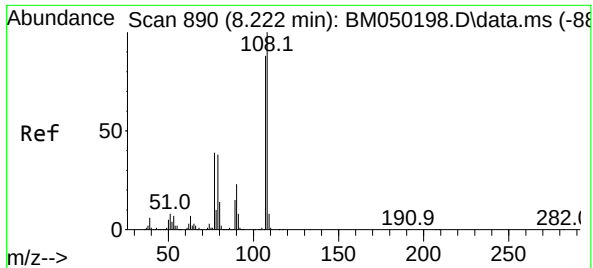


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.338 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



Tgt Ion: 45 Resp: 635679
Ion Ratio Lower Upper
45 100
77 29.7 8.7 48.7
79 22.6 2.7 42.7





#17

2-Methylphenol

Concen: 36.019 ng

RT: 8.204 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050242.D

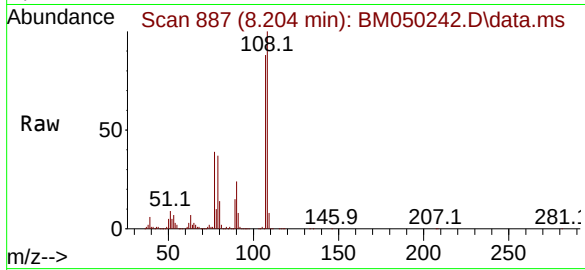
Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD



Tgt Ion:107 Resp: 559350

Ion Ratio Lower Upper

107 100

108 113.3 90.8 136.2

77 44.2 35.7 53.5

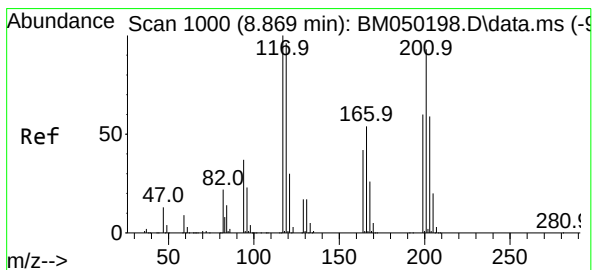
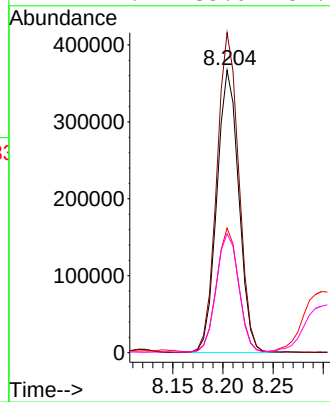
79 42.1 35.0 52.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#18

Hexachloroethane

Concen: 55.677 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.006 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

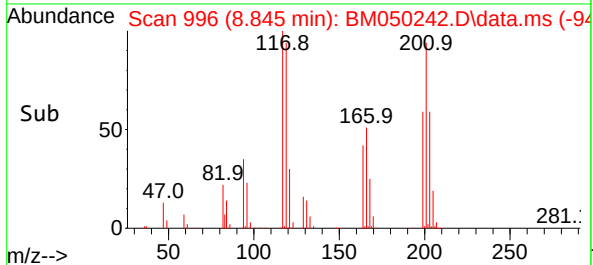
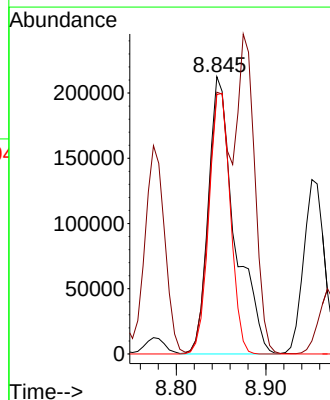
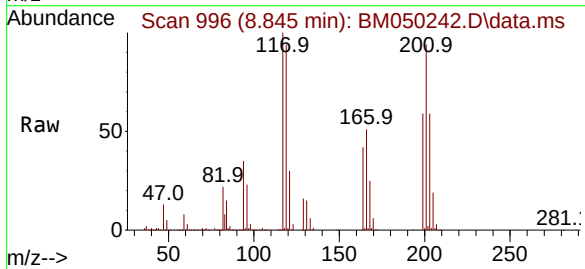
Tgt Ion:117 Resp: 435909

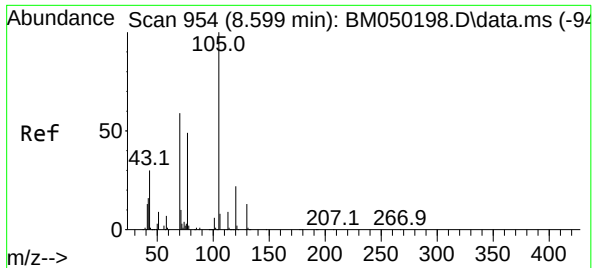
Ion Ratio Lower Upper

117 100

119 94.4 77.0 115.6

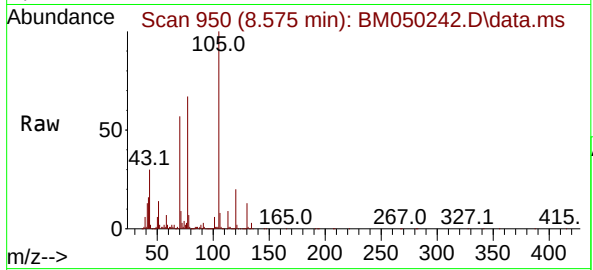
201 93.5 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 49.326 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

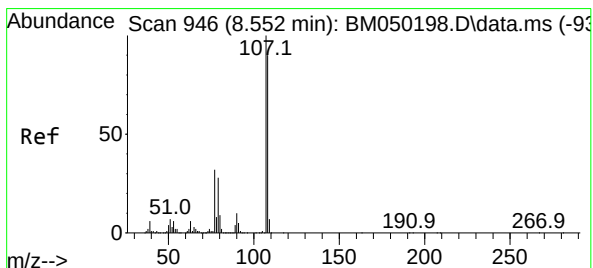
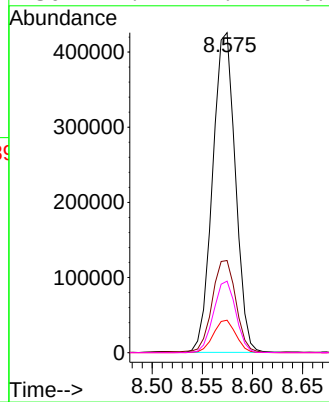
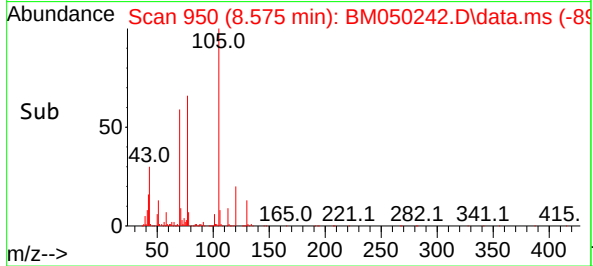
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



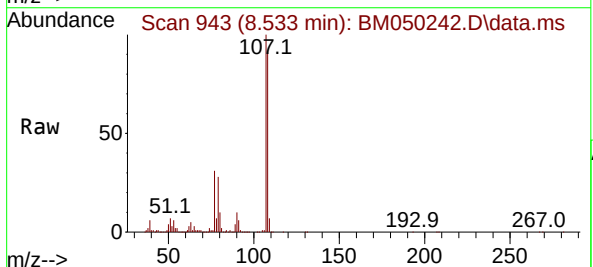
Tgt Ion: 70 Resp: 67144
Ion Ratio Lower Upper
70 100
42 28.8 22.6 33.8
101 10.2 8.3 12.5
130 22.4 17.4 26.2

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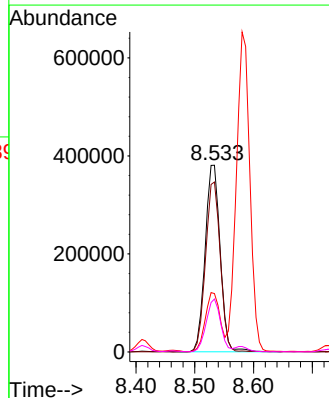
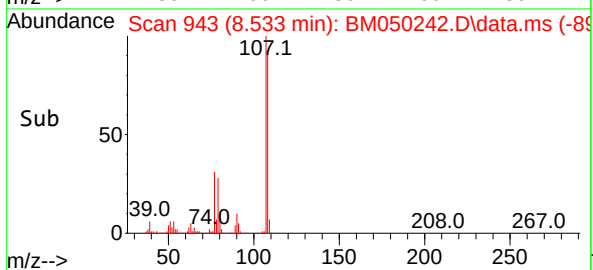
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

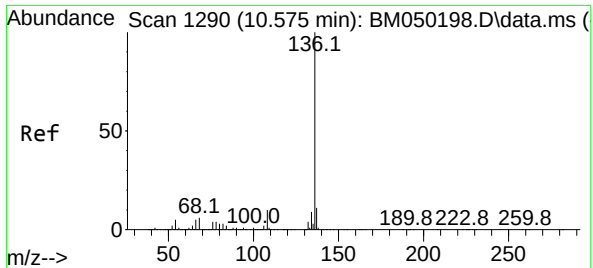


#20
3+4-Methylphenols
Concen: 32.503 ng
RT: 8.533 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



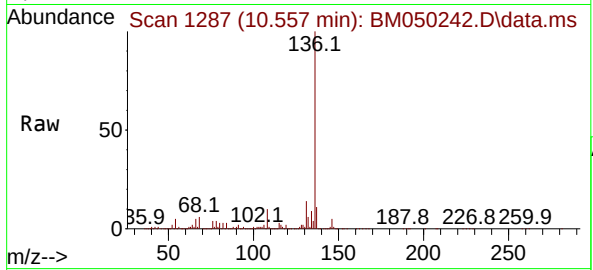
Tgt Ion:107 Resp: 675295
Ion Ratio Lower Upper
107 100
108 90.9 70.4 110.4
77 31.2 12.2 52.2
79 28.4 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

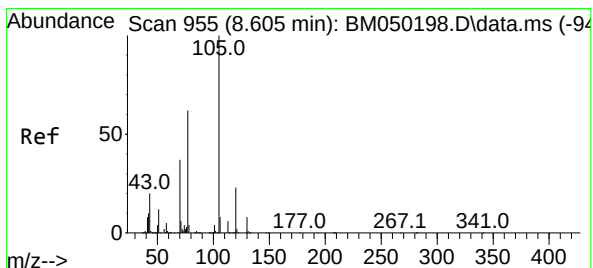
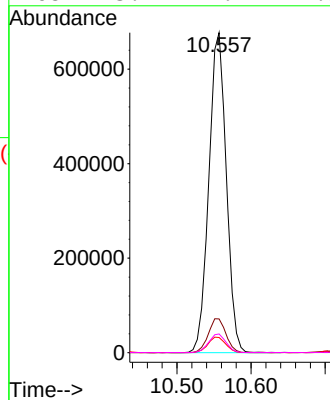
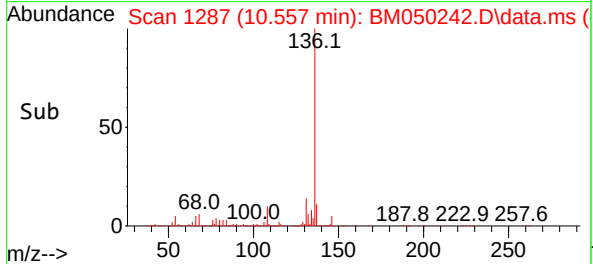
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:136 Resp: 1107260
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 4.7 3.8 5.8
68 5.9 4.9 7.3

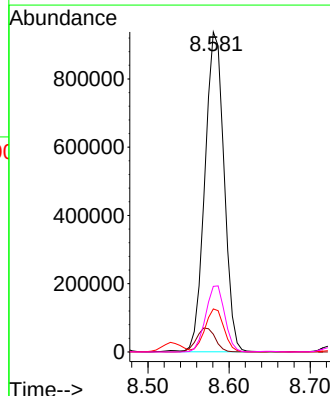
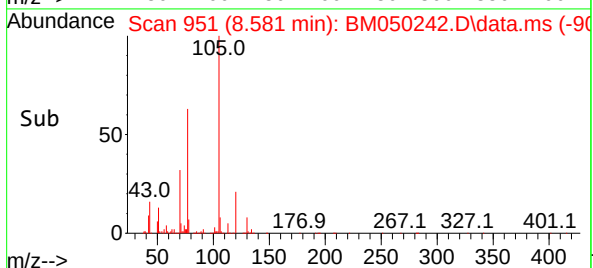
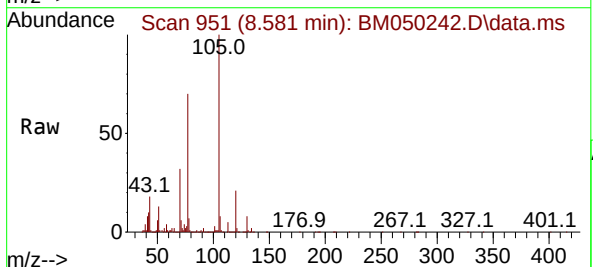
Manual Integrations
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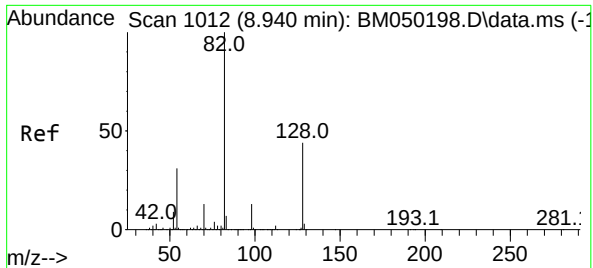
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#22
Acetophenone
Concen: 55.346 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

Tgt Ion:105 Resp: 1531014
Ion Ratio Lower Upper
105 100
71 5.6 5.0 7.4
51 13.4 11.4 17.2
120 20.5 18.2 27.4





#23

Nitrobenzene-d5

Concen: 92.026 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion: 82 Resp: 1959264

Ion Ratio Lower Upper

82 100

128 44.0 35.2 52.8

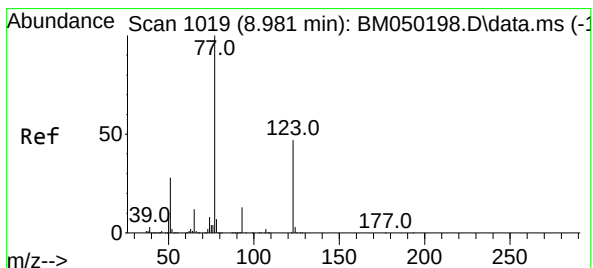
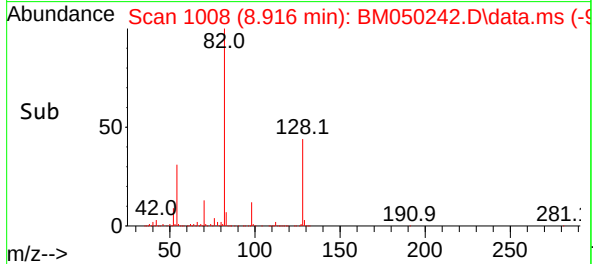
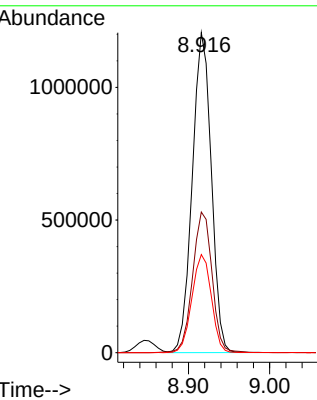
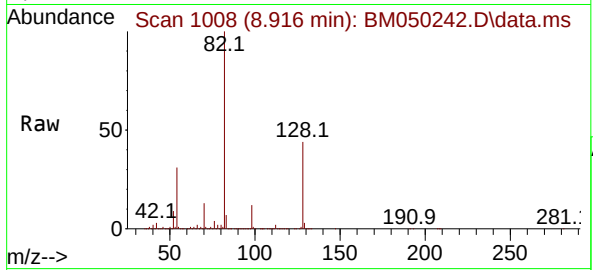
54 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#24

Nitrobenzene

Concen: 50.506 ng

RT: 8.957 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

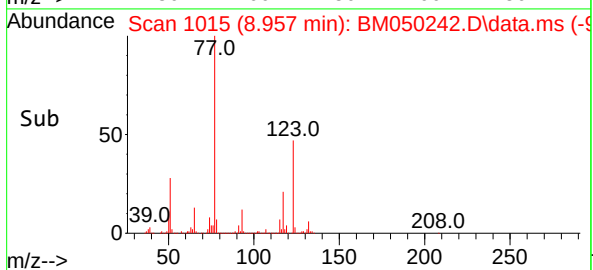
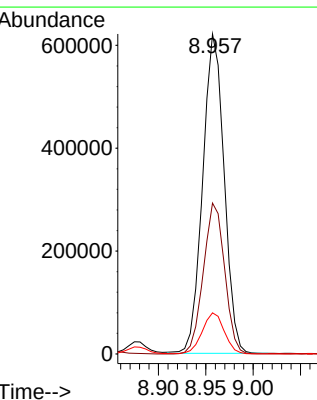
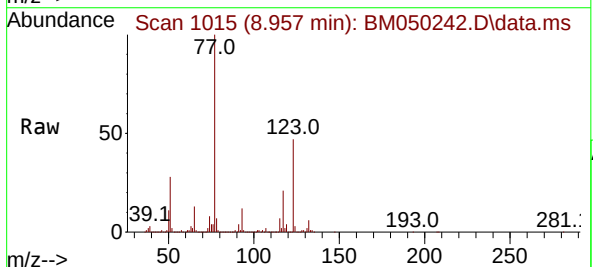
Tgt Ion: 77 Resp: 977949

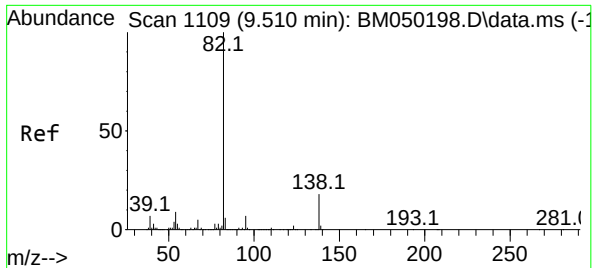
Ion Ratio Lower Upper

77 100

123 47.1 38.2 57.2

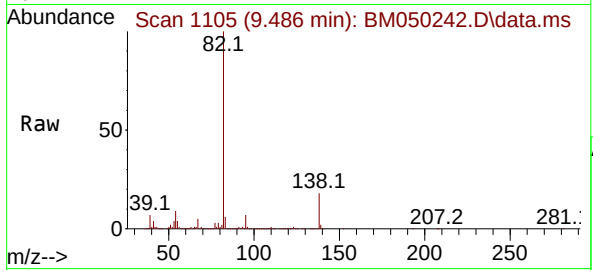
65 12.9 9.5 14.3





#25
Isophorone
Concen: 51.652 ng
RT: 9.486 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

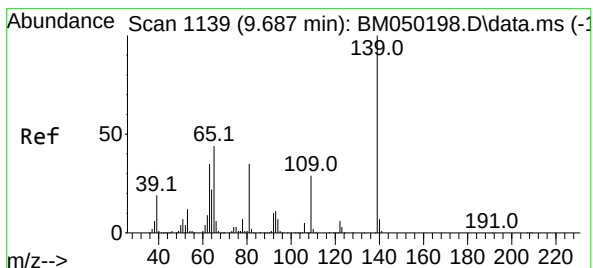
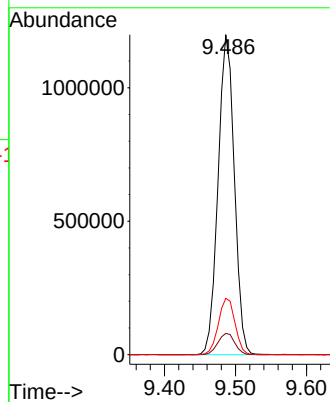
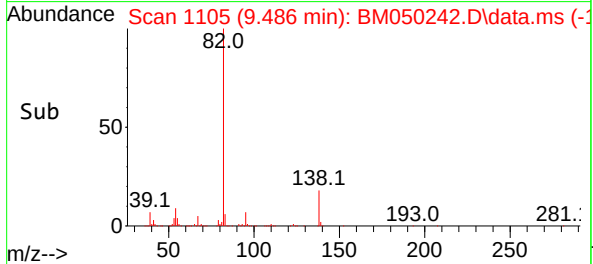
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion: 82 Resp: 189805
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 17.6 14.2 21.2

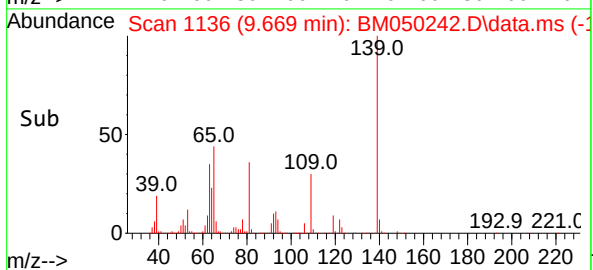
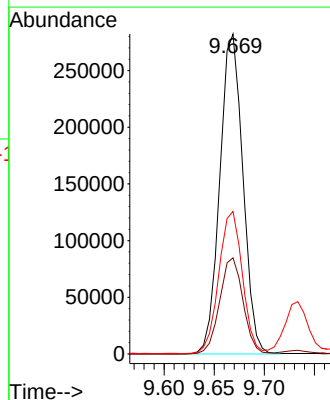
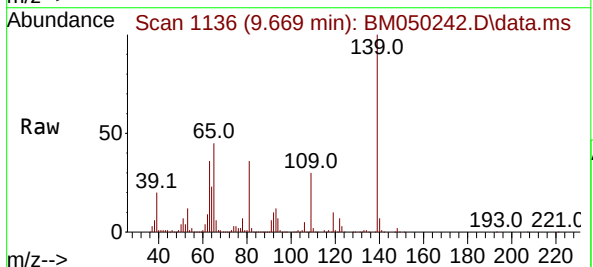
Manual Integrations
APPROVED

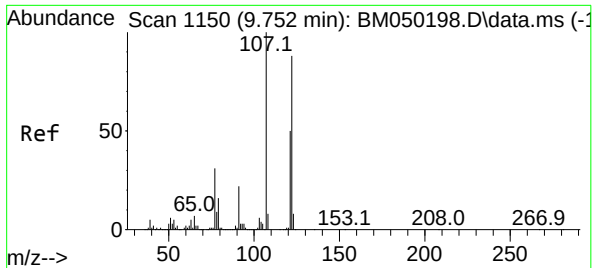
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#26
2-Nitrophenol
Concen: 54.058 ng
RT: 9.669 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

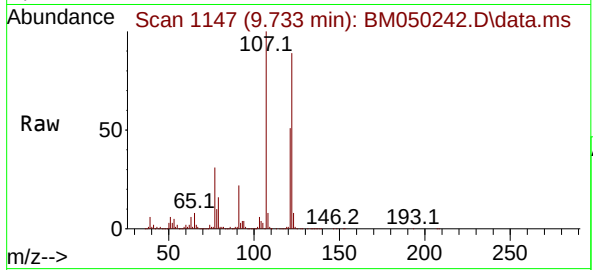
Tgt Ion:139 Resp: 451831
Ion Ratio Lower Upper
139 100
109 30.0 23.3 34.9
65 44.5 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 47.603 ng
RT: 9.733 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

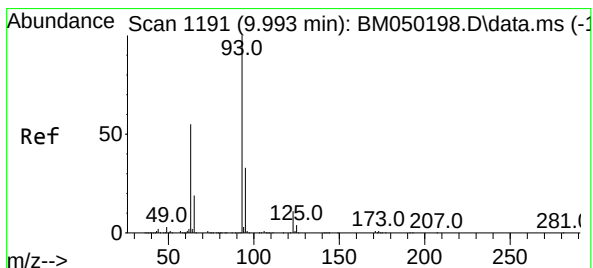
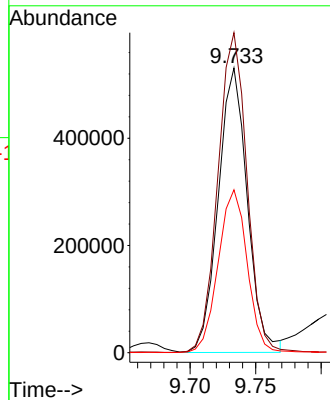
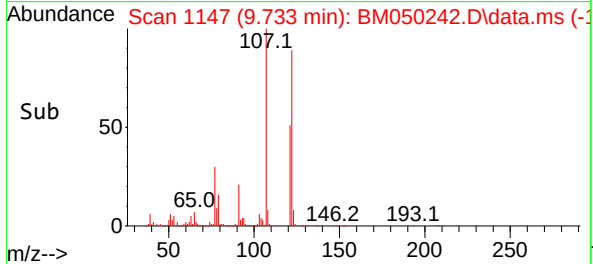
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



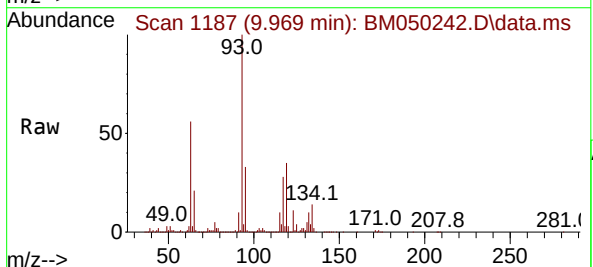
Tgt Ion:122 Resp: 817519
Ion Ratio Lower Upper
122 100
107 112.4 91.0 136.6
121 57.2 45.8 68.6

Manual Integrations
APPROVED

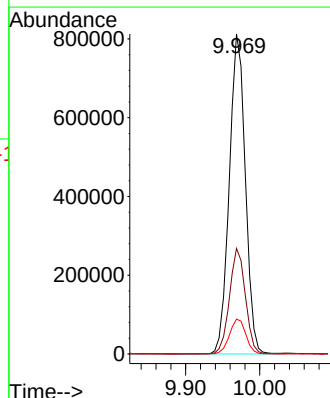
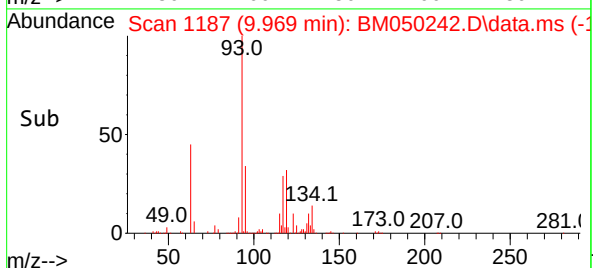
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

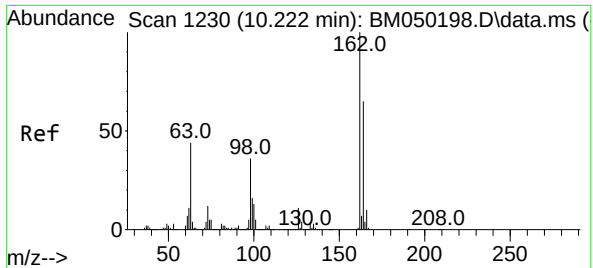


#28
bis(2-Chloroethoxy)methane
Concen: 50.845 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



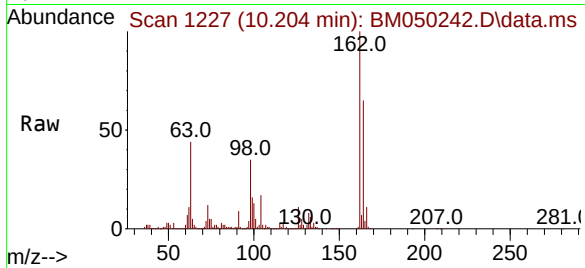
Tgt Ion: 93 Resp: 1220579
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 10.9 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 50.791 ng
RT: 10.204 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

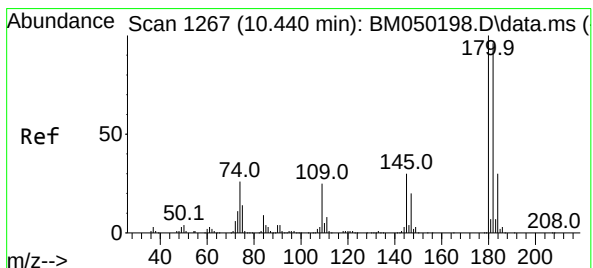
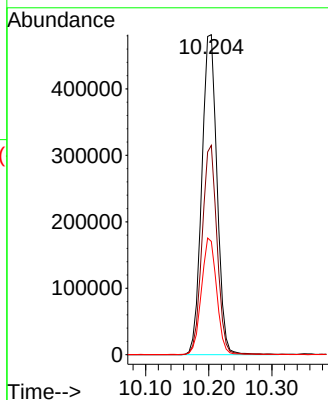
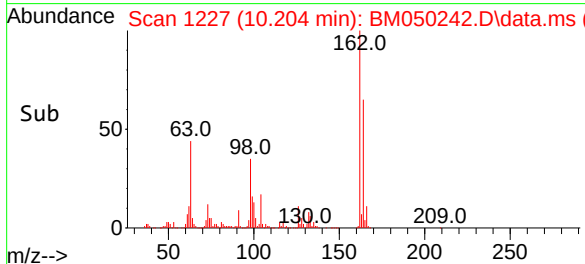
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



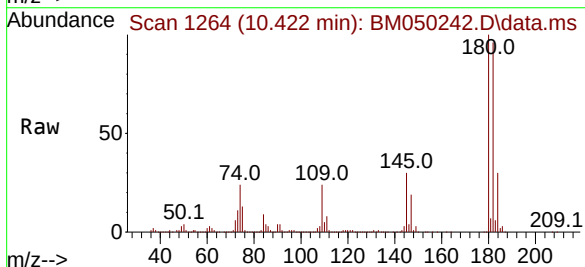
Tgt Ion:162 Resp: 80719
Ion Ratio Lower Upper
162 100
164 65.4 45.0 85.0
98 35.4 16.3 56.3

Manual Integrations
APPROVED

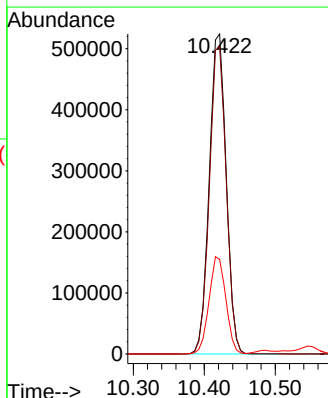
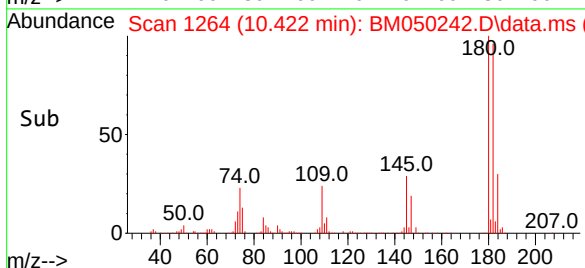
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

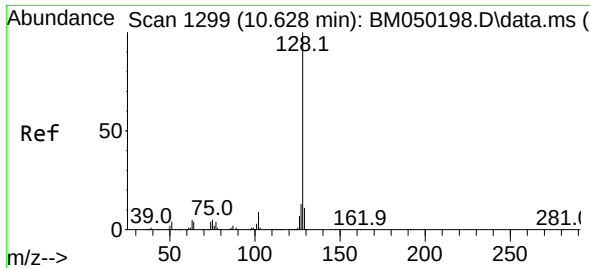


#30
1,2,4-Trichlorobenzene
Concen: 48.958 ng
RT: 10.422 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



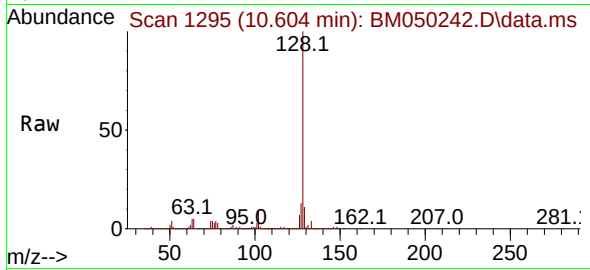
Tgt Ion:180 Resp: 865818
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 29.5 24.2 36.4





#31
Naphthalene
Concen: 59.112 ng
RT: 10.604 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

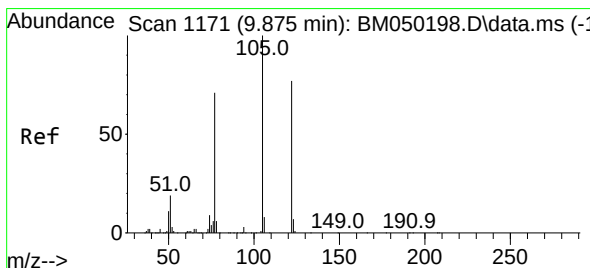
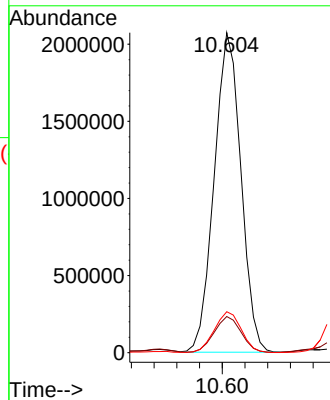
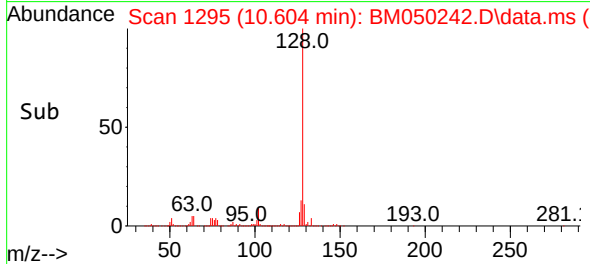
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:128 Resp: 3384040
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 12.8 10.2 15.4

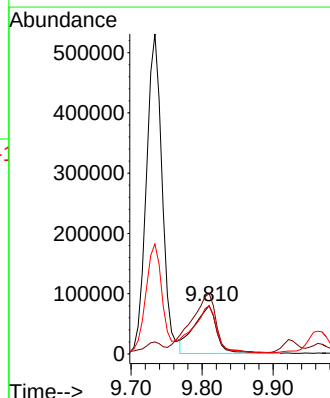
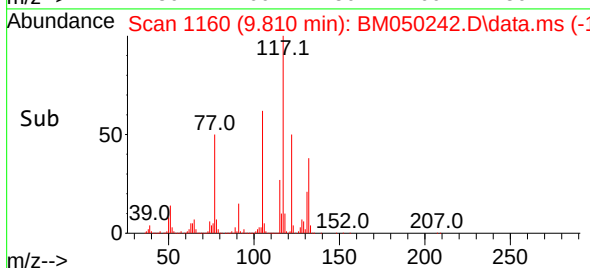
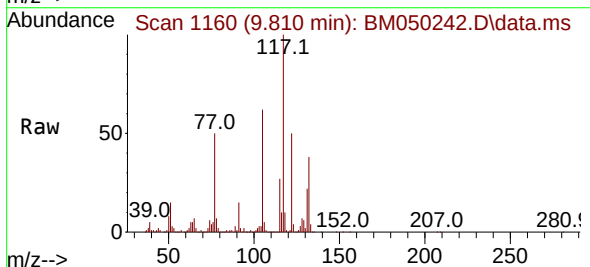
Manual Integrations
APPROVED

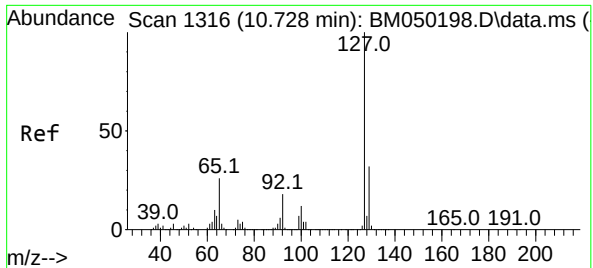
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#32
Benzoic acid
Concen: 16.318 ng
RT: 9.810 min Scan# 1160
Delta R.T. -0.035 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

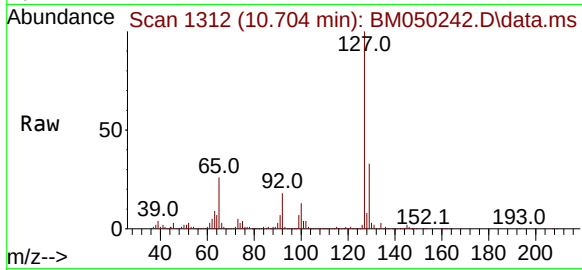
Tgt Ion:122 Resp: 176121
Ion Ratio Lower Upper
122 100
105 124.7 103.4 143.4
77 99.7 70.3 110.3





#33
4-Chloroaniline
Concen: 27.351 ng
RT: 10.704 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

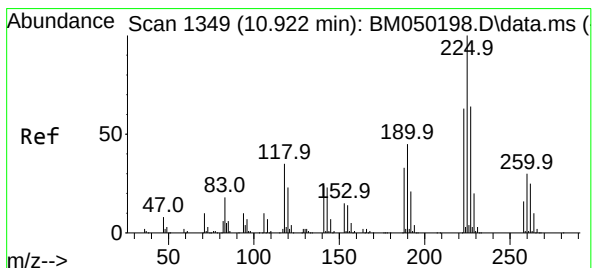
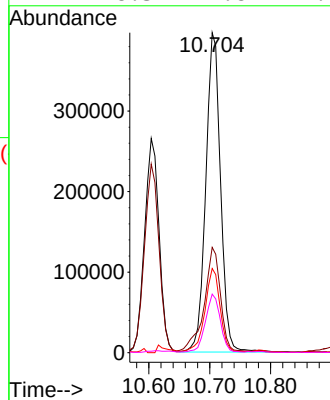
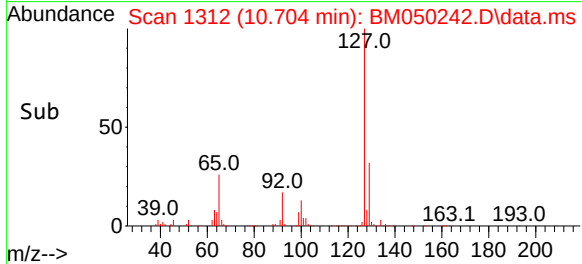
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:127 Resp: 667560
Ion Ratio Lower Upper
127 100
129 32.9 25.4 38.0
65 26.3 21.0 31.4
92 18.3 14.8 22.2

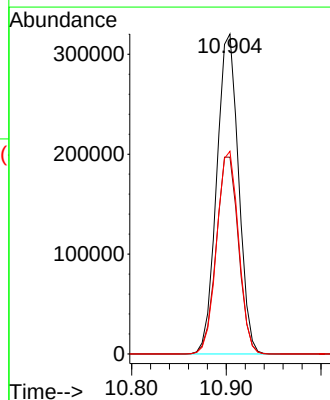
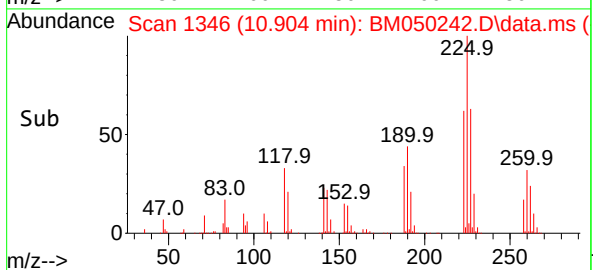
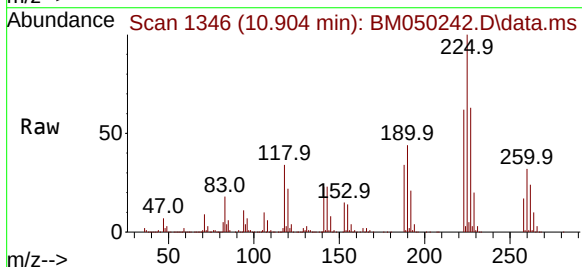
Manual Integrations
APPROVED

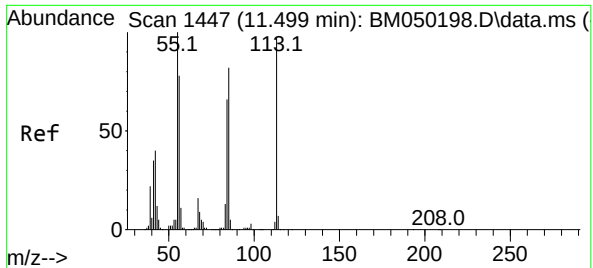
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#34
Hexachlorobutadiene
Concen: 48.788 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

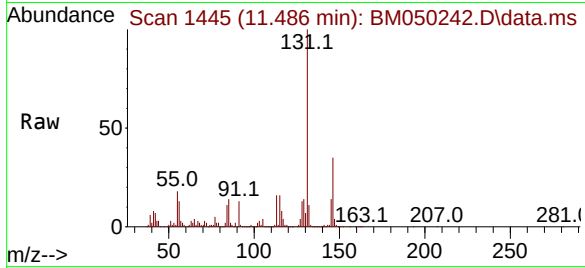
Tgt Ion:225 Resp: 513215
Ion Ratio Lower Upper
225 100
223 61.5 50.2 75.2
227 63.3 51.0 76.4





#35
Caprolactam
Concen: 10.121 ng
RT: 11.486 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

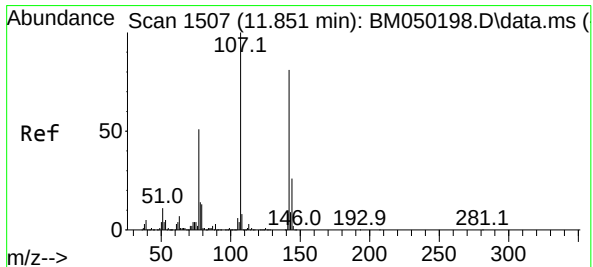
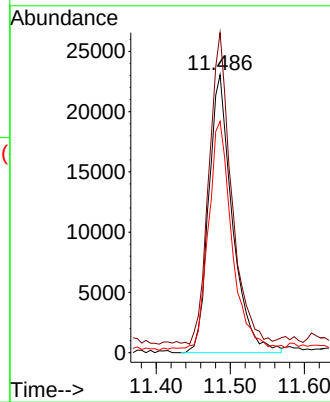
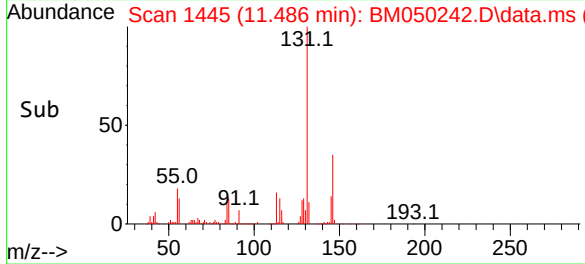
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:113 Resp: 50990
Ion Ratio Lower Upper
113 100
55 115.1 83.5 123.5
56 83.2 60.6 100.6

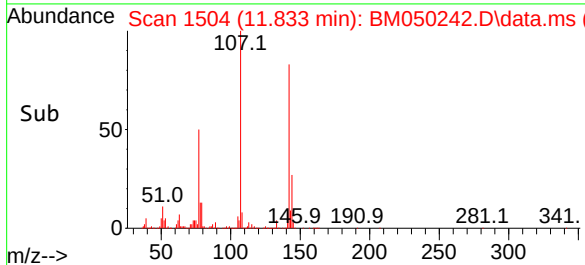
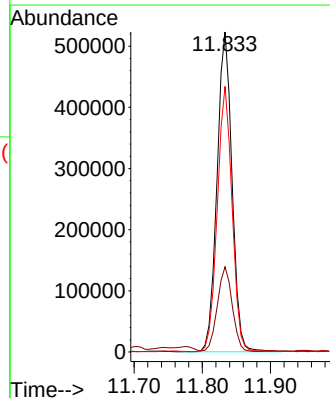
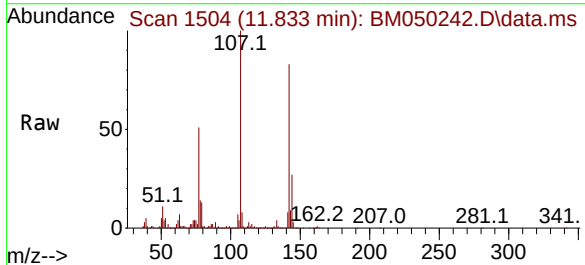
Manual Integrations
APPROVED

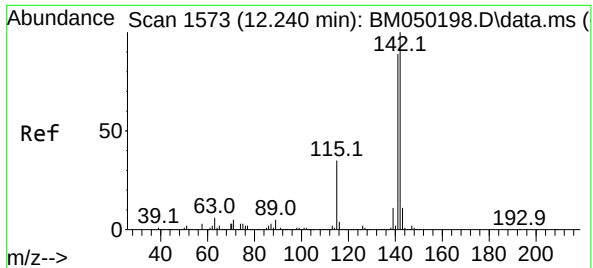
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#36
4-Chloro-3-methylphenol
Concen: 47.312 ng
RT: 11.833 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

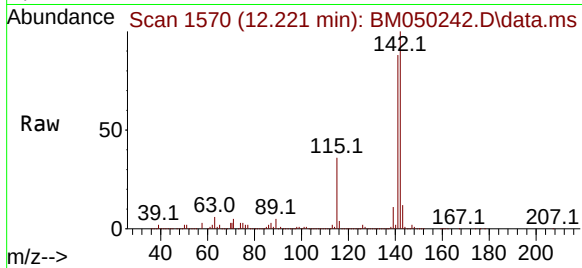
Tgt Ion:107 Resp: 802313
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.6
142 83.0 64.8 97.2





#37
2-Methylnaphthalene
Concen: 172.199 ng
RT: 12.221 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

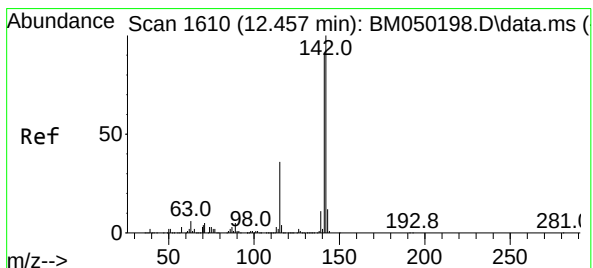
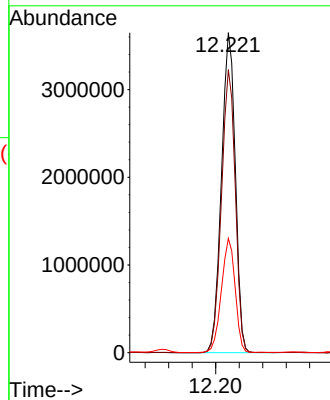
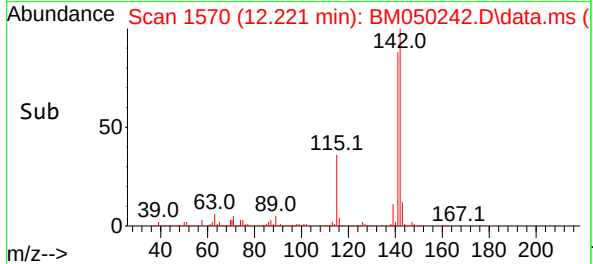
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



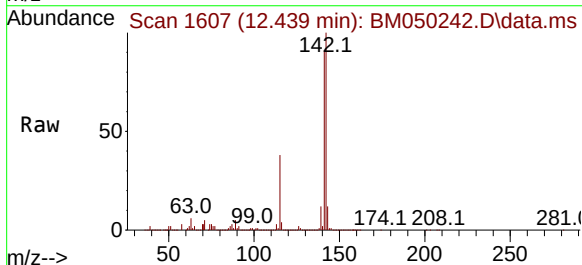
Tgt Ion:142 Resp: 594712
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3
115 35.7 27.8 41.8

Manual Integrations
APPROVED

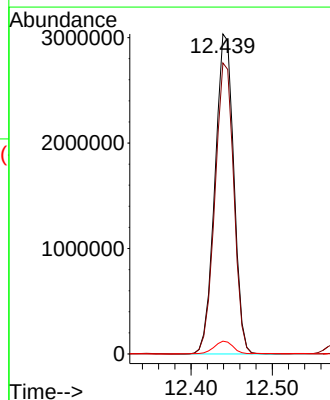
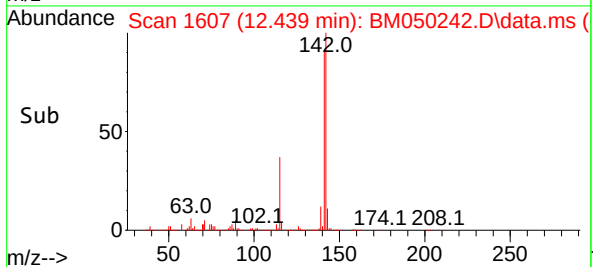
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

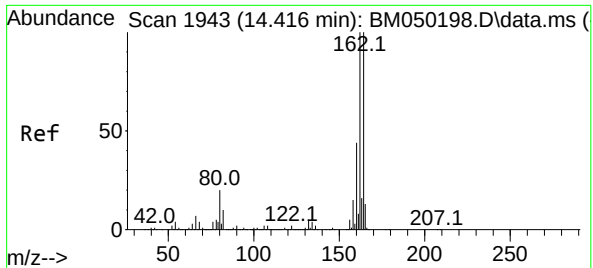


#38
1-Methylnaphthalene
Concen: 133.330 ng
RT: 12.439 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



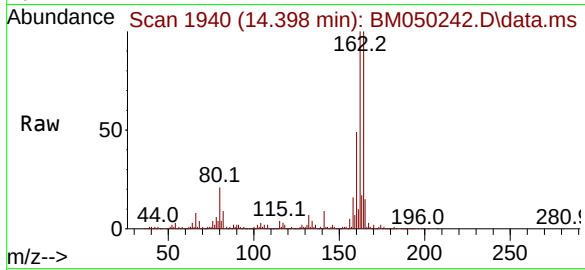
Tgt Ion:142 Resp: 4887345
Ion Ratio Lower Upper
142 100
141 91.0 72.9 109.3
116 4.0 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

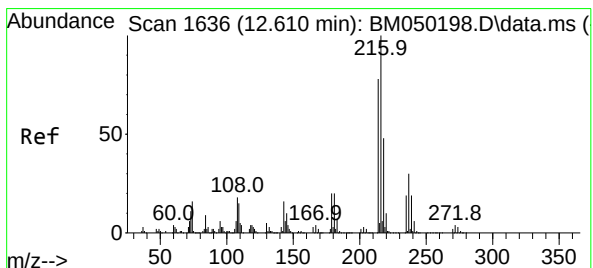
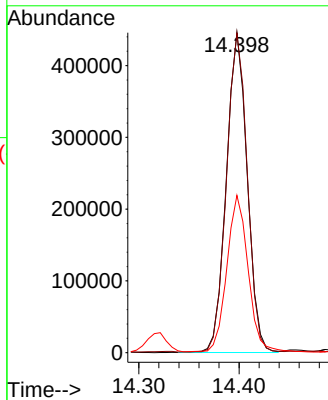
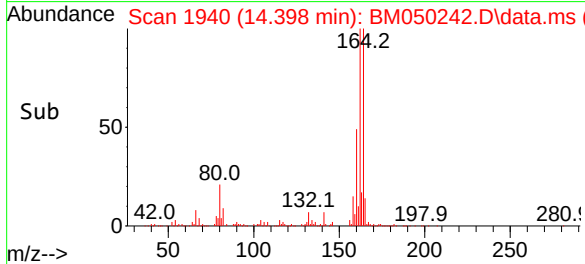
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:164 Resp: 64459
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.4
160 49.2 35.7 53.5

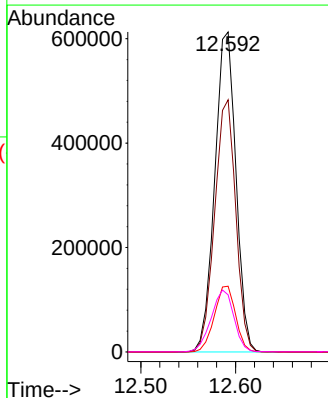
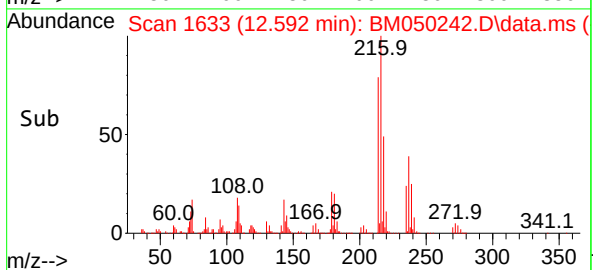
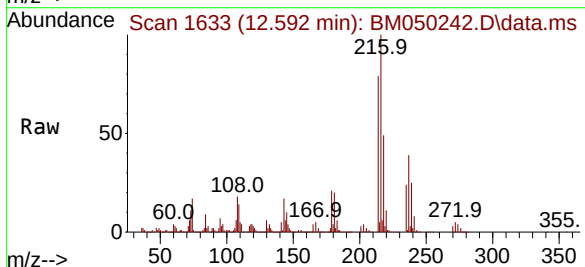
Manual Integrations
APPROVED

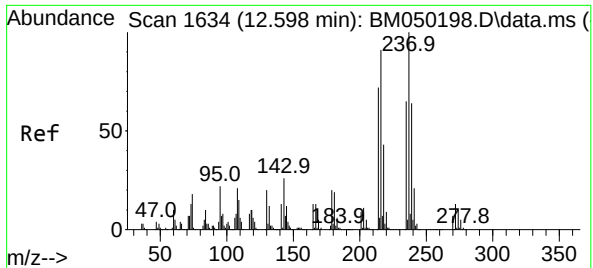
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.218 ng
RT: 12.592 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

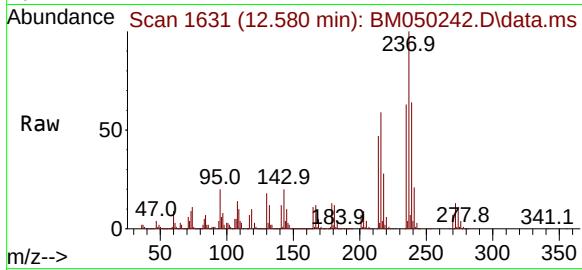
Tgt Ion:216 Resp: 953327
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 20.7 16.6 25.0
108 20.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 93.561 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

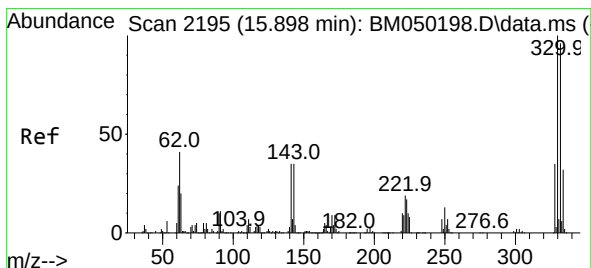
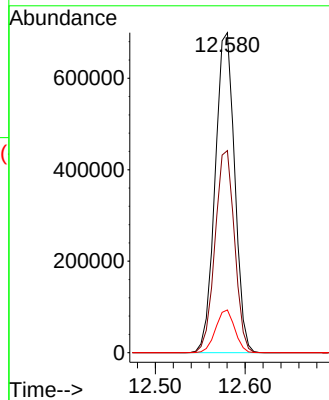
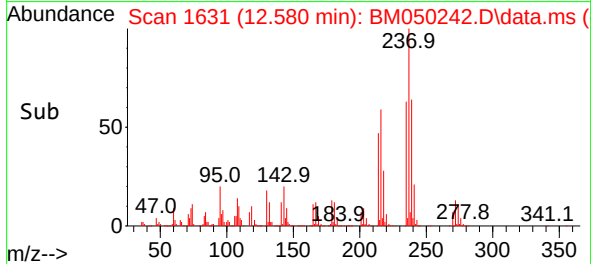
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



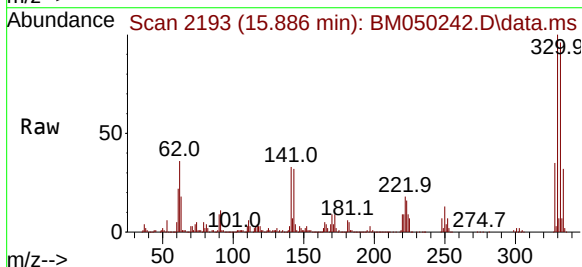
Tgt Ion:237 Resp: 105760
Ion Ratio Lower Upper
237 100
235 63.1 44.6 84.6
272 13.4 0.0 33.1

Manual Integrations
APPROVED

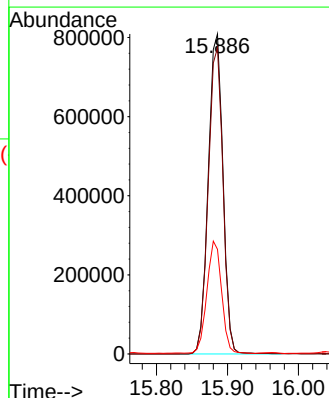
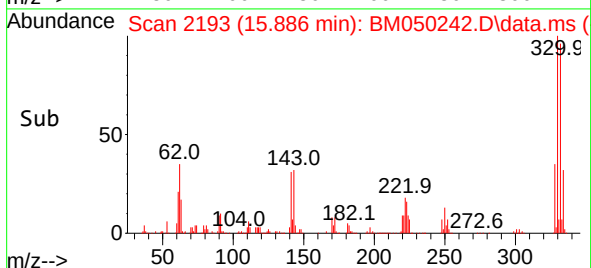
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

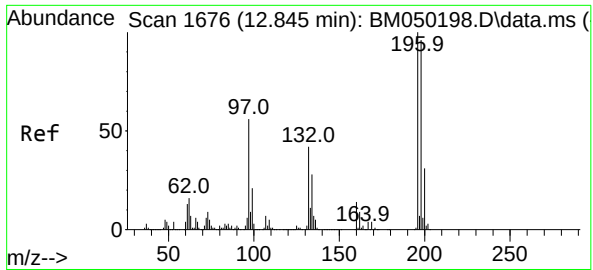


#42
2,4,6-Tribromophenol
Concen: 159.225 ng
RT: 15.886 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



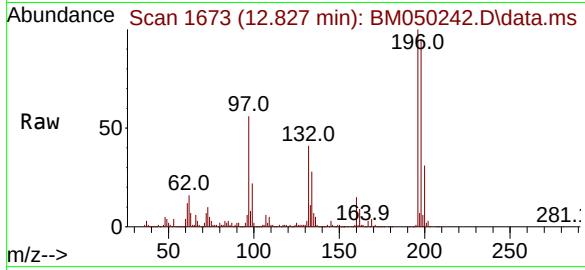
Tgt Ion:330 Resp: 1167405
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 34.9 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 53.862 ng
RT: 12.827 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

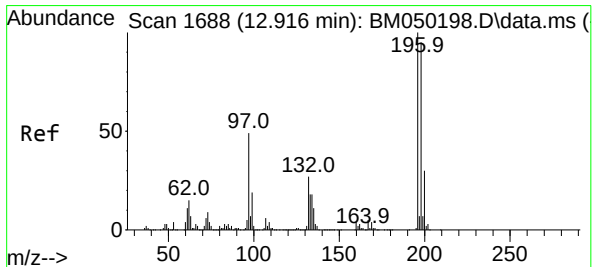
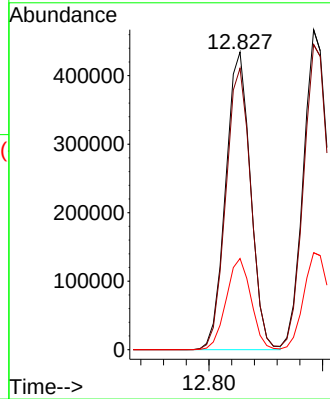
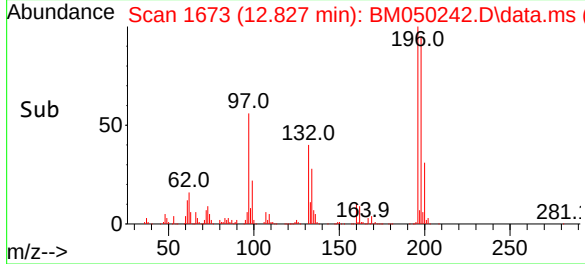
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:196 Resp: 659289
Ion Ratio Lower Upper
196 100
198 94.6 76.6 115.0
200 30.6 24.5 36.7

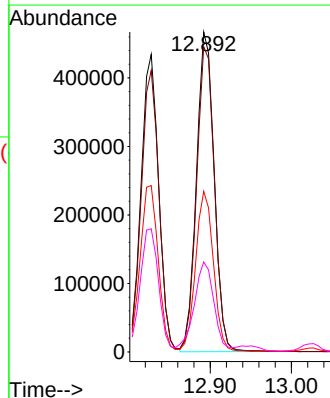
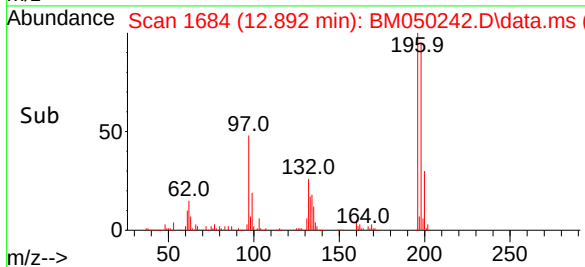
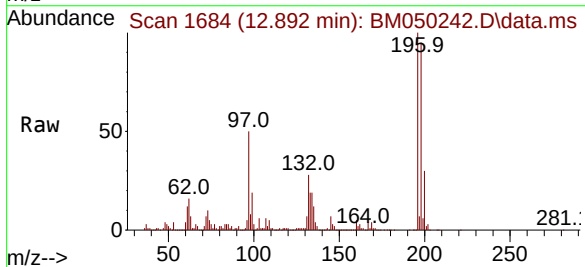
Manual Integrations
APPROVED

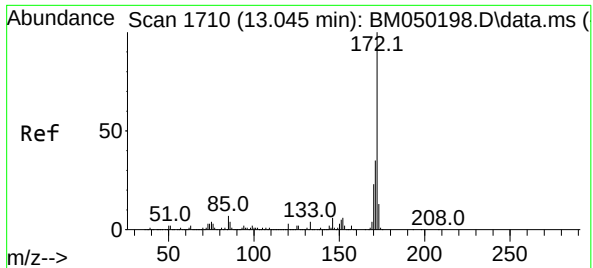
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#44
2,4,5-Trichlorophenol
Concen: 52.881 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

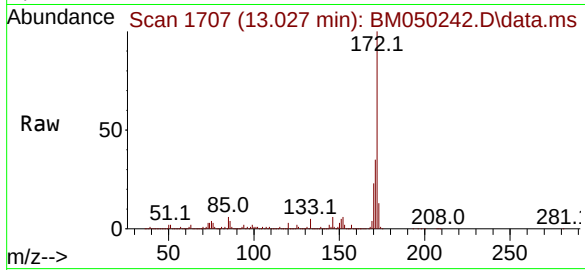
Tgt Ion:196 Resp: 710689
Ion Ratio Lower Upper
196 100
198 95.3 76.1 114.1
97 50.2 39.3 58.9
132 28.1 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 85.850 ng
RT: 13.027 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

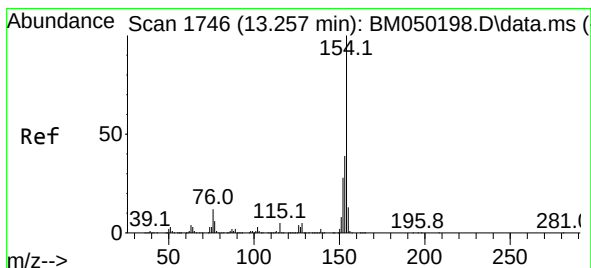
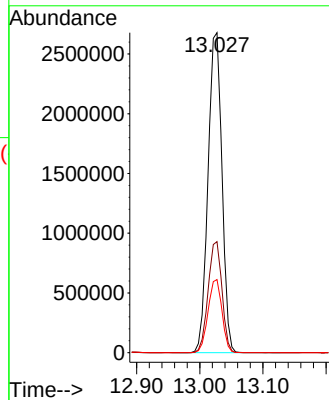
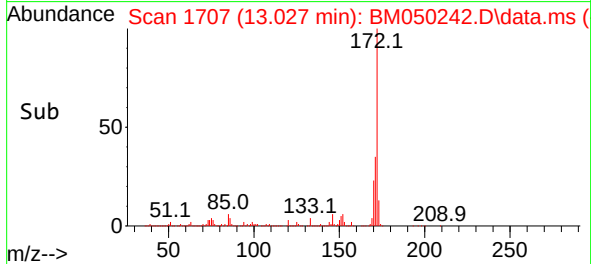
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



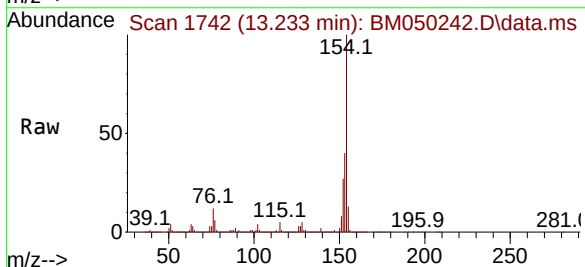
Tgt Ion:172 Resp: 4087460
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.8 18.6 27.8

Manual Integrations
APPROVED

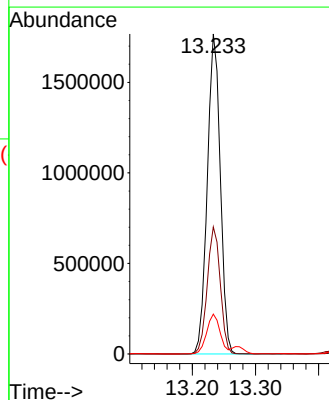
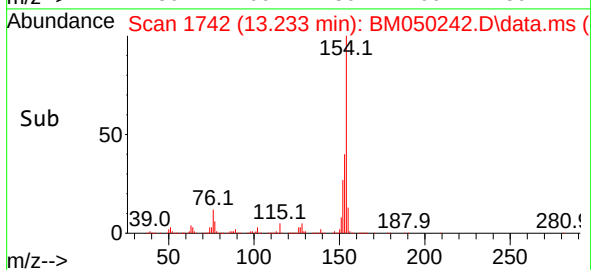
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

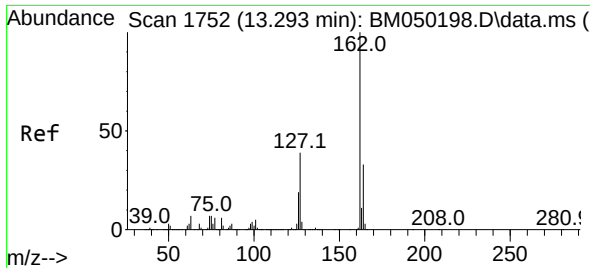


#46
1,1'-Biphenyl
Concen: 52.155 ng
RT: 13.233 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



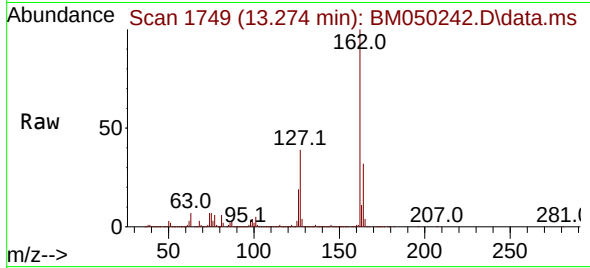
Tgt Ion:154 Resp: 2517319
Ion Ratio Lower Upper
154 100
153 39.7 19.2 59.2
76 12.4 0.0 32.0





#47
2-Chloronaphthalene
Concen: 50.688 ng
RT: 13.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

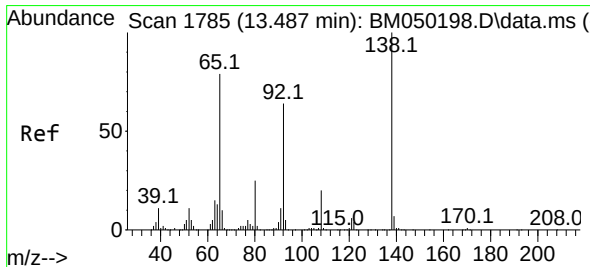
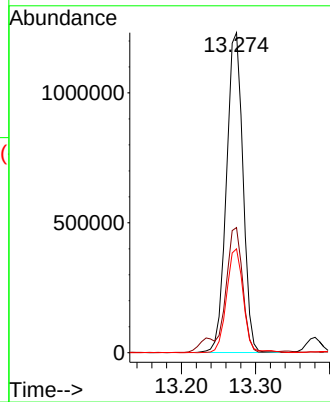
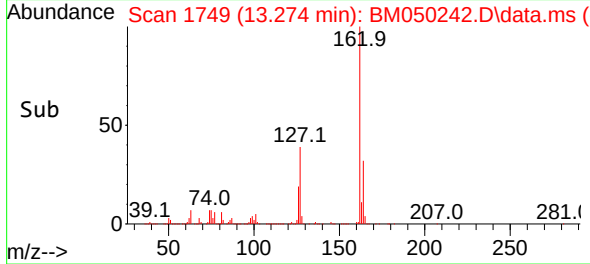
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:162 Resp: 1902019
Ion Ratio Lower Upper
162 100
127 39.1 31.1 46.7
164 32.5 26.5 39.7

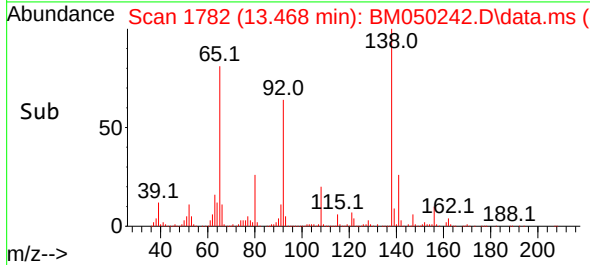
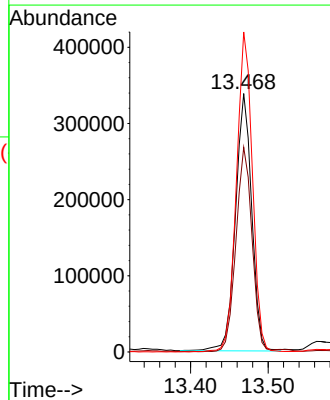
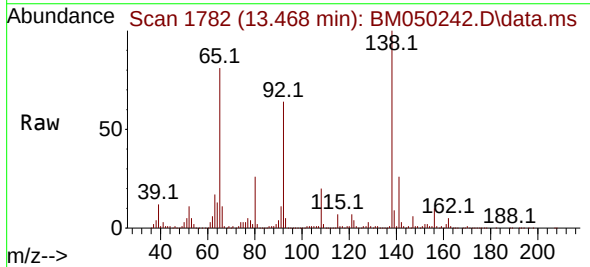
Manual Integrations
APPROVED

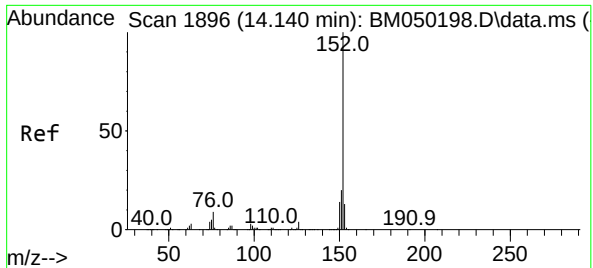
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#48
2-Nitroaniline
Concen: 59.783 ng
RT: 13.468 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

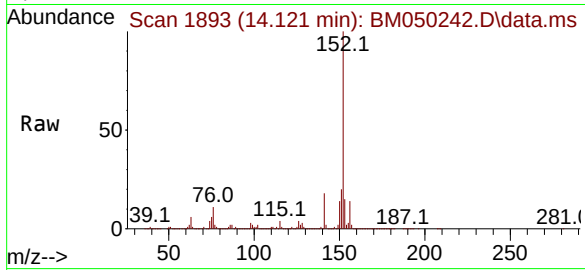
Tgt Ion: 65 Resp: 493666
Ion Ratio Lower Upper
65 100
92 79.1 64.2 96.4
138 123.8 101.0 151.4





#49
Acenaphthylene
Concen: 51.493 ng
RT: 14.121 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

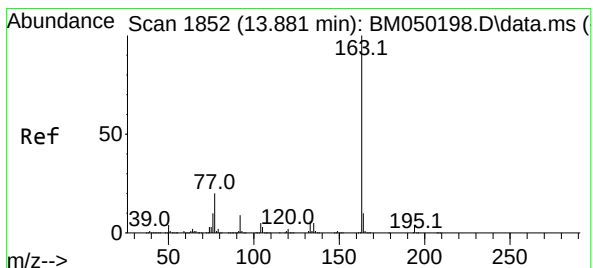
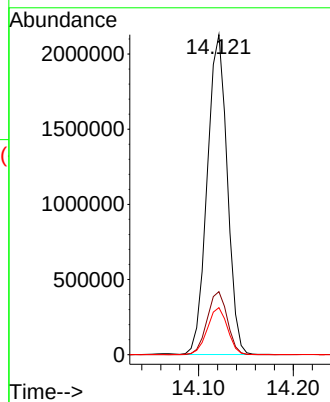
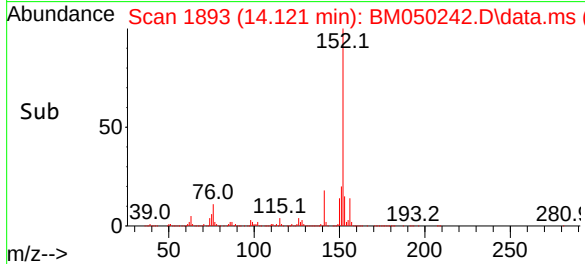
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:152 Resp: 312526
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 14.7 10.4 15.6

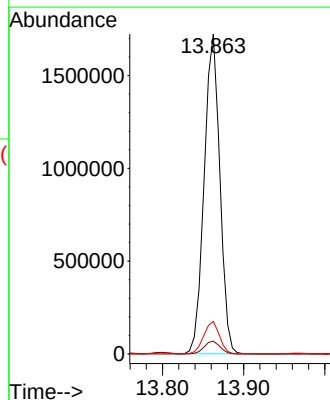
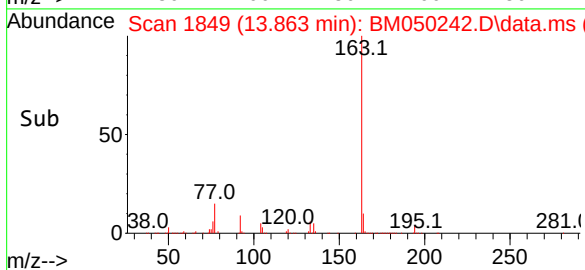
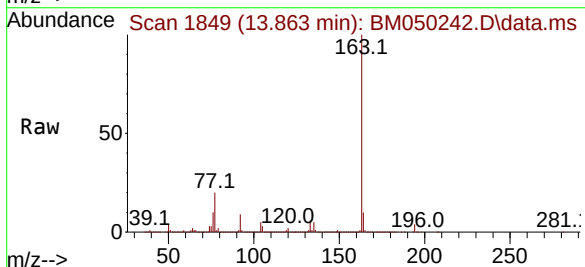
Manual Integrations
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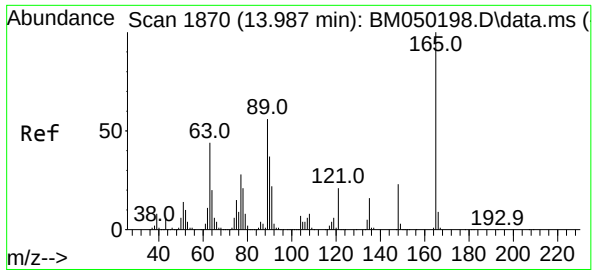
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#50
Dimethylphthalate
Concen: 52.973 ng
RT: 13.863 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

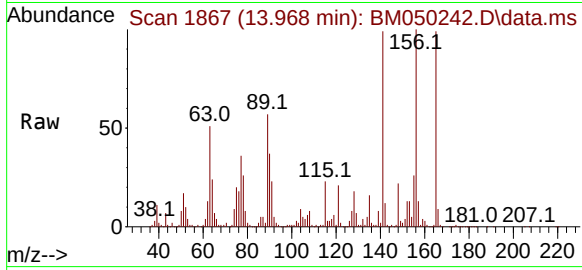
Tgt Ion:163 Resp: 2309291
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 54.083 ng
RT: 13.968 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

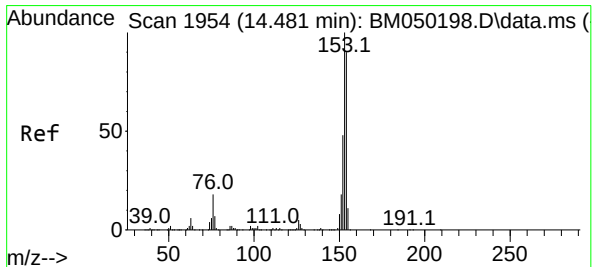
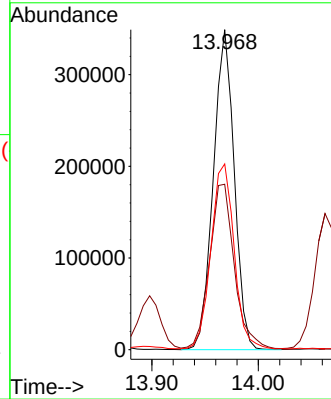
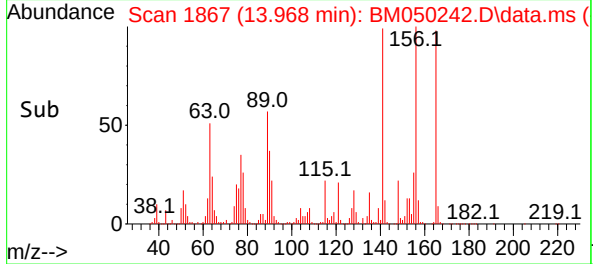
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:165 Resp: 47546
Ion Ratio Lower Upper
165 100
63 51.7 35.8 53.6
89 58.1 44.8 67.2

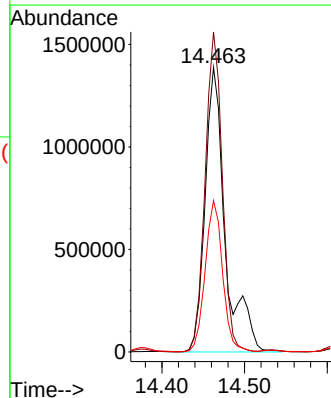
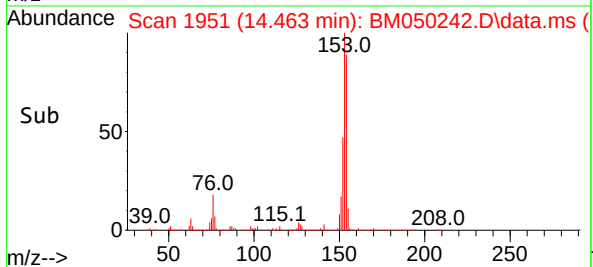
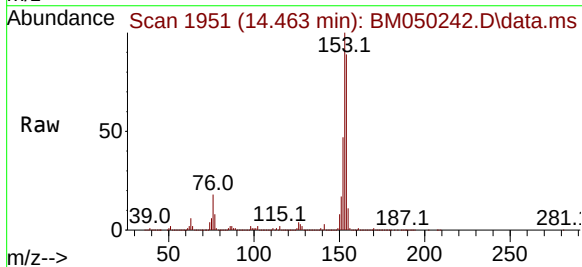
Manual Integrations
APPROVED

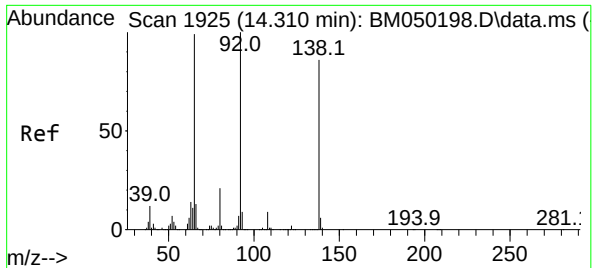
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 62.083 ng m
RT: 14.463 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

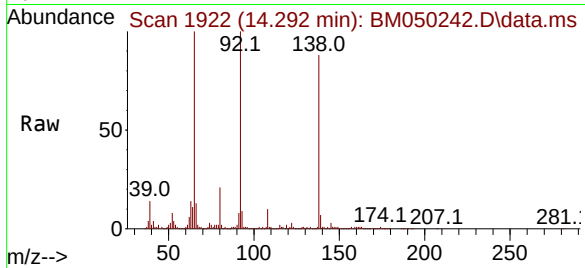
Tgt Ion:154 Resp: 2356807
Ion Ratio Lower Upper
154 100
153 112.4 88.7 133.1
152 53.2 42.6 63.8





#53
3-Nitroaniline
Concen: 27.809 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

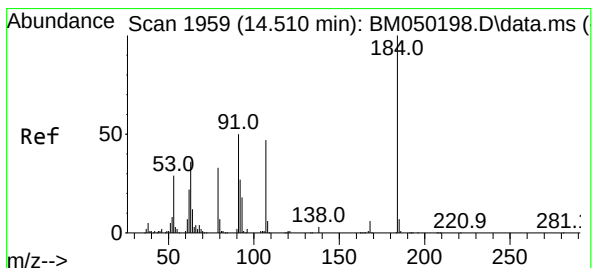
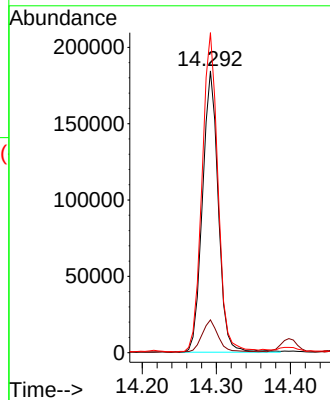
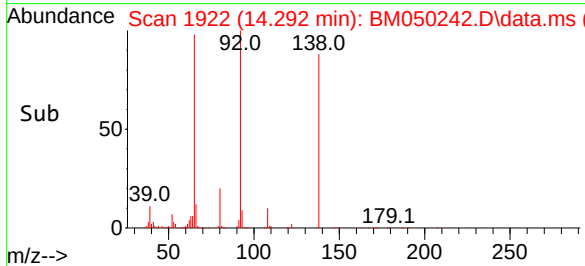
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



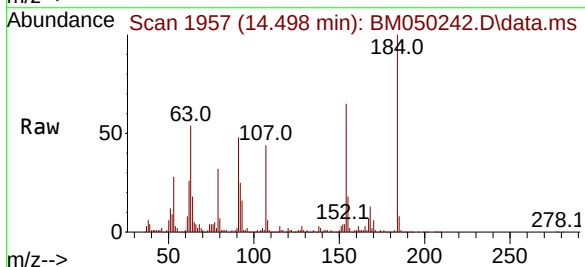
Tgt Ion:138 Resp: 27247
Ion Ratio Lower Upper
138 100
108 11.7 8.8 13.2
92 113.6 92.9 139.3

Manual Integrations
APPROVED

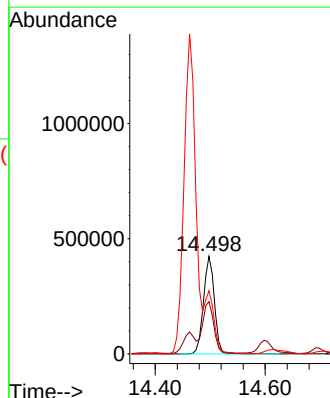
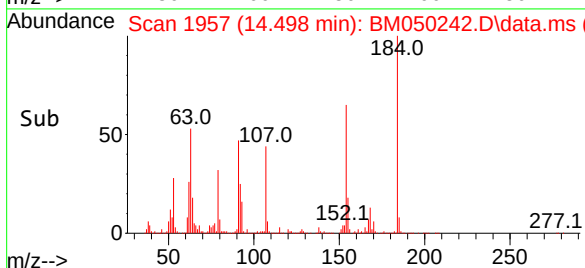
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

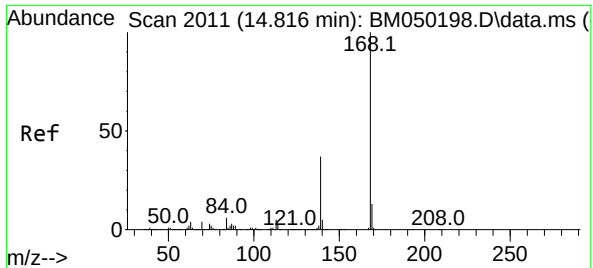


#54
2,4-Dinitrophenol
Concen: 123.046 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



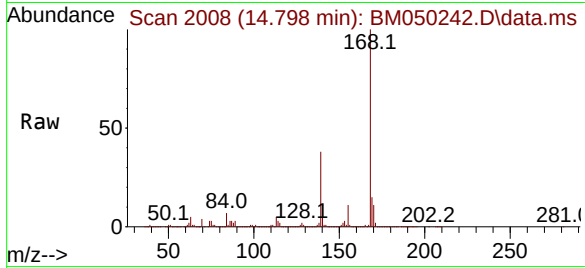
Tgt Ion:184 Resp: 581083
Ion Ratio Lower Upper
184 100
63 53.7 45.3 67.9
154 64.7 54.3 81.5





#55
Dibenzenofuran
Concen: 55.953 ng
RT: 14.798 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

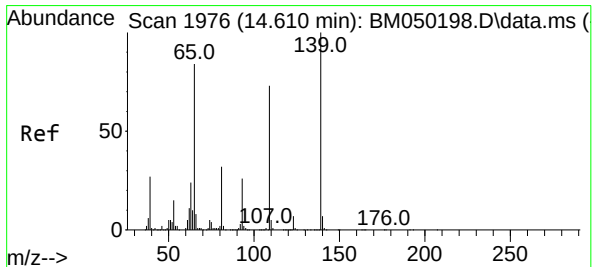
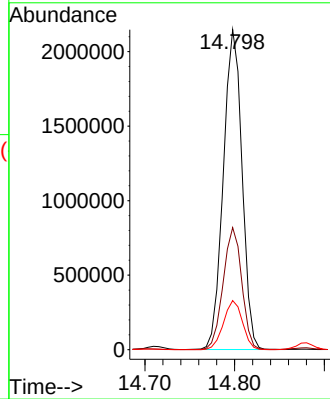
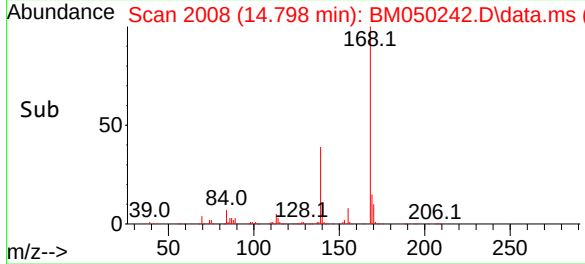
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:168 Resp: 310754
Ion Ratio Lower Upper
168 100
139 38.2 29.9 44.9
169 15.4 10.6 16.0

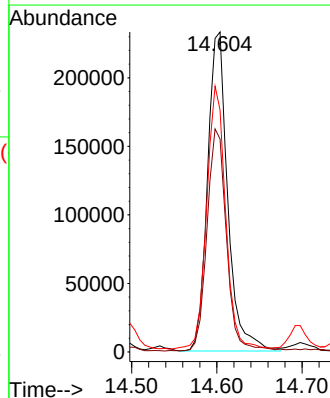
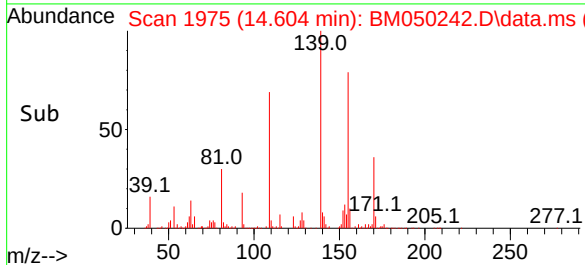
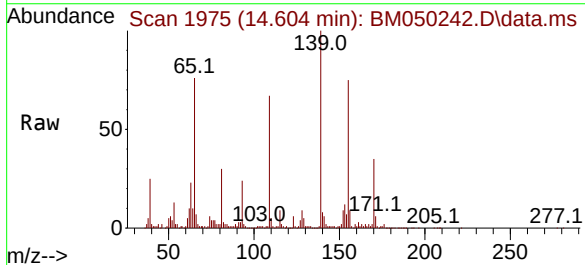
Manual Integrations
APPROVED

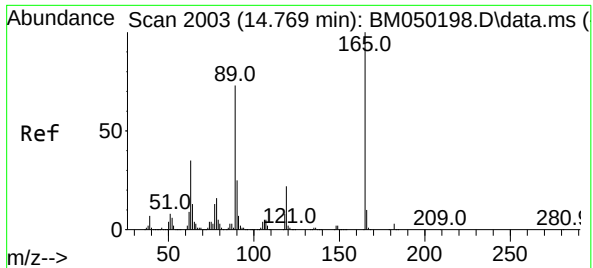
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#56
4-Nitrophenol
Concen: 45.968 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

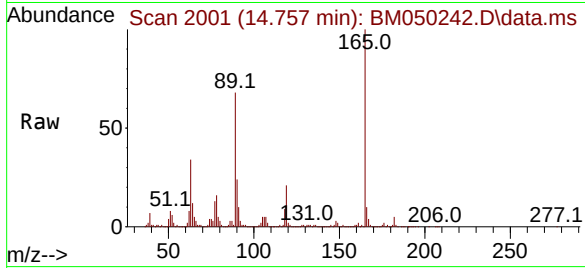
Tgt Ion:139 Resp: 383346
Ion Ratio Lower Upper
139 100
109 66.5 52.6 92.6
65 75.7 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 59.696 ng
RT: 14.757 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

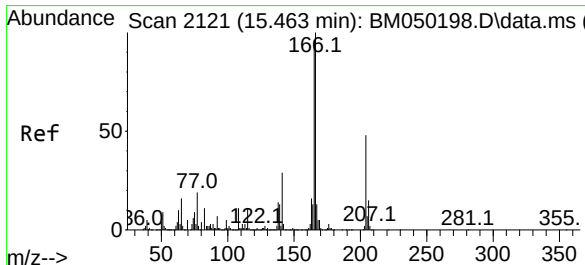
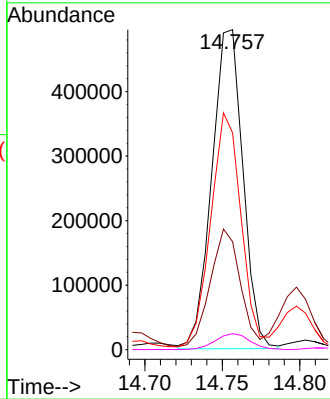
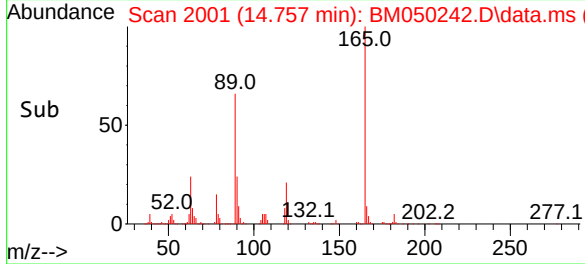
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:165 Resp: 692300
Ion Ratio Lower Upper
165 100
63 33.8 28.4 42.6
89 67.8 58.0 87.0
182 5.0 2.2 3.2#

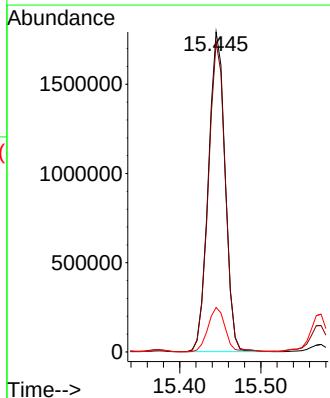
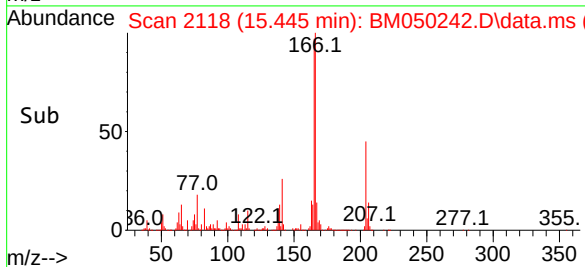
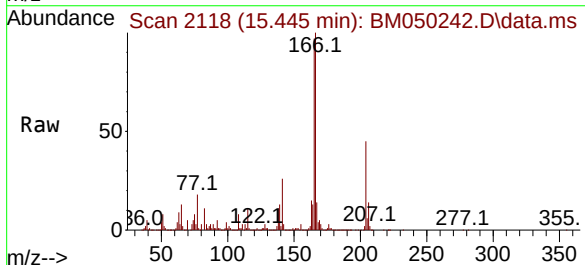
Manual Integrations
APPROVED

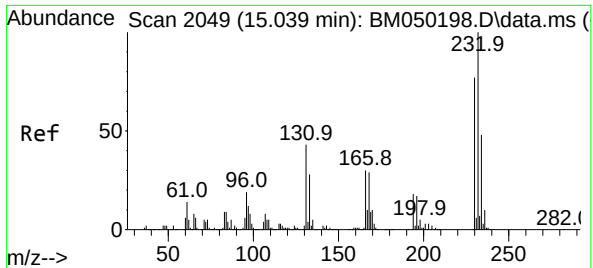
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 60.106 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

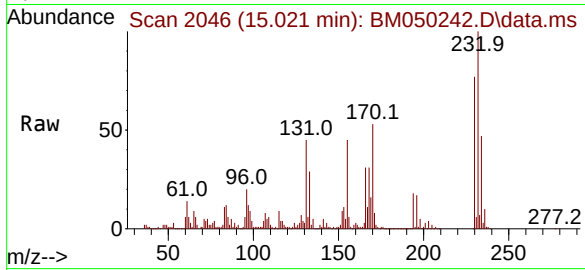
Tgt Ion:166 Resp: 2556767
Ion Ratio Lower Upper
166 100
165 96.8 77.0 115.4
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.535 ng
RT: 15.021 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

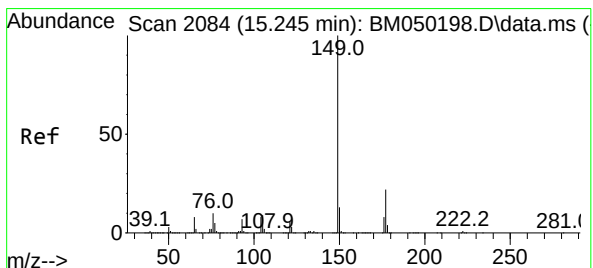
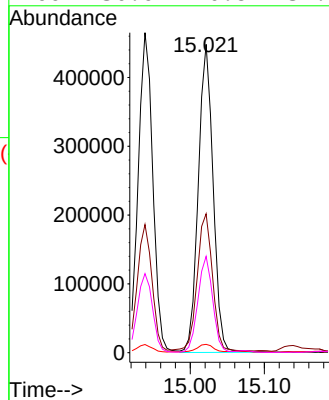
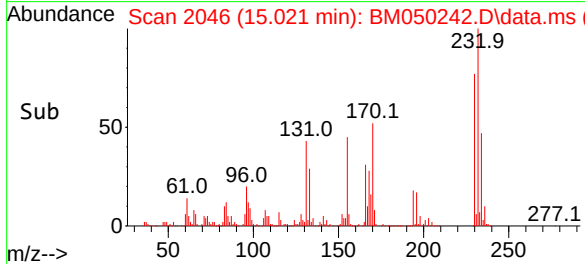
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



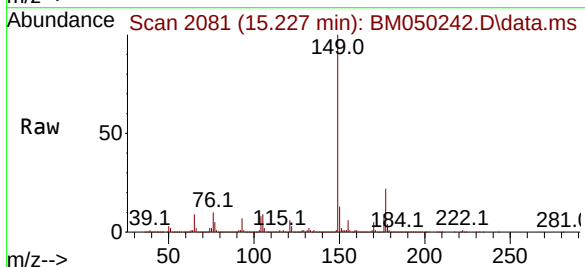
Tgt Ion:232 Resp: 622481
Ion Ratio Lower Upper
232 100
131 46.6 32.9 49.3
130 2.7 1.8 2.8
166 30.6 20.8 31.2

Manual Integrations
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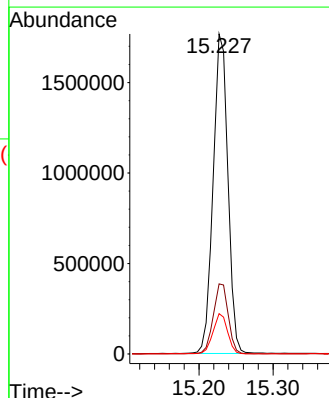
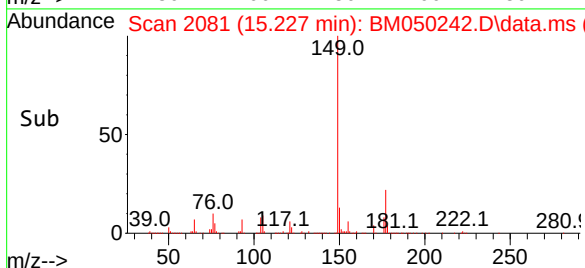
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

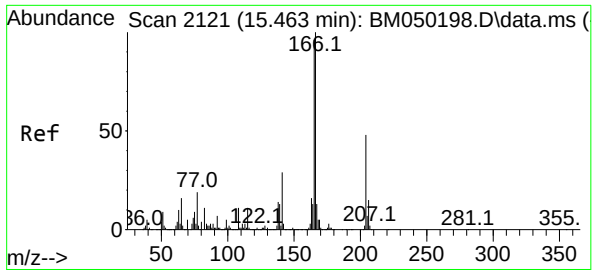


#60
Diethylphthalate
Concen: 56.368 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



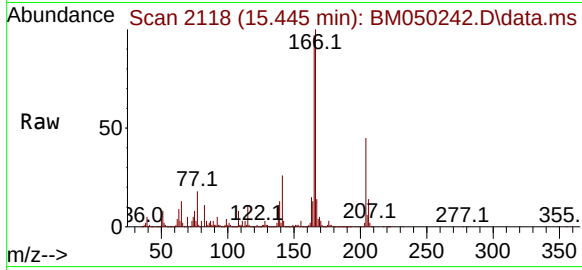
Tgt Ion:149 Resp: 2438141
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 52.566 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

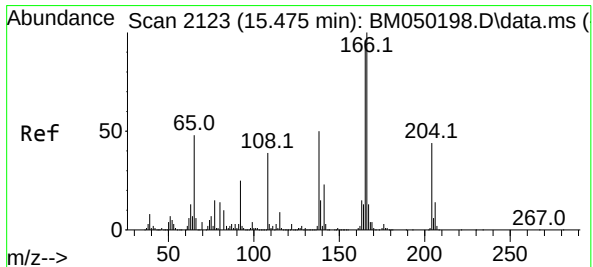
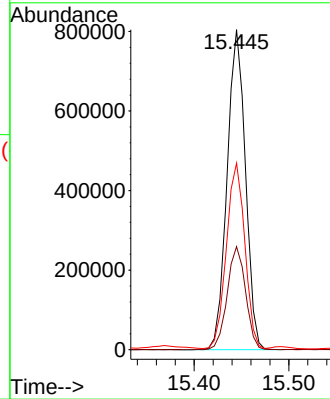
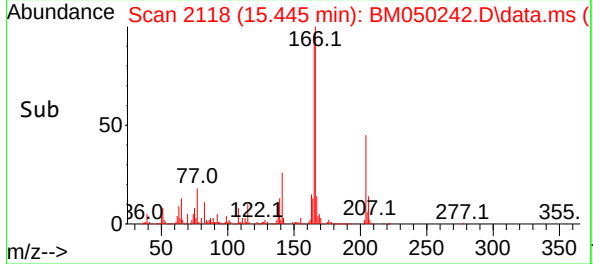
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:204 Resp: 1080680
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 58.3 47.9 71.9

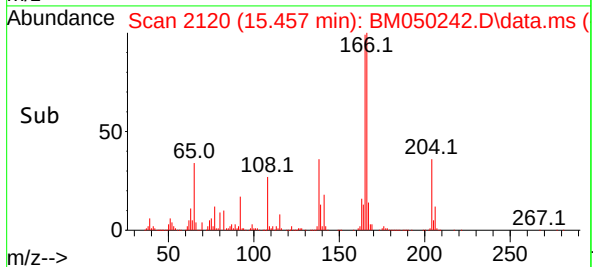
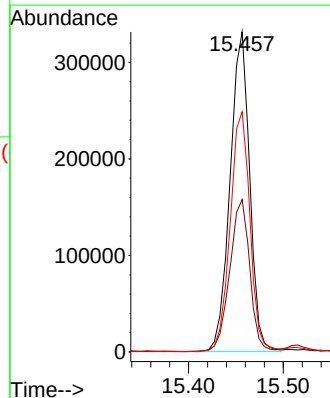
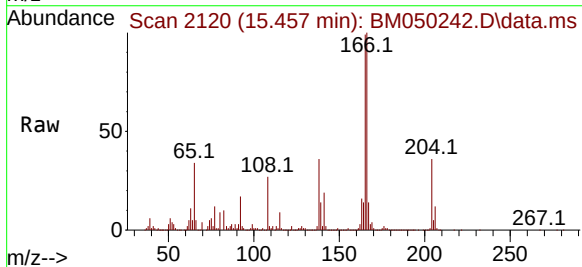
Manual Integrations
APPROVED

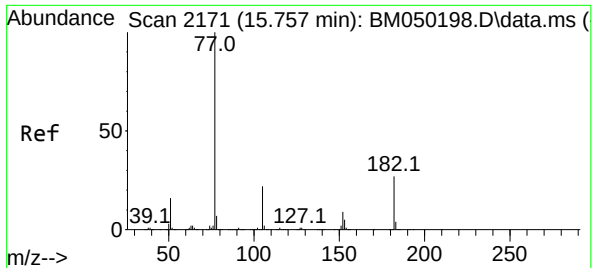
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#62
4-Nitroaniline
Concen: 51.830 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

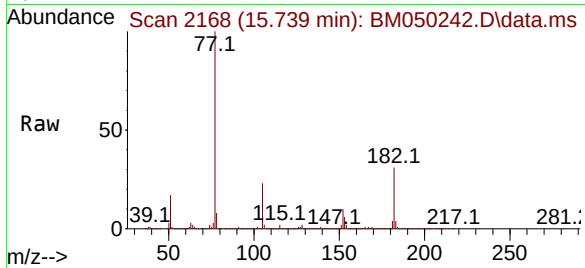
Tgt Ion:138 Resp: 475975
Ion Ratio Lower Upper
138 100
92 47.6 28.8 68.8
108 75.0 58.1 98.1





#63
Azobenzene
Concen: 51.604 ng
RT: 15.739 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

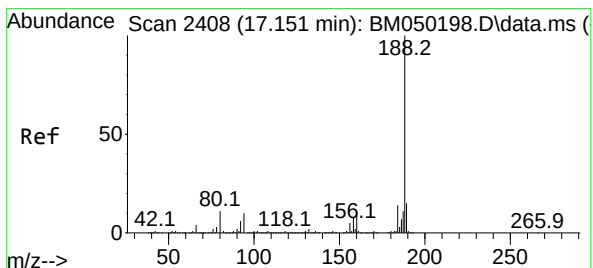
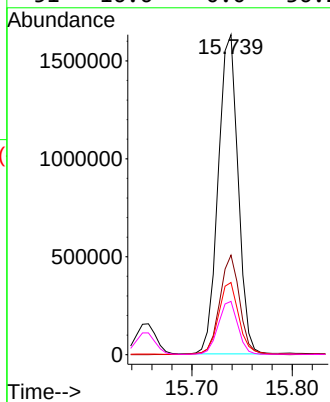
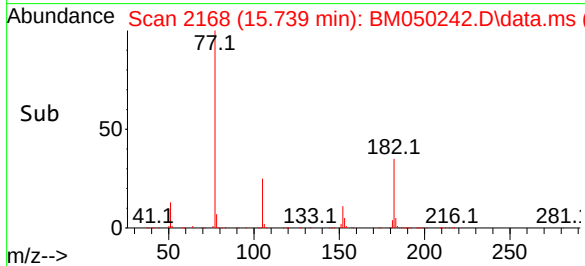
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion: 77 Resp: 2230978
Ion Ratio Lower Upper
77 100
182 31.1 6.8 46.8
105 22.5 1.7 41.7
51 16.6 0.0 36.2

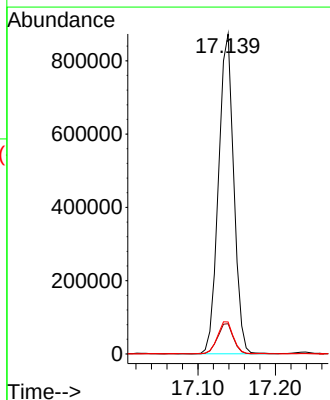
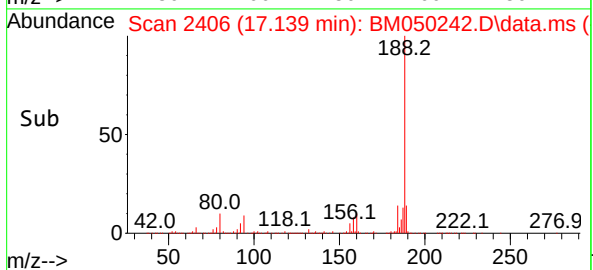
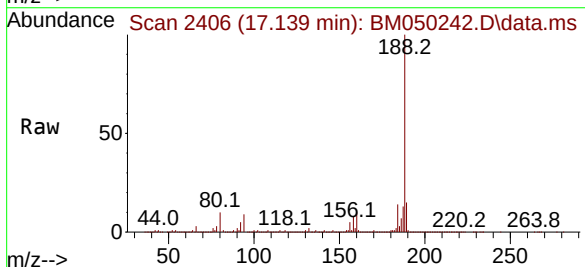
Manual Integrations
APPROVED

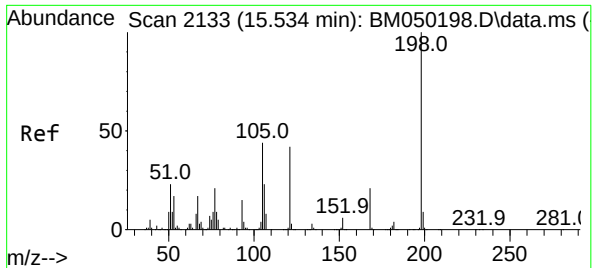
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

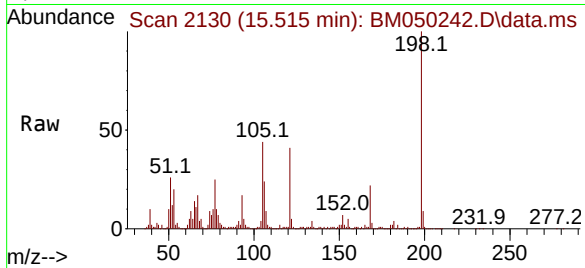
Tgt Ion:188 Resp: 1197069
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 10.0 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 57.652 ng
RT: 15.515 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

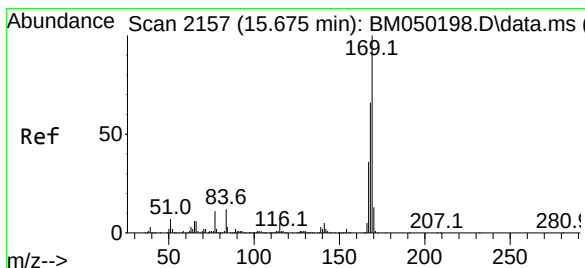
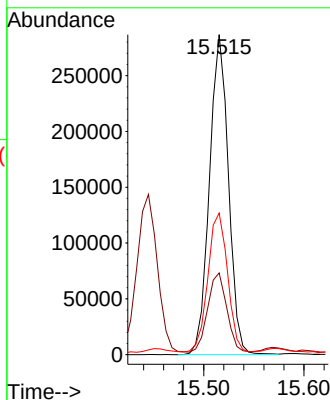
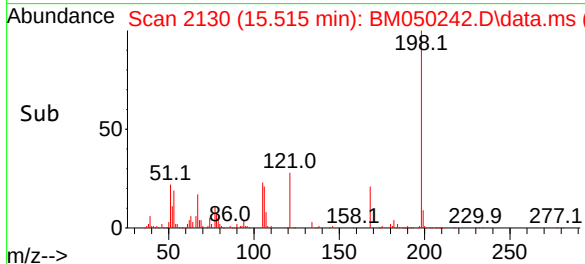
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:198 Resp: 376940
Ion Ratio Lower Upper
198 100
51 25.6 4.5 44.5
105 44.3 24.9 64.9

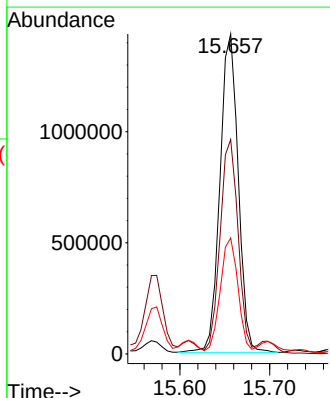
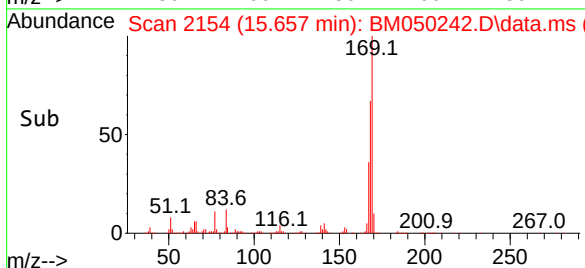
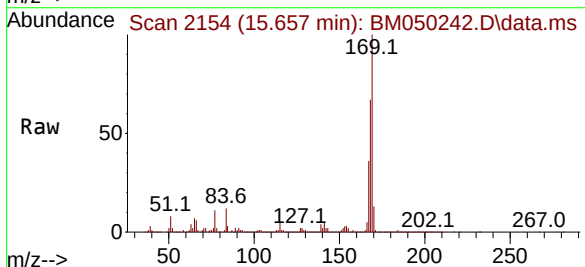
Manual Integrations
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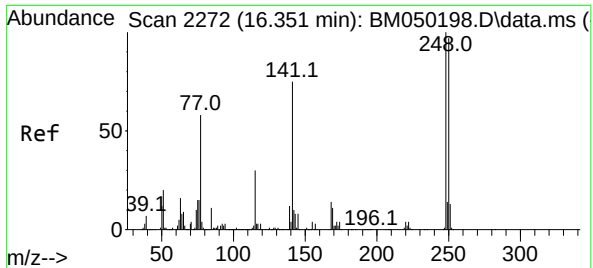
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#66
n-Nitrosodiphenylamine
Concen: 53.798 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

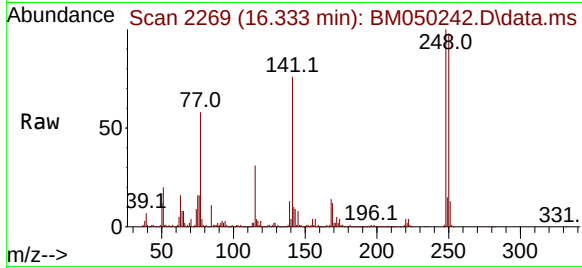
Tgt Ion:169 Resp: 2023507
Ion Ratio Lower Upper
169 100
168 67.0 53.1 79.7
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 54.679 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

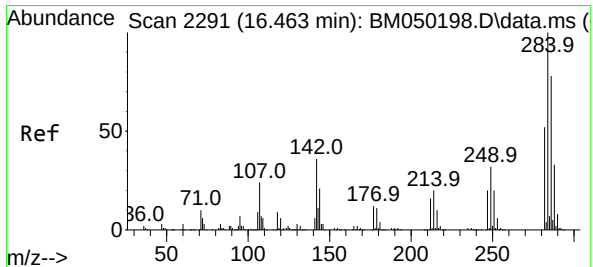
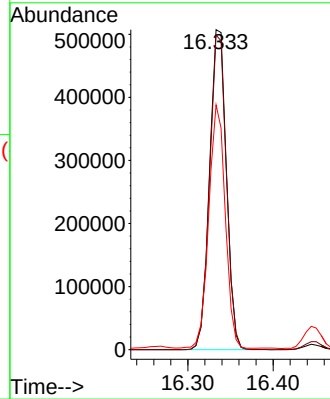
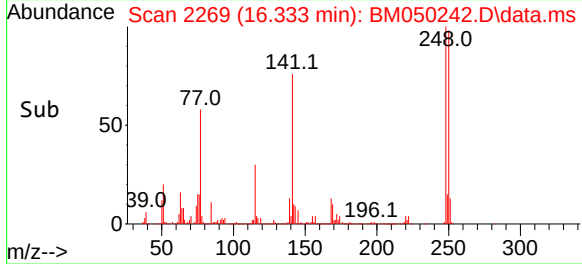
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:248 Resp: 697999
Ion Ratio Lower Upper
248 100
250 98.3 78.0 117.0
141 76.5 60.1 90.1

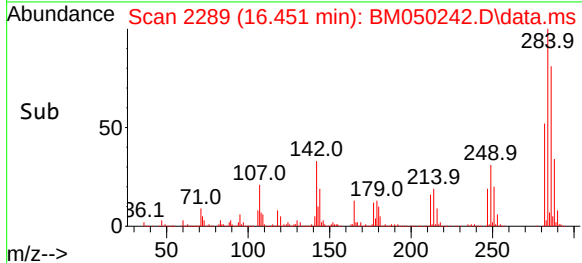
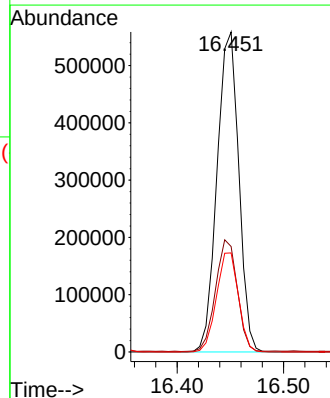
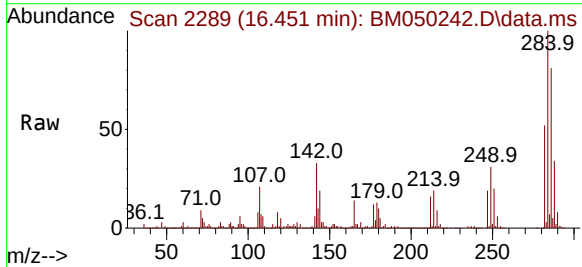
Manual Integrations
APPROVED

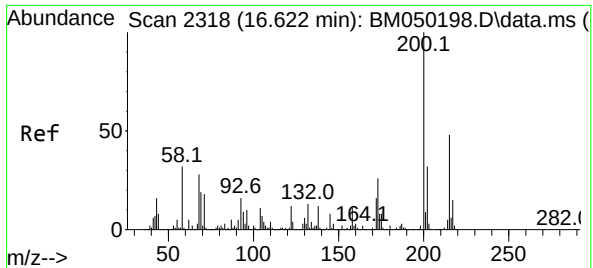
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#68
Hexachlorobenzene
Concen: 52.951 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

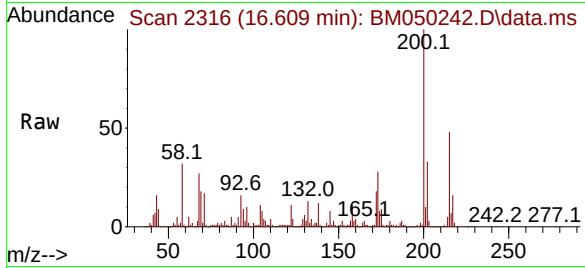
Tgt Ion:284 Resp: 789740
Ion Ratio Lower Upper
284 100
142 33.0 28.8 43.2
249 31.0 25.8 38.6





#69
Atrazine
Concen: 58.585 ng
RT: 16.609 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

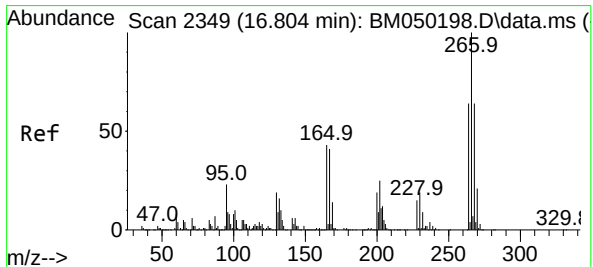
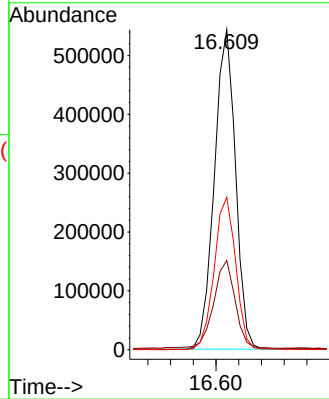
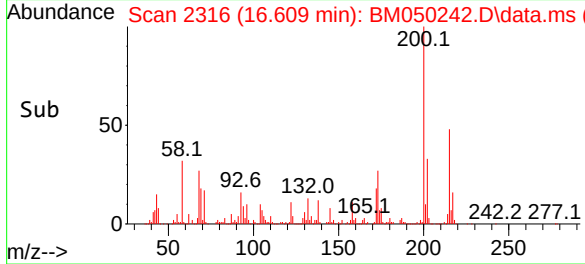
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:200 Resp: 702108
Ion Ratio Lower Upper
200 100
173 27.9 6.0 46.0
215 47.6 28.1 68.1

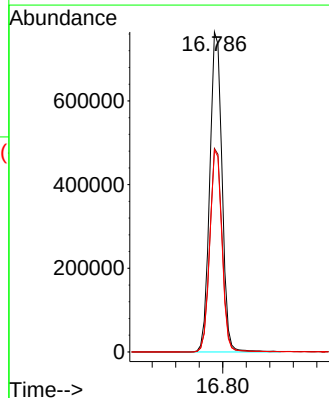
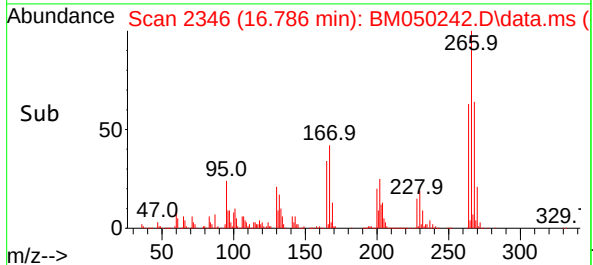
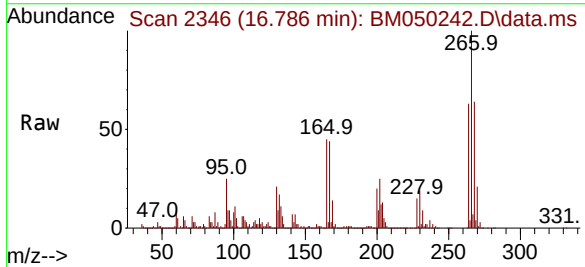
Manual Integrations
APPROVED

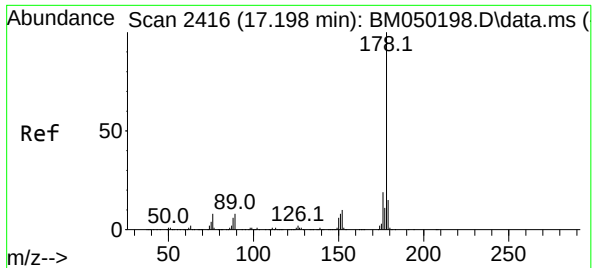
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#70
Pentachlorophenol
Concen: 114.156 ng
RT: 16.786 min Scan# 2346
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

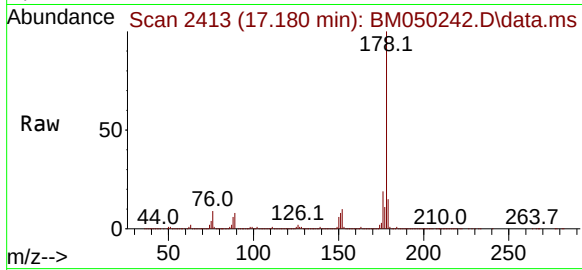
Tgt Ion:266 Resp: 1106939
Ion Ratio Lower Upper
266 100
268 63.6 51.0 76.6
264 63.2 50.8 76.2





#71
Phenanthrene
Concen: 59.944 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

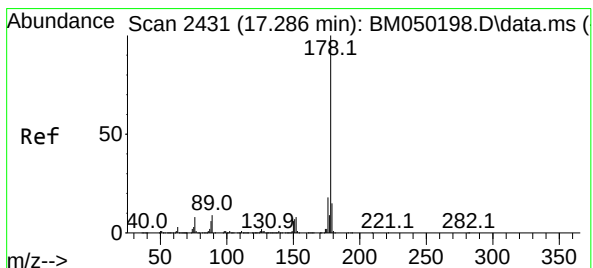
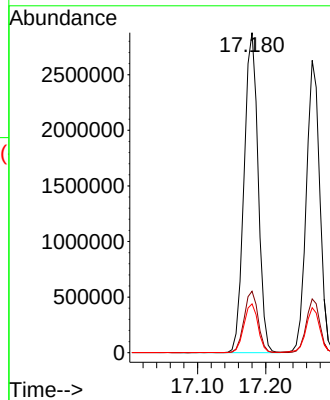
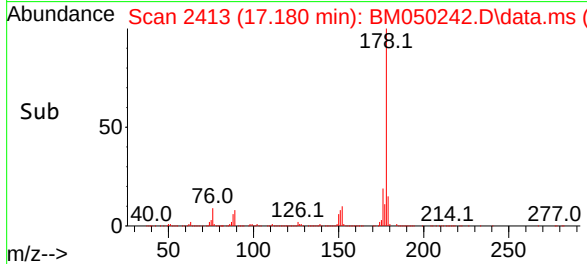
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:178 Resp: 4099259
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.2 12.3 18.5

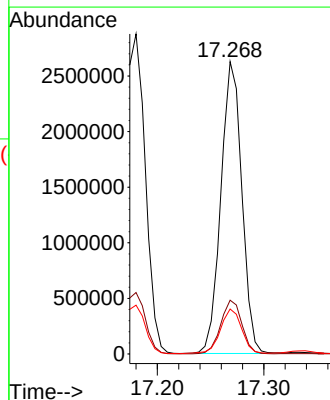
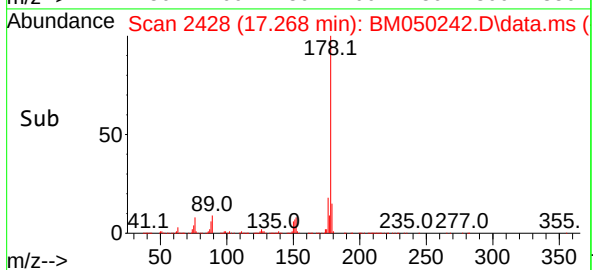
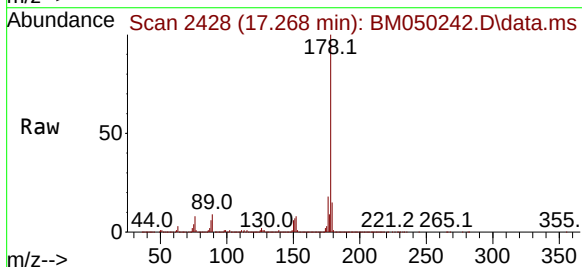
Manual Integrations
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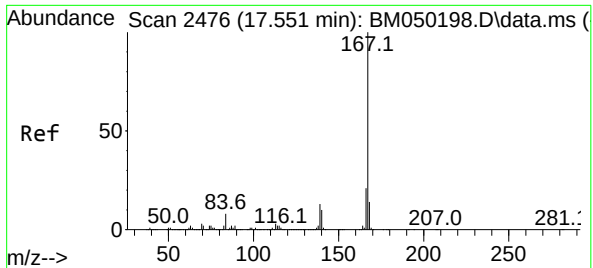
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 52.373 ng
RT: 17.268 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

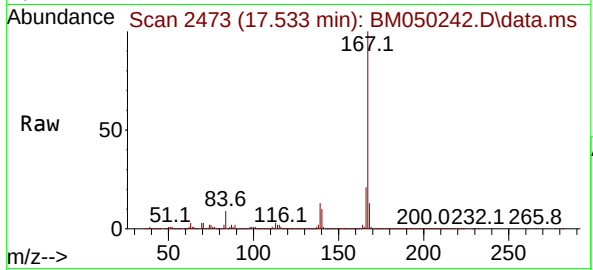
Tgt Ion:178 Resp: 3582894
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.4 12.3 18.5





#73
Carbazole
Concen: 54.052 ng
RT: 17.533 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

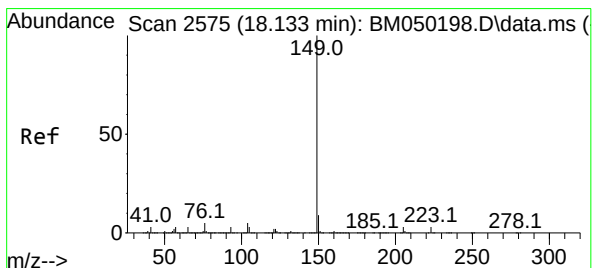
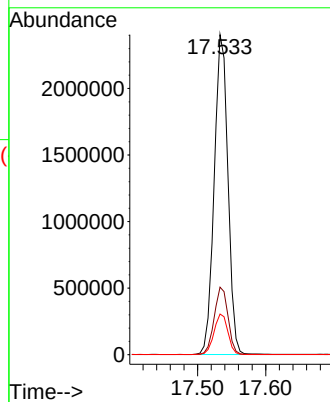
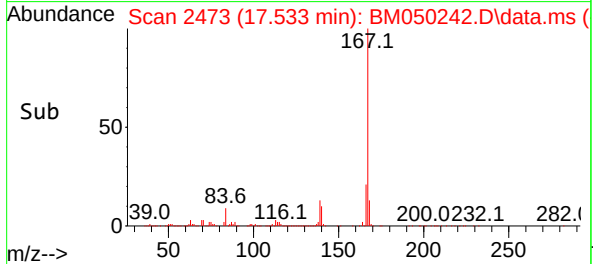
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:167 Resp: 336878
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.7 10.2 15.4

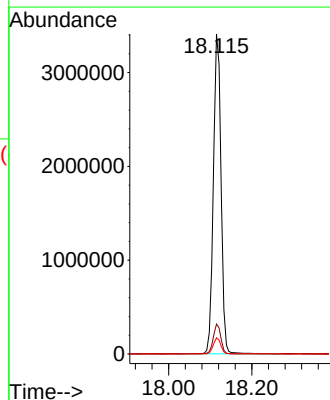
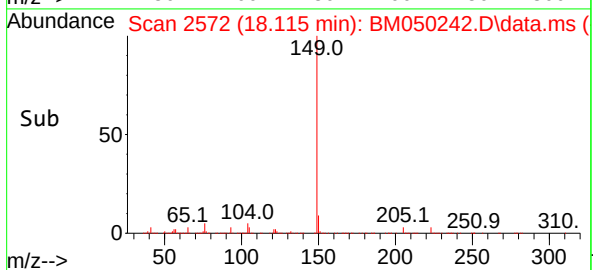
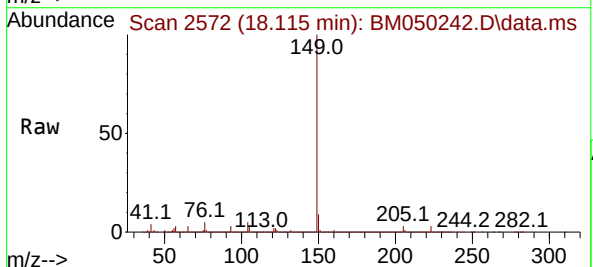
Manual Integrations
APPROVED

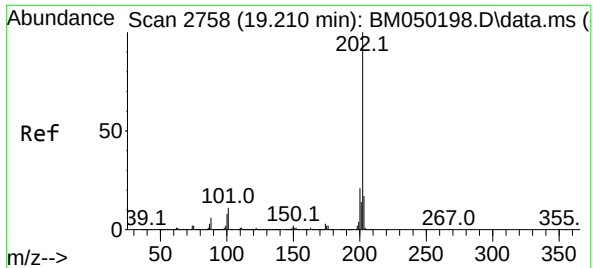
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#74
Di-n-butylphthalate
Concen: 64.044 ng
RT: 18.115 min Scan# 2572
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

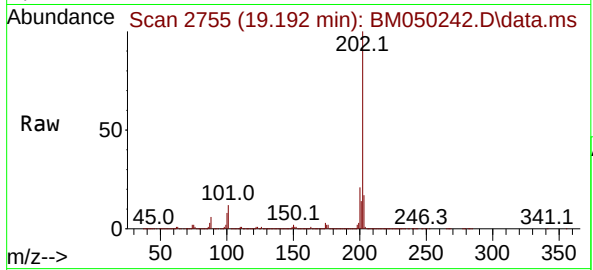
Tgt Ion:149 Resp: 4343044
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 55.220 ng
RT: 19.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

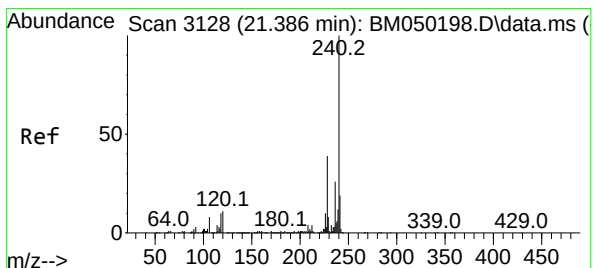
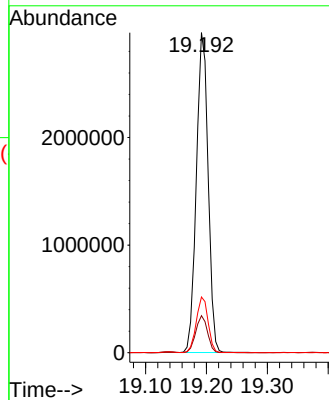
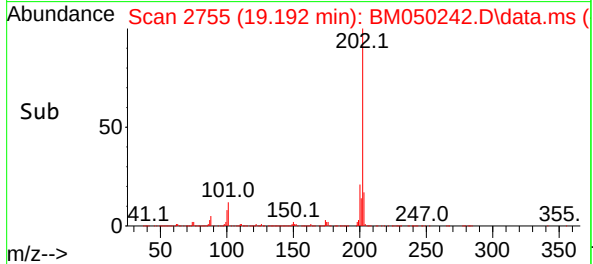
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:202 Resp: 398227
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.1
203 17.4 0.0 37.0

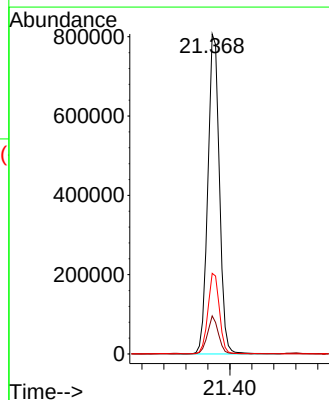
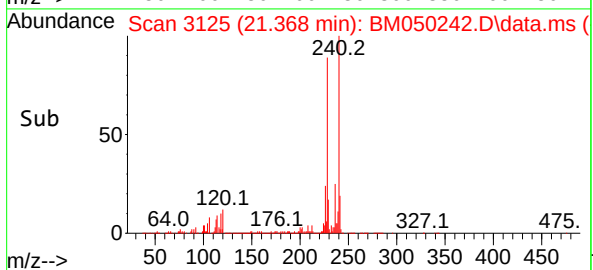
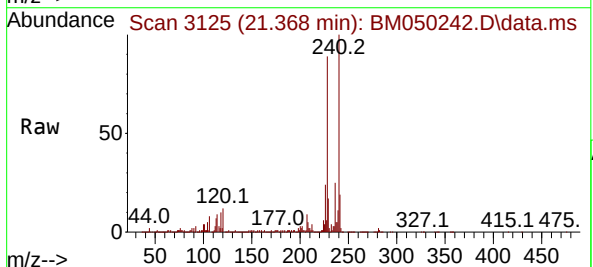
Manual Integrations
APPROVED

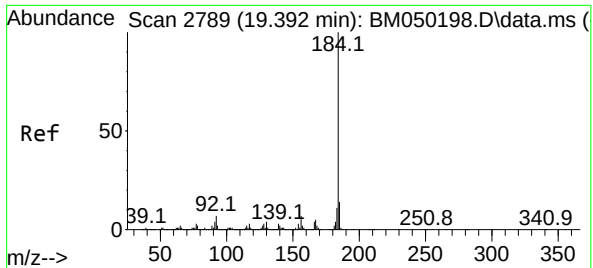
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

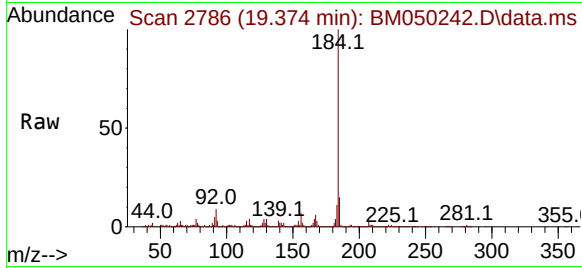
Tgt Ion:240 Resp: 1175824
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 25.2 20.7 31.1





#77
Benzidine
Concen: 20.133 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

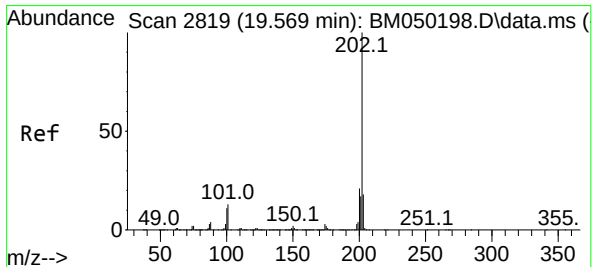
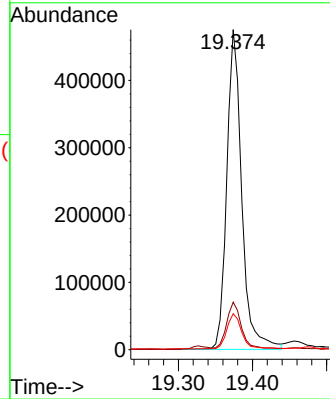
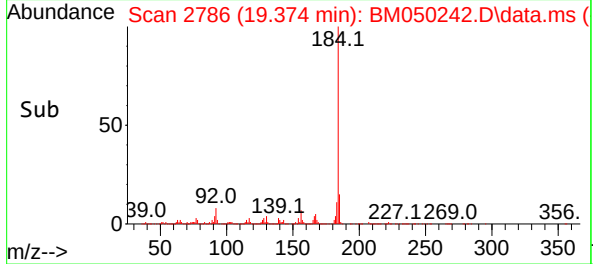
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:184 Resp: 665709
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.2 9.0 13.4

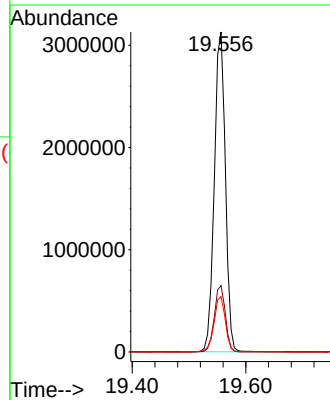
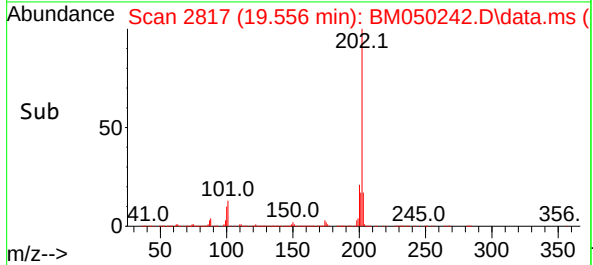
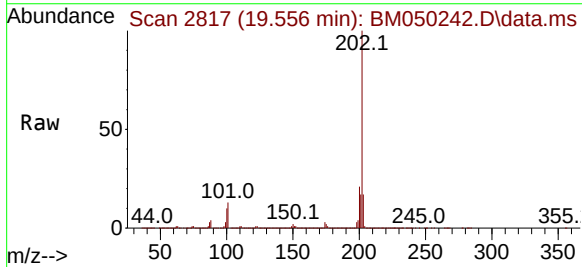
Manual Integrations
APPROVED

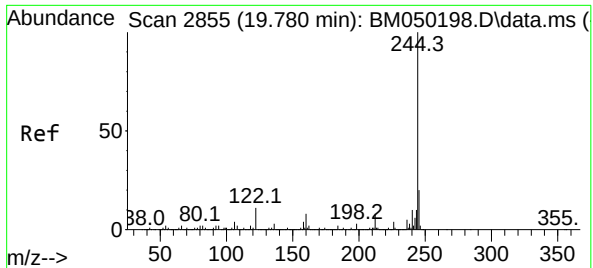
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#78
Pyrene
Concen: 53.183 ng
RT: 19.556 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

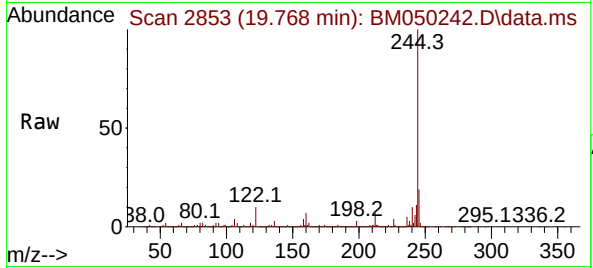
Tgt Ion:202 Resp: 4214773
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.3 14.1 21.1





#79
Terphenyl-d14
Concen: 93.855 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

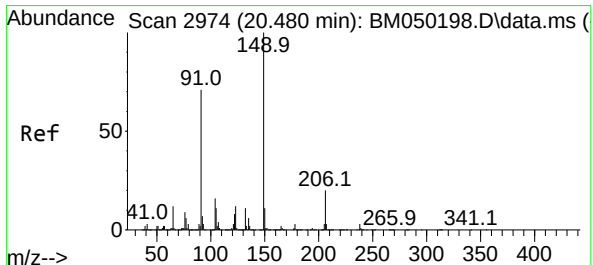
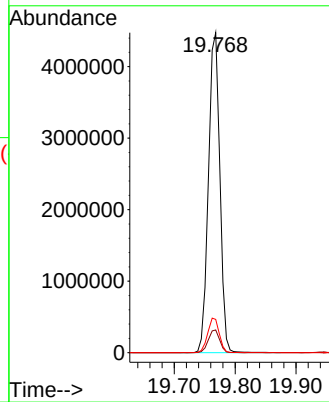
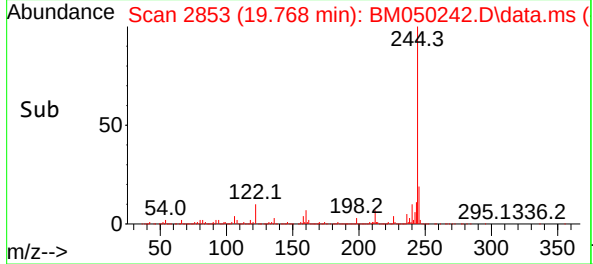
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:244 Resp: 582350
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.4 8.6 12.8

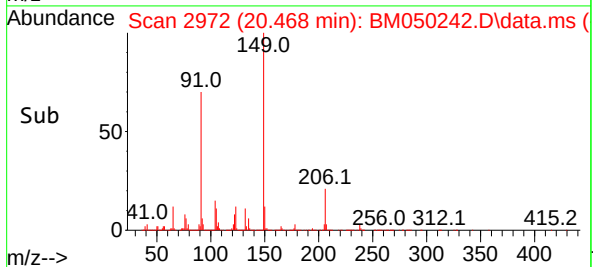
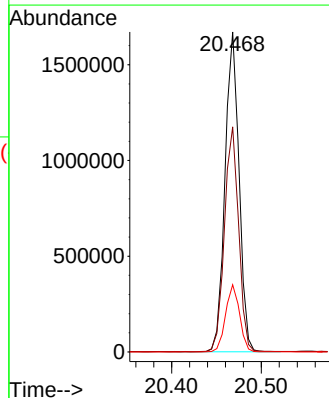
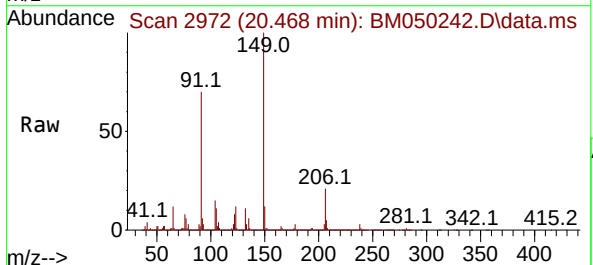
Manual Integrations
APPROVED

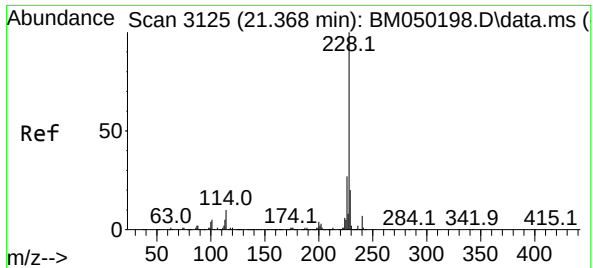
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#80
Butylbenzylphthalate
Concen: 68.437 ng
RT: 20.468 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

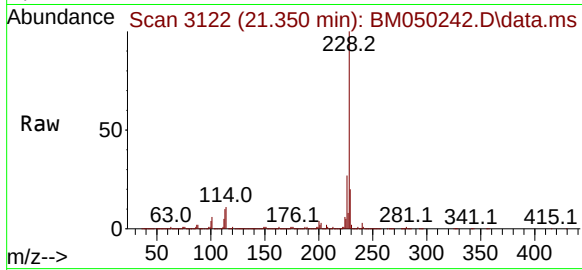
Tgt Ion:149 Resp: 1809144
Ion Ratio Lower Upper
149 100
91 70.3 56.9 85.3
206 21.0 16.1 24.1





#81
Benzo(a)anthracene
Concen: 53.367 ng
RT: 21.350 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

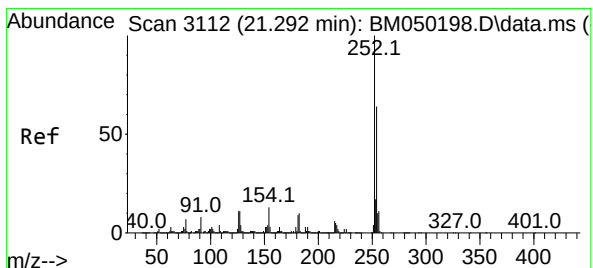
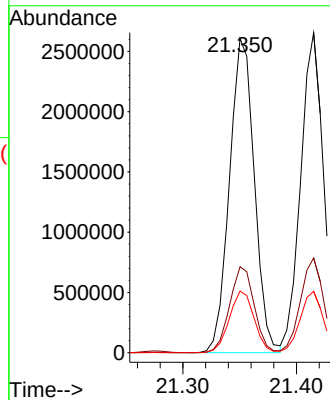
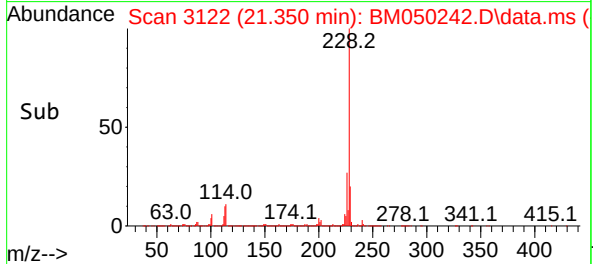
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:228 Resp: 397180
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.6 15.7 23.5

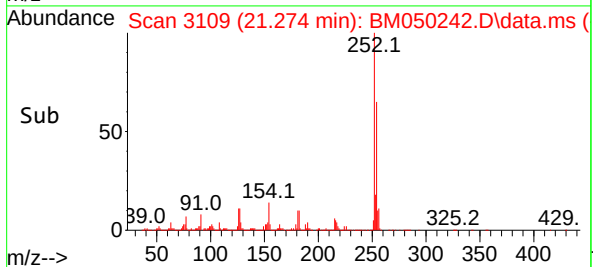
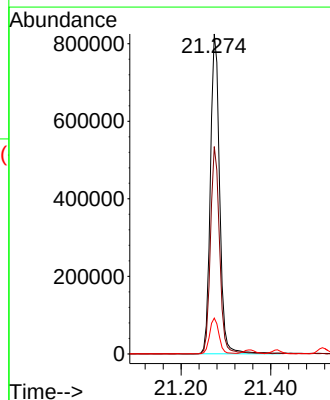
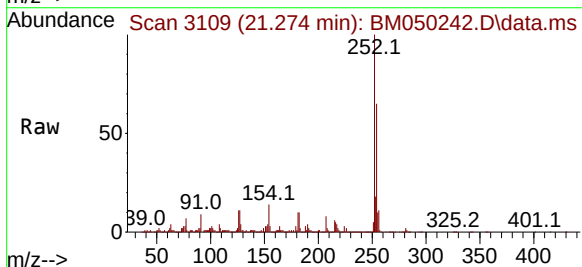
Manual Integrations
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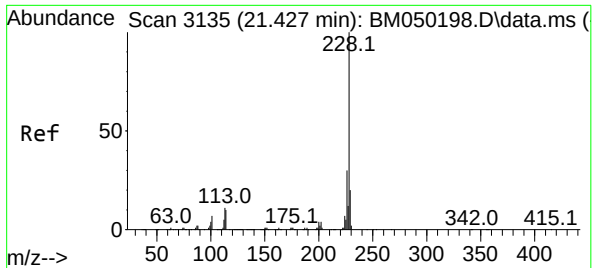
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 51.963 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

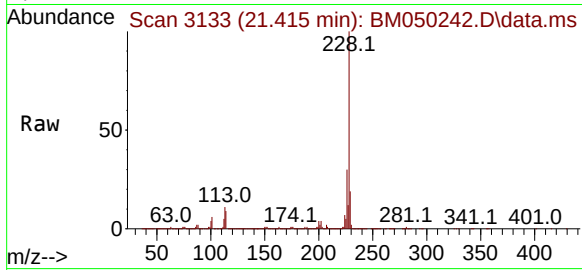
Tgt Ion:252 Resp: 1179338
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.0
126 11.2 8.6 12.8





#83
Chrysene
Concen: 52.364 ng
RT: 21.415 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

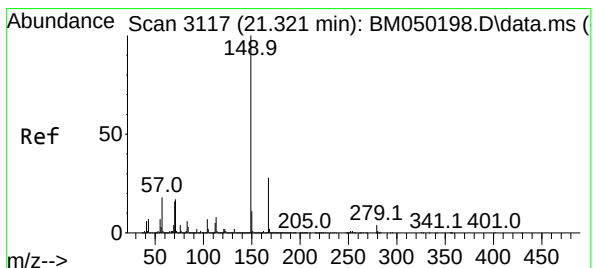
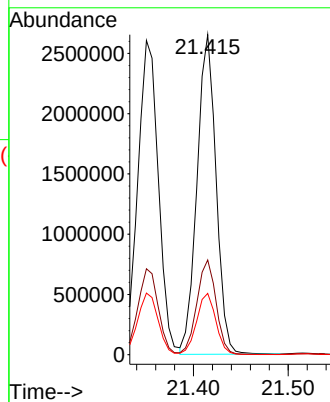
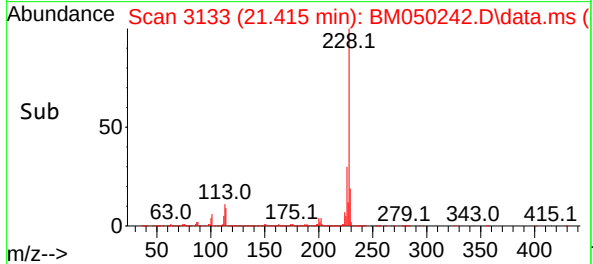
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:228 Resp: 370709
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 19.1 15.8 23.8

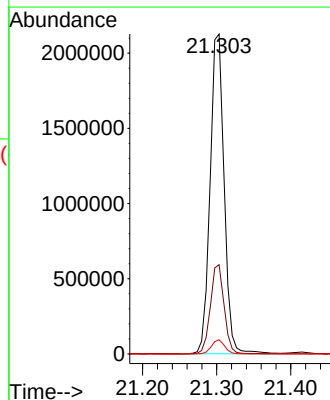
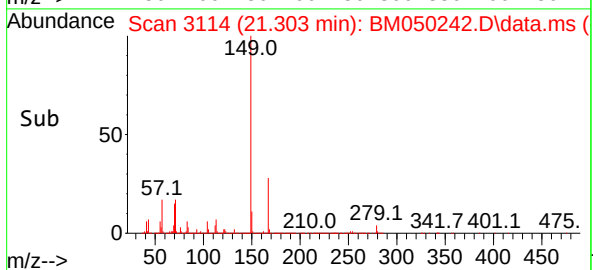
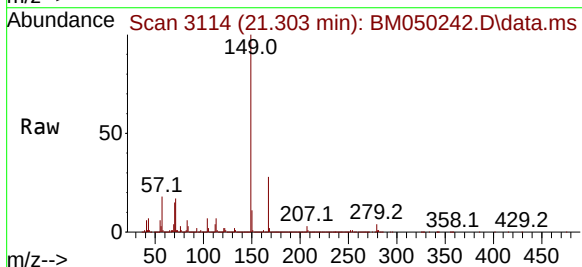
Manual Integrations
APPROVED

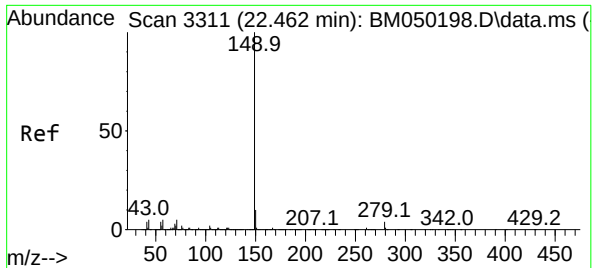
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 68.560 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

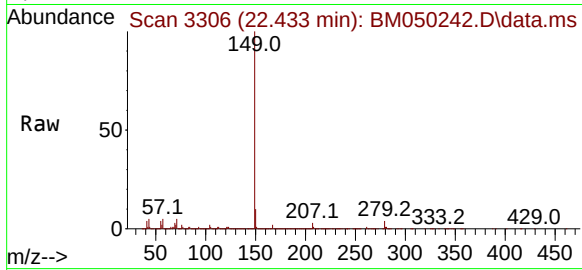
Tgt Ion:149 Resp: 2791744
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.5 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 75.379 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

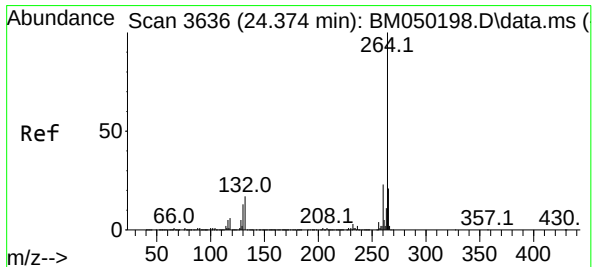
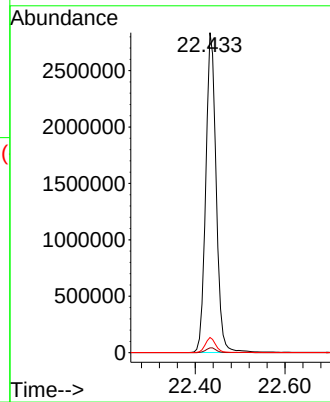
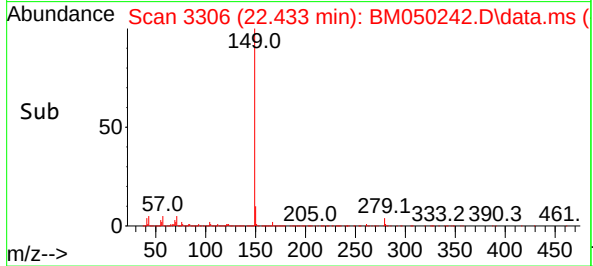
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:149 Resp: 4554629
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.7 3.8 5.8

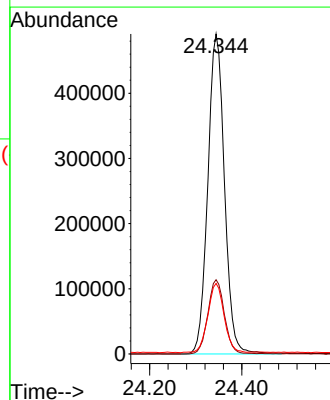
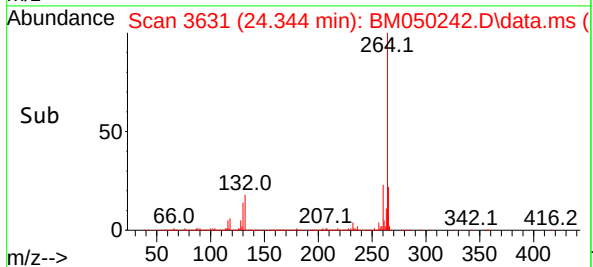
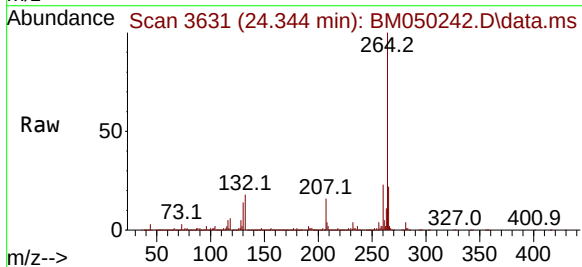
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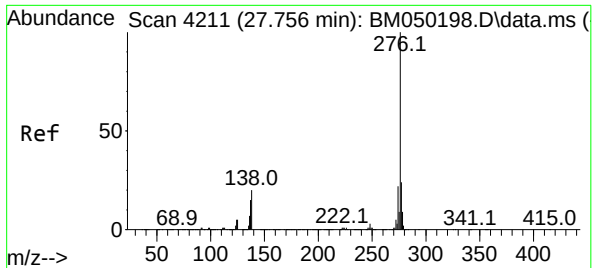
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

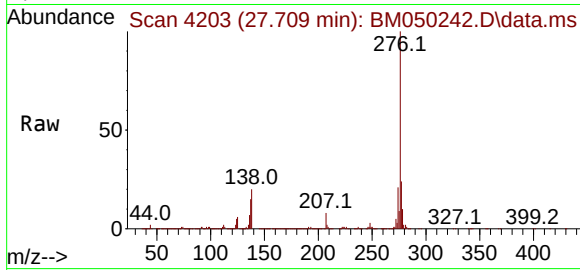
Tgt Ion:264 Resp: 1237452
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.1 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.916 ng
RT: 27.709 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

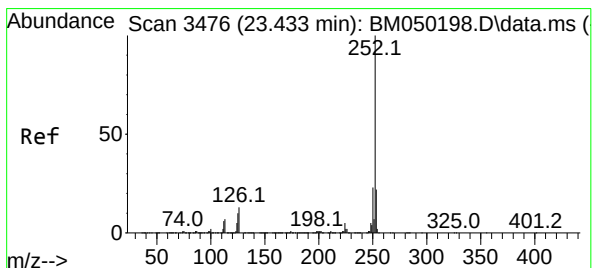
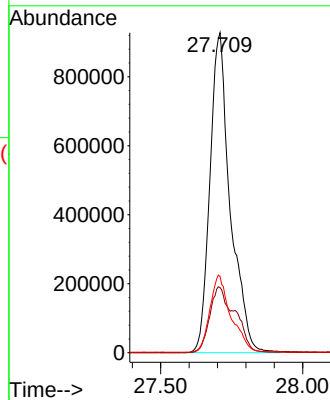
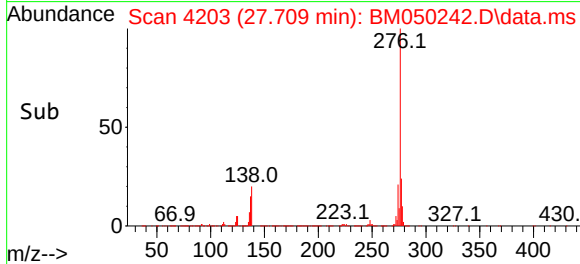
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



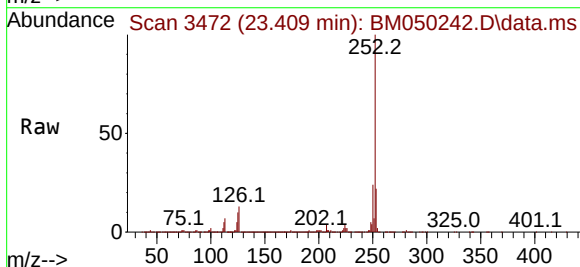
Tgt Ion:276 Resp: 461458
Ion Ratio Lower Upper
276 100
138 25.7 20.6 30.8
277 25.0 19.8 29.6

Manual Integrations
APPROVED

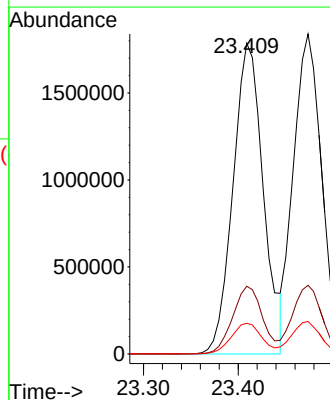
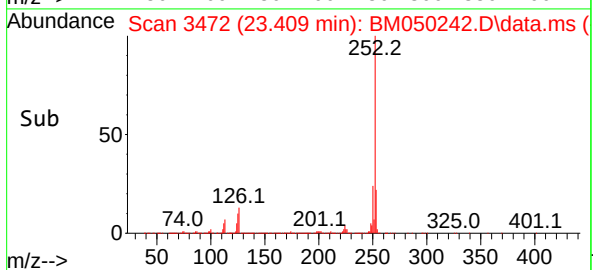
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

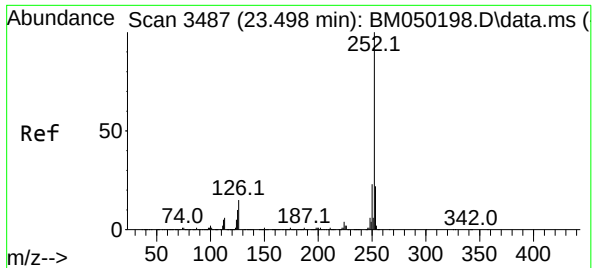


#88
Benzo(b)fluoranthene
Concen: 55.213 ng
RT: 23.409 min Scan# 3472
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



Tgt Ion:252 Resp: 3972361
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 52.257 ng

RT: 23.474 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion:252 Resp: 383808

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

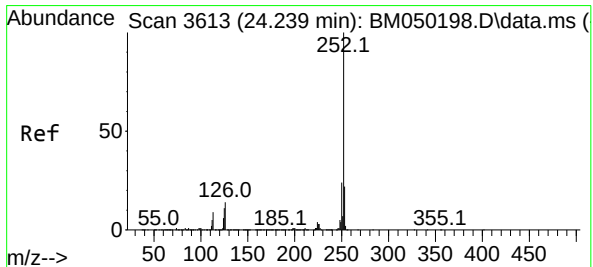
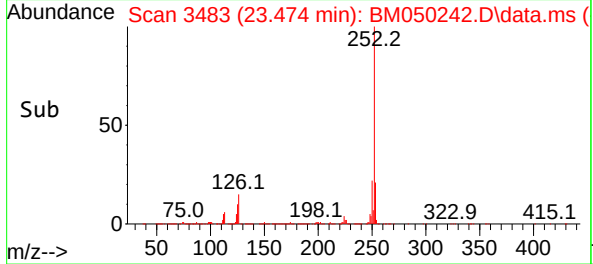
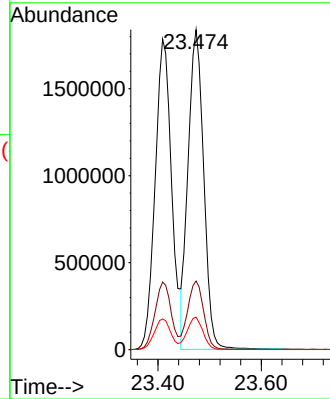
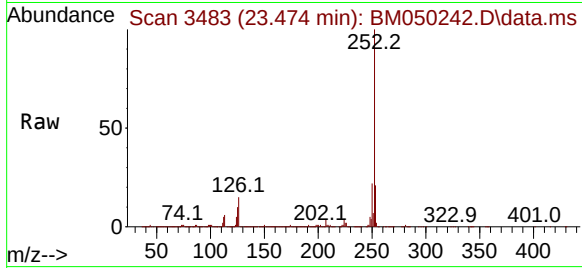
125 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 55.061 ng

RT: 24.209 min Scan# 3608

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

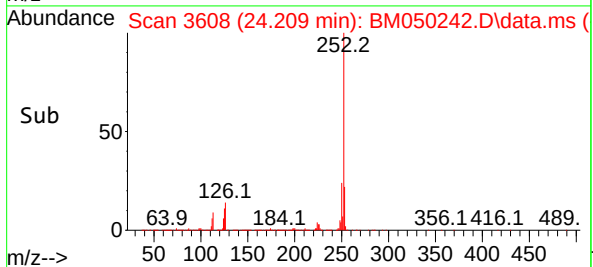
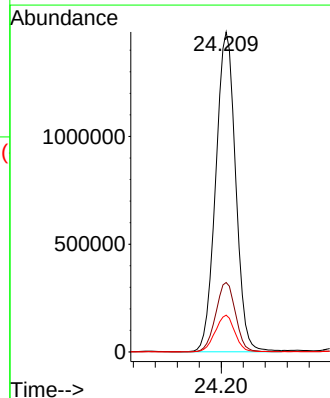
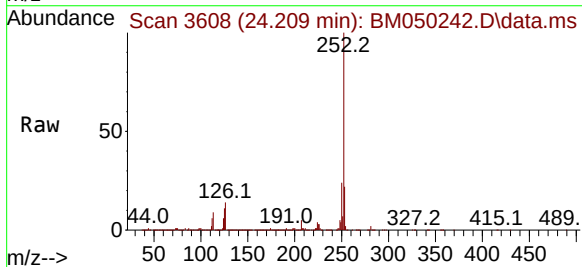
Tgt Ion:252 Resp: 3724602

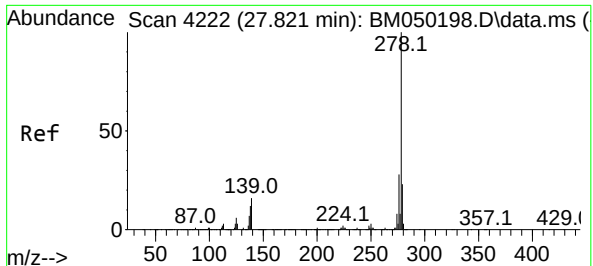
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 11.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 58.279 ng

RT: 27.768 min Scan# 4379

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion:278 Resp: 376916

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

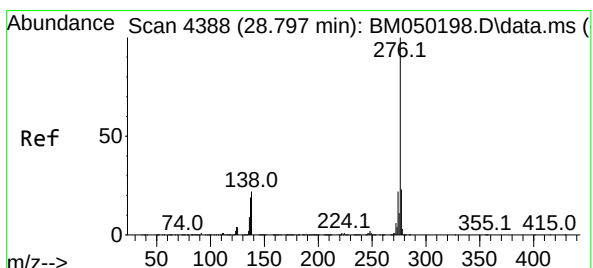
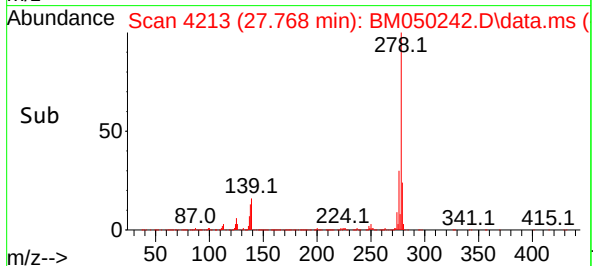
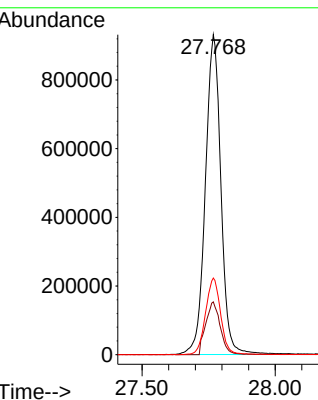
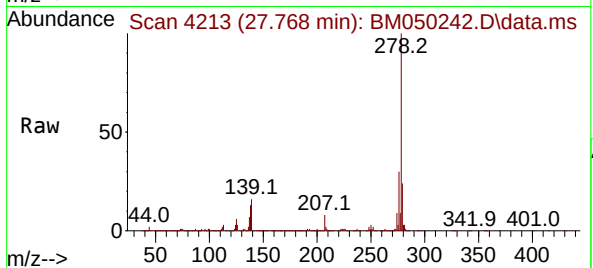
279 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#92

Benzo(g,h,i)perylene

Concen: 58.072 ng

RT: 28.744 min Scan# 4379

Delta R.T. -0.006 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

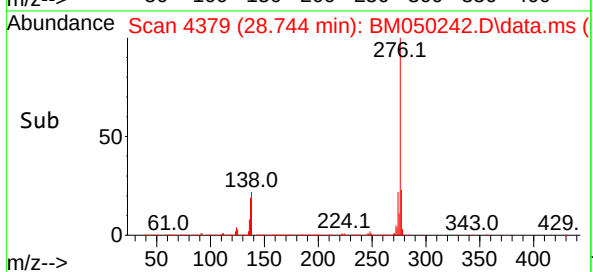
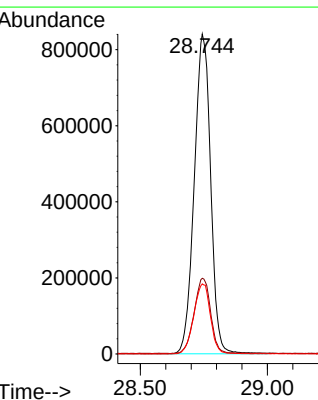
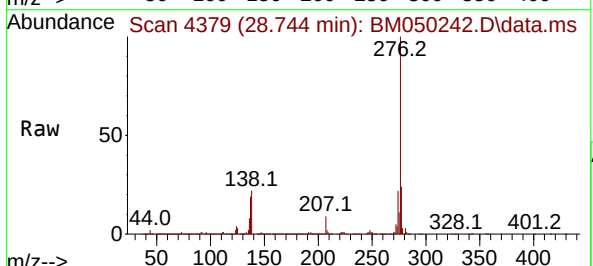
Tgt Ion:276 Resp: 3759055

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 21.9 17.8 26.6



Manual Integration Report

Sequence:	BM060525	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050195.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/6/2025 12:19:17 PM	Jagrut	6/6/2025 1:16:08 PM	Peak Integrated by Software
SSTDICC005	BM050195.D	Benzaldehyde	Rahul	6/6/2025 12:19:17 PM	Jagrut	6/6/2025 1:16:08 PM	Peak Integrated by Software
SSTDICC010	BM050196.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/5/2025 4:48:25 PM	Jagrut	6/6/2025 1:16:10 PM	Peak Integrated by Software
SSTDICC020	BM050197.D	Benzaldehyde	Rahul	6/6/2025 12:19:19 PM	Jagrut	6/6/2025 1:16:13 PM	Peak Integrated by Software
SSTDICCC040	BM050198.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/5/2025 4:48:28 PM	Jagrut	6/6/2025 1:16:15 PM	Peak Integrated by Software
SSTDICV040	BM050202.D	Benzaldehyde	Rahul	6/5/2025 4:48:30 PM	Jagrut	6/6/2025 1:16:18 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	bm060925	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050236.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/10/2025 5:09:05 PM	Jagrut	6/10/2025 5:10:15 PM	Peak Integrated by Software
PB168340BS	BM050238.D	Acenaphthene	Rahul	6/10/2025 5:09:07 PM	Jagrut	6/10/2025 5:10:18 PM	Peak Integrated by Software
PB168340BS	BM050238.D	Caprolactam	Rahul	6/10/2025 5:09:07 PM	Jagrut	6/10/2025 5:10:18 PM	Peak Integrated by Software
Q2125-08MS	BM050241.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/10/2025 5:09:10 PM	Jagrut	6/10/2025 5:10:21 PM	Peak Integrated by Software
Q2125-08MS	BM050241.D	Acenaphthene	Rahul	6/10/2025 5:09:10 PM	Jagrut	6/10/2025 5:10:21 PM	Peak Integrated by Software
Q2125-08MSD	BM050242.D	Acenaphthene	Rahul	6/10/2025 5:09:12 PM	Jagrut	6/10/2025 5:10:23 PM	Peak Integrated by Software
SSTDCCC040	BM050245.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/10/2025 5:09:14 PM	Jagrut	6/10/2025 5:10:26 PM	Peak Integrated by Software
SSTDCCC040	BM050262.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/10/2025 5:09:18 PM	Jagrut	6/10/2025 5:10:33 PM	Peak Integrated by Software

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM060525

Review By	Rahul	Review On	6/6/2025 12:27:19 PM		
Supervise By	Jagrut	Supervise On	6/6/2025 1:16:37 PM		
SubDirectory	BM060525	HP Acquire Method	BNA_M	HP Processing Method	bm060525
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12667,10ul/1000ul sample			
ICV/I.BLK		SP6796			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050193.D	05 Jun 2025 08:40	RC/JU	Ok
2	SSTDICC2.5	BM050194.D	05 Jun 2025 09:20	RC/JU	Ok
3	SSTDICC005	BM050195.D	05 Jun 2025 09:59	RC/JU	Ok,M
4	SSTDICC010	BM050196.D	05 Jun 2025 10:38	RC/JU	Ok,M
5	SSTDICC020	BM050197.D	05 Jun 2025 11:17	RC/JU	Ok,M
6	SSTDICCC040	BM050198.D	05 Jun 2025 11:57	RC/JU	Ok,M
7	SSTDICC050	BM050199.D	05 Jun 2025 12:36	RC/JU	Ok
8	SSTDICC060	BM050200.D	05 Jun 2025 13:16	RC/JU	Ok
9	SSTDICC080	BM050201.D	05 Jun 2025 13:56	RC/JU	Ok
10	SSTDICV040	BM050202.D	05 Jun 2025 14:36	RC/JU	Ok,M
11	PB168224TB	BM050203.D	05 Jun 2025 16:35	RC/JU	Ok
12	SP6794	BM050204.D	05 Jun 2025 17:15	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM
SubDirectory	BM060925	HP Acquire Method	BNA_M
		HP Processing Method	BM060625
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12667,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050235.D	09 Jun 2025 10:07	RC/JU	Ok
2	SSTDCCC040	BM050236.D	09 Jun 2025 10:47	RC/JU	Ok,M
3	PB168340BL	BM050237.D	09 Jun 2025 11:26	RC/JU	Ok
4	PB168340BS	BM050238.D	09 Jun 2025 12:05	RC/JU	Ok,M
5	PB168340TB	BM050239.D	09 Jun 2025 12:44	RC/JU	Ok
6	Q2125-08	BM050240.D	09 Jun 2025 13:29	RC/JU	Ok
7	Q2125-08MS	BM050241.D	09 Jun 2025 14:08	RC/JU	Ok,M
8	Q2125-08MSD	BM050242.D	09 Jun 2025 14:47	RC/JU	Ok,M
9	Q2226-04	BM050243.D	09 Jun 2025 15:39	RC/JU	Ok
10	DFTPP	BM050244.D	09 Jun 2025 16:24	RC/JU	Ok
11	SSTDCCC040	BM050245.D	09 Jun 2025 17:03	RC/JU	Ok,M
12	PB168311TB	BM050246.D	09 Jun 2025 17:43	RC/JU	Ok
13	Q2227-04	BM050247.D	09 Jun 2025 18:22	RC/JU	Ok
14	Q2236-07	BM050248.D	09 Jun 2025 19:01	RC/JU	Ok
15	Q2228-04	BM050249.D	09 Jun 2025 19:40	RC/JU	Ok
16	Q2226-04MS	BM050250.D	09 Jun 2025 20:19	RC/JU	Ok,M
17	Q2226-04MSD	BM050251.D	09 Jun 2025 20:58	RC/JU	Ok
18	Q2235-03	BM050252.D	09 Jun 2025 21:38	RC/JU	Ok
19	Q2236-03	BM050253.D	09 Jun 2025 22:17	RC/JU	Ok
20	Q2236-11	BM050254.D	09 Jun 2025 22:56	RC/JU	Ok
21	Q2236-15	BM050255.D	09 Jun 2025 23:35	RC/JU	Ok

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM
SubDirectory	BM060925	HP Acquire Method	BNA_M
		HP Processing Method	BM060625
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12667,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2236-19	BM050256.D	10 Jun 2025 00:15	RC/JU	Ok,M
23	Q2241-04	BM050257.D	10 Jun 2025 00:54	RC/JU	Ok
24	Q2241-08	BM050258.D	10 Jun 2025 01:33	RC/JU	Ok
25	Q2260-04	BM050259.D	10 Jun 2025 02:12	RC/JU	Ok
26	Q2265-04	BM050260.D	10 Jun 2025 02:51	RC/JU	Ok
27	DFTPP	BM050261.D	10 Jun 2025 04:09	RC/JU	Ok
28	SSTDCCC040	BM050262.D	10 Jun 2025 04:48	RC/JU	Ok,M
29	PB168352BL	BM050263.D	10 Jun 2025 05:28	RC/JU	Ok
30	PB168352BS	BM050264.D	10 Jun 2025 06:07	RC/JU	Ok,M
31	PB168333TB	BM050265.D	10 Jun 2025 06:46	RC/JU	Ok
32	Q2242-04	BM050266.D	10 Jun 2025 07:25	RC/JU	Ok
33	Q2244-04	BM050267.D	10 Jun 2025 08:04	RC/JU	Ok
34	Q2266-04	BM050268.D	10 Jun 2025 08:43	RC/JU	Ok
35	Q2266-08	BM050269.D	10 Jun 2025 09:22	RC/JU	ReRun
36	Q2240-04	BM050270.D	10 Jun 2025 10:01	RC/JU	Ok
37	Q2240-08	BM050271.D	10 Jun 2025 10:41	RC/JU	Ok
38	Q2240-12	BM050272.D	10 Jun 2025 11:20	RC/JU	Ok
39	Q2231-02DL	BM050273.D	10 Jun 2025 11:59	RC/JU	Dilution
40	Q2202-03DL	BM050274.D	10 Jun 2025 12:38	RC/JU	Ok
41	Q2231-02DL2	BM050275.D	10 Jun 2025 13:28	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM060525

Review By	Rahul	Review On	6/6/2025 12:27:19 PM
Supervise By	Jagrut	Supervise On	6/6/2025 1:16:37 PM
SubDirectory	BM060525	HP Acquire Method	BNA_M
		HP Processing Method	bm060525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050193.D	05 Jun 2025 08:40		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050194.D	05 Jun 2025 09:20		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050195.D	05 Jun 2025 09:59	Compound #32,54,65,77 removed from 5PPM	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050196.D	05 Jun 2025 10:38	Compound #54 kept on QR	RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050197.D	05 Jun 2025 11:17		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050198.D	05 Jun 2025 11:57	The compound # 85 failed in the Calibration.	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM050199.D	05 Jun 2025 12:36		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050200.D	05 Jun 2025 13:16		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050201.D	05 Jun 2025 13:56	Compound #9 removed from 80PPM	RC/JU	Ok
10	SSTDICV040	ICVBM060525	BM050202.D	05 Jun 2025 14:36		RC/JU	Ok,M
11	PB168224TB	PB168224TB	BM050203.D	05 Jun 2025 16:35		RC/JU	Ok
12	SP6794	SP6794	BM050204.D	05 Jun 2025 17:15		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM
SubDirectory	BM060925	HP Acquire Method	BNA_M
		HP Processing Method	BM060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050235.D	09 Jun 2025 10:07		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050236.D	09 Jun 2025 10:47		RC/JU	Ok,M
3	PB168340BL	PB168340BL	BM050237.D	09 Jun 2025 11:26		RC/JU	Ok
4	PB168340BS	PB168340BS	BM050238.D	09 Jun 2025 12:05		RC/JU	Ok,M
5	PB168340TB	PB168340TB	BM050239.D	09 Jun 2025 12:44		RC/JU	Ok
6	Q2125-08	GSB3	BM050240.D	09 Jun 2025 13:29		RC/JU	Ok
7	Q2125-08MS	GSB3MS	BM050241.D	09 Jun 2025 14:08		RC/JU	Ok,M
8	Q2125-08MSD	GSB3MSD	BM050242.D	09 Jun 2025 14:47		RC/JU	Ok,M
9	Q2226-04	TP06-MHI-WC	BM050243.D	09 Jun 2025 15:39		RC/JU	Ok
10	DFTPP	DFTPP	BM050244.D	09 Jun 2025 16:24		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BM050245.D	09 Jun 2025 17:03		RC/JU	Ok,M
12	PB168311TB	PB168311TB	BM050246.D	09 Jun 2025 17:43		RC/JU	Ok
13	Q2227-04	TP07-MHH-WC	BM050247.D	09 Jun 2025 18:22		RC/JU	Ok
14	Q2236-07	WC-A2-04-C	BM050248.D	09 Jun 2025 19:01		RC/JU	Ok
15	Q2228-04	TP08-MHI-WC	BM050249.D	09 Jun 2025 19:40		RC/JU	Ok
16	Q2226-04MS	TP06-MHI-WCMS	BM050250.D	09 Jun 2025 20:19		RC/JU	Ok,M
17	Q2226-04MSD	TP06-MHI-WCMSD	BM050251.D	09 Jun 2025 20:58		RC/JU	Ok
18	Q2235-03	WC-A2-08-C	BM050252.D	09 Jun 2025 21:38		RC/JU	Ok

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12667,10ul/1000ul sample			
ICV/I.BLK		SP6796			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q2236-03	WC-A4-05A-C	BM050253.D	09 Jun 2025 22:17		RC/JU	Ok
20	Q2236-11	WC-A2-05-C	BM050254.D	09 Jun 2025 22:56		RC/JU	Ok
21	Q2236-15	WC-A2-06-C	BM050255.D	09 Jun 2025 23:35		RC/JU	Ok
22	Q2236-19	WC-A2-07-C	BM050256.D	10 Jun 2025 00:15		RC/JU	Ok,M
23	Q2241-04	TP-N	BM050257.D	10 Jun 2025 00:54		RC/JU	Ok
24	Q2241-08	TP-S	BM050258.D	10 Jun 2025 01:33		RC/JU	Ok
25	Q2260-04	TP10-MHG-WC	BM050259.D	10 Jun 2025 02:12		RC/JU	Ok
26	Q2265-04	TP11-MHL-WC	BM050260.D	10 Jun 2025 02:51		RC/JU	Ok
27	DFTPP	DFTPP	BM050261.D	10 Jun 2025 04:09		RC/JU	Ok
28	SSTDCCC040	SSTDCCC040	BM050262.D	10 Jun 2025 04:48		RC/JU	Ok,M
29	PB168352BL	PB168352BL	BM050263.D	10 Jun 2025 05:28		RC/JU	Ok
30	PB168352BS	PB168352BS	BM050264.D	10 Jun 2025 06:07		RC/JU	Ok,M
31	PB168333TB	PB168333TB	BM050265.D	10 Jun 2025 06:46		RC/JU	Ok
32	Q2242-04	TP09-MHJ	BM050266.D	10 Jun 2025 07:25		RC/JU	Ok
33	Q2244-04	TP03-MHC	BM050267.D	10 Jun 2025 08:04		RC/JU	Ok
34	Q2266-04	WC-3	BM050268.D	10 Jun 2025 08:43		RC/JU	Ok
35	Q2266-08	WC-5	BM050269.D	10 Jun 2025 09:22	Internal Standard Failed & Surrogates failed for low IS recoveries.	RC/JU	ReRun
36	Q2240-04	TP-3	BM050270.D	10 Jun 2025 10:01		RC/JU	Ok

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12667,10ul/1000ul sample			
ICV/I.BLK		SP6796			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

37	Q2240-08	TP-2	BM050271.D	10 Jun 2025 10:41		RC/JU	Ok
38	Q2240-12	TP-1	BM050272.D	10 Jun 2025 11:20		RC/JU	Ok
39	Q2231-02DL	MW-14-20250604DL	BM050273.D	10 Jun 2025 11:59	Need further 5X dilution	RC/JU	Dilution
40	Q2202-03DL	MW-12-20250603DL	BM050274.D	10 Jun 2025 12:38		RC/JU	Ok
41	Q2231-02DL2	MW-14-20250604DL2	BM050275.D	10 Jun 2025 13:28		RC/JU	Ok

M : Manual Integration

SOP ID : M1312-SPLP-10
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-2
TCLP Filter ID : 115525

Start Prep Date : 06/04/2025 Time : 15:00
End Prep Date : 06/05/2025 Time : 09:20
Combination Ratio : 20
ZHE Cleaning Batch : ⁷⁰N/A
Initial Room Temperature: 24 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : JP
Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
SPLP FLUID	WP112802	N/A
N/A	N/A	N/A
HNO3-TCLP, 1N	N/A	WP112799
pH Strips	N/A	W1931, W1934, W3171, W3172
N/A	N/A	N/A
1 Liter Amber	N/A	90924-08
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

TUMBLER T-2 checked, 30 rpm.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/05/25 11:30	<u>JP</u> <u>100 AOCm</u>	<u>RS</u> <u>1E+1</u>
	Preparation Group	Analysis Group <u>DEP</u>

SPLP EXTRACTION LOGPAGE

PB168273

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168273TB	LEB273	17	N/A	2000	N/A	N/A	N/A	4.23	N/A	T-2
Q2125-08	GSB3	16	100.05	2000	N/A	N/A	N/A	5.0	N/A	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168273TB	LEB273	N/A	N/A	N/A	N/A	N/A	N/A
Q2125-08	GSB3	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : N/A

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168273TB	LEB273	N/A	N/A	N/A	N/A	#1	4.23
Q2125-08	GSB3	N/A	N/A	N/A	N/A	#1	4.23

WORKLIST(Hardcopy Internal Chain)

WorkList Name : splp q2125

WorkList ID : 189937

Department : TCLP Extraction

Date : 06-04-2025 13:17:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2125-08	GSB3	Solid	SPLP Extraction	1:1 HNO3 to pH < 2	GENV01		05/23/2025	1312

Date/Time 06/04/25 13:25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 06/04/25 17:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 06/06/2025

Extraction Start Time : 09:15

Extraction End Date : 06/06/2025

Extraction End Time : 14:15

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☒ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
H2SO4 1:1	N/A	EP2610
10N NaOH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

Envap ID: NE VAP-02

KD Bath Temperature: 60 °C

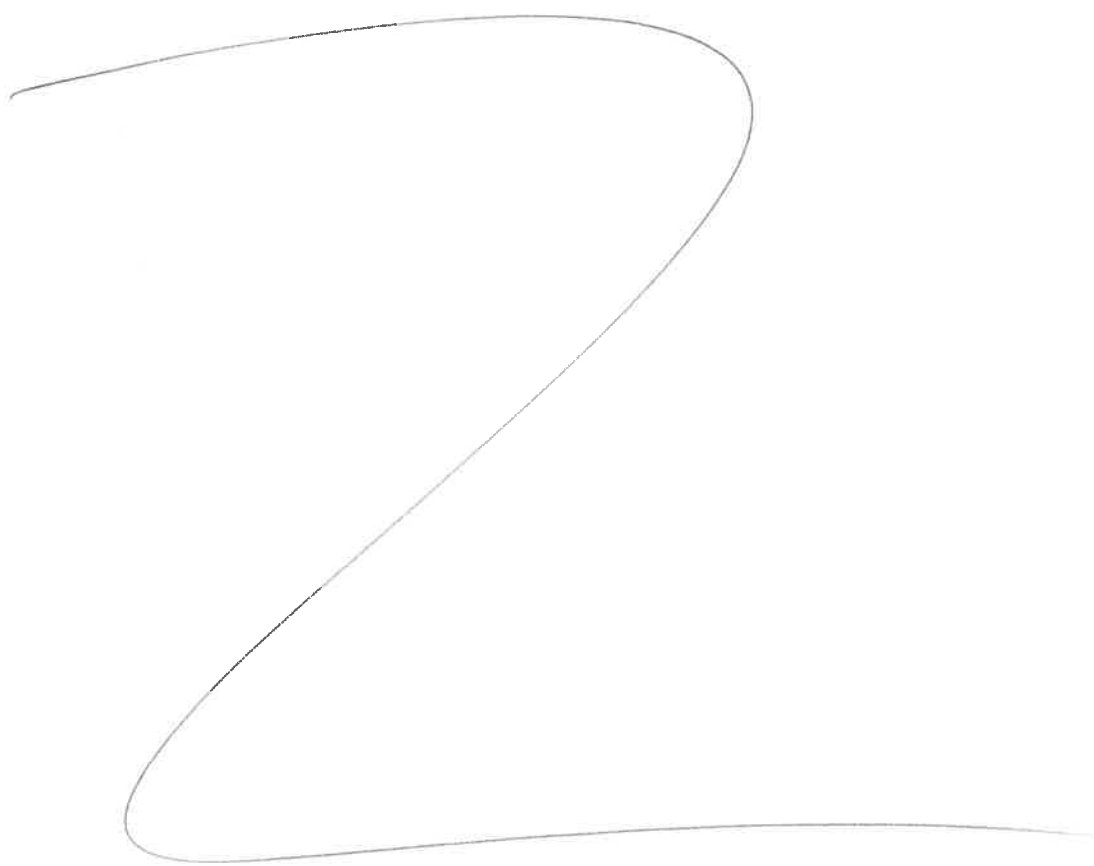
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (Ext-9th)	J4/SVOC
1h-20	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 06/06/2025

Sample ID	Client Sample ID	Test	g / <u>mL</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168340BL	PB168340BL	SPLP BNA Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB168340BS	PB168340BS	SPLP BNA Group1	1000	6	RUPESH	ritesh	1			2
PB168340TB	PB168340TB	SPLP BNA Group1	1000	6	RUPESH	ritesh	1			3
Q2125-08	GSB3	SPLP BNA Group1	1000	6	RUPESH	ritesh	1	A		4
Q2125-08MS	GSB3MS	SPLP BNA Group1	1000	6	RUPESH	ritesh	1	A		5
Q2125-08MS D	GSB3MSD	SPLP BNA Group1	1000	6	RUPESH	ritesh	1	A		6



RS
6/6

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168273TB	LEB273	17	N/A	2000	N/A	N/A	N/A	4.23	N/A	T-2
Q2125-08	GSB3	16	100.05	2000	N/A	N/A	N/A	5.0	N/A	T-2

06/05/25
11:30



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: G Environmental
ADDRESS: 8 CARRIDGE
CITY SMITHSON STATE NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

PROJECT NAME: Seeley
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: G Environmental PO#:
ADDRESS:
CITY SMITHSON STATE NJ ZIP: 07876
ATTENTION: PHONE:
ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) 5 day RT DAYS*
HARDCOPY (DATA PACKAGE): contingency DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data
☒ EDD FORMAT Need full SRP
1/25/08

EPH Cat 1
contingency
2500 mg RT
1/25/08

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9		
1.	GSB1	Soil			5/23/08	0900	1	X										
2.	GSB2					0915	1	X										
3.	GSB3					0920	1	X										
4.	GSB4				5/23/08	0930	1	X										
5.	GSB5	Soil			5/23/08	0945	1	X										
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: <u>5/23/08</u>	RECEIVED BY: <u>CR</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.3</u> °C
1. <u>Hei</u>	<u>5/23/08</u>	1. <u>CR</u>	Comments: <u>EPH Cat 1 - 1st 5mg RT</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	<u>IR Gun</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.		3.	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

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